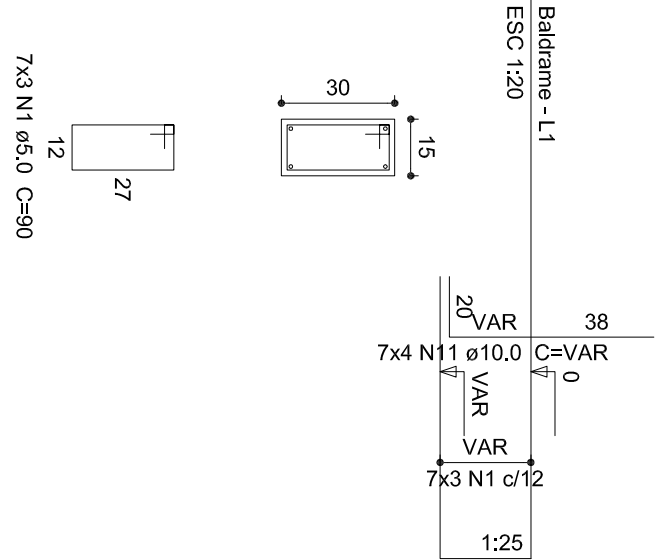
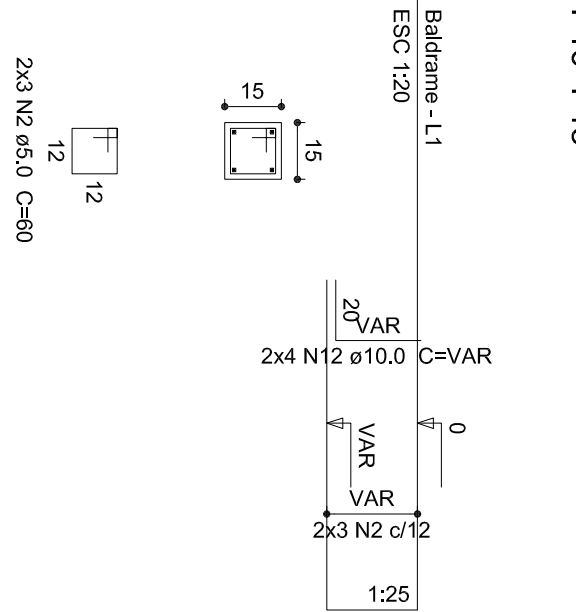


