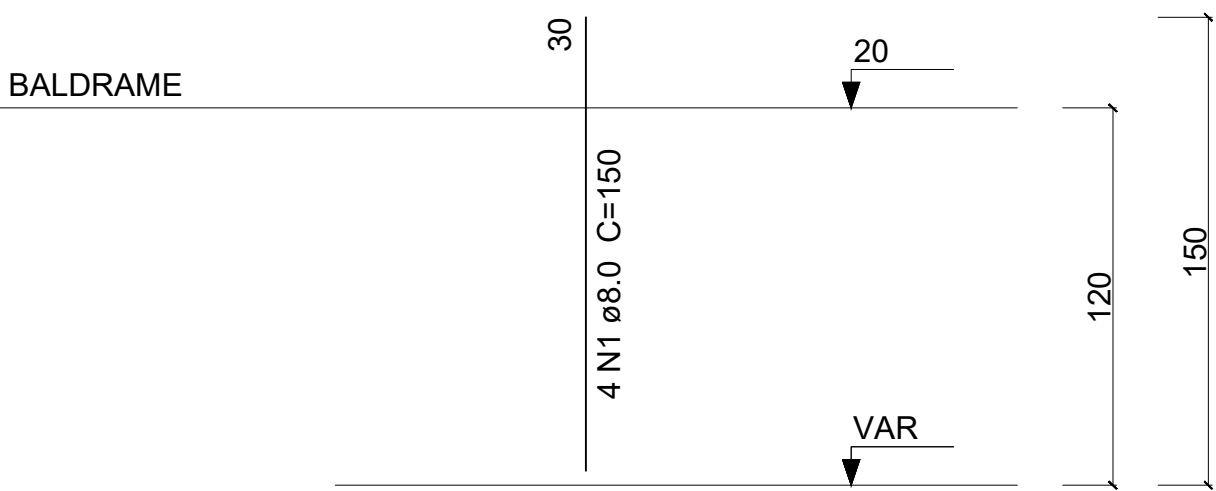


E1=E2=E3=E4=E5=E6=E7=E8=E9=
E10=E11=E12=E13=E14=E15=E16

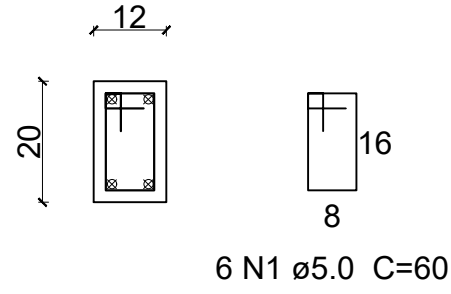
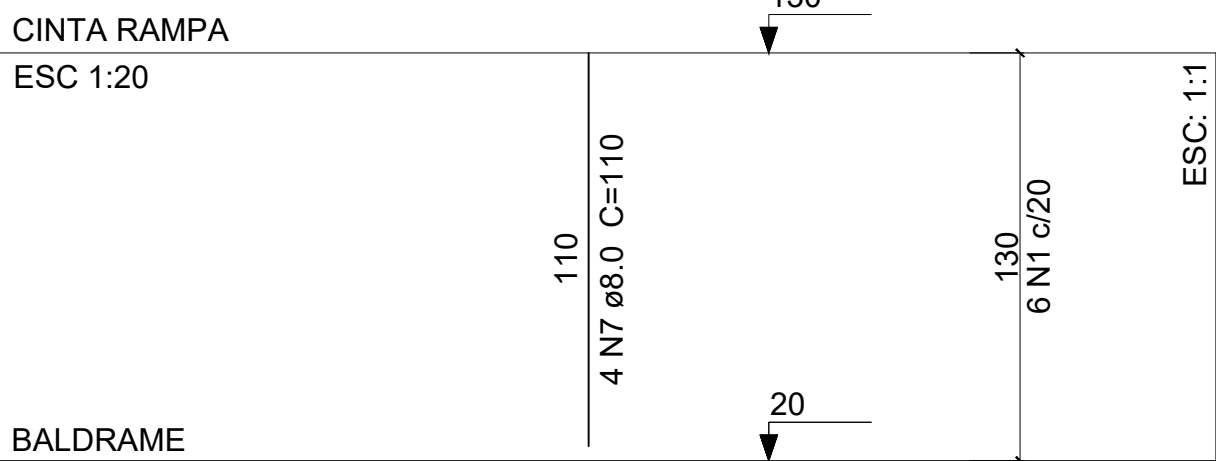


AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	64	150	9600

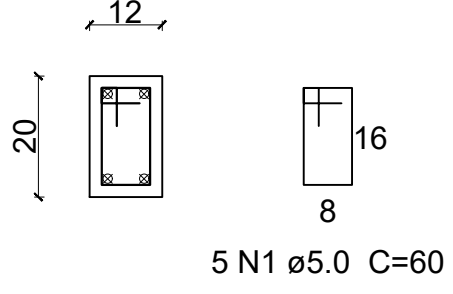
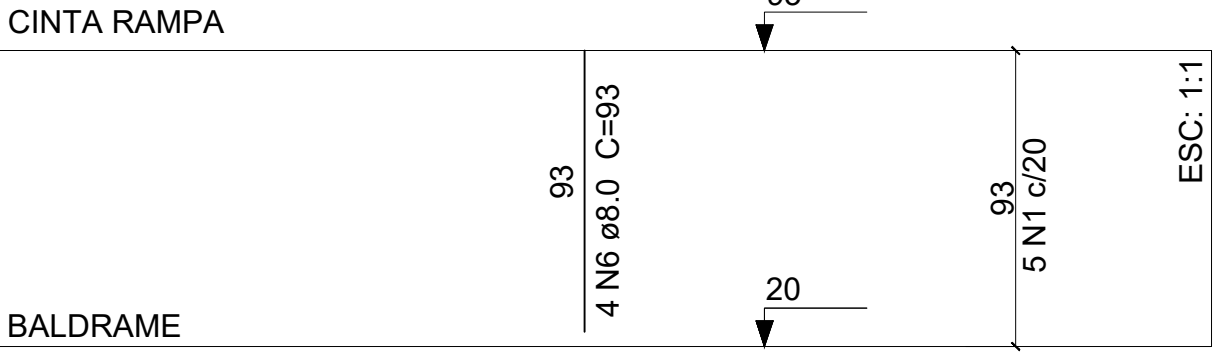
Resumo do aço Fundação			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	96.0	41.8
PESO TOTAL (kg)			
CA50		41.8	

