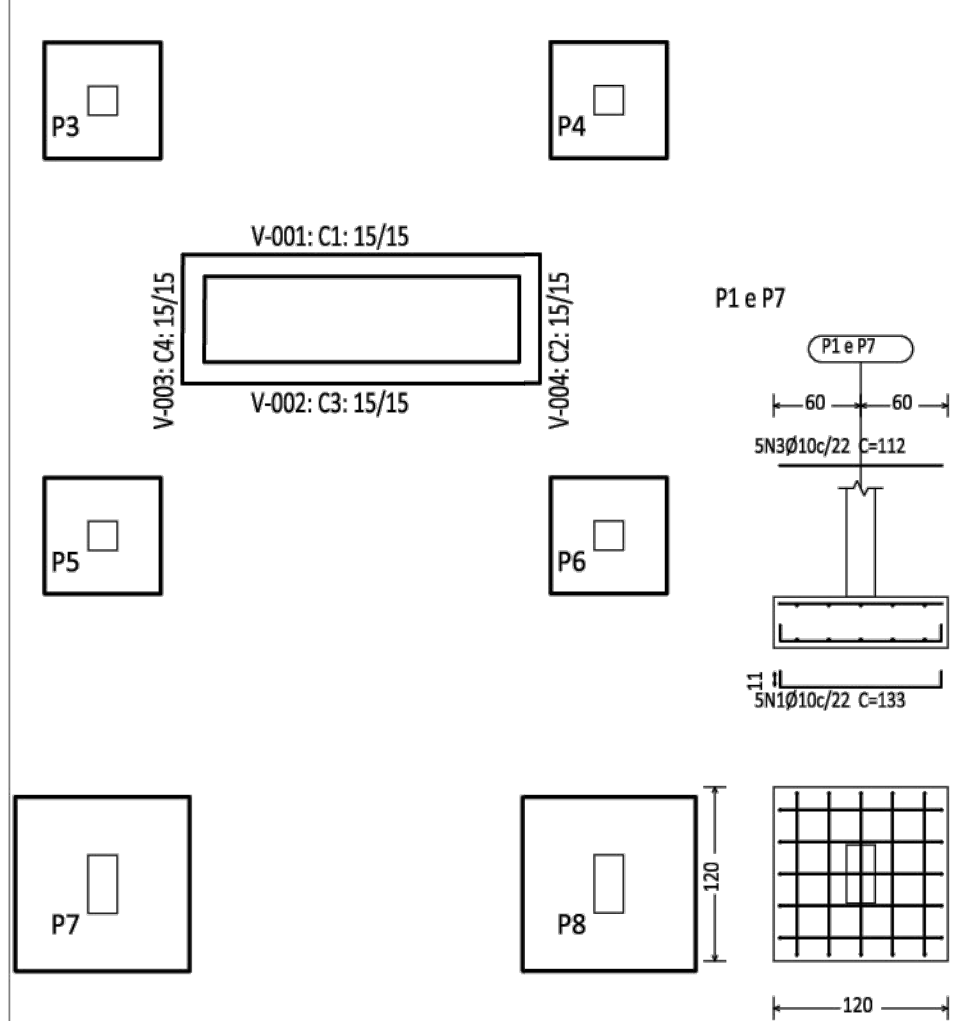
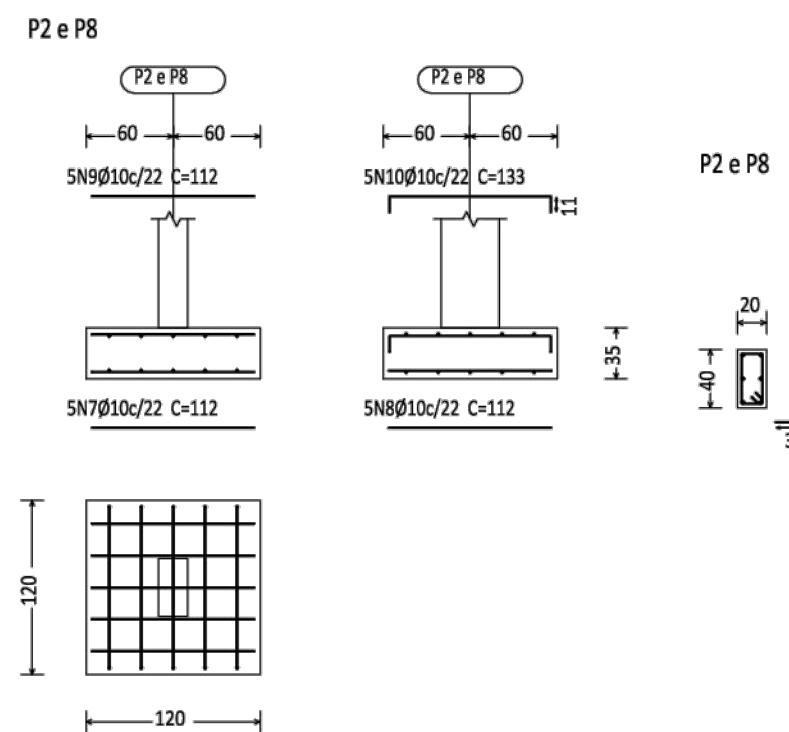


Resumo Aço Fundação			
Detalhamento fundação			
CA-50	Ø6.3	21.6	6
	Ø10	118.2	80
	Ø12.5	66.4	70
Total			

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P1-P7	1	Ø10	5	11	111	11	133	665	4.1	
	2	Ø10	5	11	112	11	112	560	3.5	
	3	Ø10	5	11	112	11	112	560	3.5	
	4	Ø10	5	11	111	11	133	665	4.1	
	5	Ø12.5	6	30	138	168	1008	9.7		
	6	Ø6.3	3	30	110	110	330	0.8		
Total+10%:									28.3	
