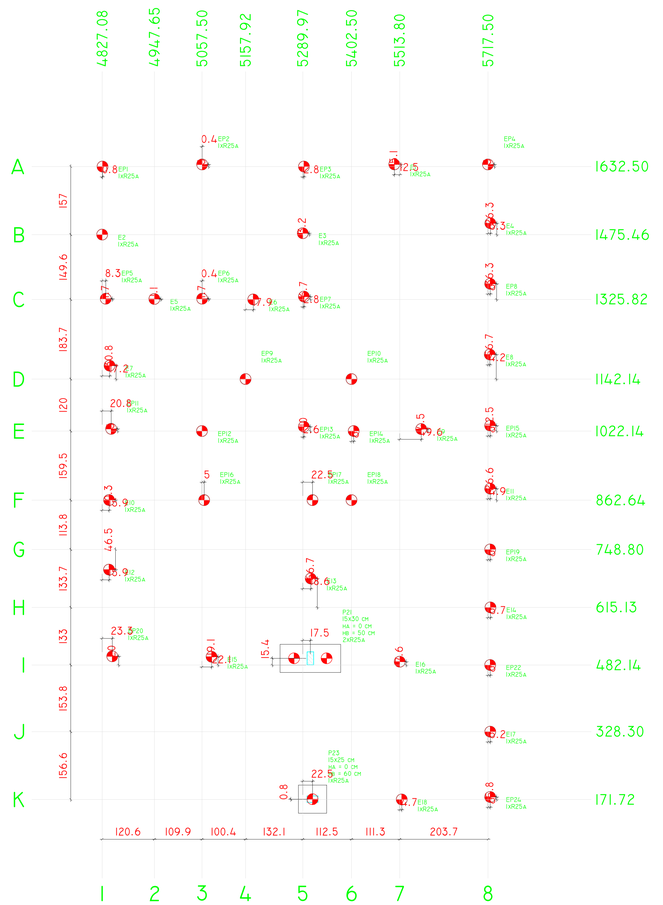


PLANTA DE LOCAÇÃO

ESCALA 1:50

LAJES

DADOS					SOBRECARGA (KGF/M²)		
NOME	TIPO	ALTURA (cm)	ELEVAÇÃO (cm)	NÍVEL (cm)	PESO PRÓPRIO (KGF/M²)	ADICIONAL	ACIDENTAL	LOCALIZADA
L1	PRÉ-MOLDADA	15	0	300	176	75	75	-
L2	PRÉ-MOLDADA	15	0	300	176	75	75	-
L3	PRÉ-MOLDADA	15	0	300	176	75	75	-
L4	PRÉ-MOLDADA	15	0	300	176	75	75	-
L5	PRÉ-MOLDADA	15	0	300	176	75	75	-
L6	PRÉ-MOLDADA	15	0	300	176	75	75	-
L7	PRÉ-MOLDADA	15	0	300	176	75	75	-
L8	PRÉ-MOLDADA	15	0	300	176	75	75	-
L9	PRÉ-MOLDADA	15	0	300	176	75	75	-

VIGAS

NOME	SEÇÃO (cm)	ELEVAÇÃO (cm)	NÍVEL (cm)
VT1	15x25	0	300
VT2	15x25	0	300
VT3	15x25	0	300
VT4	15x25	0	300
VT5	15x25	0	300
VT6	15x30	0	300
VT7	15x30	0	300
VT8	15x25	0	300
VT9	15x25	0	300
VT10	15x30	0	300
VT11	15x25	0	300
VT12	15x25	0	300
VT13	15x25	0	300
VT14	15x30	0	300
VT15	15x25	0	300
VT16	15x25	0	300

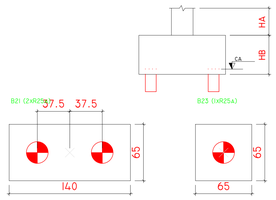
VIGAS

NOME	SEÇÃO (cm)	ELEVAÇÃO (cm)	NÍVEL (cm)
VBI7	15x25	0	0
VBI8	15x25	0	0
VBI9	15x25	0	0
VB20	15x25	0	0
VB21	15x25	0	0
VB22	15x25	0	0
VB23	15x25	0	0
VB24	15x25	0	0
VB25	15x25	0	0
VB26	15x25	0	0
VB27	15x25	0	0
VB28	15x25	0	0
VB29	15x25	0	0
VB30	15x25	0	0
VB31	15x25	0	0
VB32	15x25	0	0

