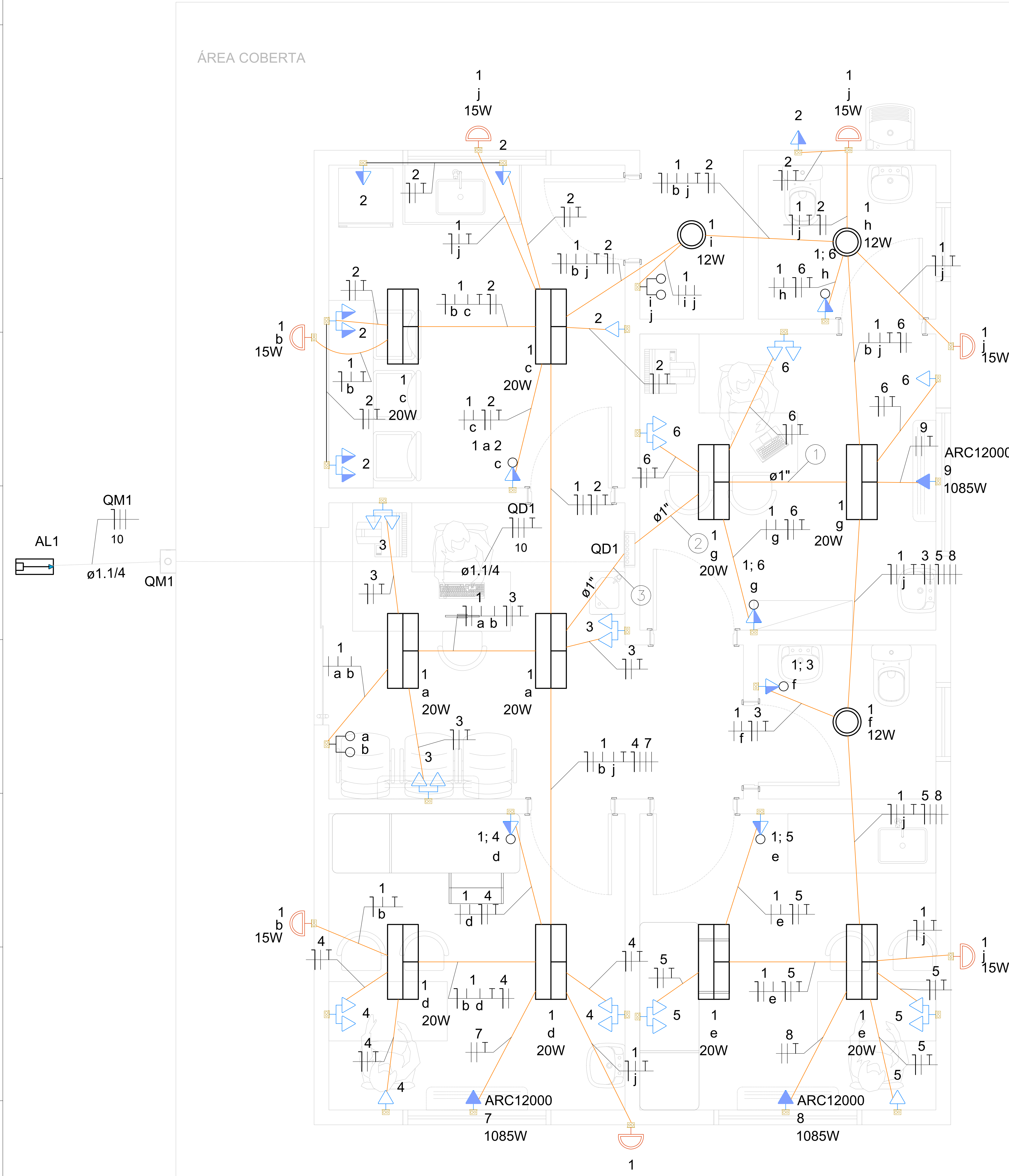