(x2):									56.6	
P2-P8	7	Ø10	5	11	112	11	112	560	3.5	
	8	Ø10	5	11	112	11	112	560	3.5	
	9	Ø10	5	11	112	11	112	560	3.5	
	10	Ø10	5	11	111	11	133	665	4.1	
	11	Ø12.5	6	30	138	168	1008	9.7		
	12	Ø6.3	3	30	110	110	330	0.8		
Total+10%:									27.6	
(x2):									55.2	
									Ø6.3:	3.6
									Ø10:	65.6
									Ø12.5:	42.6
									Total:	111.8
										0.0
										0.0
										0.0
										0.0



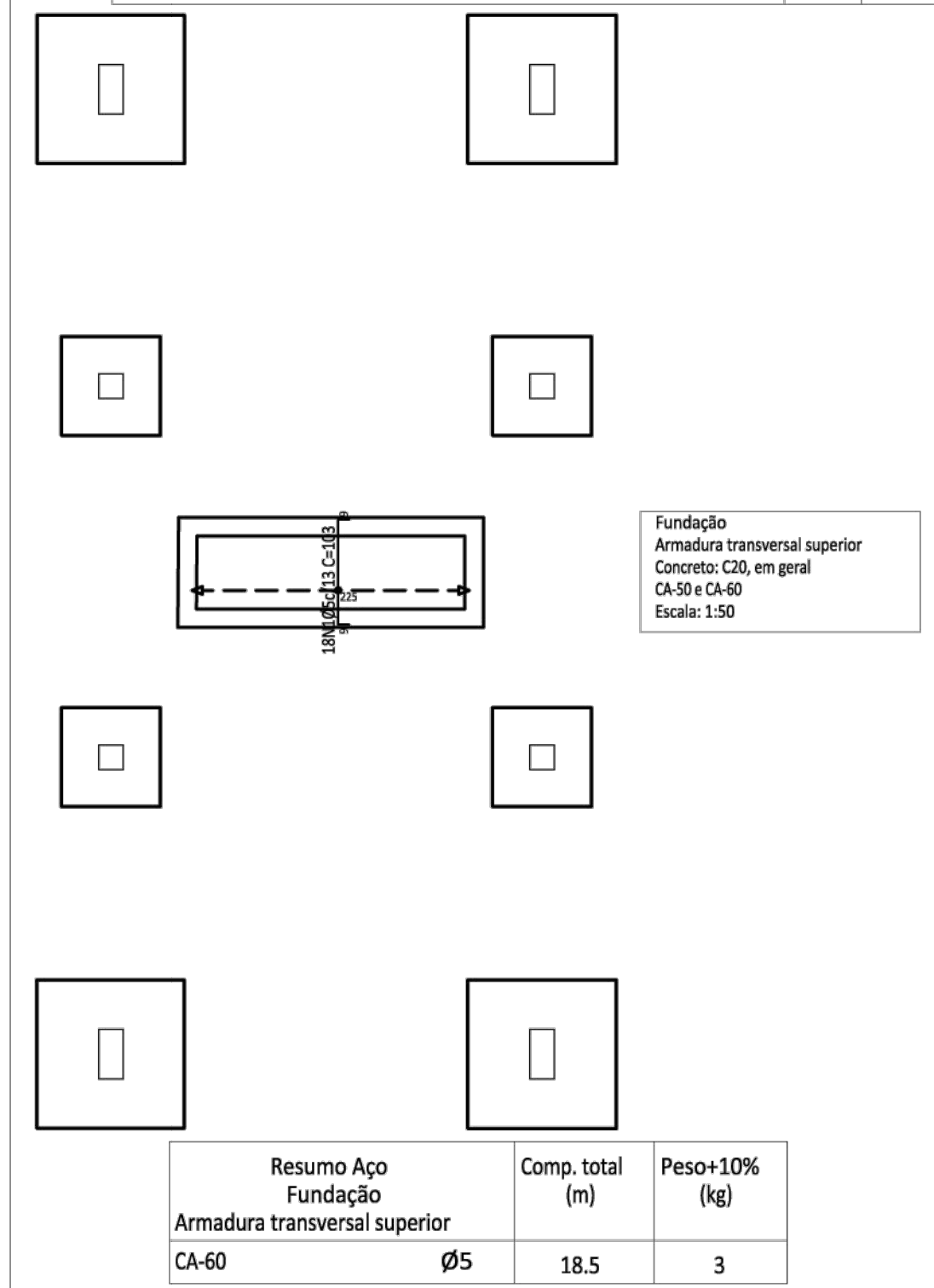
Fundação
