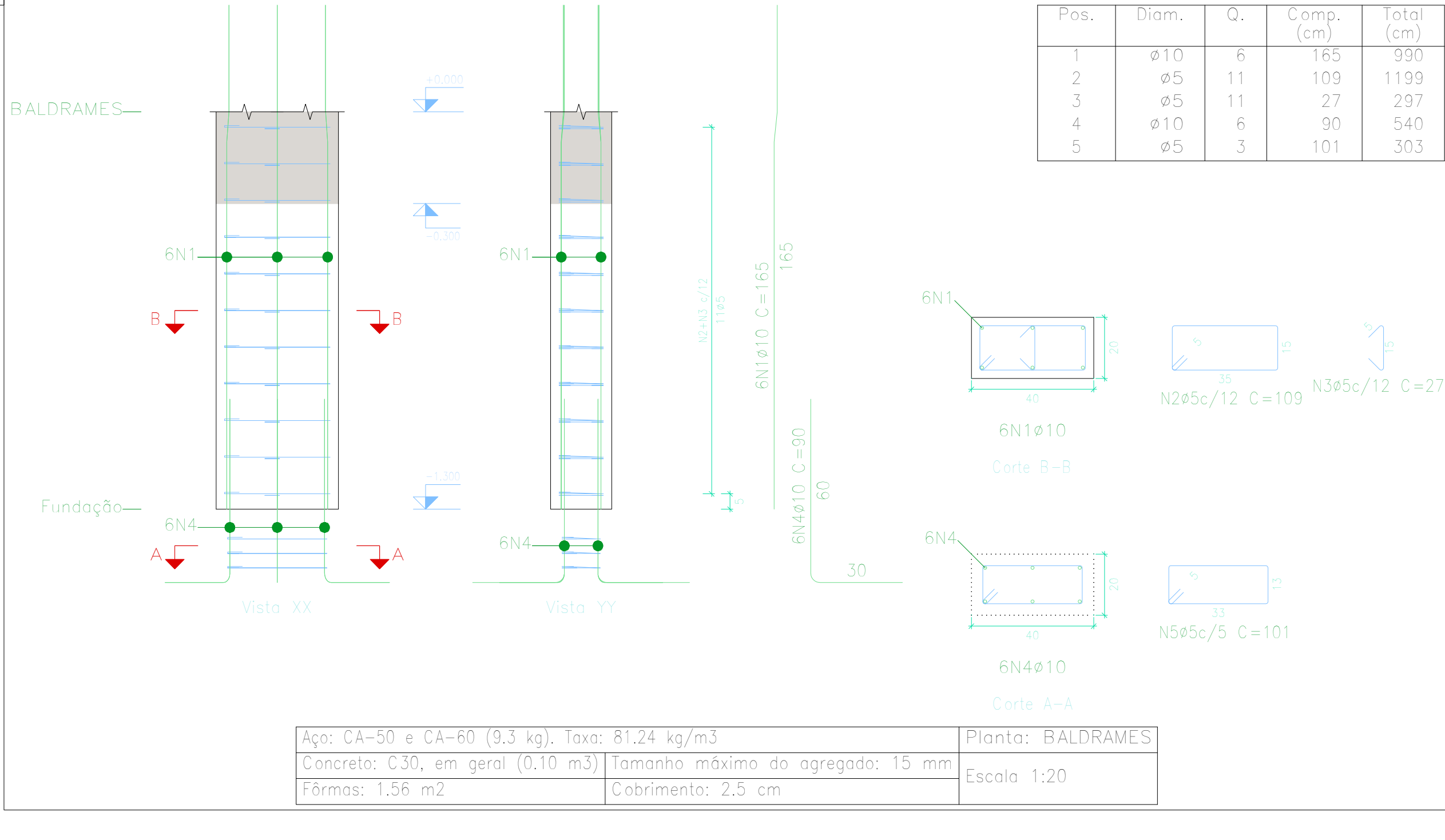
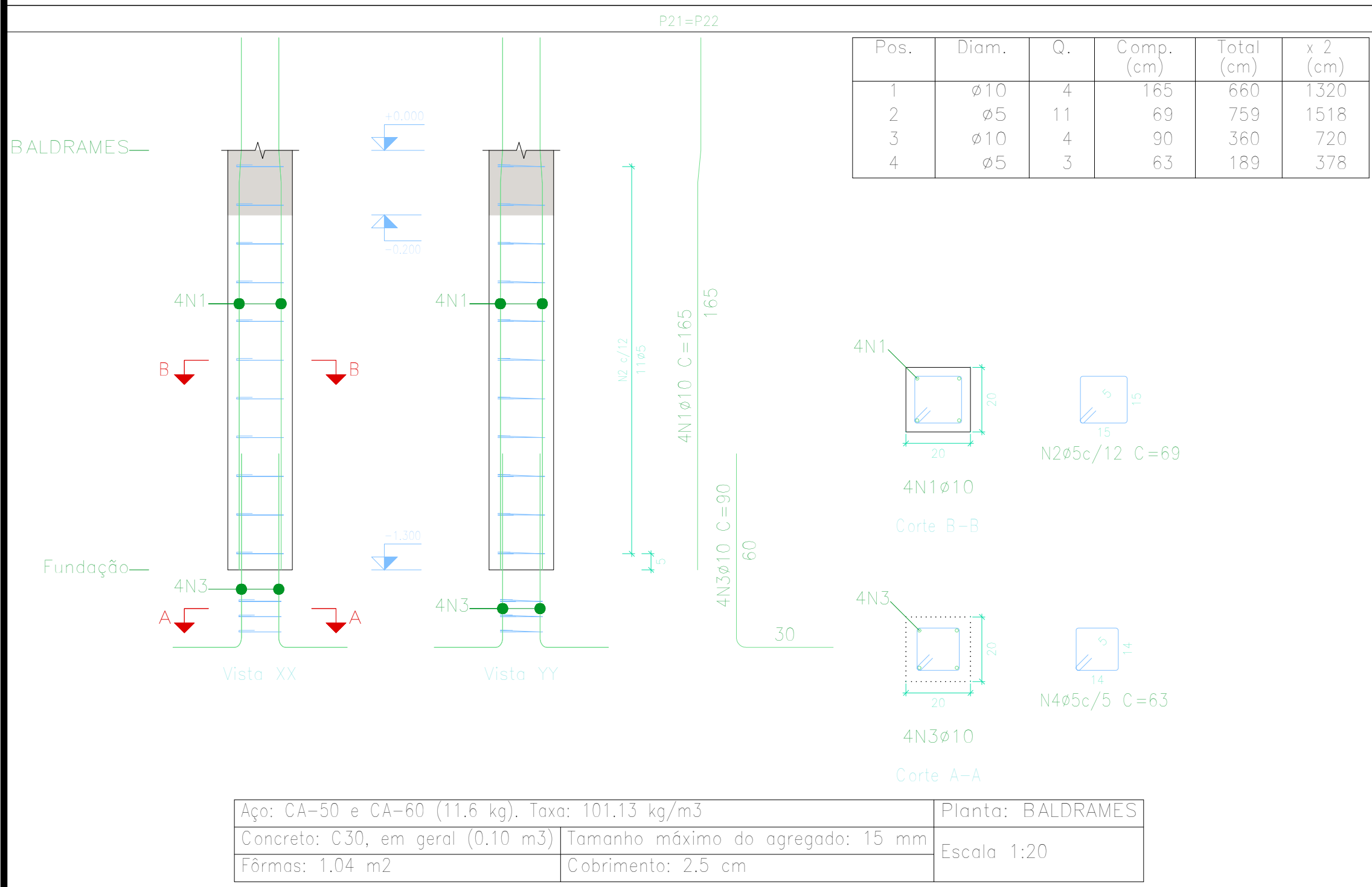