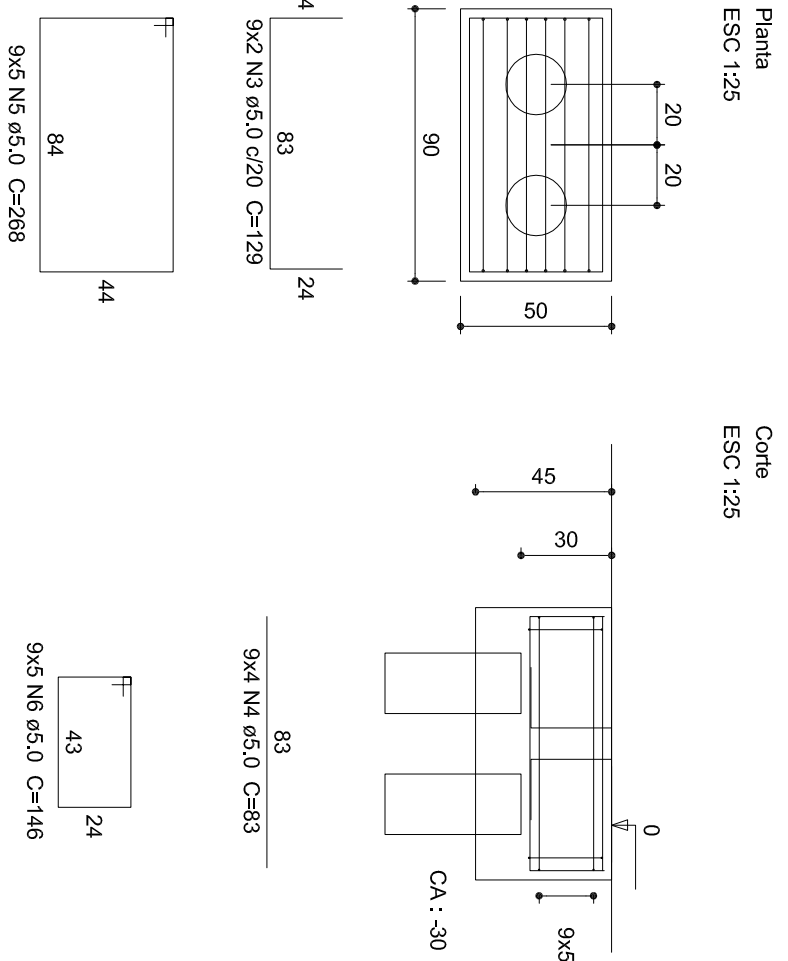
P2=P5=P7=P8=P9=P10=P12



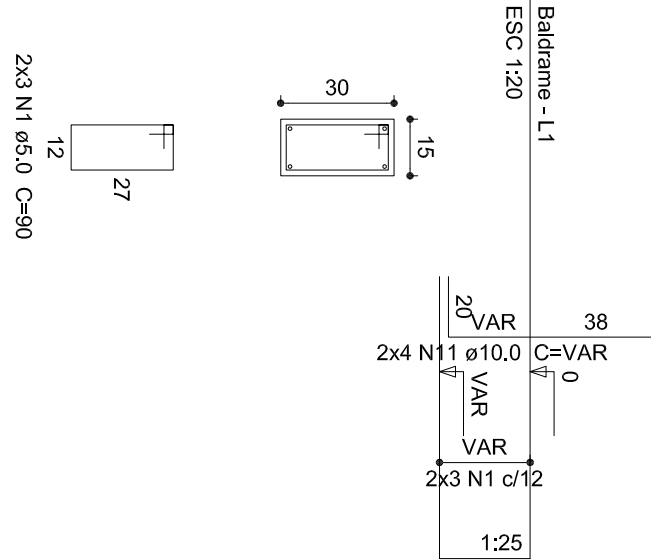
P16=P18



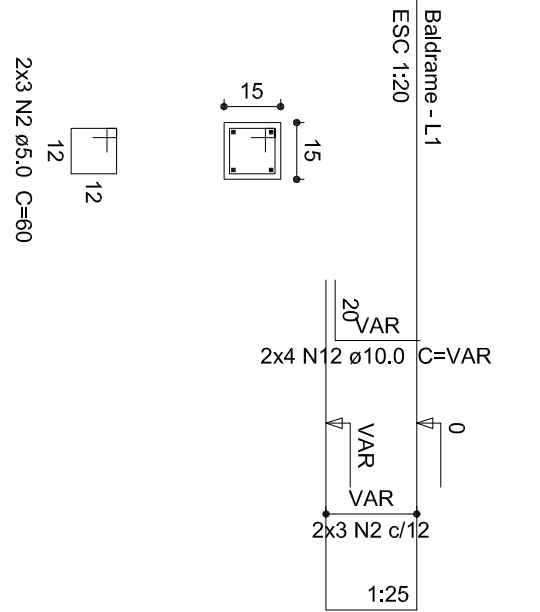
