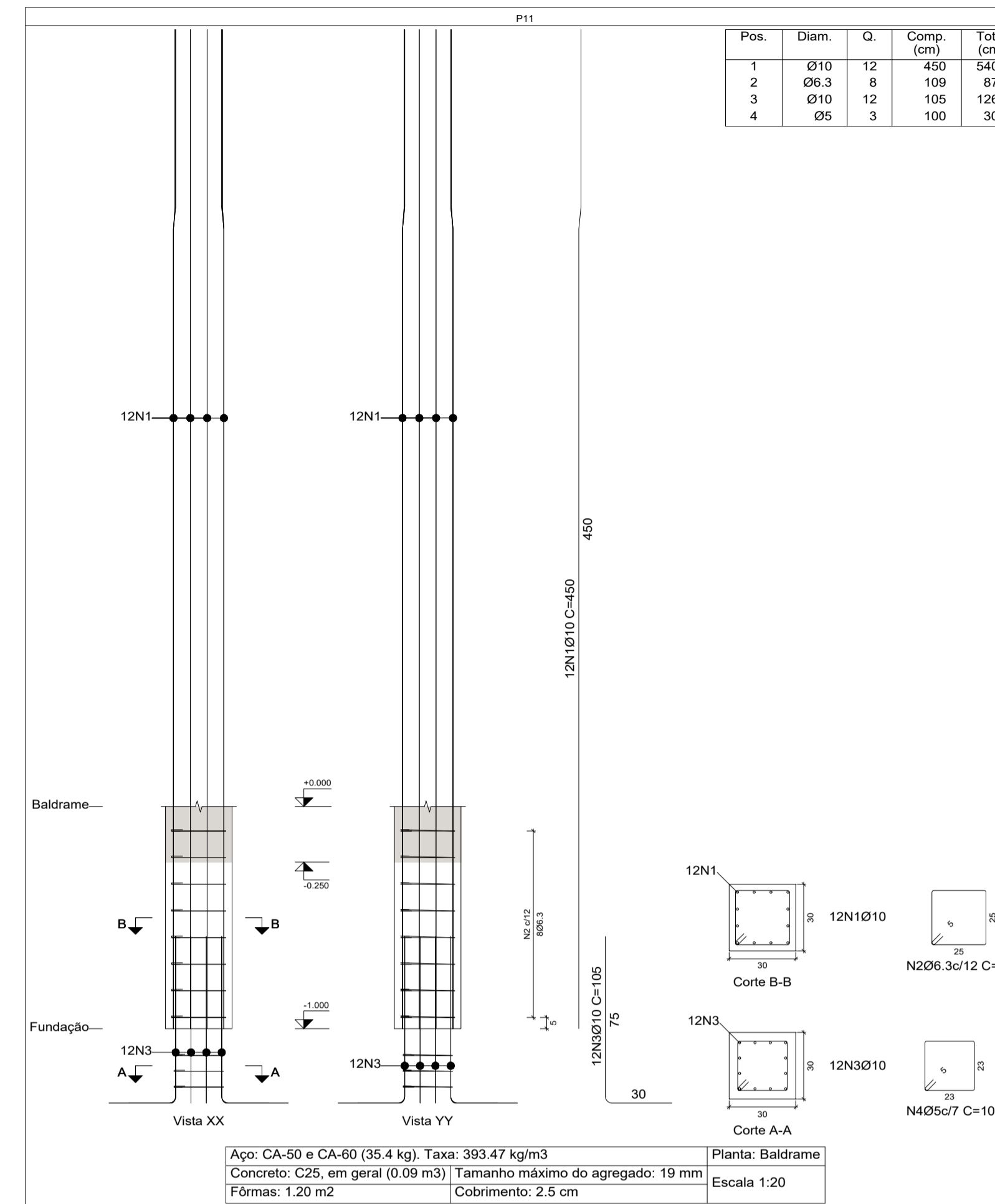
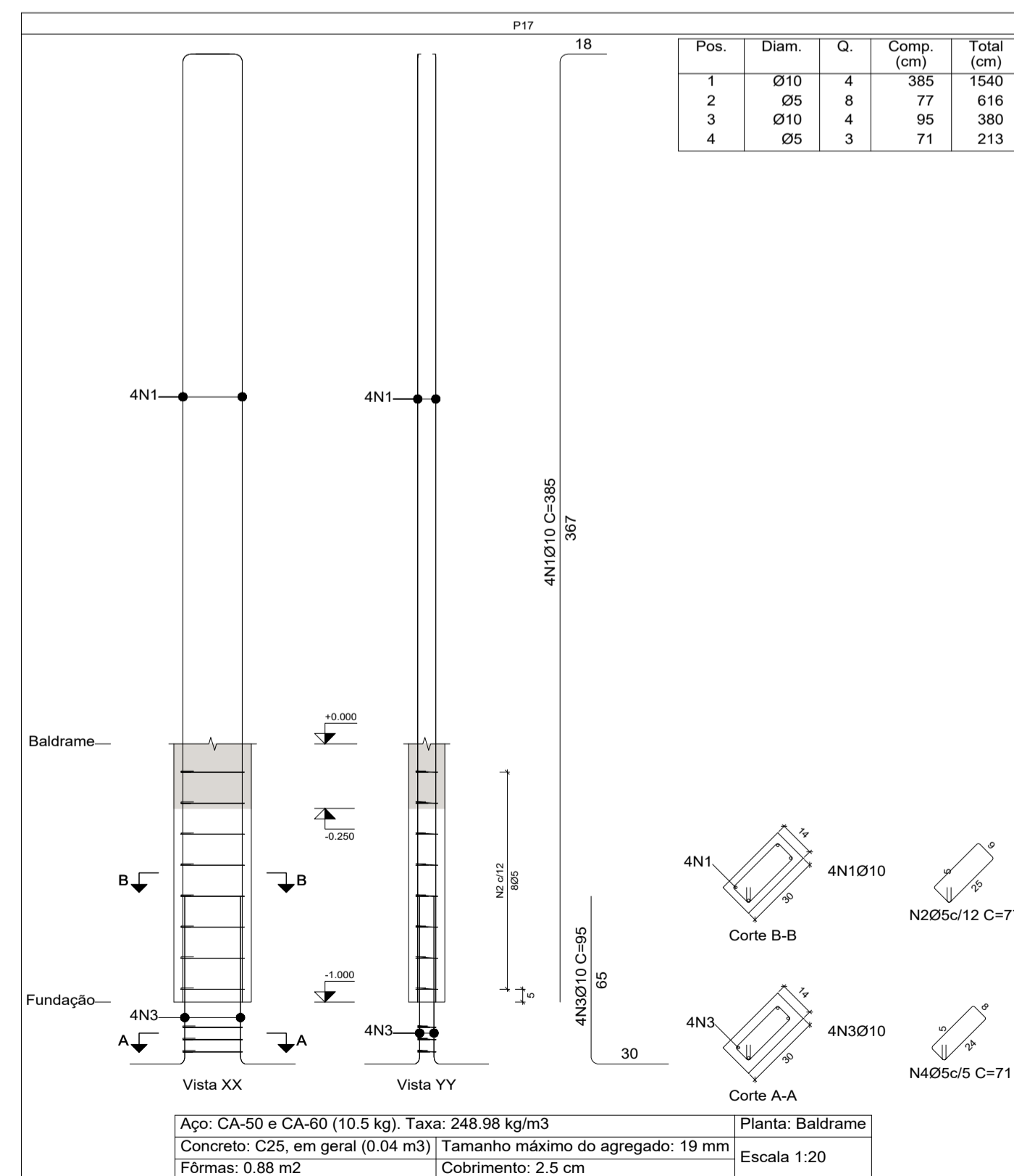