PILARES

NOME	SEÇÃO (cm)	ELEVAÇÃO (cm)	NÍVEL (cm)
PI	15 x 25	0	300
P2	15 x 25	0	300
P3	15 x 25	0	300
P4	15 x 25	0	300
P5	15 x 30	0	300
P6	15 x 25	0	300
P7	15 x 25	0	300
P8	15 x 25	0	300
P9	15 x 25	0	300
P10	15 x 25	0	300
PII	15 x 25	0	300
P12	15 x 25	0	300
P13	15 x 25	0	300
P14	15 x 25	0	300
P15	15 x 30	0	300
P16	15 x 25	0	300
P17	15 x 25	0	300
P18	15 x 25	0	300
P19	15 x 25	0	300
P20	15 x 30	0	300
P21	15 x 30	0	300
P22	15 x 25	0	300
P23	15 x 25	0	300
P24	15 x 25	0	300

B21



LEGENDA DOS BLOCOS

ESCALA 1:25

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	652	67	43684
CA50	2	8.0	2	907	1814
	3	8.0	2	915	1830
	4	8.0	2	475	950
	5	8.0	2	483	966
	6	8.0	2	264	528
	7	8.0	2	280	560
	8	8.0	2	891	1782
	9	8.0	2	899	1798
	10	8.0	4	359	1436
	11	8.0	2	471	942
	12	8.0	2	499	998
	13	8.0	2	426	852
	14	8.0	2	442	884
	15	8.0	2	428	856
	16	8.0	2	436	872
	17	8.0	2	321	642
	18	8.0	2	329	658
	19	8.0	2	839	1678
	20	8.0	2	855	1710
	21	8.0	2	177	354
	22	8.0	2	185	370
	23	8.0	2	128	256
	24	8.0	2	153	306
	25	8.0	4	619	2476
	26	8.0	2	703	1406
	27	8.0	1	125	125
	28	8.0	2	735	1470
	29	8.0	2	296	592
	30	8.0	2	312	624
	31	8.0	2	1104	2208
	32	8.0	2	154	308
	33	8.0	2	281	562
	34	8.0	2	1200	2400
	35	8.0	2	320	640

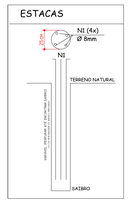
RESUMO DO AÇO

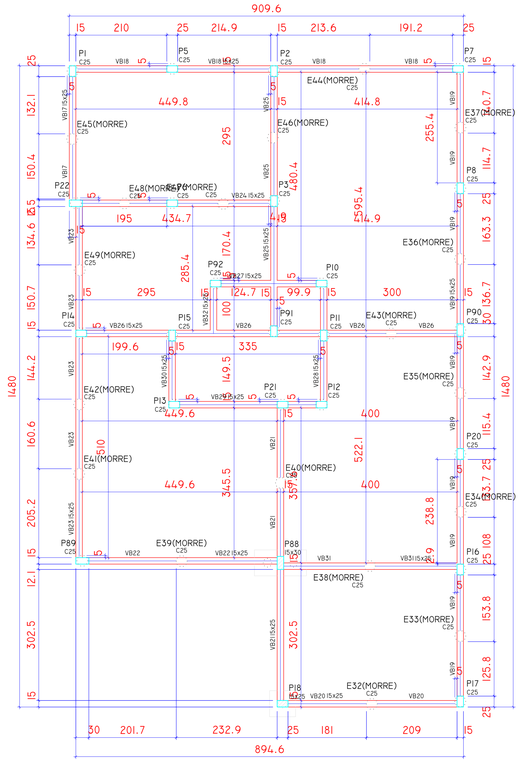
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	3518.6	1551.6
CA60	4.2	4367.9	527.3
PESO TOTAL (kg)			
CA50	1551.6		
CA60	527.3		