Volume de concreto (C-25) = 0.5 m³

P1=P2



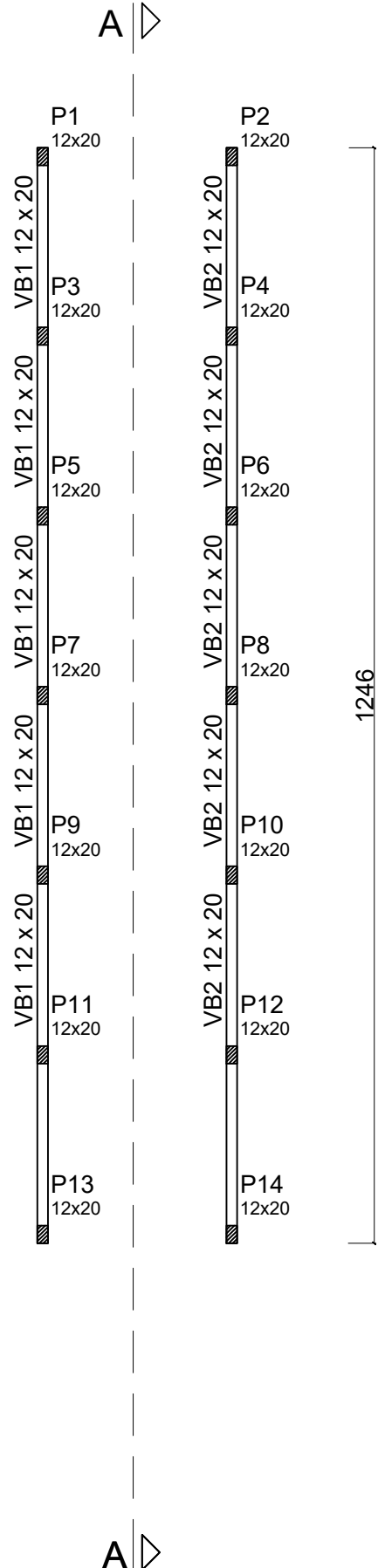
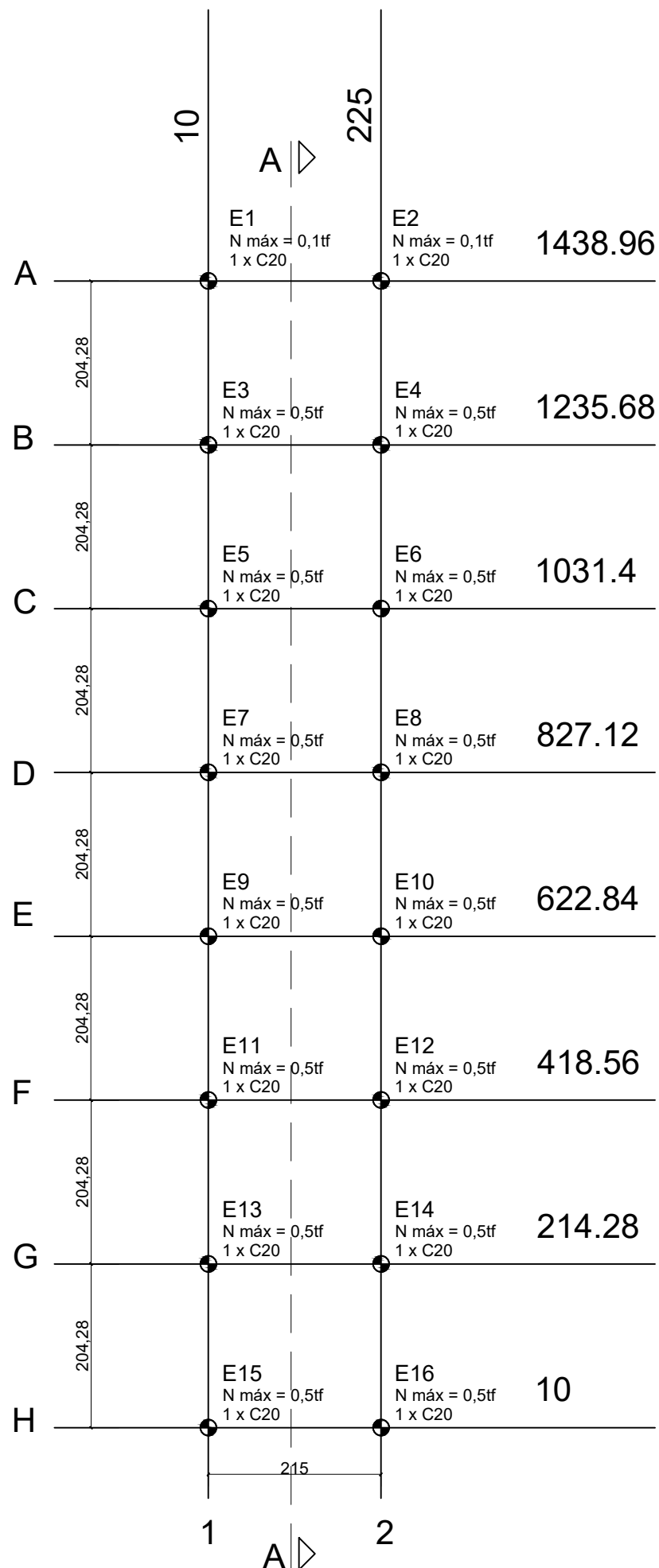
P3=P4