Detalhamento fundação
Concreto: C20, em geral
Escala: 1:50



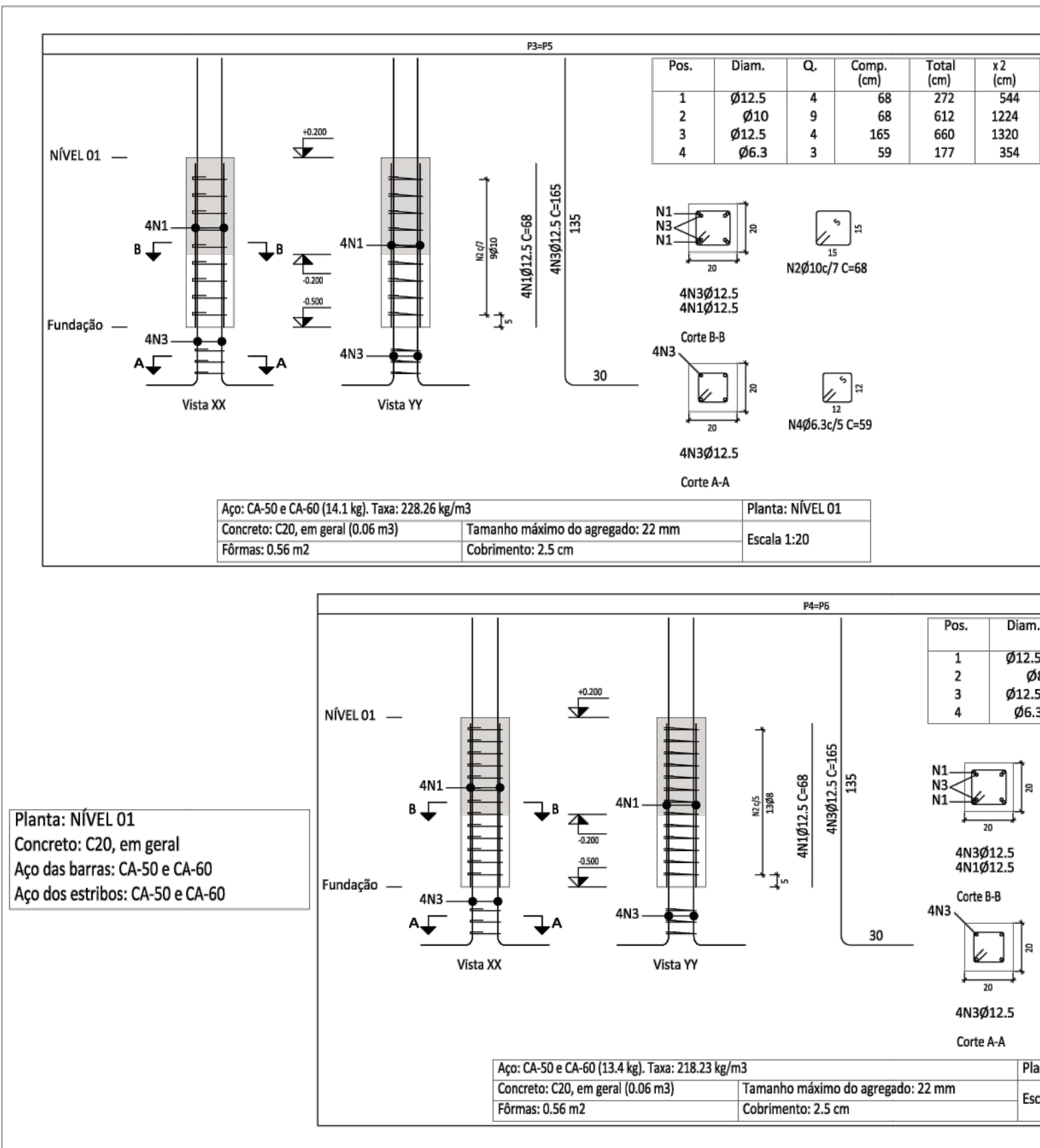
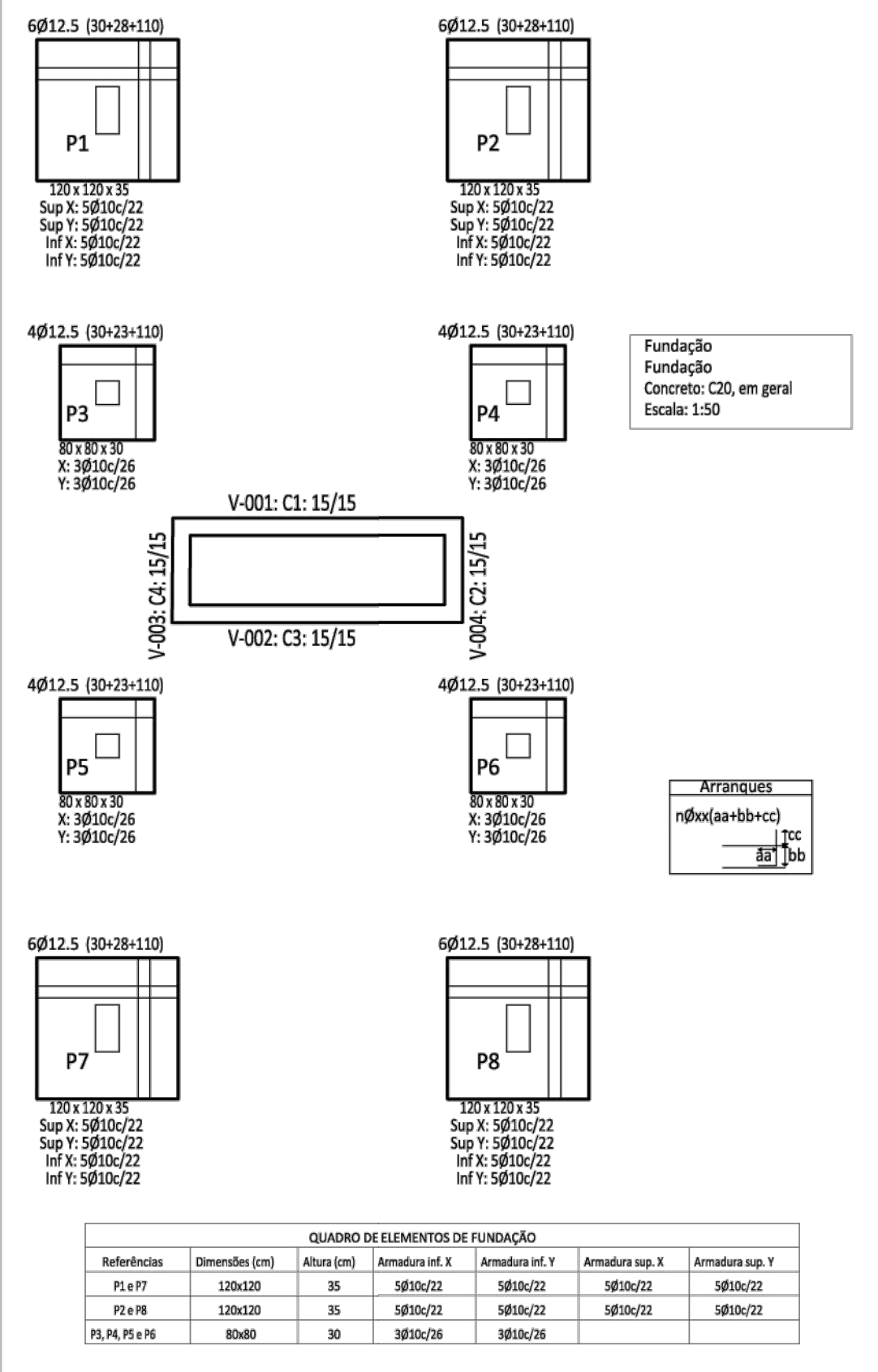
Resumo Aço Fundação			
Detalhamento fundação			
CA-50	Ø6.3	21.6	6
	Ø10	118.2	80
	Ø12.5	66.4	70
Total			

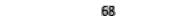
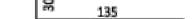
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P3-P4-P5-P6	1	Ø10	3	11	71	11	93	279	1.7	
	2	Ø10	3	11	71	11	93	279	1.7	
