

[illegible]

Quadro de Demanda (QD1) - Pavimento				
Tipo de carga	Potência instalada (kVA)	Fator de demanda (%)	Demanda (kVA)	
Iluminação e TUG's (Auditórios e cinemas)	4.93	100.00	4.93	
		TOTAL	4.93	

Quadro de Demanda (QD2) - Pavimento				
Tipo de carga	Potência instalada (kVA)	Fator de demanda (%)	Demanda (kVA)	
Iluminação e TUG's (Áreas comuns e Condomínio)	10.00	100.00	10.00	
	7.85	25.00	1.96	
		TOTAL	11.96	

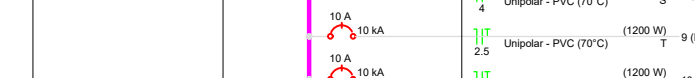
[illegible]

Figure 1 illustrates the experimental setup for the electrochemical reduction of CO₂. The setup consists of a 10 mA power source connected to a Pt electrode (cathode) and a Zn electrode (anode). The cathode is connected to a series of bipolar electrodes (BPEs) labeled 1 through 13. Each BPE is connected to a specific electrolyte solution and a gas flow rate. The solutions are: 1. Unipolar - PFC (70°C), 2. Unipolar - PFC (70°C), 3. Unipolar - PFC (70°C), 4. Unipolar - PFC (70°C), 5. Unipolar - PFC (70°C), 6. Unipolar - PFC (70°C), 7. Unipolar - PFC (70°C), 8. Unipolar - PFC (70°C), 9. Unipolar - PFC (70°C), 10. Unipolar - PFC (70°C), 11. Unipolar - PFC (70°C), 12. Unipolar - PFC (70°C), 13. Unipolar - PFC (70°C). The gas flow rates are: 1. 2100 ml/min, 2. 1200 ml/min, 3. 1200 ml/min, 4. 1200 ml/min, 5. 1200 ml/min, 6. 1200 ml/min, 7. 1200 ml/min, 8. 1200 ml/min, 9. 1200 ml/min, 10. 1200 ml/min, 11. 1200 ml/min, 12. 1200 ml/min, 13. 1200 ml/min. The BPEs are connected in a series, with the output of one BPE connected to the input of the next. The final output of BPE 13 is connected to a 10 mA power source.

Esquema vertical elétrico

[illegible]

Escala:
1:200

Data:	Prancha: 01/0
-------	---------------

na Izabel Malacarne de Oliveira