B2=B5=B7=B8=B9=B10=B12=B16=B18



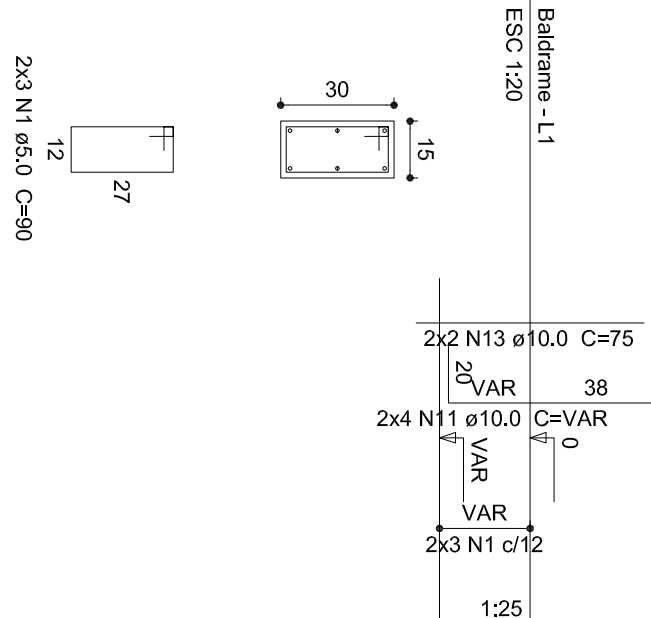
P6=P11



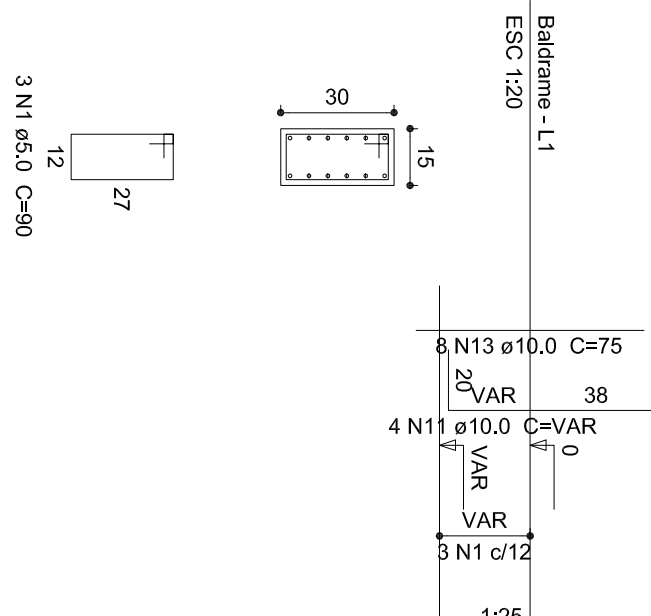
P14=P20



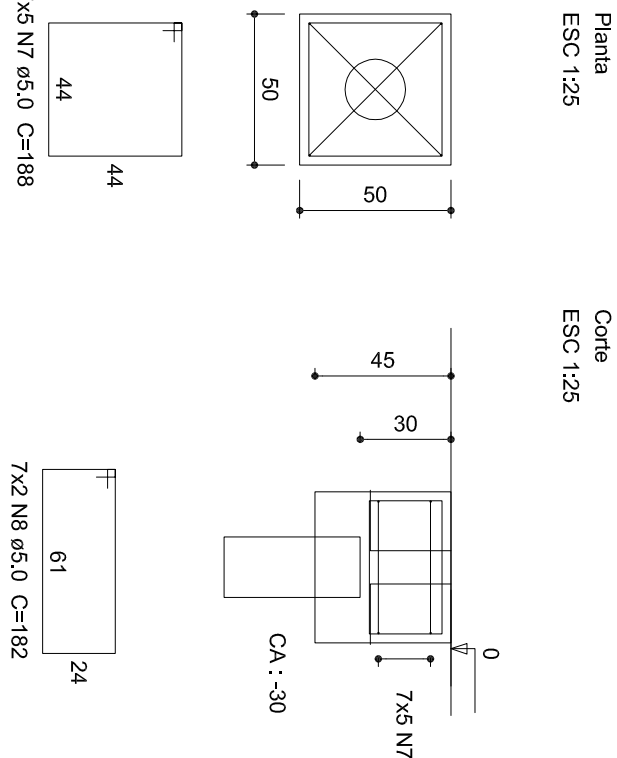
