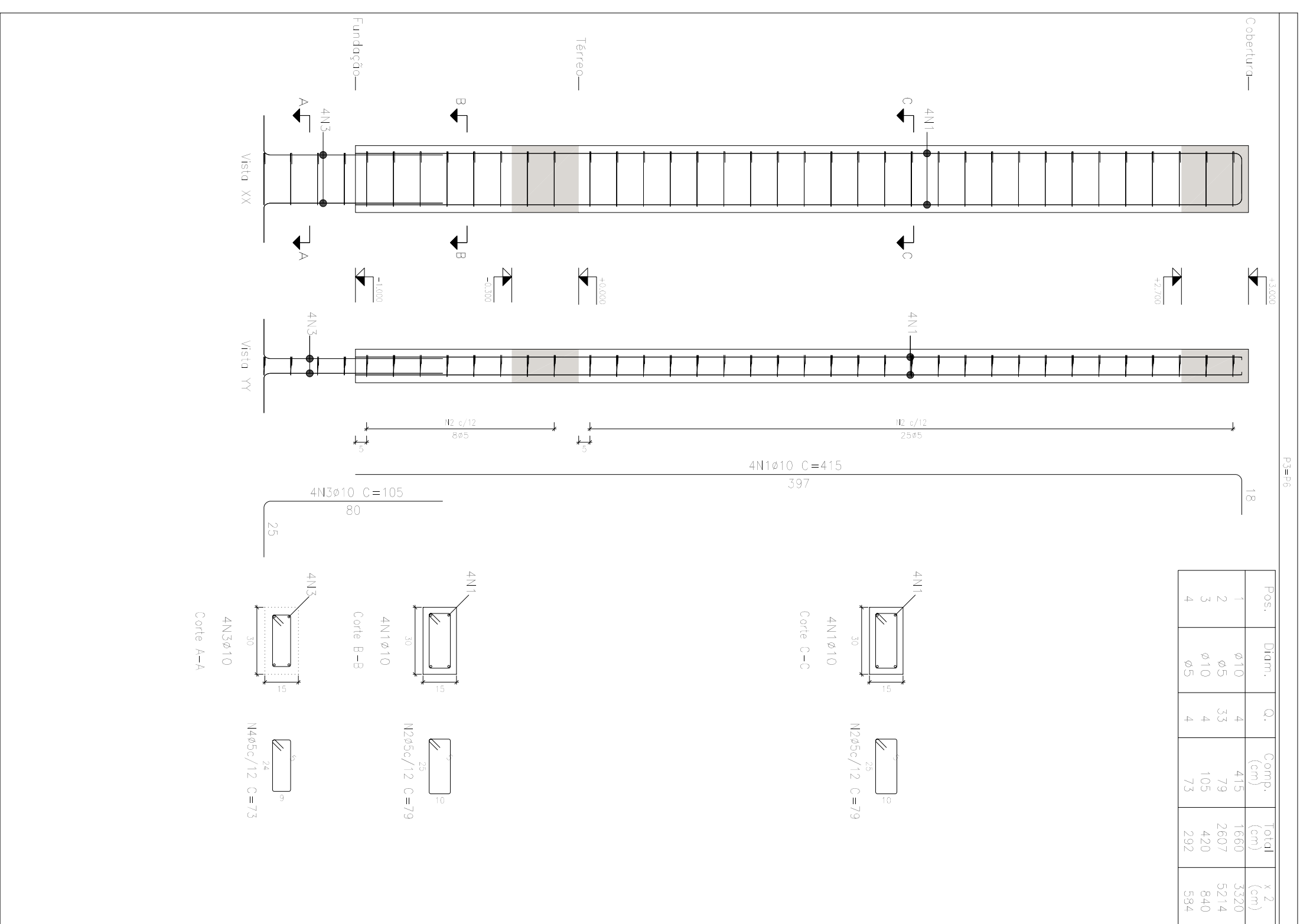
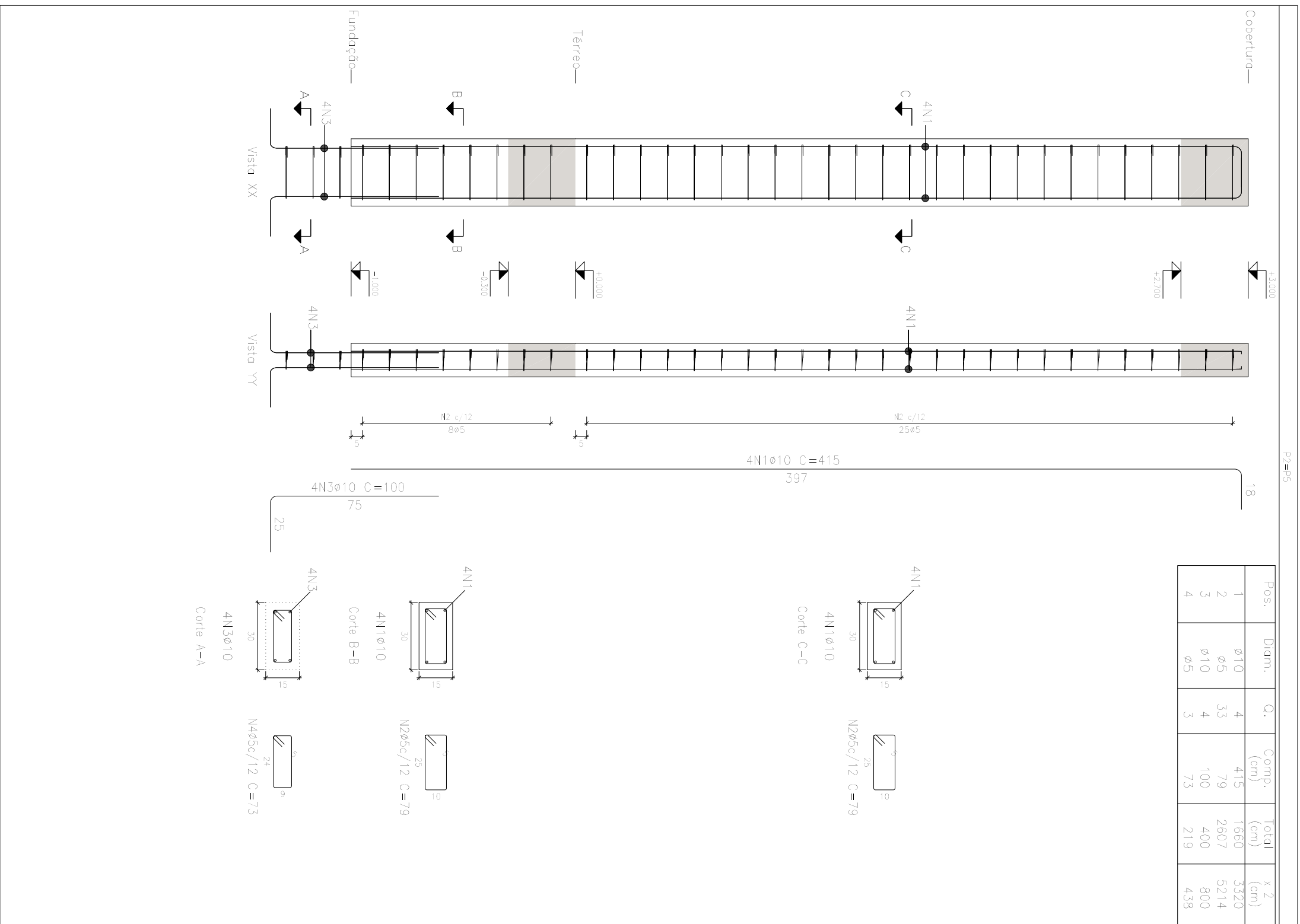
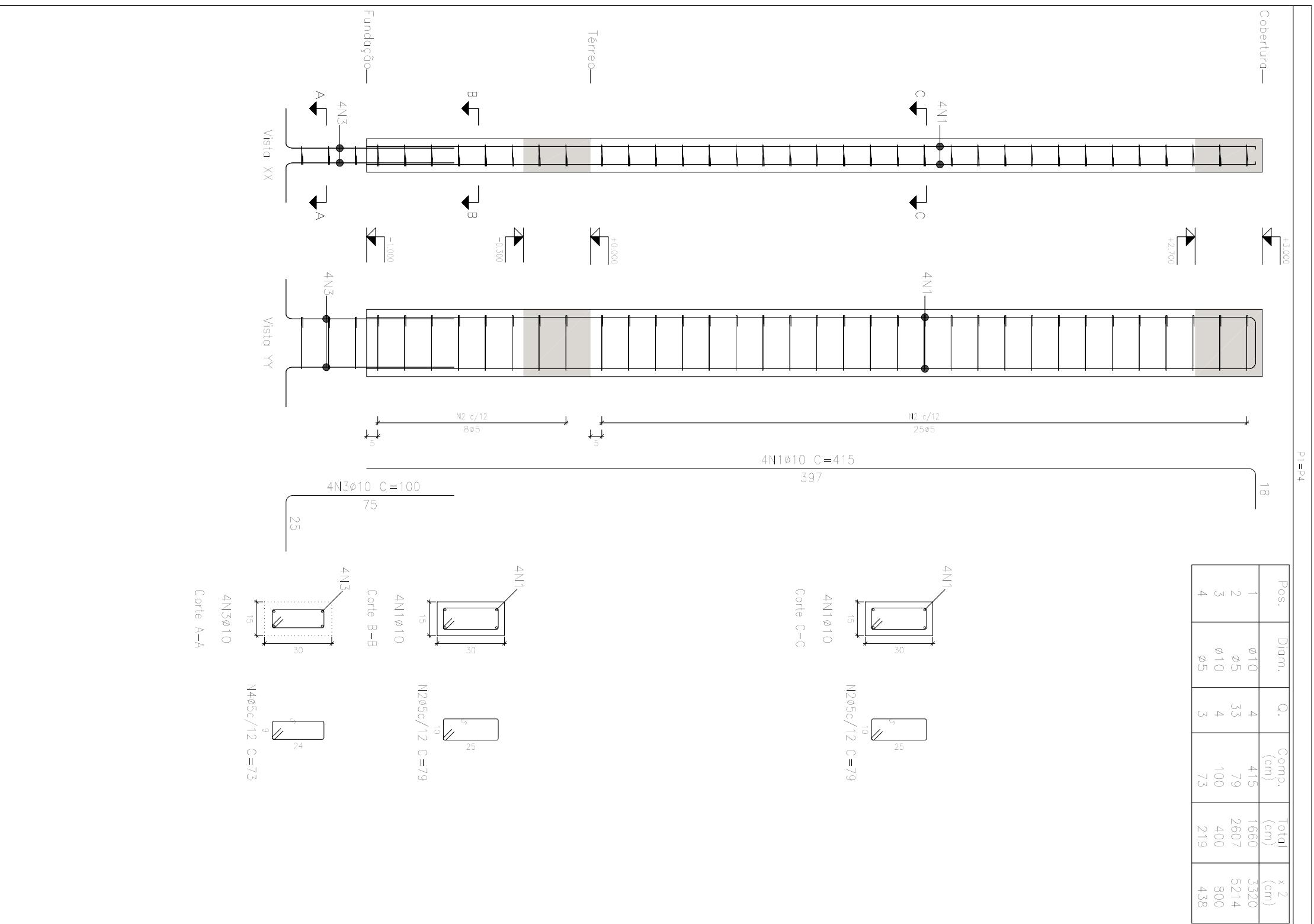
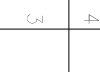
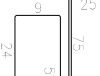