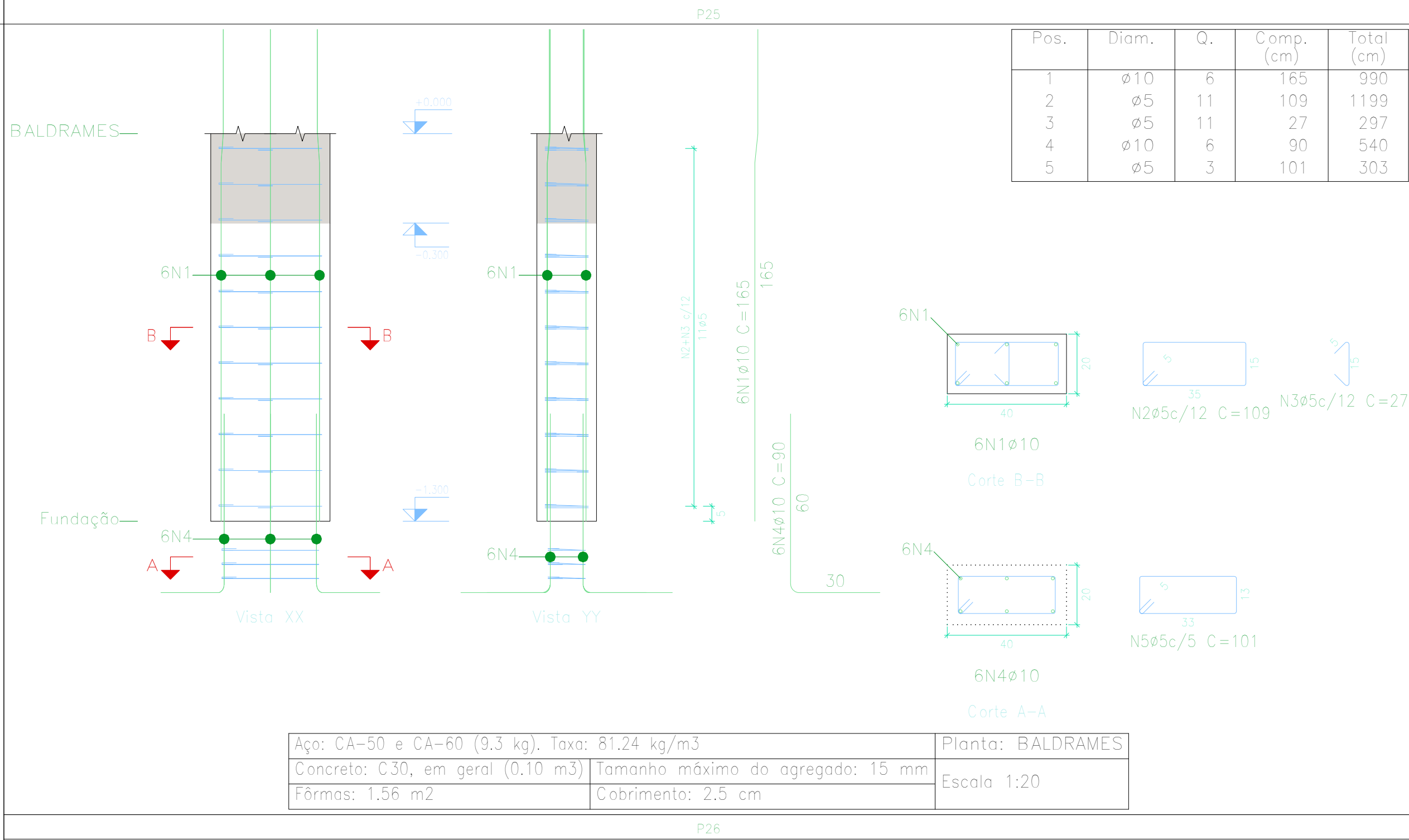