P1=P3



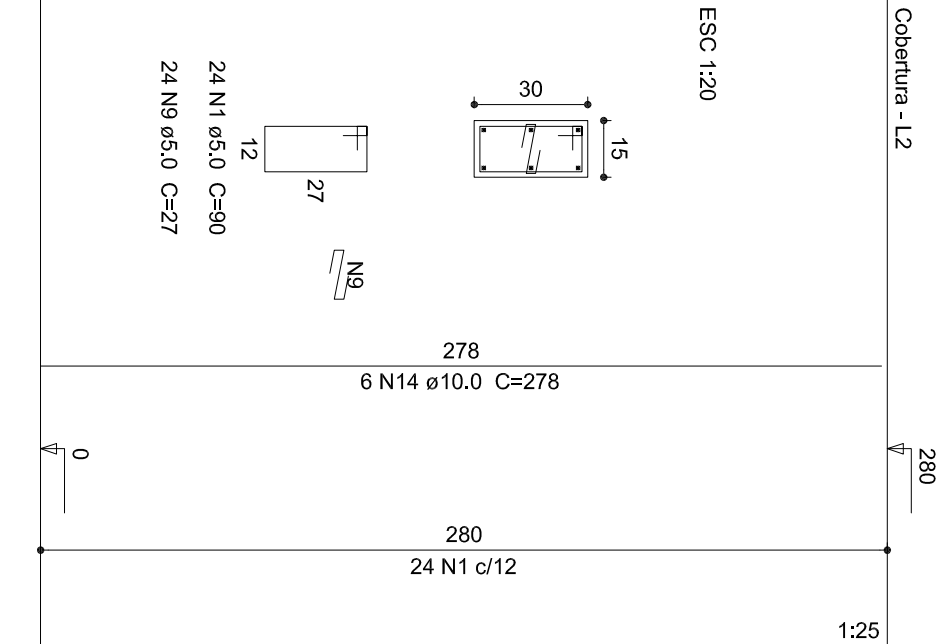
P4



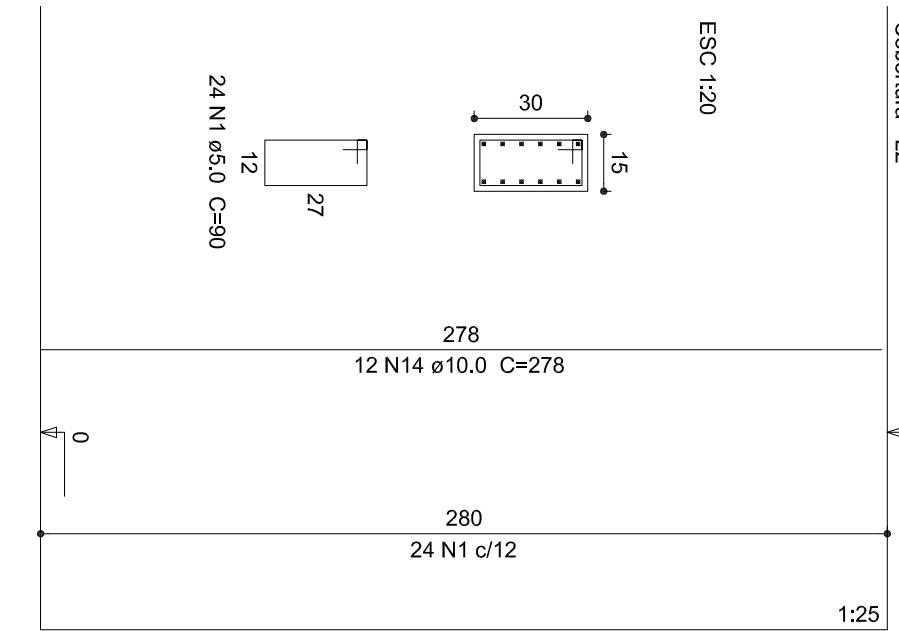
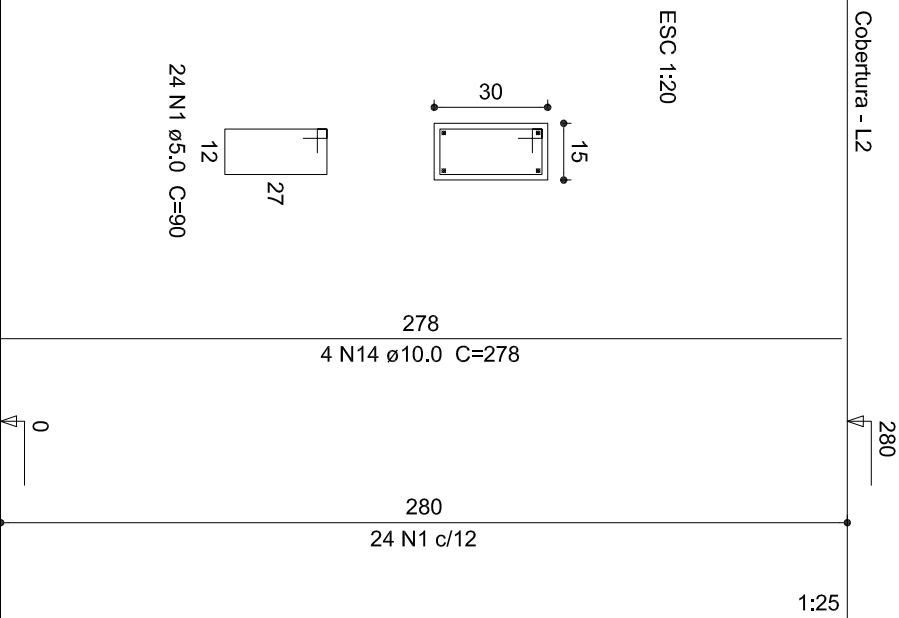
B1=B3=B4=B6=B11=B14=B20