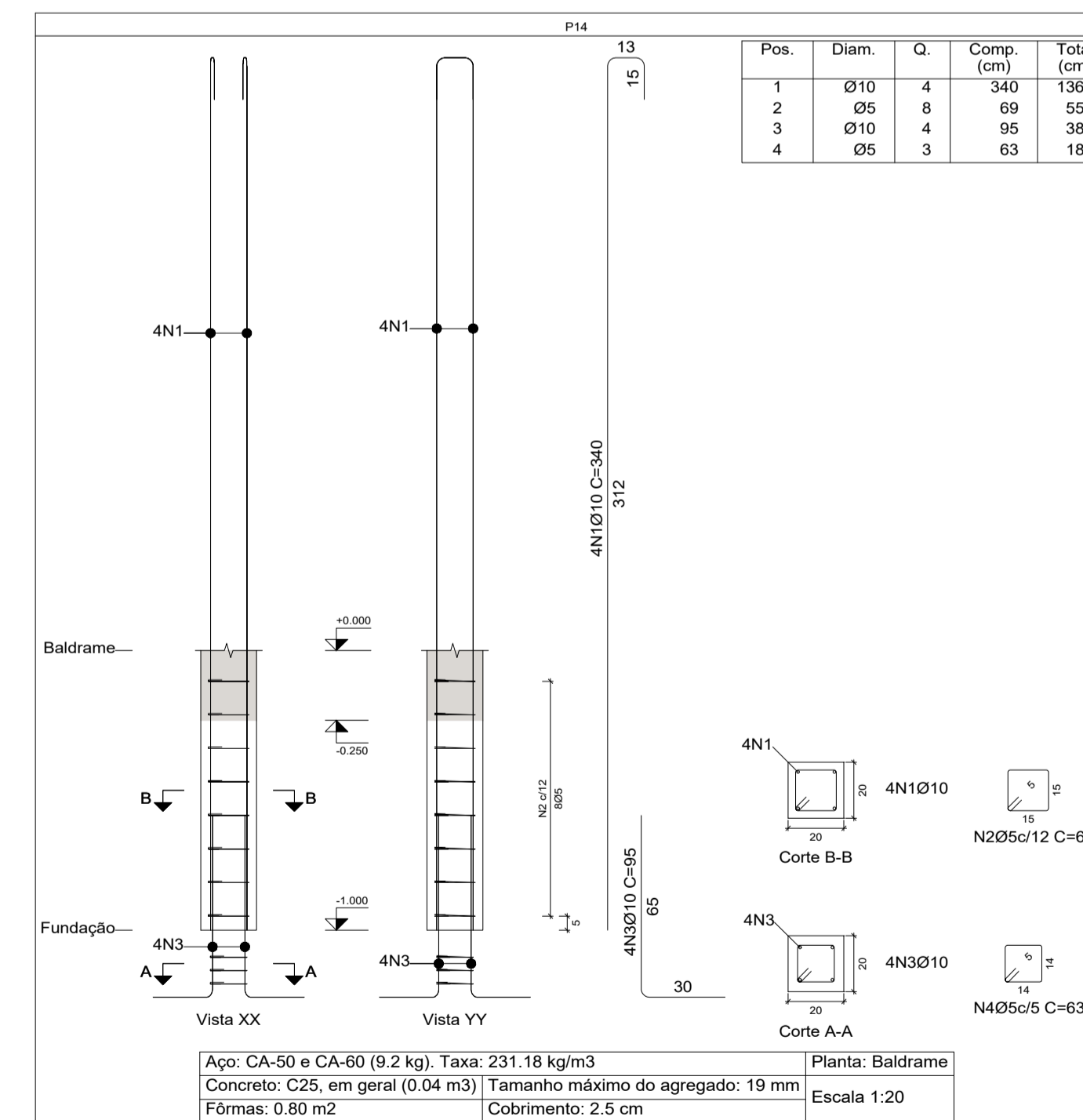
Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P8	1	Ø10	4	385	385	1540	9.5	
	2	Ø5	8	79	79	632		1.0
	3	Ø10	4	95	95	380	2.3	
	4	Ø5	3	73	73	219		0.3
Total:						11.8	1.3	
Ø5:						0.0	1.3	
Ø10:						11.8	0.0	
Total:						11.8	1.3	