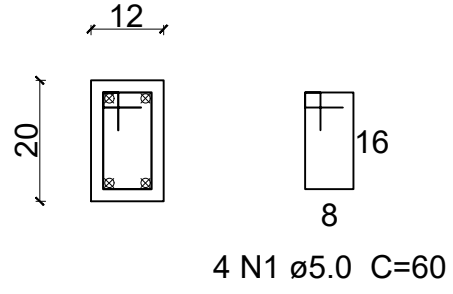
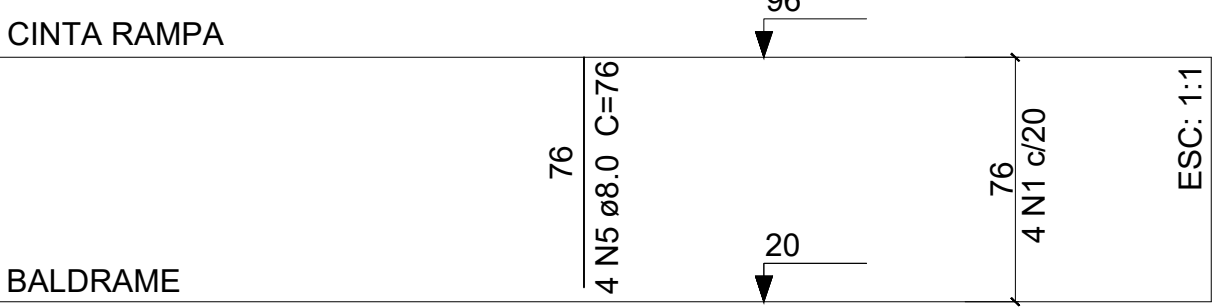
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	21	60	1260
CA50	2	8.0	8	25	200
	3	8.0	8	42	336
	4	8.0	8	59	472
	5	8.0	8	76	608
	6	8.0	8	93	744
	7	8.0	8	110	880

Resumo do aço pilares			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	32.4	14.1
CA60	5.0	12.6	2.2
PESO TOTAL (kg)			
CA50		14.1	
CA60		2.2	

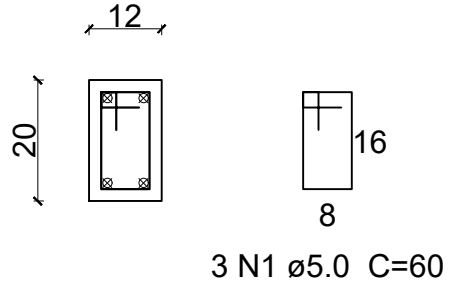
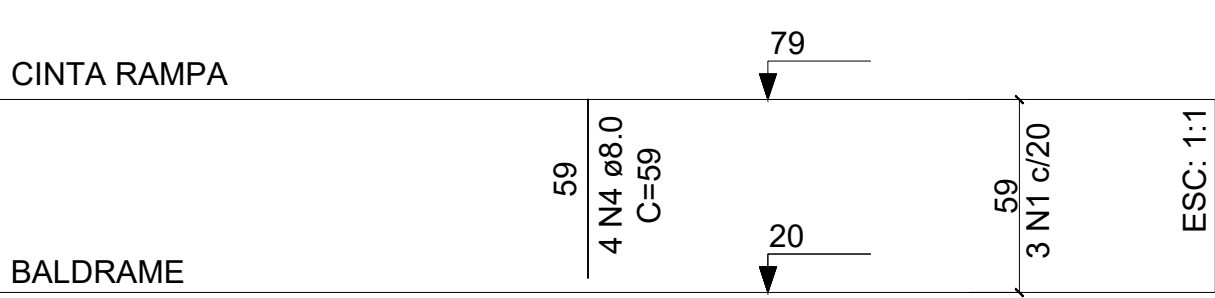
Volume de concreto (C-25) = 1.0 m³
Área de forma = 20.8 m²