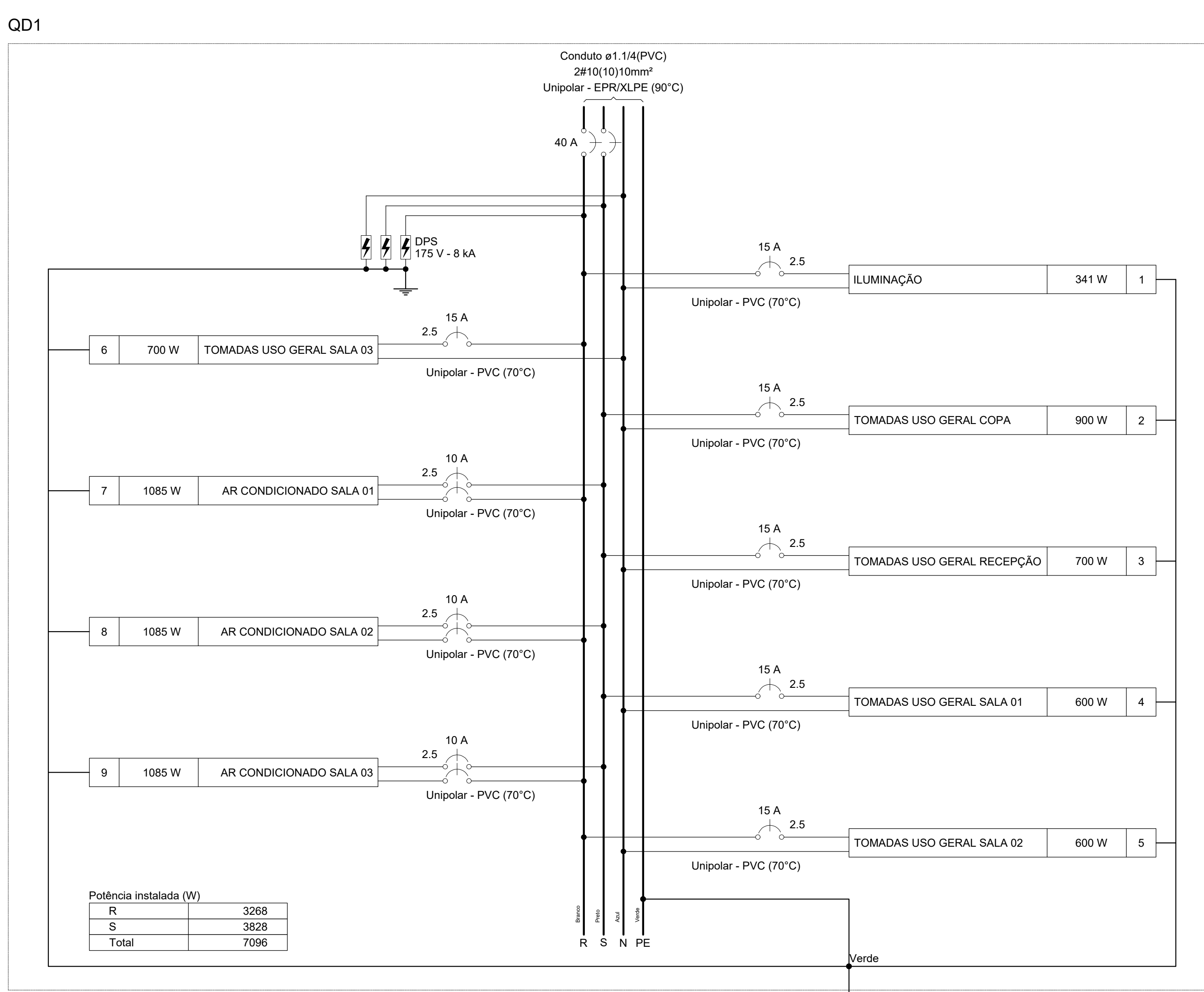




