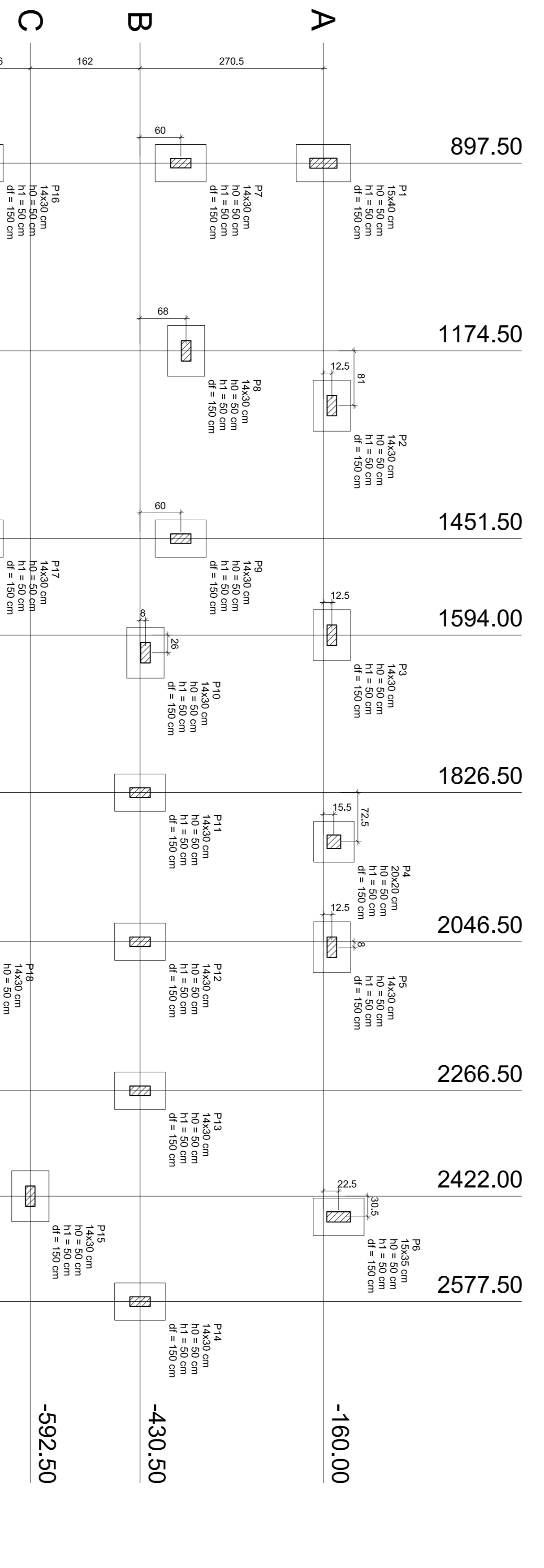


**Resumo do aço**

ACO	DIAM	C.TOTAL	PESO
CA50	10.0	210.2	126.5
CA60	5.0	253.5	39.1
<b>CA50 TOTAL</b>			<b>165.6</b>
<b>CA60</b>			<b>39.1</b>
Vol. de concreto total (C-25) = 161 m³			
Área de forma total = 33.39 m²			

**Relação do aço**

ACO	N	DIAM	Q	UNIT	C.TOTAL	PESO
CA60	2	5.0	13	98	1274	195.8
CA60	3	5.0	286	76	21772	335.1
CA60	4	5.0	13	68	884	135.4
CA60	5	5.0	102	88	1144	176.1
CA60	6	10.0	102	VAR	VAR	VAR