	3	Ø12.5	4	30	133	163	652	6.3		
	4	Ø6.3	3	70	70	70	210	0.5		
Total+10%:									11.2	
(x4):									44.8	
									Ø6.3:	2.0
									Ø10:	14.8
									Ø12.5:	28.0
									Total:	44.8
										0.0
										0.0
										0.0

	Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)	
Armadura transversal superior		1	Ø5	18	9	85	9	103	1854	2.9		
		Total+10%:										3.2
										Ø5:	0.0	3.2
										Total:	0.0	3.2



Resumo Aço Fundação			
Armadura transversal superior			
CA-60	Ø5	18.5	3



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P3-P5	1	Ø12.5	4		68	272	2.6	
	2	Ø10	9		68	612	3.8	
	3	Ø12.5	4		165	660	6.4	
	4	Ø6.3	3		59	177	0.4	
	Total+10%:						14.5	
(x2):						29.0		
P4-P6	1	Ø12.5	4		68	272	2.6	
	2	Ø8	13		68	884	3.5	
	3	Ø12.5	4		165	660	6.4	
	4	Ø6.3	3		60	180	0.4	
	Total+10%:						14.2	
(x2):						28.4		
					Ø6.3:	1.6		0.0
					Ø10:	7.8		0.0
					Ø12.5:	8.4		0.0
					Ø12.5:	39.6		0.0
					Ø12.5:	57.4		0.0