P1=P3



P2=P5=P6=P7=P8=P9=P10=P11=P12=P13=P18
=P17=P19



Relação do aço

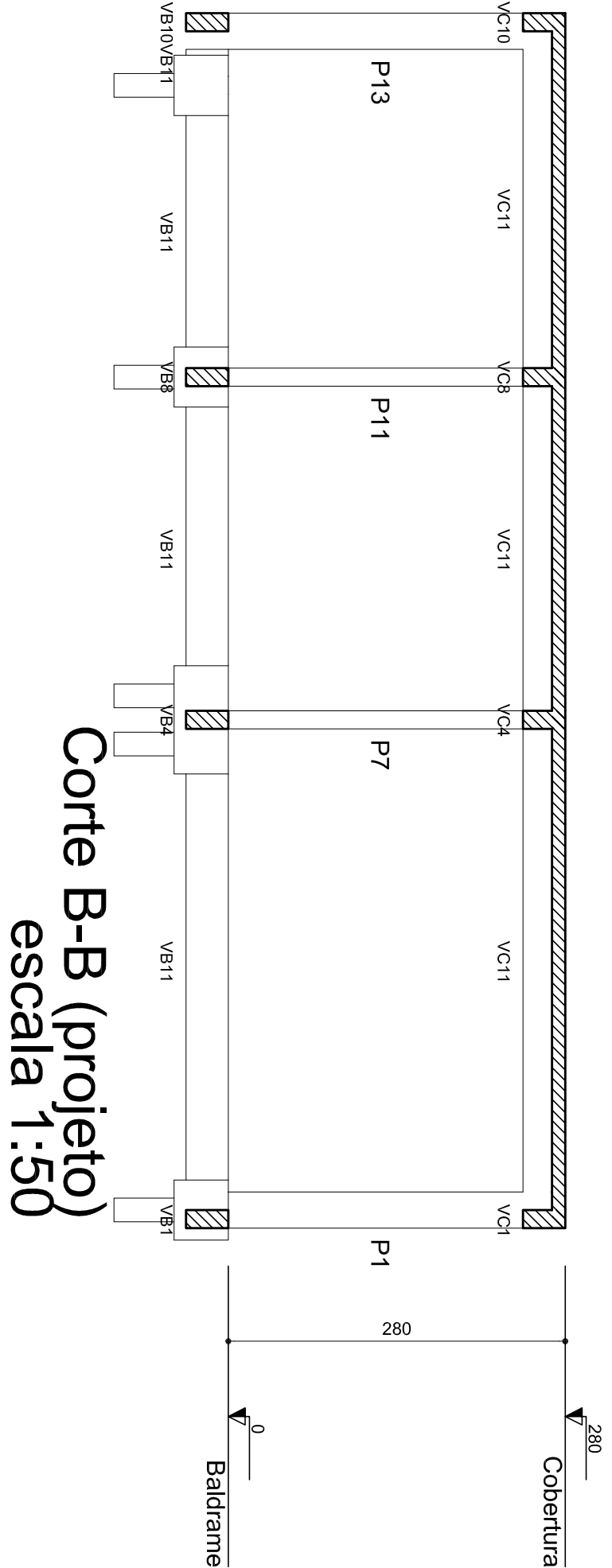
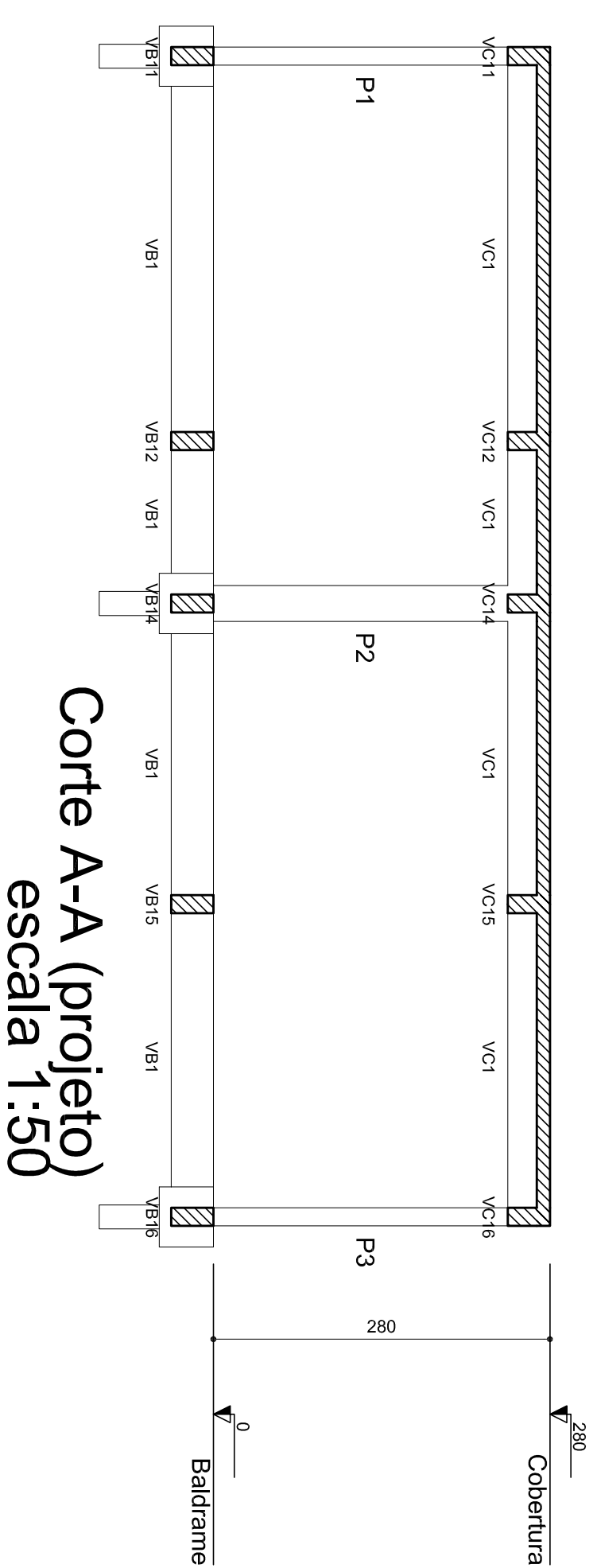
Baldrame:	B18	B20
Cobertura:	2xP1	13xP2
	P4	