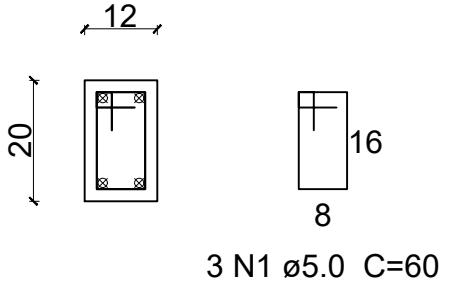
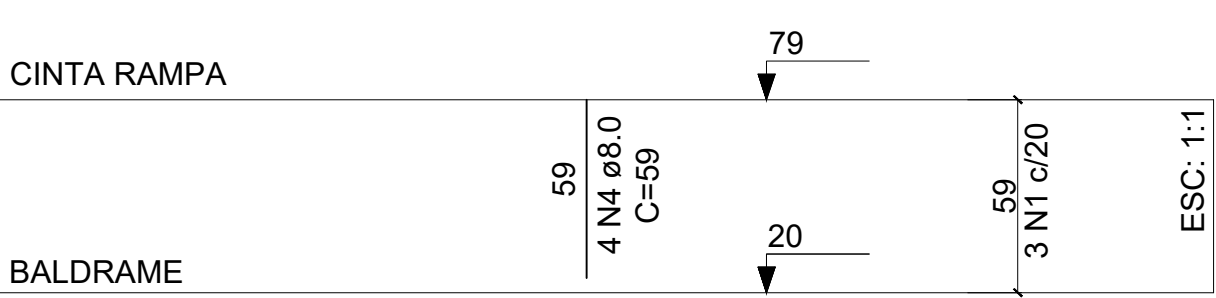
P5=P6



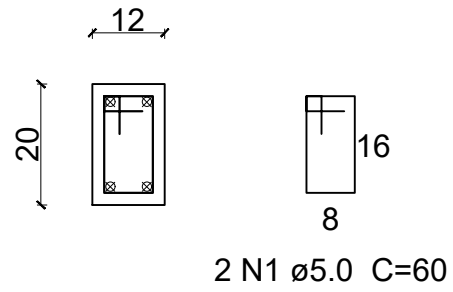
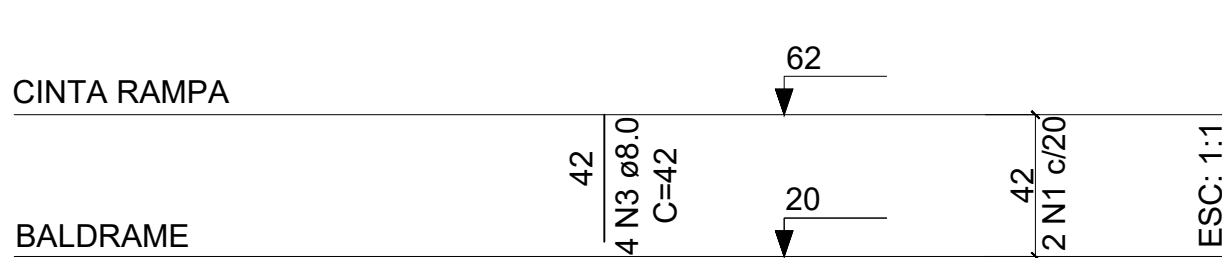
P7=P8



