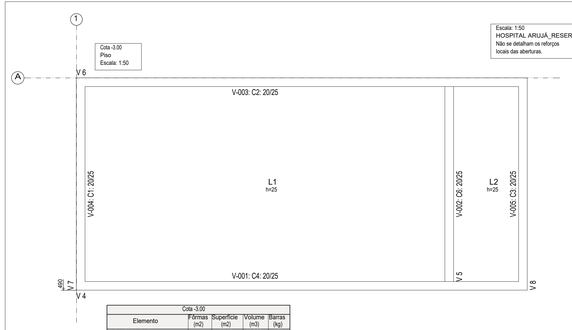
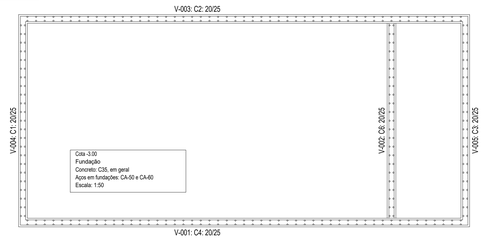
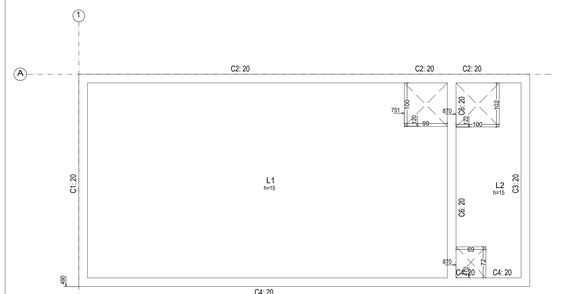
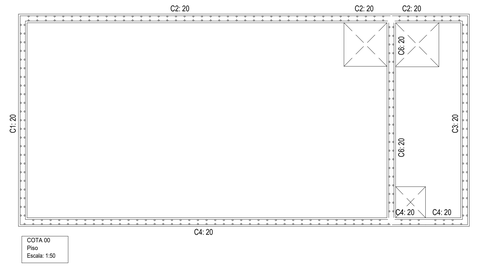


Escala: 1:50
HOSPITAL ARUJÁ_RESERVATÓRIO B
Não se detalham os reforços
locais das aberturas.



Cota -3.00				
Elemento	Fôrmas (m2)	Superfície (m2)	Volume (m3)	Barras (kg)
Lajes de fundação	-	44.13	11.030	478
Vigas	7.65	6.86	1.720	46
Total	-	50.99	12.750	524
Índices (por m2)	-	-	0.250	10.28
Superfície total: 50.99 m2				





COTA 00
Piso
Escala: 1:50

COTA 00				
Elemento	Fôrmas (m2)	Superfície (m2)	Volume (m3)	Barras (kg)
Lajes maciças	-	41.62	6.240	620
Vigas	5.07	6.86	-	-
Muros de concreto armado	-	198.87	19.887	1528
Pilares	0.00	-	-	-
Total	-	247.35	26.127	2148
Índices (por m2)	-	-	0.539	44.31
Superfície total: 48.48 m2				

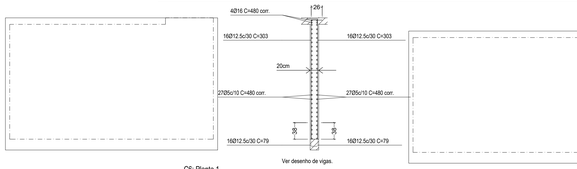
TABELA DE MEDIÇÕES

Total obra

	Tipo de aço	Referência	Comprimento (m)	Peso (kg)
Lajes de fundação	CA-50	Ø6.3	139.62	38
		Ø8	1013.62	440
			Total + 10%	**478**
Lajes maciças	CA-50	Ø10	914.92	620
			Total + 10%	**620**
Vigas de concreto	CA-60	Ø5	150.38	26
			Total + 10%	**26**
	CA-50	Ø6.3	75.52	20
			Total + 10%	**20**
Muros de concreto armado	CA-50	Ø12.5	903.88	958
		Ø16	140.08	243
			Total + 10%	**1201**
	CA-60	Ø5	1891.08	327
			Total + 10%	**327**

