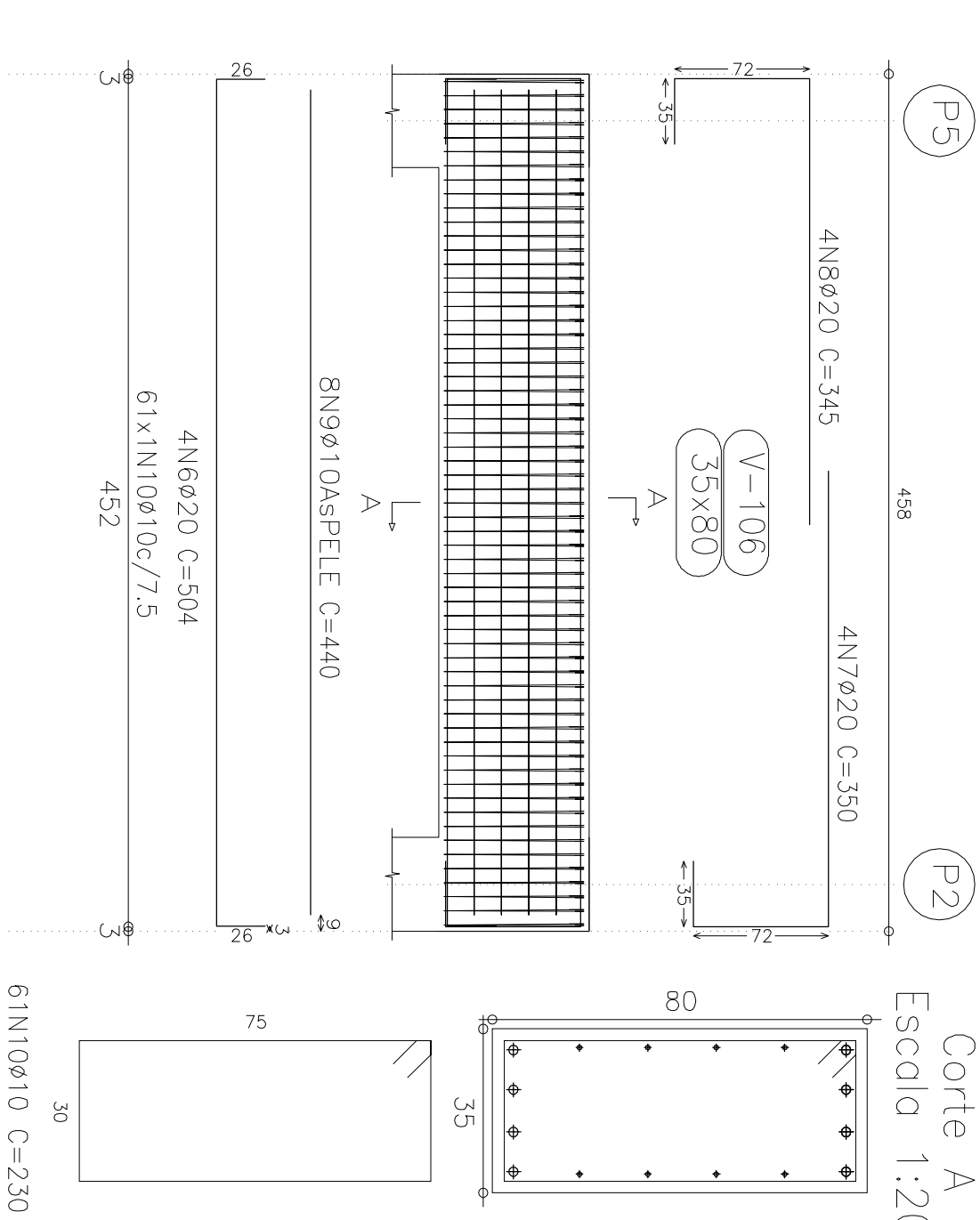