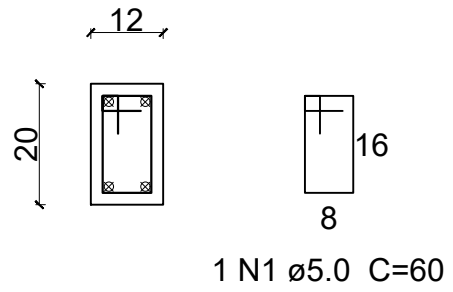
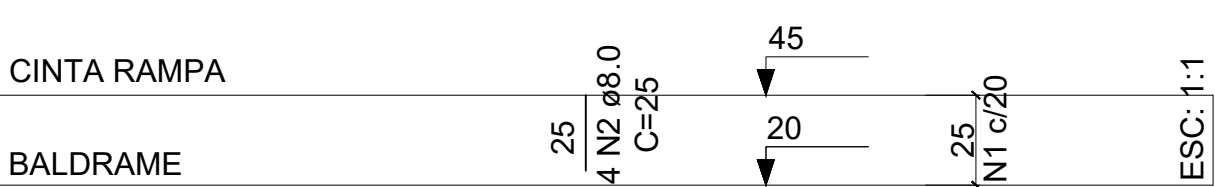
P7=P8



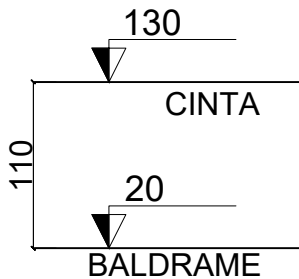
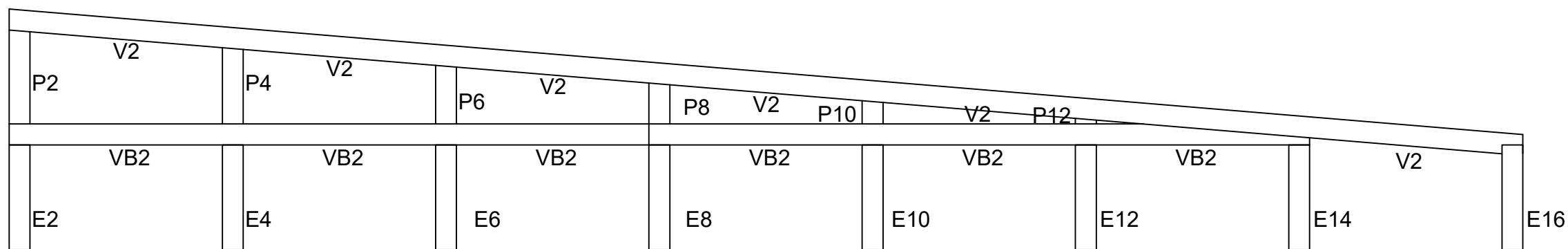
P9=P10



P11=P12



P11=P12



CORTE A-A
Escala - 1/50

MUNICÍPIO DE RENASCENÇA - PR			
RUA GETÚLIO VARGAS, 901 - FONE: (046) 3550-8300 - CEP: 85.610-000			
ADMINISTRAÇÃO		RESP. TÉCNICO	PRANCHAS
IDALIR JOÃO ZANELLA		ENG. CIVIL JOÃO PAULO BASINAK BOESE	01/02
PROF. PRESTO		CREA-PR 134910	PROJETO
OBRAS		AMPLIAÇÃO DE COBERTURA - ESCOLA IDA KUMMER	ÁREA
			420.40 m²
ESPECIFICAÇÕES		LOCAÇÃO FUNDAÇÃO	DATA
		TAB. DE AÇO FUNDAÇÃO	OUTUBRO/2022
		DET. PILARES	COTE
		TAB. DE AÇO PILARES	CH 49
LOCAL		RUA COSTA E SILVA	ESCALAS
			Indicada
MUNICÍPIO	RENASCENÇA	ESTADO	PARANÁ
		DESENHISTA	