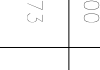
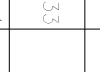
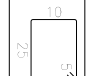








## 05 DETALHAMENTO PILARES

### ESCALA 1/50



Elemento	Pos.	Diam. $\phi$	Esqueja (cm)	Comp. $\text{Total}$ (cm)	$\text{Total} \pm 5$ (cm)	$\text{CA} \pm 5$ (kg)	$\text{CA} \pm 5$ (kg)
$P1 = 24$	1	$\phi 10$	4 	415	1660	10.2	
	2	$\phi 5$	33 	79	2607		4.1
	3	$\phi 10$	4 	100	400	2.5	
	4	$\phi 5$	3 	73	219		0.3
				$\text{Total} \pm 10 \pm 14.0$ (x2): 28.0		4.8	5.6
$P2 = 25$	1	$\phi 10$	4 	415	1660	10.2	
	2	$\phi 5$	33 	79	2607		4.1
	3	$\phi 10$	4 	100	400	2.5	
	4	$\phi 5$	3 	73	219		0.3
				$\text{Total} \pm 10 \pm 14.0$ (x2): 28.0		4.8	5.6
$P3 = 8$	1	$\phi 10$	4 	415	1660	10.2	
	2	$\phi 5$	33 	79	2607		4.1
	3	$\phi 10$	4 	105	420	2.6	
	4	$\phi 5$	4 	73	292		0.5
				$\text{Total} \pm 10 \pm 14.1$ (x2): 28.2		5.1	10.2

Resumo Aço Pilares	Comp. total (m)	Peso + 10% (kg)	Total
CA-50 Ø 10	124.0	84	84
CA-60 Ø 5	171.0	30	30
Total			114

Pilares que nascem em Terreno e chegam em Cobertura  
Concreto: C25, em geral  
Aço das barras: CA-50 e CA-60  
Aço dos estribos: CA-50 e CA-60

DES. N°[illegible]