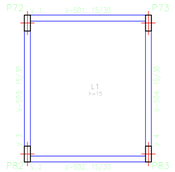
Viga +4,70
Formas
Concreto: C25, em geral
Escala: 1:50

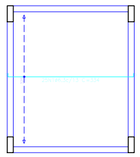
Resumo Aço Nível +4,70		Comp. total (m)	Peso+10% (kg)
Armadura longitudinal inferior			
CA-50	ø6.3	83.5	22



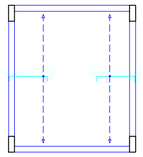
Viga +4,70
Armadura longitudinal inferior
Concreto: C25, em geral
CA-50 e CA-60
Escala: 1:50

Elemento	Pos.	Bitola	Q.	Dob. (cm)	Reto (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
Armadura longitudinal inferior	1	ø6.3	4	3	811	3	817	3268	22.4	
								Total (kg)	22.4	
								ø6.3 kg/m	22.4	0.6
								Total		23

Resumo Aço Nível +4,70		Comp. total (m)	Peso+10% (kg)
Armadura longitudinal inferior			
CA-50	ø6.3	84.5	23

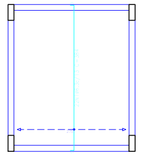


Viga +4,70
Armadura longitudinal superior
Concreto: C25, em geral
CA-50 e CA-60
Escala: 1:50

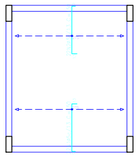


Viga +4,70
Armadura transversal inferior
Concreto: C25, em geral
CA-50 e CA-60
Escala: 1:50

Resumo Aço Nível +4,70		Comp. total (m)	Peso+10% (kg)
Armadura longitudinal superior			
CA-60	ø5	65.0	11



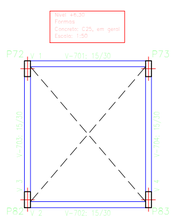
Resumo Aço Nível +4,70		Comp. total (m)	Peso+10% (kg)
Armadura transversal superior			
CA-60	ø5	68.0	11

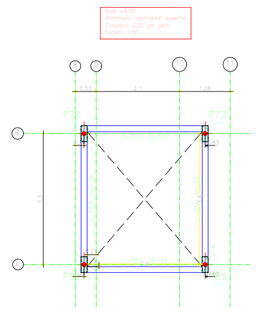
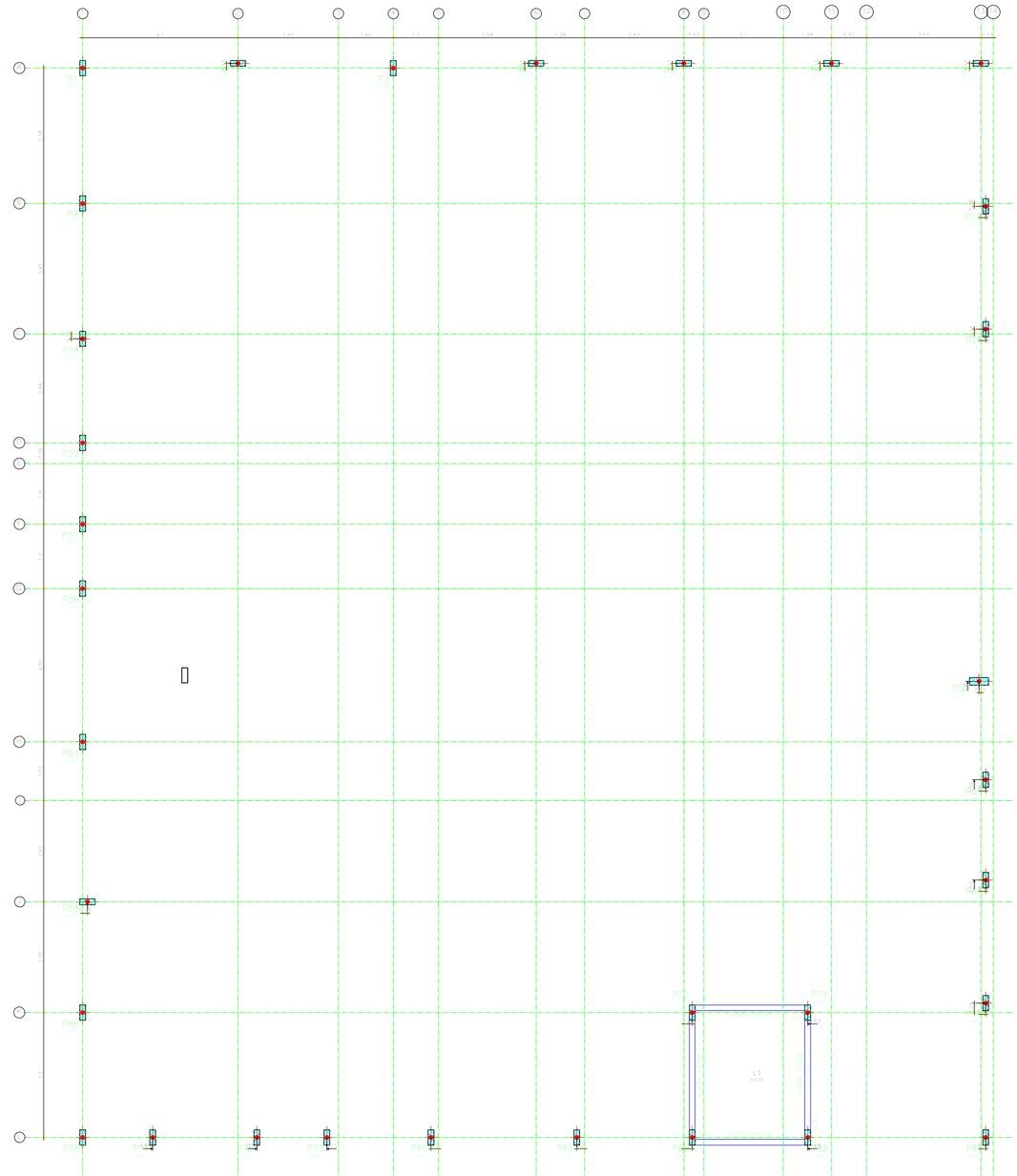


Elemento	Pos.	Bitola	Q.	Dob. (cm)	Reto (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
Armadura transversal inferior	1	ø6.3	4	3	166	3	172	688	4.7	
								Total (kg)	4.7	
Armadura longitudinal superior	2	ø5	4	3	1.05	3	1.11	4.43		1.1
	3	ø5	4	3	1.05	3	1.11	4.43		1.1
								Total (kg)		2.2
								ø6.3 kg/m	0.6	
								ø5 kg/m	1.2	
								Total	1.2	

Elemento	Comp. (m)	Peso (kg)	CA-50 (kg)	CA-60 (kg)
Viga inferior	7.30	18.1	18.1	
Viga superior	7.30	18.1		18.1
Estribo	1.70	4.2		4.2
			Total (kg)	40.4
			10%	4.0
			Total	44.4

Viga +4,70
Formas
Concreto: C25, em geral
Escala: 1:50



Elemento	Pos.	Bitola	Q.	Dob. (cm)	Reto (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
Estribo	1	ø6.3	4	3	166	3	172	688	4.7	
Grampo	2	ø5	4	3	1.05	3	1.11	4.43		1.1
								Total (kg)	4.7	1.1
								ø6.3 kg/m	0.6	
								ø5 kg/m		1.2
								Total	0.6	1.2

Viga +4,70
Armadura longitudinal superior
Concreto: C25, em geral
Escala: 1:50