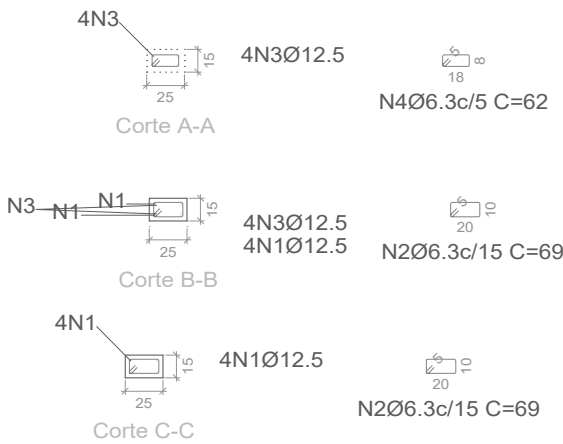
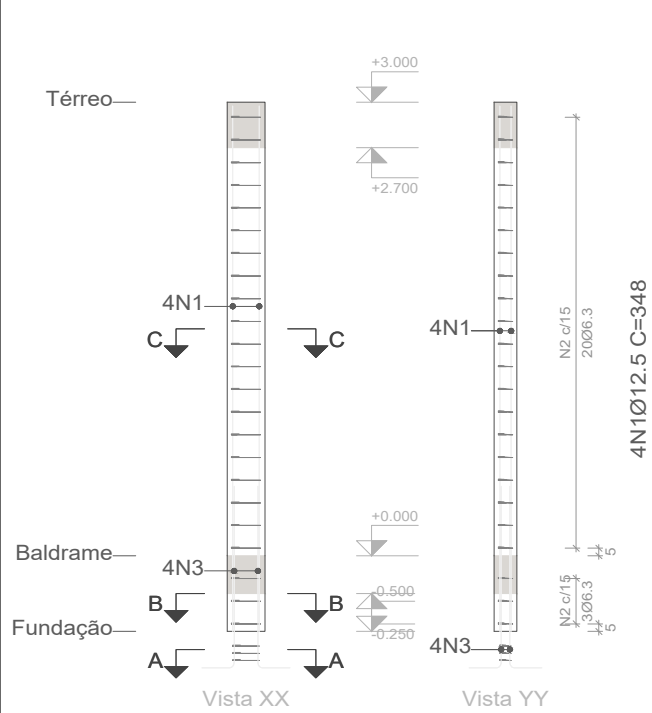


P3=P5=P9=P10=P11



Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x 5 (cm)
1	Ø12.5	4	348	1392	6960
2	Ø6.3	23	69	1587	7935
3	Ø12.5	4	150	600	3000
4	Ø6.3	3	62	186	930

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	0.56	2.40	-	3.4	3.7	6.04
Baldrame		0.09	0.40	13.4	0.5	15.3	148.27
Total (x5)		3.28	14.00	67.0	19.4	95.0	26.36

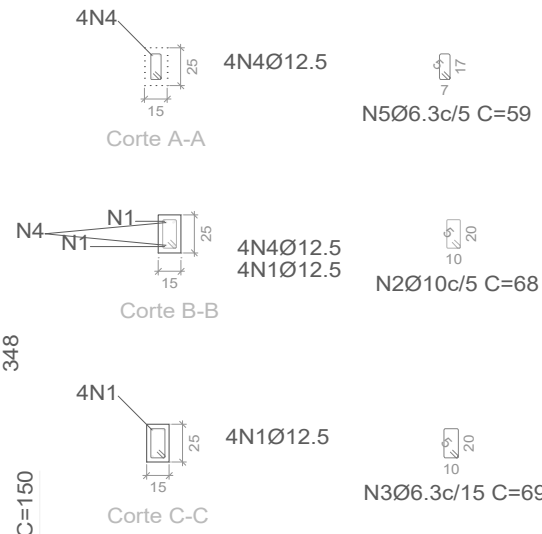
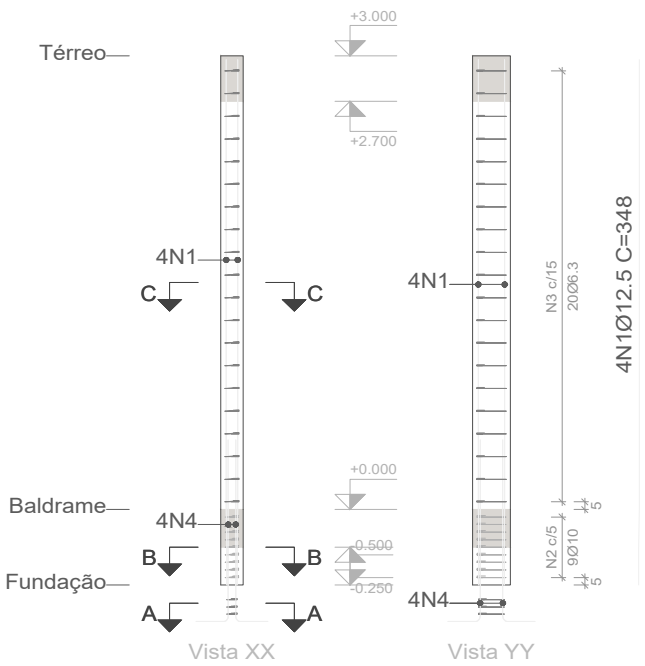
Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P3=P5=P9=P10=P11	1	Ø12.5	4	348	348	1392	13.4	
	2	Ø6.3	23	20	69	1587	3.9	
	3	Ø12.5	4	120	150	600	5.8	
	4	Ø6.3	3	18	62	186	0.5	
	Total+10%: (x5):						26.0	130.0

Ø6.3:	24.5	0.0
Ø12.5:	105.5	0.0
Total:	130.0	0.0

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P4	1	Ø12.5	4	298	348	1392	13.4	
	2	Ø10	9	20	68	612	3.8	
	3	Ø6.3	20	20	69	1380	3.4	
	4	Ø12.5	4	120	150	600	5.8	
	5	Ø6.3	3	17	59	177	0.4	
Total+10%:						29.5		

Ø6.3:	4.2	0.0
Ø10:	4.2	0.0
Ø12.5:	21.1	0.0
Total:	29.5	0.0

P4



Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
1	Ø12.5	4	348	1392
2	Ø10	9	68	612
3	Ø6.3	20	69	1380
4	Ø12.5	4	150	600
5	Ø6.3	3	59	177

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	3.8	18.9	917.33
Total		0.13	2.80	13.4	7.2	22.6	156.95

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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