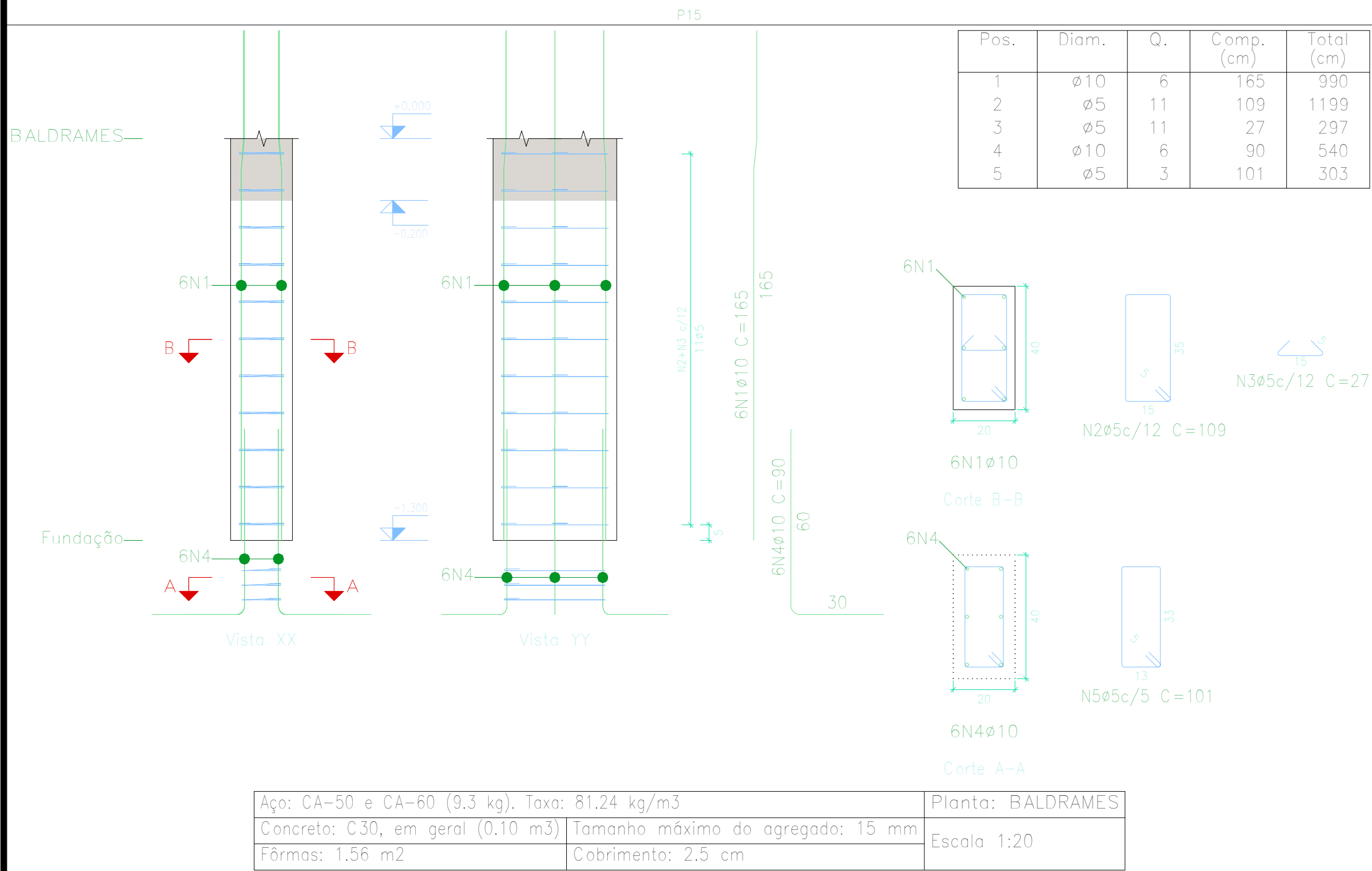
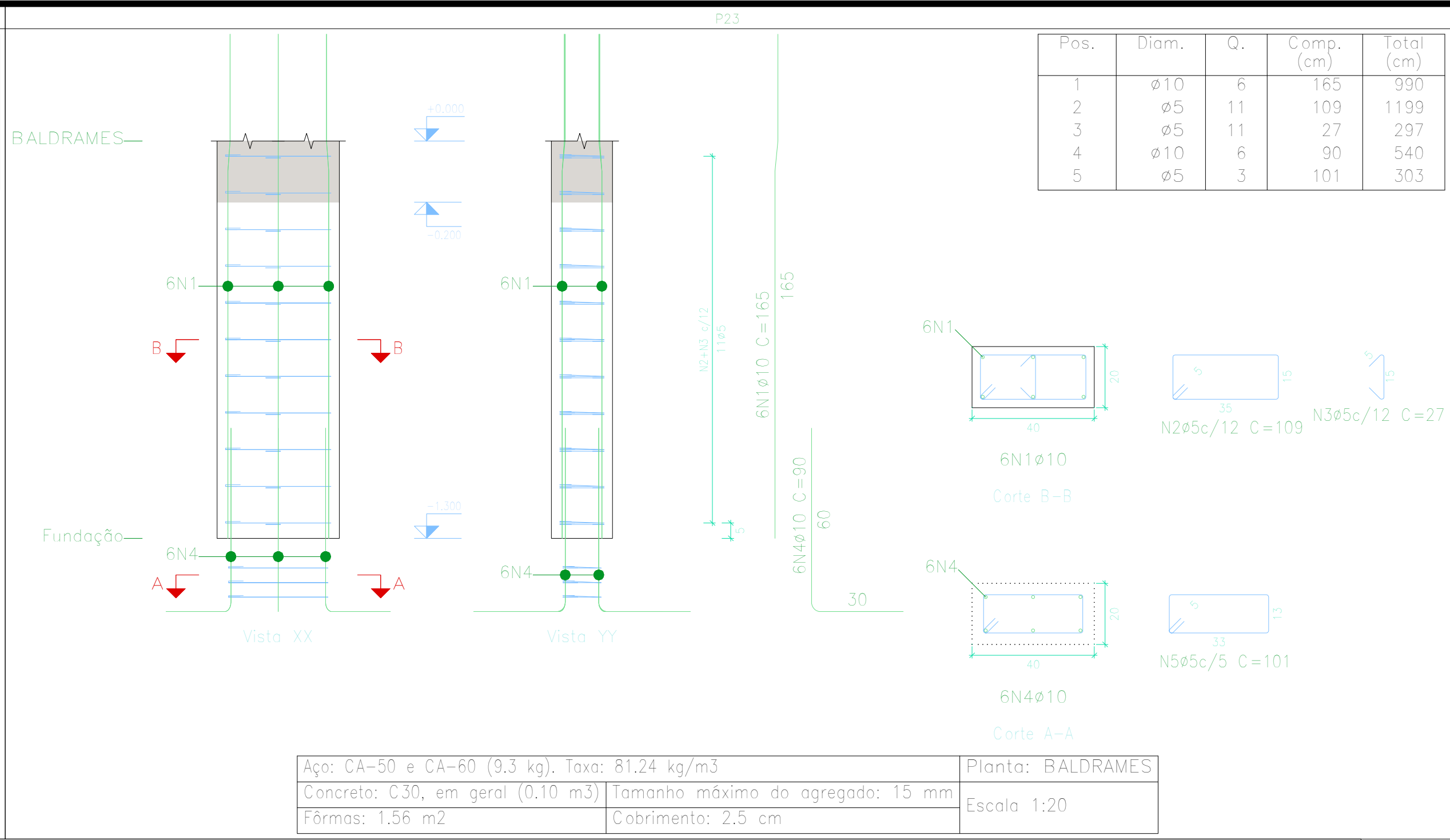
