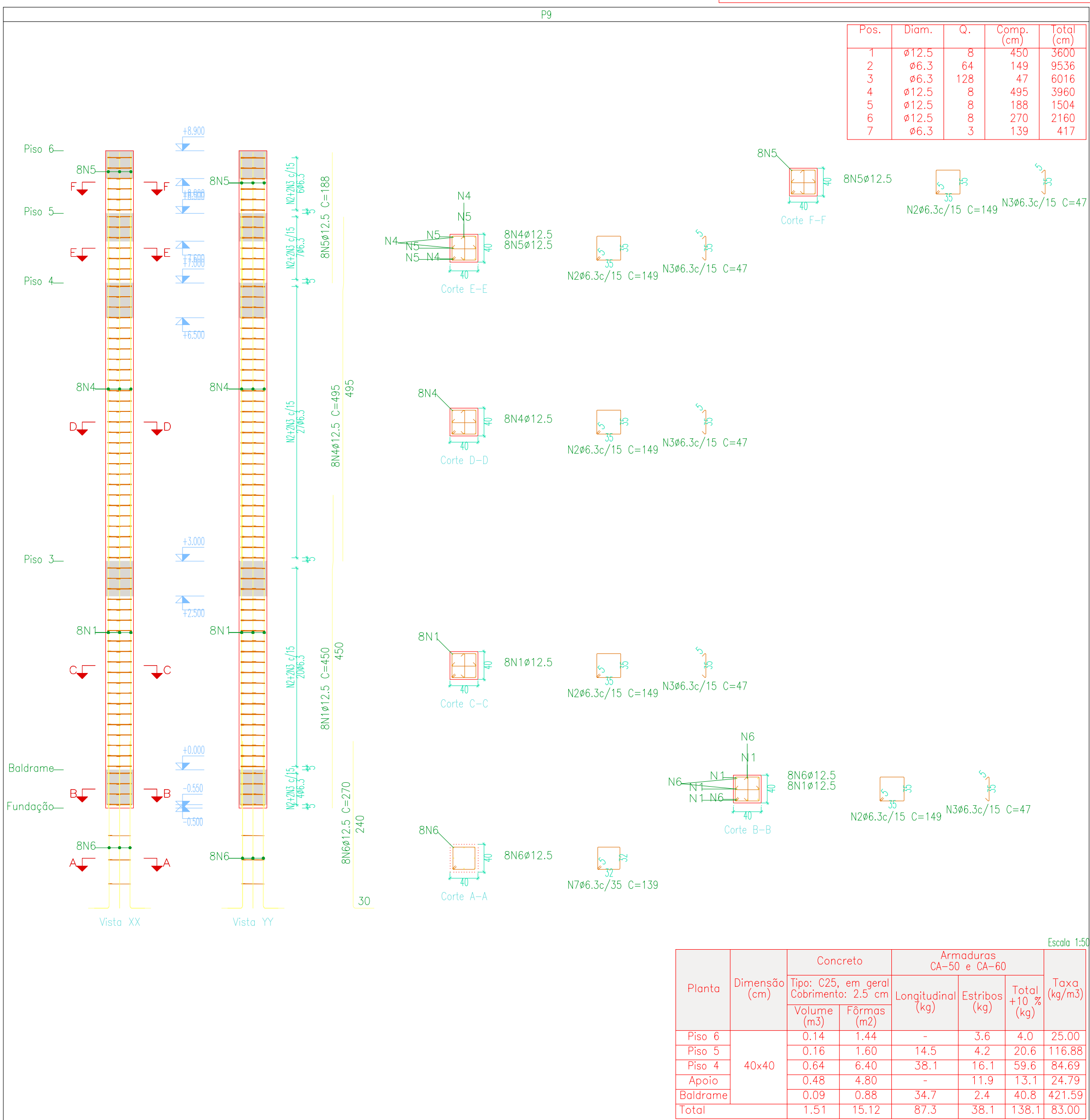


Resumo Aço Pilares	Comp. total (m)	Peso+10% (kg)	Total
CA-50 Ø6.3	1190.1	321	2139
Ø8	840.5	365	
Ø12.5	1078.5	1143	
Ø16	178.5	310	

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA=50 (kg)	CA=60 (kg)
P1=P2	1	ø16	4		175	700	11.1	
	2	ø12.5	20		150	3000	28.9	
	3	ø8	5		348	17748	70.1	
	4	ø8	102		238	24276	95.9	
	5	ø16	4		720	2880	45.5	
	6	ø12.5	20		715	14300	137.7	
	7	ø16	4		295	1180	18.6	
	8	ø12.5	20		270	5400	52.0	
	9	ø6.3	3		338	1014	2.5	
	10	ø6.3	6		94	564	1.4	
Total+10%:510.1 (x2)4020.2								
P9	1	ø12.5	8		450	3600	34.7	
	2	ø6.3	64		149	9536	23.4	
	3	ø6.3	128		47	6016	14.7	
	4	ø12.5	8		495	3960	38.1	
	5	ø12.5	8		188	1504	14.5	
	6	ø12.5	8		270	2160	20.8	
	7	ø6.3	3		139	417	1.0	
Total+10%:161.9								
							ø6.3: 51.6	0.0
							ø8: 365.2	0.0
							ø12.5:599.9	0.0
							ø16: 165.4	0.0
							Total:1182.1	0.0



Projeto: ESTRUCTURAL		Data: 16/11/2023
Local: MG-050 MG-439		
Nome: PORTAL		
Des.no.:	Planta: ESTRUCTURAL	
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