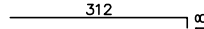
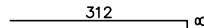
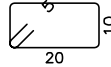
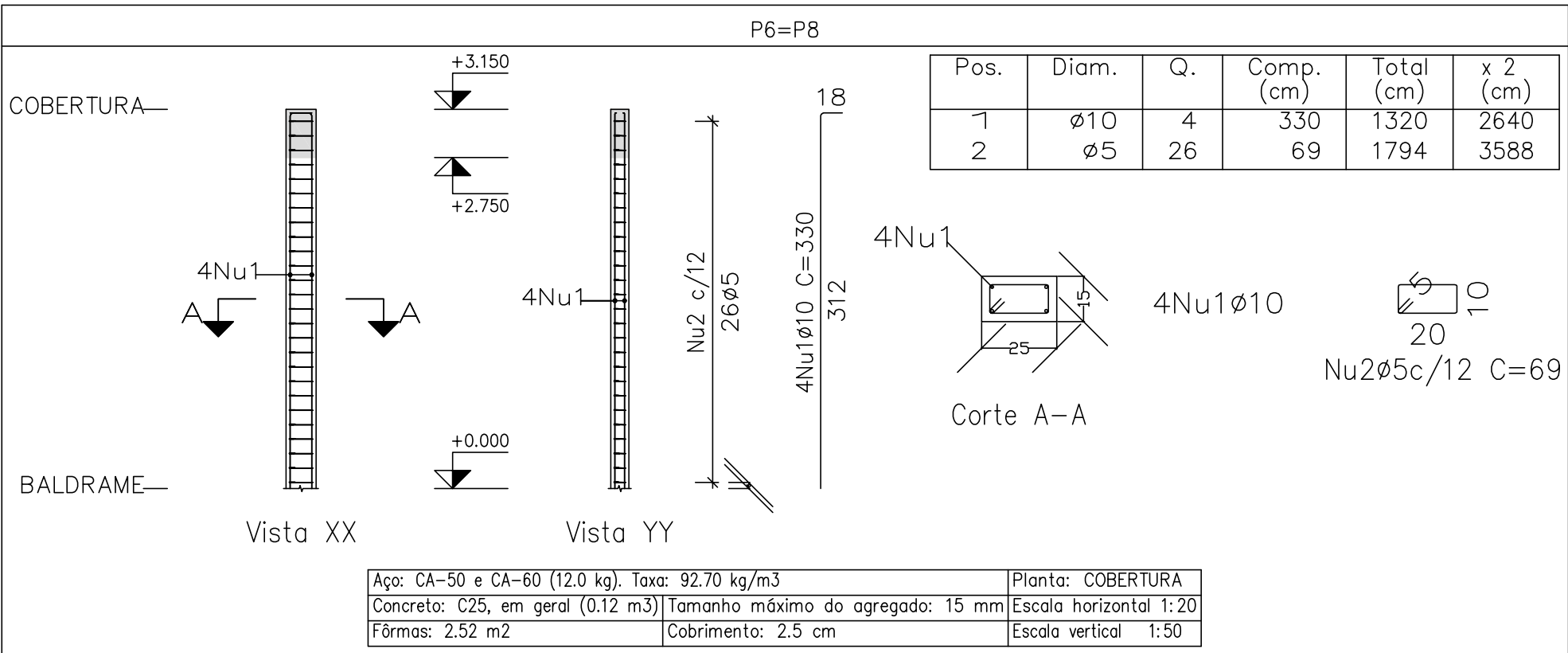
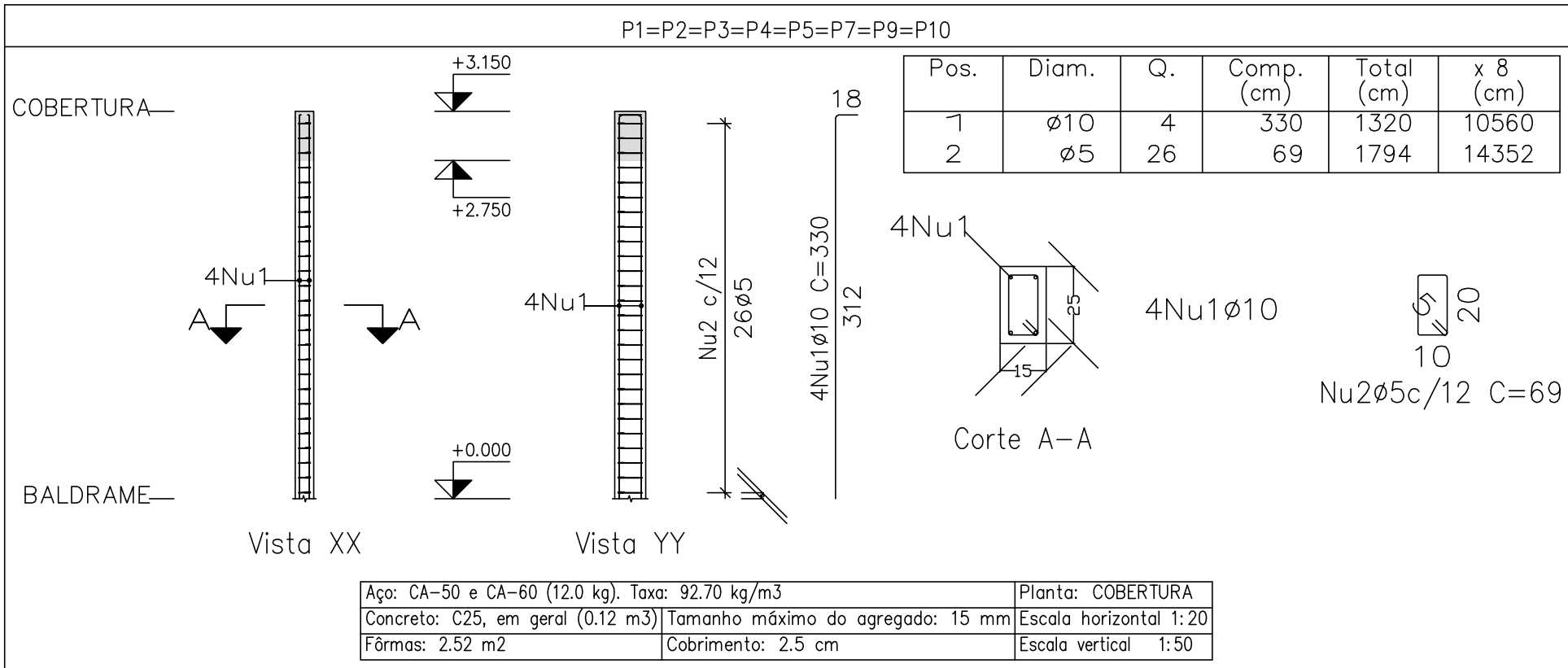


Resumo Aço Pilares	Comp. total (m)	Peso+10% (kg)	Total
CA-50 Ø10	132.0	89	89
CA-60 Ø5	179.4	31	31
Total			120

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P1=P2=P3=P4=P5 P7=P9=P10	1	∅10	4		330	1320	8.1	
	2	∅5	26		69	1794		2.8
	Total+10% (x8):						8.9 71.2	3.1 24.8
P6=P8	1	∅10	4		330	1320	8.1	
	2	∅5	26		69	1794		2.8
	Total+10% (x2):						8.9 17.8	3.1 6.2
						∅5:	0.0	31.0
						∅10:	89.0	0.0
						Total:	89.0	31.0



Projeto: OBRA COMERCIAL		Data: ABRIL/25
Local: ZONA RURAL – GRÃO MOGOL		
Nome: PREFEITURA MUNICIPAL DE GRÃO MOGOL		
Des.no.:	Planta: CÁLCULO ESTRUTURAL SALA DE ATENDIMENTO	
Autor: JOSÉ MAGNO SARMENTO – CREA-MG 32.278/D		04/08