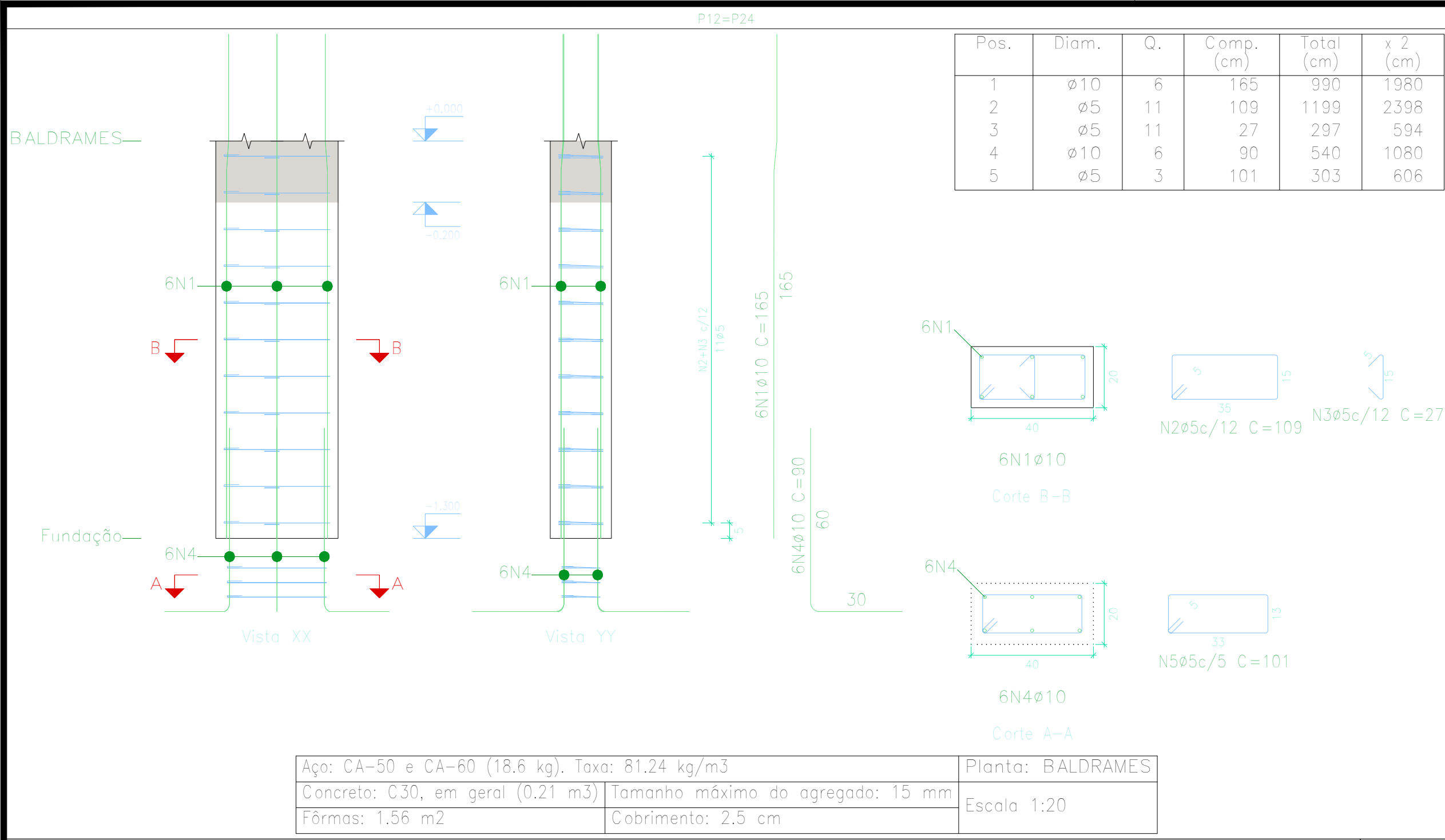




