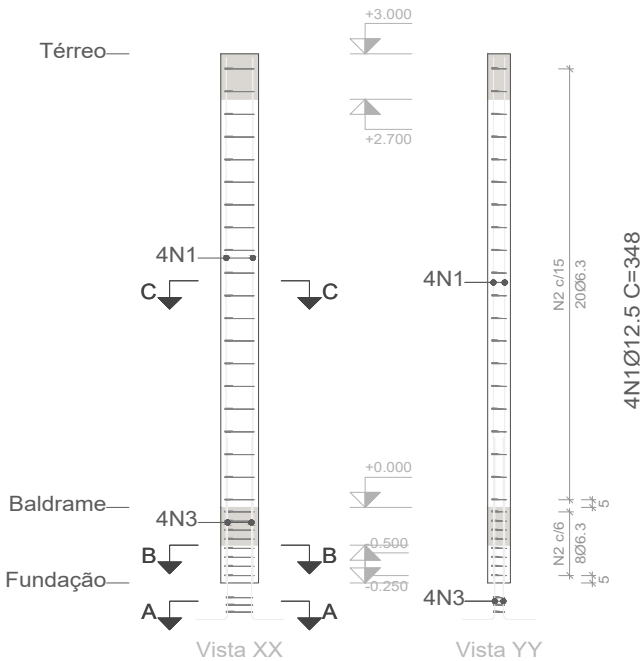
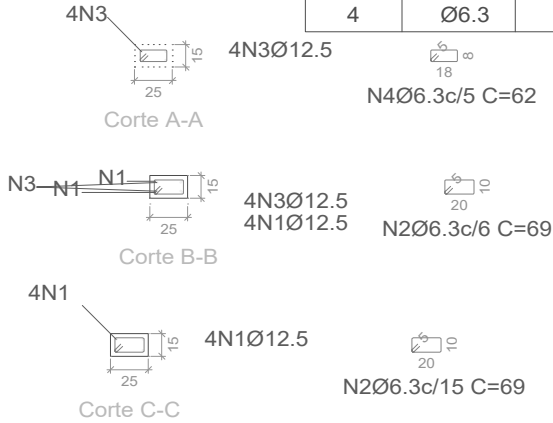


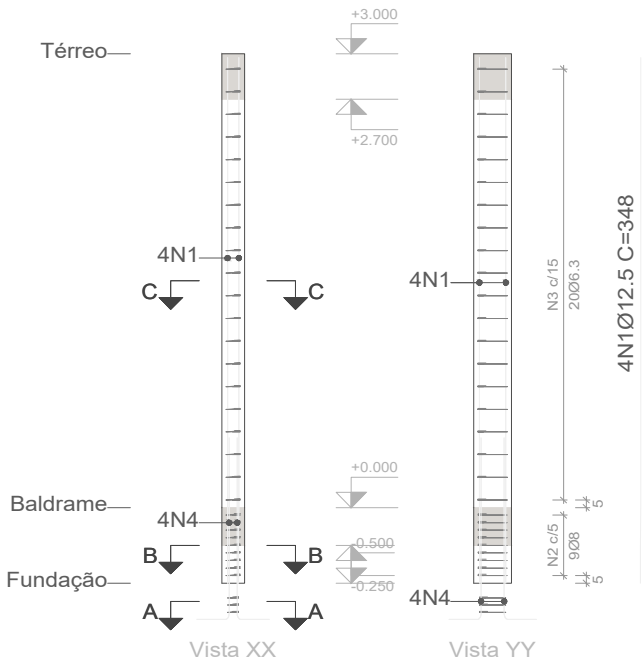
P1



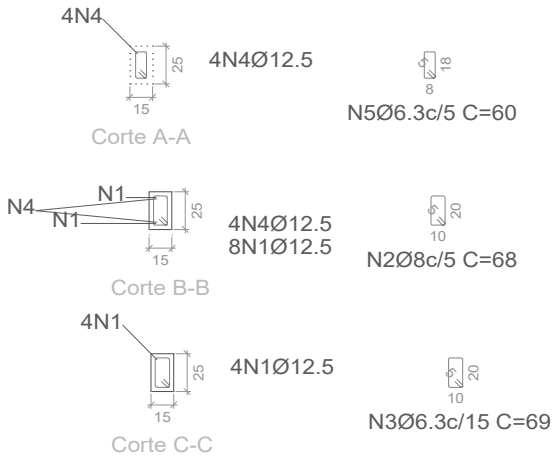
Planta	Dimensão (cm)	Concreto		Armaduras CA-50 e CA-60			Taxa (kg/m3)
		Tipo: C25, em geral Cobrimento: 2.5 cm		Longitudinal (kg)	Estribos (kg)	Total +10 % (kg)	
		Volume (m3)	Fôrmas (m2)				
Térreo	25x15	0.11	2.40	-	3.4	3.7	30.22
Baldrame		0.02	0.40	13.4	1.4	16.3	789.33
Total		0.13	2.80	13.4	4.7	20.0	138.67
4N3			Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
			1	Ø12.5	4	348	1392
			2	Ø6.3	28	69	1932
			3	Ø12.5	4	150	600
			4	Ø6.3	3	62	186



P2



Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
1	Ø12.5	4	348	1392
2	Ø8	9	68	612
3	Ø6.3	20	69	1380
4	Ø12.5	4	150	600
5	Ø6.3	3	60	180



Planta	Dimensão (cm)	Concreto		Armaduras CA-50 e CA-60			Taxa (kg/m3)
		Tipo: C25, em geral Cobrimento: 2.5 cm		Longitudinal (kg)	Estribos (kg)	Total +10 % (kg)	
		Volume (m3)	Fôrmas (m2)				
Térreo	15x25	0.11	2.40	-	3.4	3.7	30.22
Baldrame		0.02	0.40	13.4	2.4	17.4	842.67
Total		0.13	2.80	13.4	5.8	21.1	146.29

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P1	1	Ø12.5	4	348	348	1392	13.4	
	2	Ø6.3	28	20	69	1932	4.7	
	3	Ø12.5	4	120	150	600	5.8	
	4	Ø6.3	3	18	62	186	0.5	
Total+10%:							26.8	

Ø6.3:	5.7	0.0
Ø12.5:	21.1	0.0
Total:	26.8	0.0

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P2	1	Ø12.5	4	298	348	1392	13.4	
	2	Ø8	9	20	68	612	2.4	
	3	Ø6.3	20	20	69	1380	3.4	
	4	Ø12.5	4	120	150	600	5.8	
	5	Ø6.3	3	18	60	180	0.4	
Total+10%:							27.9	

Ø6.3:	4.1	0.0
Ø8:	2.7	0.0
Ø12.5:	21.1	0.0
Total:	27.9	0.0

Secretaria: Secretaria Municipal de Obras e Trânsito

Projeto: ESTRUTURAL VELÓRIO PONTE VILA Data: MARÇO/ 2023

Prancha: DETALHE PILARES

Escala: Indicada

Eng.: Túlio Henrique de Oliveira

Desenhista: TULIO



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