Nome	Seção	X	Y	Carga Max. (tf)	Pilar	Carga Min. (tf)	Mx (kgf.m)	My (kgf.m)	Fx (tf)	Fy (tf)	Lado B (cm)	Lado H (cm)	H1/Hb	df
P1	15x40	897.50	-160.00	5.9	4.0	0.0	0.0	0.0	0.4	0.2	55	80	50	150
P2	14x30	1255.46	-142.50	5.9	5.7	0.0	0.0	0.0	0.4	0.1	55	75	50	150
P3	14x30	1594.00	-142.50	5.1	5.0	0.0	0.0	0.0	0.2	0.1	55	60	50	150
P4	14x30	2054.50	-147.50	6.0	5.7	0.0	0.0	0.0	0.3	0.2	55	75	50	150
P5	15x35	2452.50	-137.50	3.8	3.6	0.0	0.0	0.0	0.2	0.2	55	50	50	150
P6	14x30	897.50	-370.50	5.3	3.3	0.0	0.0	0.0	0.3	0.4	55	75	50	150
P7	14x30	1174.50	-362.50	3.3	3.1	0.0	0.0	0.0	0.2	0.1	55	50	50	150
P8	14x30	1820.00	-422.50	2.5	2.5	0.0	0.0	0.0	0.1	0.1	55	50	50	150
P9	14x30	1620.00	-430.50	2.1	1.9	0.0	0.0	0.0	0.1	0.1	55	50	50	150
P10	14x30	1826.50	-430.50	2.8	3.4	0.0	0.0	0.0	0.1	0.3	55	75	50	150
P11	14x30	2046.50	-430.50	2.4	2.1	0.0	0.0	0.0	0.1	0.2	55	50	50	150
P12	14x30	2266.50	-430.50	2.4	2.1	0.0	0.0	0.0	0.1	0.2	55	50	50	150
P13	14x30	2422.00	-430.50	2.4	2.1	0.0	0.0	0.0	0.1	0.2	55	50	50	150
P14	14x30	2577.50	-430.50	2.4	2.1	0.0	0.0	0.0	0.1	0.2	55	50	50	150
P15	14x30	897.50	-977.45	4.9	4.7	0.0	0.0	0.0	0.2	0.1	55	75	50	150
P16	14x30	1174.50	-977.45	4.9	4.7	0.0	0.0	0.0	0.2	0.1	55	75	50	150
P17	14x30	1451.50	-977.45	4.0	2.3	0.0	0.0	0.0	0.2	0.2	55	50	50	150
P18	14x30	1451.50	-708.05	2.5	2.2	0.0	0.0	0.0	0.1	0.3	55	75	50	150
P19	14x30	1451.50	-708.05	2.5	2.2	0.0	0.0	0.0	0.1	0.3	55	75	50	150
P20	14x30	1451.50	-708.05	2.5	2.2	0.0	0.0	0.0	0.1	0.3	55	75	50	150
P21	14x30	1451.50	-708.05	2.5	2.2	0.0	0.0	0.0	0.1	0.3	55	75	50	150
P22	14x30	1451.50	-708.05	2.5	2.2	0.0	0.0	0.0	0.1	0.3	55	75	50	150
P23	14x30	1451.50	-708.05	2.5	2.2	0.0	0.0	0.0	0.1	0.3	55	75	50	150
P24	14x30	1451.50	-708.05	2.5	2.2	0.0	0.0	0.0	0.1	0.3	55	75	50	150
P25	14x30	1451.50	-708.05	2.5	2.2	0.0	0.0	0.0	0.1	0.3	55	75	50	150

**Relação do aço**

ACO	N	DIAM	Q	UNIT	C.TOTAL	PESO
CA50	1	10.0	18	142	2596	403.6
CA50	2	10.0	12	162	1944	298.2
CA50	3	12.5	13	131	1742.3	268.8
CA50	4	12.5	6	156	936	144.0
CA50	5	12.5	126	6	1926	298.2
CA50	6	12.5	126	150	1926	298.2
<b>CA50 TOTAL</b>					<b>3962.1</b>	<b>578.0</b>

**Resumo do aço**

ACO	DIAM	C.TOTAL	PESO
CA50	10.0	461.7	715.8
CA50	12.5	126	192.6
<b>CA50 TOTAL</b>		<b>587.7</b>	<b>908.4</b>

**Planta de locação**  
escala 1:50

**REFORMA E AMPLIAÇÃO DO HOSPITAL MUNICIPAL DE ITAÚBA**

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ITAÚBA - MT  
C.G.C./C.P.F.: 01.285.961/0001-27

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

ÁREAS:  
ÁREA TOTAL DA OBRIGAÇÃO: 1.302,6m²  
ÁREA DE AMPLIAÇÃO: 349,76m²  
ÁREA DE REFORMAÇÃO: 952,84m²  
ÁREA DA OBRIGAÇÃO: 1.586,08m²

ALTISSIMO PROJETO: KLEY WILLIAM AREVALO COSTA  
CREA: 120075-9/5-7

ASSINATURA: FOLIAN\*

ESTRUTURAL (CENTRO CIRÚRGICO) PLANTA DE LOCAÇÃO E FORMAS  
CORTES SAPATAS E PILARES E TOCO DE PILARES

FEVEREIRO / 2018

05 /14