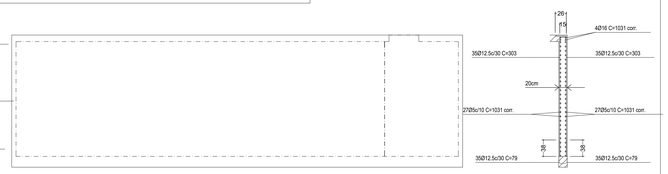
Total obra

Elemento	Fôrmas (m²)	Superfície (m²)	Volume (m³)	Barras (kg)
Lajes de fundação	-	44.13	11.030	478
Lajes maciças	-	41.62	6.240	620
Vigas	12.72	13.72	1.720	46
Muros de concreto armado	-	198.87	19.890	1528
Pilares	0.00	-	-	-
Total	**-**	**298.34**	**38.880**	**2672**
Índices (por m²)	**-**	**-**	**0.391**	**26.86**
Superfície total: 99.47 m²				



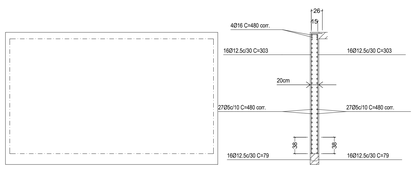
C8: Planta 1

Ver desenho de vigas.



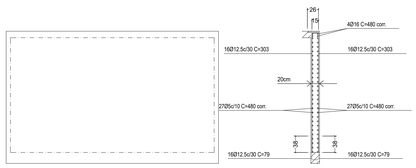
C4: Planta 1

Ver desenho de vigas.



C1: Planta 1

Ver desenho de vigas.

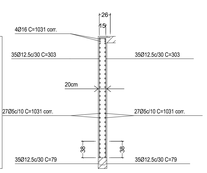


C3: Planta 1

Ver desenho de vigas.



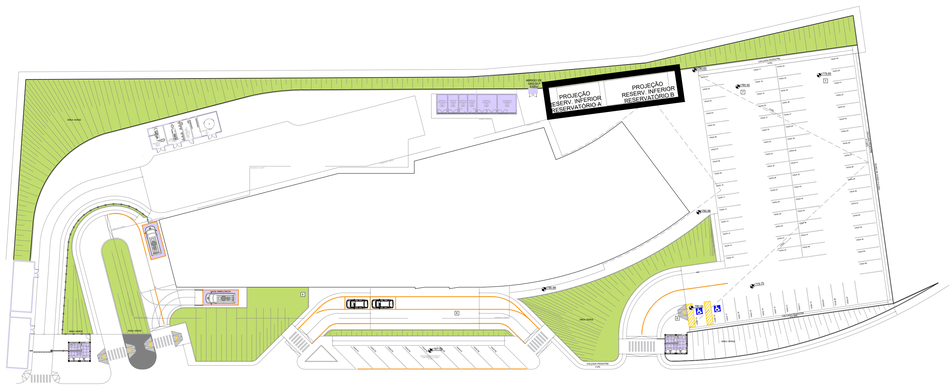
C2: Planta 1



Ver desenho de vigas.

Resumo Aço Muros de concreto armado		Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø12.5	903.9	958	
	Ø16	140.1	243	1201
CA-60	Ø5	1891.1	327	327
Total				1528

PLANTA ESTRUTURAL RESERVATÓRIOS A e B


PROJEÇÃO RESERV. INFERIOR RESERVATÓRIO A
PROJEÇÃO RESERV. INFERIOR RESERVATÓRIO B
VIGA 15/50
VIGA 15/50
VIGA 15/50