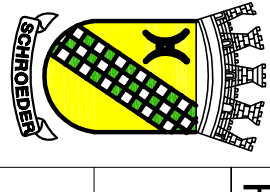
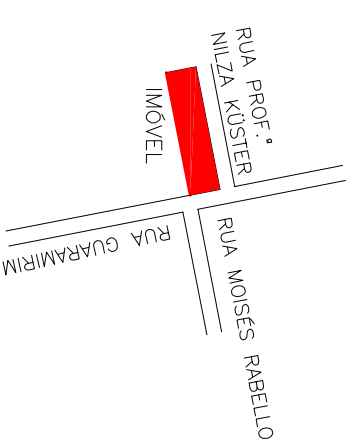
ACO	N	DIAM	O	UNIT	C.TOTAL
CASO	1	5,0	420	80	37200
	2	5,0	18	129	2322
	3	5,0	36	83	2888
	4	5,0	45	288	12080
	5	5,0	35	146	6570
	6	5,0	48	188	6880
	7	5,0	48	227	1286
	8	5,0	48	127	4572
	9	5,0	36	127	4572
	10	10,0	48	VAR	VAR
	11	10,0	16	VAR	VAR
	12	10,0	12	75	900
	13	10,0	76	278	21728
	14	10,0			

Resumo do aço

ACO	DIAM	C.TOTAL	PESO + 10 %
CASO	8,0	416,8	19,8
CASO	10,0	288	182,4
CASO	5,0	728,9	123,6
PESO TOTAL			
CASO	202,2		
CASO	123,6		

Vol. de concreto total (C-20) = 4,7 m³
Área de forma total = 61,52 m²



		PROJETO ESTRUTURAL		FOLHA:	
TÍTULO:		POSTO DE SAUDE - SCHROEDER I		05/05	
ENDEREÇO:		RUA GUARAMIRIM		DATA:	
CONTEÚDO:		PILARES BLOCOS CORTES		04/05/2009	
SITUAÇÃO:		QUADRO DE AREAS:		ESCALA:	
ESC. 1:5.000		ÁREA EXISTENTE:.....256,65 m2		Indicada	
		ÁREA A CONSTRUIR SEGUNDA EMPA: 89,18 m2		DESENHO:	
		ÁREA TOTAL:.....345,71 m2		JOÃO	
		ÁREA TERRENO MAT. 14.459.....1.054,00 m2			
		ÁREA TERRENO MAT. 13.022.....600,00 m2			
		ÁREA TOTAL TERRENO:.....1.654,00 m2			
PROPRIETÁRIO:		TAXA DE OCUPAÇÃO TOTAL:.....20,90 %			
RESPOSTA TÉCNICA:					
				PREFEITURA MUNICIPAL DE SCHROEDER	
SAÚDE:				JOÃO RAPHAEL L. ONEDA	
				ENG. CIVIL - CREA 069.906-6	
				PREFEITURA:	