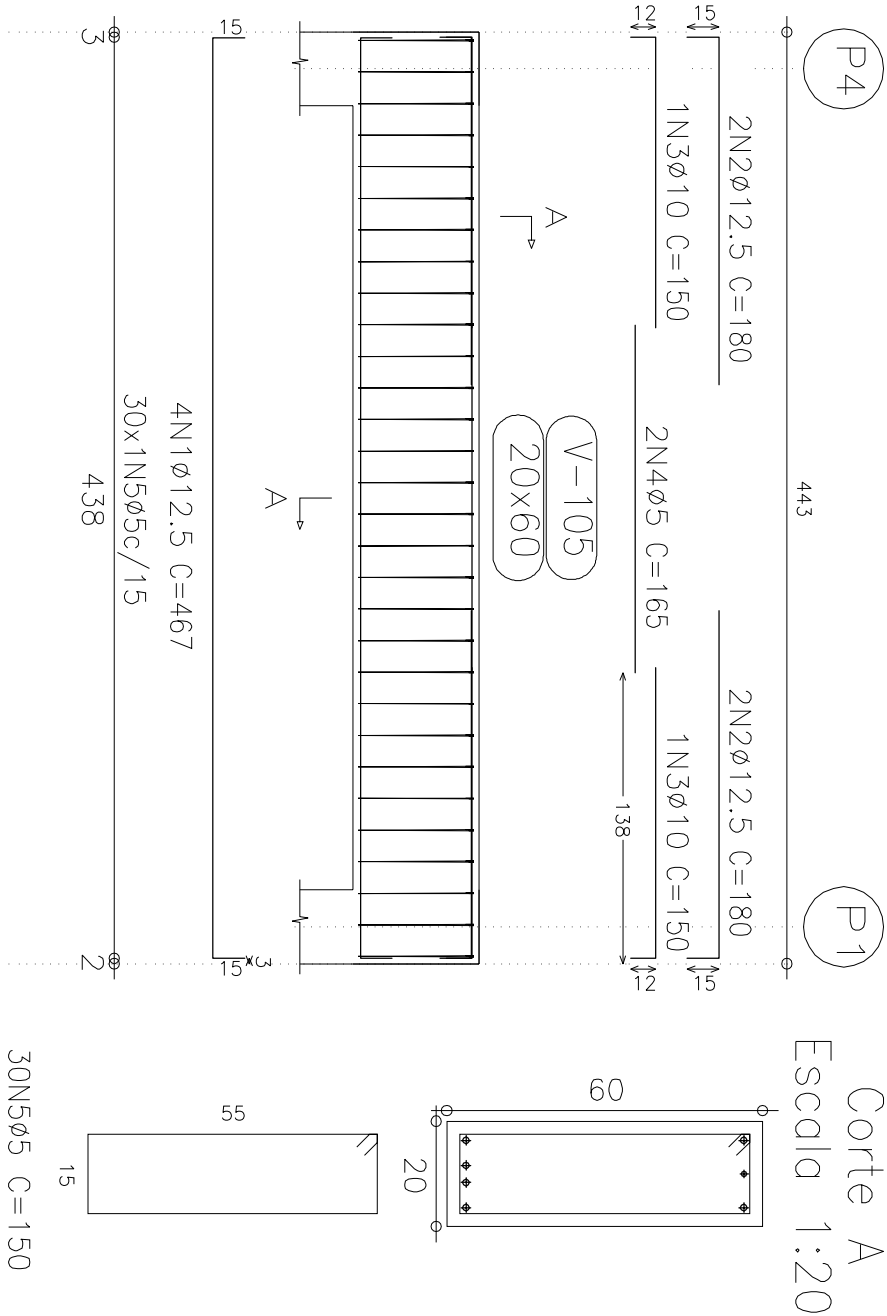