Resumo Aço Pilares	Comp. total (m)	Peso+10% (kg)	Total
CA-50 ø10	540.6	366	
ø12.5	44.8	47	413
CA-60 ø5	696.7	121	121
Total			534

Planta: BALDRAMES
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P12=P24	1	ø10	6		165	990	6.1	
	2	ø5	11		109	1199		1.9
	3	ø5	11		27	297		0.5
	4	ø10	6		90	540	3.3	
	5	ø5	3		101	303		0.5
Total+10% (x2)							10.3	3.2
							20.6	6.4
							ø5: 0.0	3.2
							ø10: 10.3	0.0
							Total: 20.6	6.4

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P15	1	ø10	6		165	990	6.1	
	2	ø5	11		109	1199		1.9
	3	ø5	11		27	297		0.5
	4	ø10	6		90	540	3.3	
	5	ø5	3		101	303		0.5
Total+10% (x2)							10.3	3.2
							ø5: 0.0	3.2
							ø10: 10.3	0.0
							Total: 10.3	3.2

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P21=P22	1	ø10	4		165	660	4.1	
	2	ø5	11		69	759		1.2
	3	ø10	4		90	360	2.2	
	4	ø5	3		63	189		0.3
Total+10% (x2)							6.9	1.7
							13.8	3.4
							ø5: 0.0	3.4
							ø10: 13.8	0.0
							Total: 13.8	3.4