1 PLANTA ELÉTRICA
ESCALA 1:50

Legenda - Pavimento	
	2 Tomadas baixas a 0,30m do piso
	2 Tomadas médias a 1,20m do piso
	Entrada de serviço
	Interruptor simples 2 teclas - 1,20m do piso
	Interruptor simples e Tomada hexagonal a 1,20m do piso
	Luminária LED 12W
	Luminária LED 20W
	Ponto genérico de luz 15W
	Quadro de distribuição
	Quadro de medição
	Tomada alta a 2,20m do piso
	Tomada baixa a 0,30m do piso
	Tomada média a 1,20m do piso

Legenda de fiação - Pavimento	
①	
②	
③	



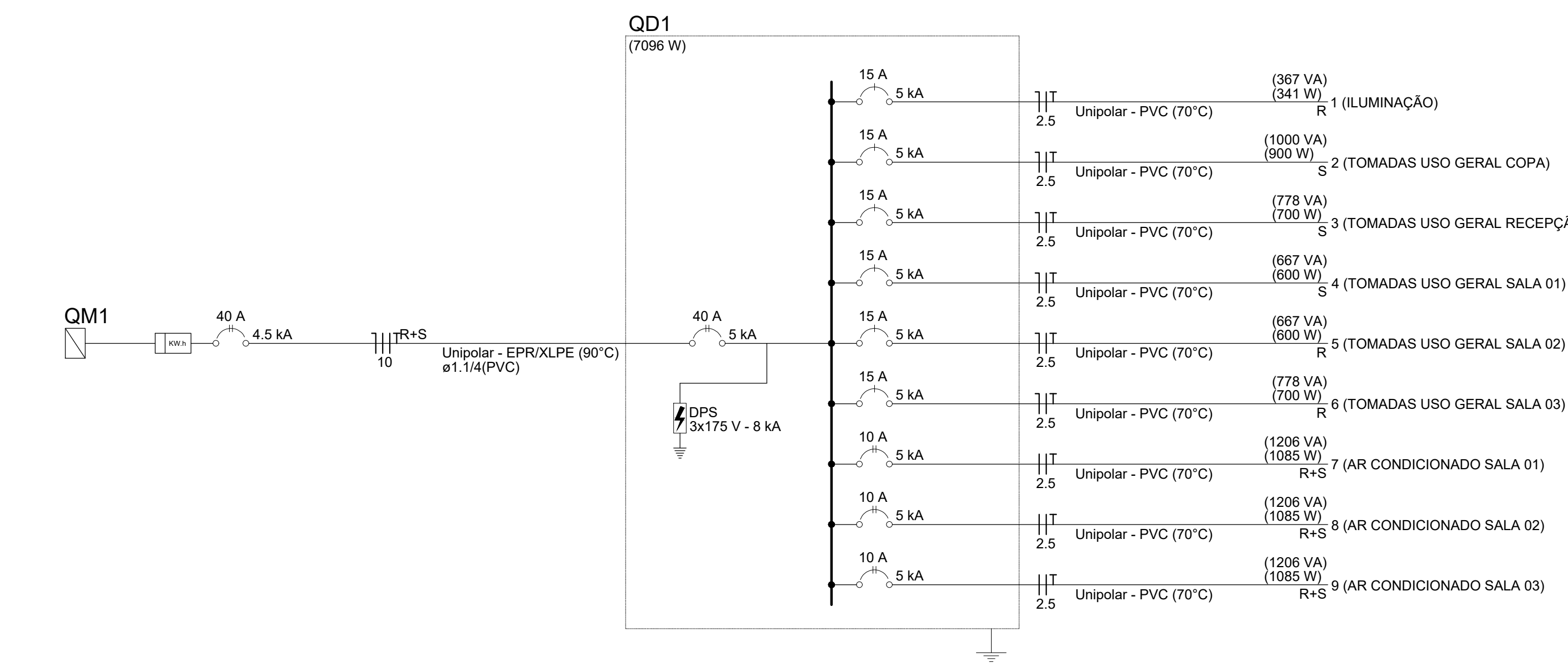
3 DIAGRAMA UNIFILAR
ESCALA S/N

Quadro de Cargas (QM1) - Pavimento														
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	Ip (A)	In' (A)
QD1		2F+N+T	B1	220/127 V	7873	7096	R+S	3268	3828	0	1,00	1,00	35,7	35,7
TOTAL					7873	7096	R+S	3268	3828					

Quadro de Demanda (QM1) - Pavimento														
Tipo de carga														
Potência instalada (kW)														
Condicionador de ar tipo janela (Não residencial)														
Iluminação e TUG's (Escritórios e salas comerciais)														
TOTAL														

Quadro de Cargas (QD1) - Pavimento																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Iluminação (W)	Tomadas (W)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. (A)	Int. 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2 QUADRO DE CARGAS
ESCALA S/N