VOLUME DE CONCRETO (C-25) = 3.33 m³
ÁREA DE FORMA = 57.71 m²

ESTACAS

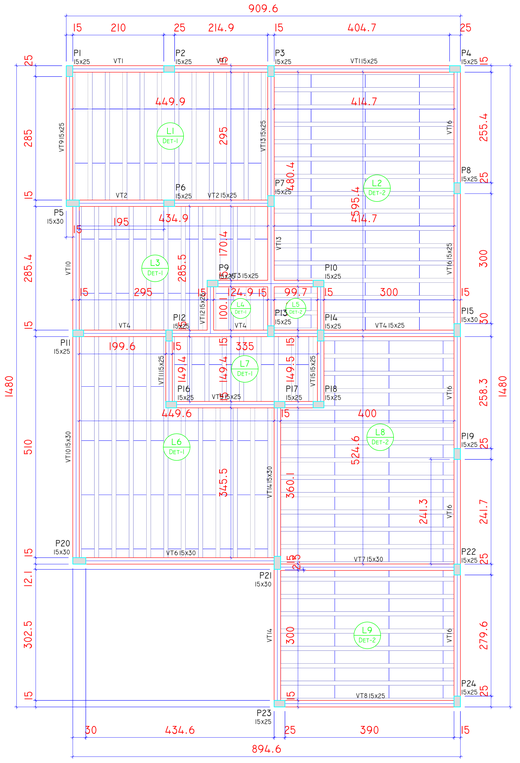
SIMBOLOGIA	NOME	Ø (cm)	QUANTIDADE
	R25A	25.00	43





FORMA DO PAVIMENTO BALDRAME (NÍVEL 0)

ESCALA 1:50



FORMA DO PAVIMENTO TERREO (NÍVEL 300)

ESCALA 1:50

RELAÇÃO DO AÇO

B21 B23

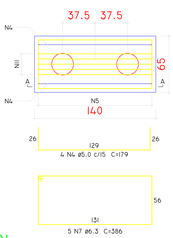
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	4	77	308
	2	4.2	5	67	335
	3	4.2	2	235	470
	4	5.0	4	179	716
	5	5.0	6	172	1032
	6	6.3	4	140	560
	7	6.3	5	386	1930
	8	6.3	5	236	1180
	9	8.0	4	60	240
	10	8.0	5	VAR	VAR
	11	8.0	5	177	885
	12	8.0	4	VAR	VAR
CA50					

RESUMO DO AÇO

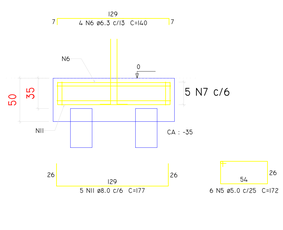
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	36.7	9.9
	8.0	17.4	7.5
CA60	4.2	11.2	1.3
	5.0	17.5	3
PESO TOTAL (kg)			
CA50	17.4		
CA60	4.3		

VOLUME DE CONCRETO (C-25) = 0.72 m³
ÁREA DE FORMA = 4.29 m²

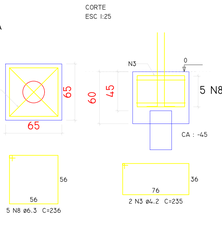
2xR25A
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25



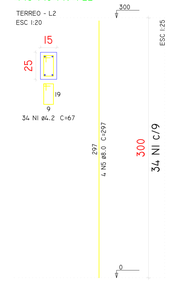
B23
1xR25A
PLANTA
ESC 1:25



CORTE
ESC 1:25

P1=P2=P3=P6=P7=P8=P9=
=P10=P11=P12=P13=P14=
=P16=P18=P19=P22

TERREO - L2
ESC 1:20



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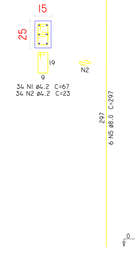
TERREO - L2
ESC 1:20



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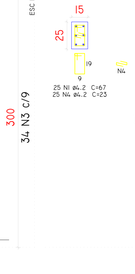
TERREO - L2
ESC 1:20

P17

TERREO - L2
ESC 1:20



P20

TERREO - L2
ESC 1:20

P21

TERREO - L2
ESC 1:20

P24

TERREO - L2
ESC 1:20

RELAÇÃO DO AÇO

16xPI
PI7
P24
2xP6
P20
2xP5
P21

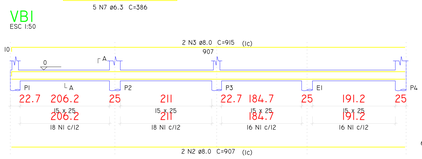
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	657	67	44019
	2	4.2	102	23	2346
	3	4.2	122	77	9394
	4	4.2	25	23	575
	5	8.0	90	297	26730
	6	10.0	6	297	1782
	7	12.5	14	297	4158
CA50					

RESUMO DO AÇO

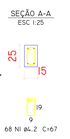
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	267.3	116
	10.0	17.9	12.1
	12.5	44.6	44.1
CA60	4.2	563.4	67.4
PESO TOTAL (kg)			
CA50	172.2		
CA60	67.4		