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P11	1	Ø10	12	450	450	5400	33.3	
	2	Ø6.3	8	109	109	872	2.1	
	3	Ø10	12	105	105	1260	7.8	
	4	Ø5	3	100	100	300		0.5
Total:						43.2	0.5	
Ø5:						0.0	0.5	
Ø6.3:						2.1	0.0	
Ø10:						41.1	0.0	
Total:						43.2	0.5	



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P17	1	Ø10	4	385	385	1540	9.5	
	2	Ø5	8	77	77	616		1.0
	3	Ø10	4	95	95	380	2.3	
	4	Ø5	3	71	71	213		0.3
Total:						11.8	1.3	
Ø5:						0.0	1.3	
Ø10:						11.8	0.0	
Total:						11.8	1.3	



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P14	1	Ø10	4	340	340	1360	8.4	
	2	Ø5	8	69	69	552		0.9
	3	Ø10	4	95	95	380	2.3	
	4	Ø5	3	63	63	189		0.3
Total:						10.7	1.2	
Ø5:						0.0	1.2	
Ø10:						10.7	0.0	
Total:						10.7	1.2	

BOMBEIROS OU NATURATINS	PREFEITURA
	CREA



PROJETO ESTRUTURAL

OBRA: GUARITA
ENDEREÇO: RUA ESMELINDA - CENTRO BANDEIRANTES DO TOCANTINS

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE BANDEIRANTES DO TOCANTINS
CNPJ: 01.612.819/001-72

AUTOR / RESP. TÉCNICO:

Igor Guimarães Matias
IGOR GUIMARÃES MATIAS Engenheiro Civil
ENG. CIVIL CREA: 315014/AP-TO

CONTEÚDO:
PILARES P8
PILARES P11
PILARES P17
PILARES P14

FORMATO A1 (841x594)mm	ESCALA INDICADA	DATA JAN./2021	PRANCHA 07/19
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