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P23	1	ø10	6		165	990	6.1	
	2	ø5	11		109	1199		1.9
	3	ø5	11		27	297		0.5
	4	ø10	6		90	540	3.3	
	5	ø5	3		101	303		0.5
Total+10% (x2)							10.3	3.2
							ø5: 0.0	3.2
							ø10: 10.3	0.0
							Total: 10.3	3.2

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P25	1	ø10	6		165	990	6.1	
	2	ø5	11		109	1199		1.9
	3	ø5	11		27	297		0.5
	4	ø10	6		90	540	3.3	
	5	ø5	3		101	303		0.5
Total+10% (x2)							10.3	3.2
							ø5: 0.0	3.2
							ø10: 10.3	0.0
							Total: 10.3	3.2

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P26	1	ø10	6		165	990	6.1	
	2	ø5	11		109	1199		1.9
	3	ø5	11		27	297		0.5
	4	ø10	6		90	540	3.3	
	5	ø5	3		101	303		0.5
Total+10% (x2)							10.3	3.2
							ø5: 0.0	3.2
							ø10: 10.3	0.0
							Total: 10.3	3.2

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P26	1	ø10	6		165	990	6.1	
	2	ø5	11		109	1199		1.9
	3	ø5	11		27	297		0.5
	4	ø10	6		90	540	3.3	
	5	ø5	3		101	303		0.5
Total+10% (x2)							10.3	3.2
							ø5: 0.0	3.2
							ø10: 10.3	0.0
							Total: 10.3	3.2

PROJETO:	PROJETO ESTRUTURAL - UBS PORTE 1
LOCAL:	Município de Mirandiba - PE
PROPRIETÁRIO:	Município de Mirandiba - CNPJ: 11.043.312/0001-07
CONTEÚDO:	PROJETO ESTRUTURAL
ESCALA:	INDICADA
DATA:	MAIO/2024

Arranque de pilares

02.20