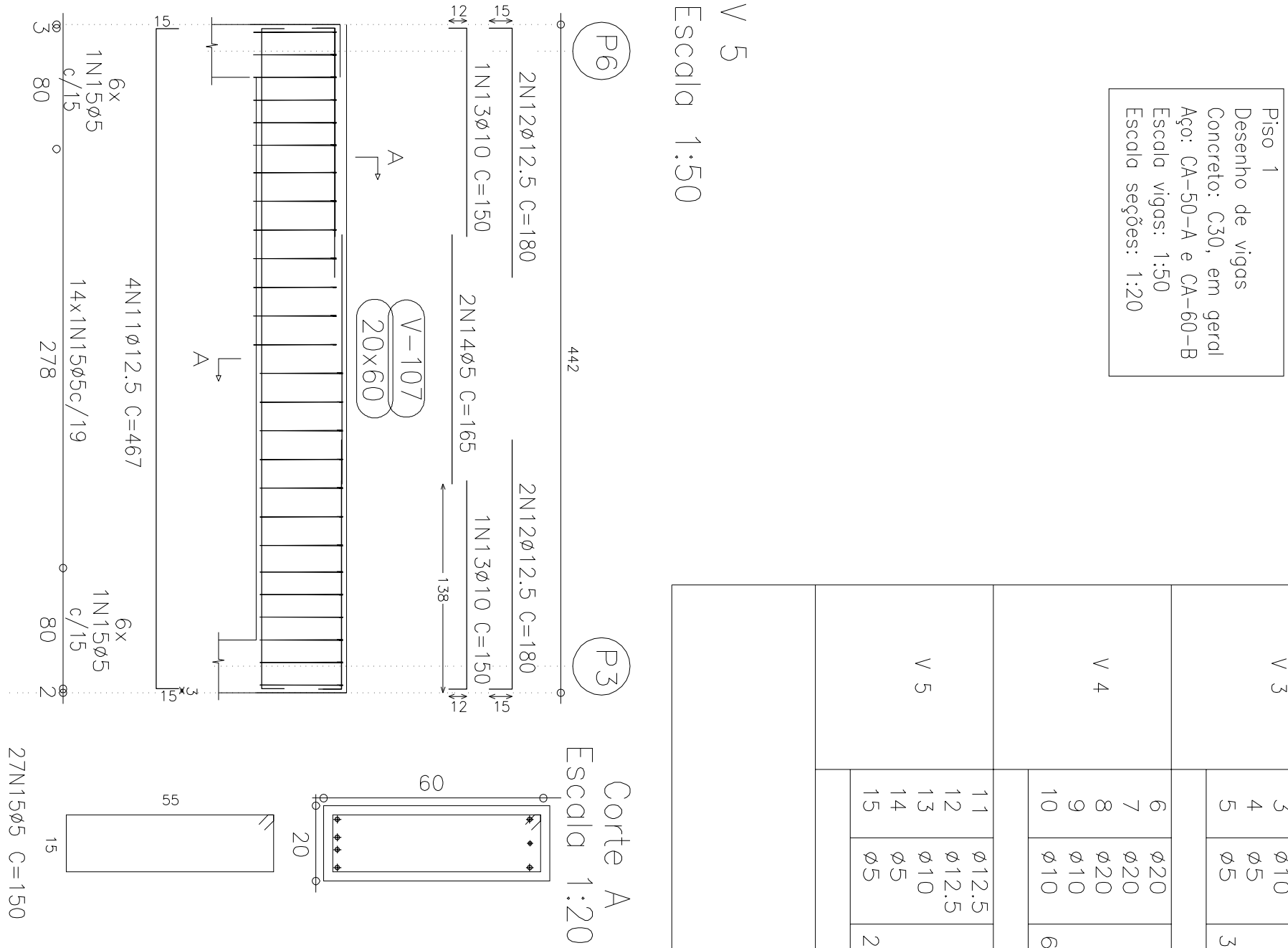
V 4
Escala 1:50



V 3
Escala 1:50



V 5
Escala 1:50



Elemento	Pos.	Diam.	Q. (cm)	Dob. (cm)	Retd (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
V 3	1	Ø12.5	4	15	437	15	467	1868	18.3	
	2	Ø12.5	4	15	165		180	720	7.1	
	3	Ø10	2	12	138		150	300	1.9	
	4	Ø5	2	165			165	330		0.5
	5	Ø5	30				150	4500		7.1
Total+10%:									30.0	8.4
V 4	6	Ø20	4	26	452	26	504	2016	49.9	
	7	Ø20	4	107	243	107	350	1400	34.6	
	8	Ø20	4	238			345	1380	34.1	
	9	Ø10	8	440			440	3520	22.1	
	10	Ø10	61				230	14030	88.1	
Total+10%:									251.7	
V 5	11	Ø12.5	4	15	437	15	467	1868	18.3	
	12	Ø12.5	4	15	165		180	720	7.1	
	13	Ø10	2	12	138		150	300	1.9	
	14	Ø5	2	165			165	330		0.5
	15	Ø5	26				150	3900		6.1
Total+10%:									30.0	7.3
Ø5:									0.0	15.7
Ø10:									125.4	0.0
Ø12.5:									55.8	0.0
Ø20:									130.5	0.0
Total:									311.7	15.7

CREA BA		ESTRUTURA DE CONCRETO ARMADO ENG. CIVIL FRANCISCO EDUARDO O FRANÇA
4.1267	TEL:08437142	
ESCALA - 1/50		IF BAIANO - CAMPUS SANTA INÊS
DATA - 13/09/2013		SANTA INÊS - BAHIA
		VIGA 3, VIGA 4, VIGA 5