VOLUME DE CONCRETO (C-25) = 2.79 m³
ÁREA DE FORMA = 58.8 m²

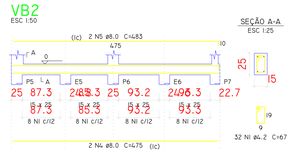
VB1
ESC 1:50



SEÇÃO A-A
ESC 1:25

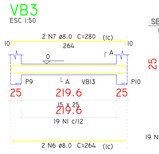


VB2
ESC 1:50

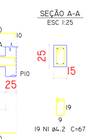


SEÇÃO A-A
ESC 1:25

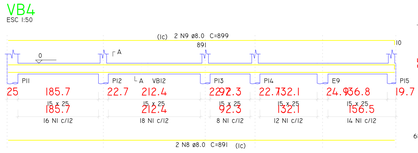
VB3
ESC 1:50



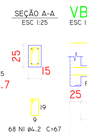
SEÇÃO A-A
ESC 1:25



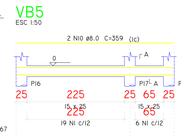
VB4
ESC 1:50



SEÇÃO A-A
ESC 1:25

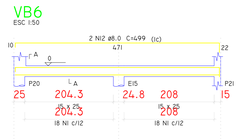


VB5
ESC 1:50



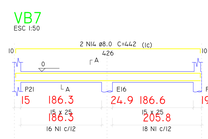
SEÇÃO A-A
ESC 1:25

VB6
ESC 1:50



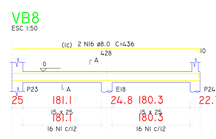
SEÇÃO A-A
ESC 1:25

VB7
ESC 1:50



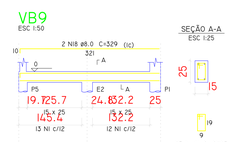
SEÇÃO A-A
ESC 1:25

VB8
ESC 1:50



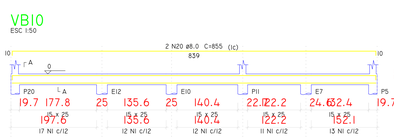
SEÇÃO A-A
ESC 1:25

VB9
ESC 1:50



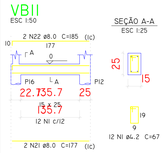
SEÇÃO A-A
ESC 1:25

VB10
ESC 1:50

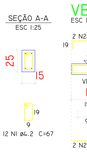


SEÇÃO A-A
ESC 1:25

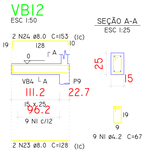
VBI1
ESC 1:50



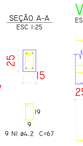
SEÇÃO A-A
ESC 1:25



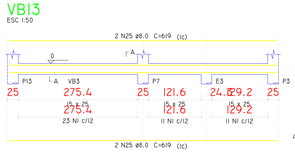
VBI2
ESC 1:50



SEÇÃO A-A
ESC 1:25

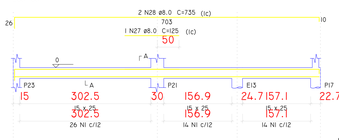


VBI3
ESC 1:50



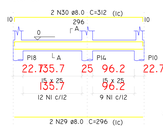
SEÇÃO A-A
ESC 1:25

VBI4
ESC 1:50

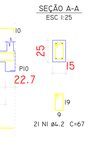


SEÇÃO A-A
ESC 1:25

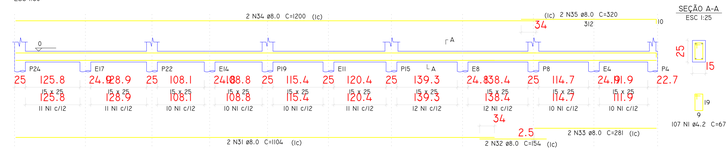
VBI5
ESC 1:50



SEÇÃO A-A
ESC 1:25



VBI6
ESC 1:50



SEÇÃO A-A
ESC 1:25

PROJETO:
ESTRUTURAL
FARMACIA

PRANCHA:
EST-01/02

RESPONSÁVEL TÉCNICO:
ANTONIO VINCENZI
ENGENHEIRO CIVIL
CREA - 15382 SP/R

PREFEITO / GESTÃO
ANTONELY C. A. DE CARVALHO
2017/2020

IBAITI
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DATA:
AGOSTO 2017

DESENHO:
ADILSON BERNARDES

OBRA:
REFORMA E AMPLIAÇÃO DO HOSPITAL MUNICIPAL DE IBAITI