4 DIAGRAMA UNIFILAR
ESCALA S/N

Lista de materiais - Pavimento		
Elétrica		
Acessórios p/ eletrodutos		
Arruela zamak	1"	3 pç
Bucha zamak	1"	5 pç
Cabeçote p/ Entrada de Energia	1"	1 pç
Caixa PVC	4x2"	29 pç
Caixa PVC octogonal	3x3"	10 pç
Caixa de Luz 4"x2"	4"x 2"	7 pç
Curva 90° aço galvanizado	1"	1 pç
Fitas	Aço Inox	4 pç
Luva aço galvan. leve	1"	3 pç
Placa de identificação da unidade consumidora	ENERGISA	1 pç
Cabo Unipolar (cobre)		
Isol. EPR - 0,6/1kV		
10 mm² - Azul claro		7.19 m
10 mm² - Branco		7.19 m
10 mm² - Preto		7.19 m
10 mm² - Verde-amarelo		7.19 m
Isol.PVC - 450/750V		
10 mm² - Azul claro		3.05 m
10 mm² - Branco		3.05 m
10 mm² - Preto		3.05 m
2.5 mm² - Amarelo		92.58 m
2.5 mm² - Azul claro		169.9 m
2.5 mm² - Branco		124.14 m
2.5 mm² - Preto		103.94 m
2.5 mm² - Verde-amarelo		130.46 m
Dispositivo Elétrico - embutido		
Placa 2x4"		
Interruptor simples - 2 teclas		2 pç
Placa c/ furo		3 pç
Placa p/ 1 função		7 pç
Placa p/ 2 funções		17 pç
S/ placa		
Interruptor 1 tecla simples e tomada hexagonal (NBR14136)		6 pç
Tomada hexagonal (NBR 14136) (2) 2P+T 10A		11 pç
Tomada hexagonal (NBR 14136) 2P+T 10A		7 pç
Dispositivo de Proteção		
Disjuntor bipolar termomagnético (220 V/127 V) - norma UL		
10 A - 5 kA		3 pç
40 A - 5 kA		1 pç
Disjuntor bipolar termomagnético (380 V/220 V) - DIN (Curva C)		
40 A - 4.5 kA		1 pç
Disjuntor unipolar termomagnético (220 V/127 V) - norma UL		
15 A - 5 kA		6 pç
Dispositivo de proteção contra surto		
175 V - 8 KA		3 pç
Eletroduto PVC flexível		
Eletroduto leve		
1"		6.91 m
3/4"		128.95 m
Eletroduto pesado		
1.1/4"		10.24 m
Luminária e acessórios		
Luminária Led Embutir		
Ledvance Insert 12W		3 pç
Luminária Led Sobrepor		
Ledvance Linear 20W		10 pç
Material p/ entrada serviço		
Caixa de passagem concreto/alvenaria		
CP01		2 pç
Isolador roldana		2 pç
76x79mm		
Poste concreto armado		
Comprimento 7,5m		1 pç
Tubo aço galv. vara 6,0m		
1"		2 pç
Quadro de medição - CEMIG		
Unidade consumidora individual - sobrepor		
CM-16 - caixa para proteção geral (disjuntor até 60A)		1 pç
Quadro distrib. chapa pintada - embutir		
Barr. bif., no Fuse+disj. geral - UL		
Cap. 20 disj. unip. - In barr. 100 A		1 pç

EEA-AMNOH
ESCRITÓRIO DE ENGENHARIA E ARQUITETURA
ASSOCIAÇÃO DOS MUNICÍPIOS DO NOROESTE DE MINAS

PREFEITURA MUNICIPAL DE CHAPADA GAÚCHA - MG

Endereço:
Comunidade Barro Vermelho, Município de Chapada Gaúcha - MG

Proprietário:
Prefeitura Municipal de Chapada Gaúcha - CNPJ: 01.612.489/0001-15

Assinatura do Autor do Projeto:
Bruno Cavalcante Costa e Silva

Eng. Civil - CREA 17.982-01

Assinatura do Proprietário:

Assinatura do Autor do Projeto:

Assinatura do RT de Execução:

Projeto: MAIO / 2026

Desenho: 01/01

Indice de elaboração:

ELÉTRICO INSTITUCIONAL

Desenho: 01/01

Indice de elaboração: