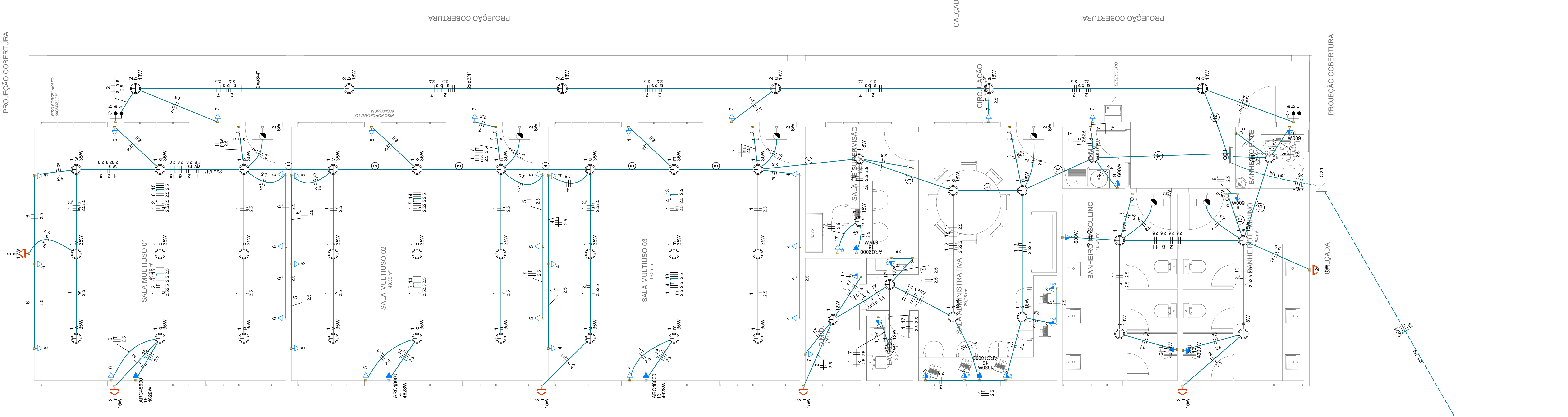
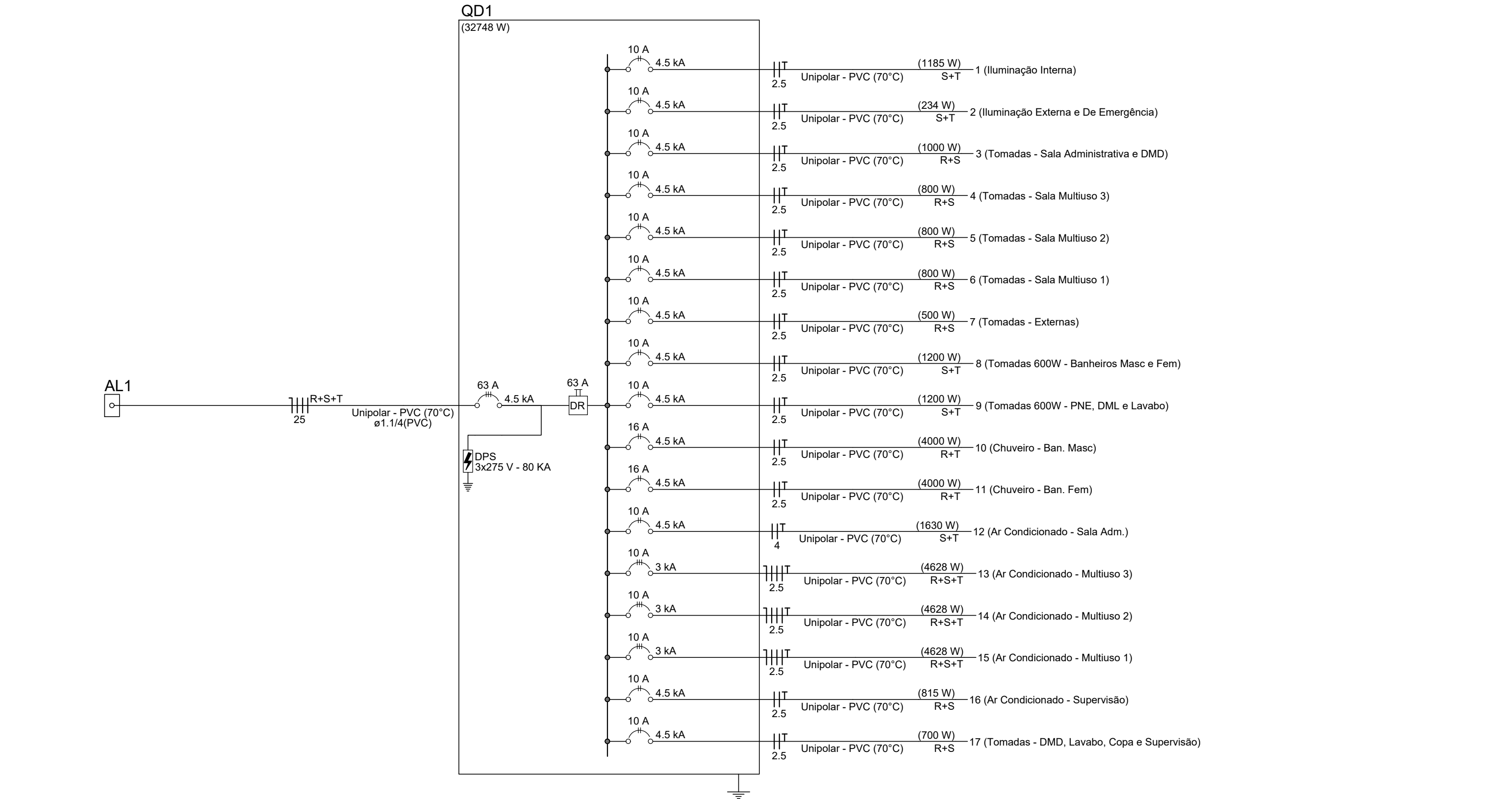


PLANTA BAIXA - INSTALAÇÕES ELÉTRICAS
ESCALA: 1/50



Circuito		Descrição	Elaq- ueta	Método de inst.	Tensão (V)	Iluminação (W)	Tomadas (W)					Pot. total (W)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int	Int
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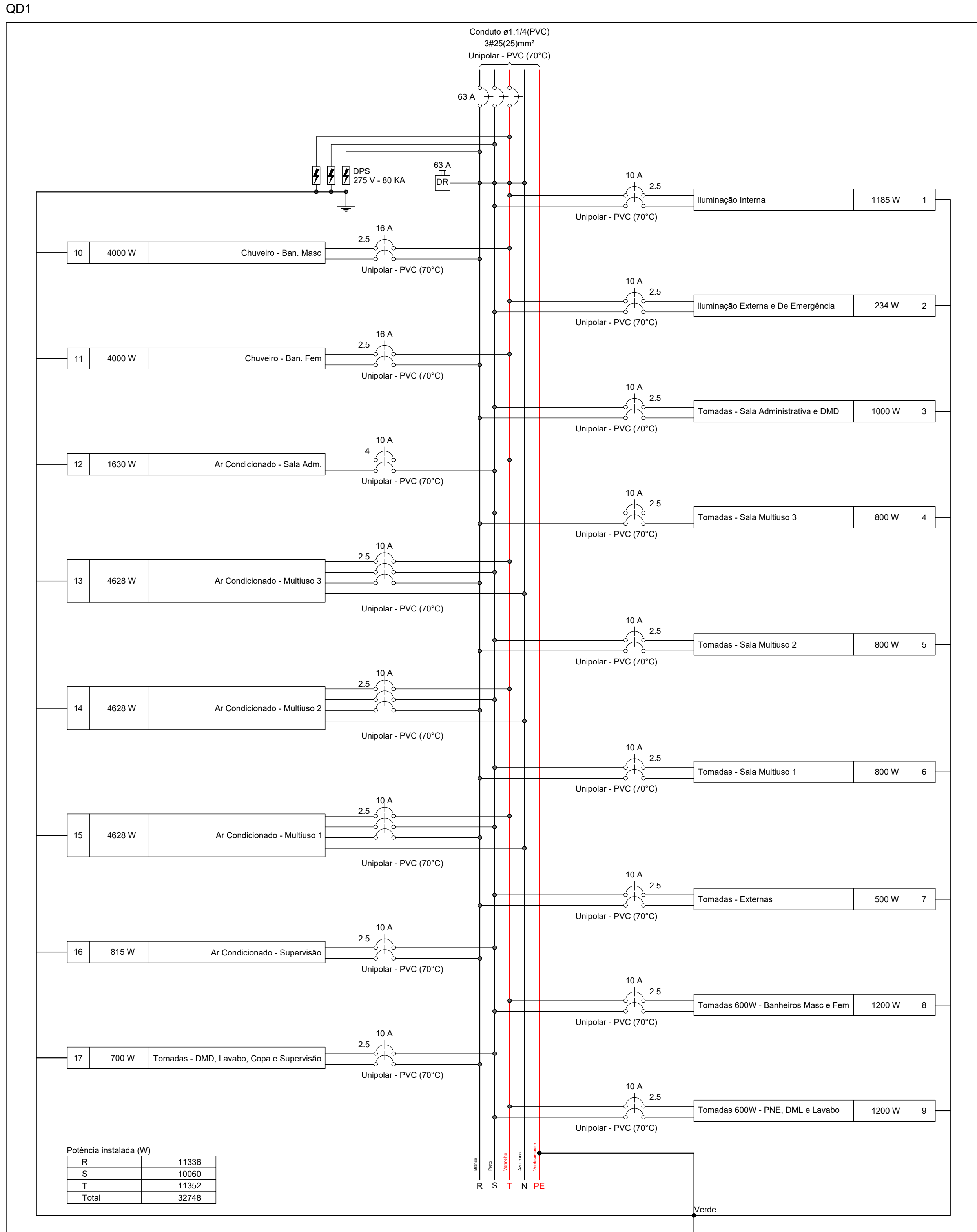


Legenda - Térreo	
2 Tomadas baixas a 0,30m do piso	
2 Tomadas médias a 1,10m do piso	
Bloco autônomo lum. emergência na parede	
Caixa de passagem 300x300x300 no piso	
Entrada de serviço	
Interruptor 1 simples e 2 paralelos - 1,10m do piso	
Interruptor simples 1 teca - 1,10m do piso	
Interruptor simples 2 tecas - 1,10m do piso	
Interruptor simples 3 tecas - 1,10m do piso	
Interruptor simples e Tomada hexagonal a 1,10m do piso	
Luminária LED 12W	
Luminária LED 18W	
Luminária LED 35W	
Ponto genérico de luz 15W	
Quadro de distribuição	
Tomada alta a 2,20m do piso	
Tomada alta a 2,50m do piso	
Tomada baixa a 0,30m do piso	
Tomada média a 1,10m do piso	

Legenda de condutos - Térreo	
Elétrica	
Tubo	
Método	
Baixa	
Piso	

Quadro de Demanda (QD1) - Térreo			
Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Demanda (kW)
Iluminação e TUD's (Escolas e semelhantes)	6.67	100.00	6.67
Uso Específico	28.81	100.00	28.81
TOTAL			35.48

Quadro de Demanda (QD1) - Térreo			
Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Demanda (kW)
Iluminação e TUD's (Escolas e semelhantes)	7.64	100.00	7.64
Uso Específico	28.81	100.00	28.81
TOTAL			36.45



Lista de material - Térreo	
Elétrica	
Acessórios p/ eletrodutos	
Caixa PVC 4x2"	68 pçs
Caixa de Luz 4x2"	
4"x2"	6 pçs
Curva 90º aço galvanizado 1.1/2"	4 pçs
Linha aço galva. pesado 1.1/2"	8 pçs
Acessórios uso geral	
Arame aço galvanizado 1280V	4 m
Massa para cabideir	1 kg
Cabo Unipolar (cabo)	
Isol PVC - 450/750V (ref. Piratic Ecoplus BWF Flexível)	
2.5 mm² - Amarelo	482.83 m
2.5 mm² - Azul claro	91.03 m
2.5 mm² - Branco	438.98 m
2.5 mm² - Preto	625.07 m
2.5 mm² - Verde-amarelo	281.18 m
2.5 mm² - Vermelho	374.53 m
2.5 mm² - Azul claro	16.5 m
2.5 mm² - Branco	16.5 m
2.5 mm² - Preto	16.5 m
2.5 mm² - Vermelho	16.5 m
4 mm² - Preto	16.28 m
4 mm² - Verde-amarelo	16.28 m
4 mm² - Vermelho	16.28 m
Caixa de passagem - embutir	
Avenata 300x300x300mm	2 pçs
Tampa 300x300x50mm	2 pçs
Dispositivos Elétrico - embutido	
Placa 2x4"	
Interruptor 2 paralelos e simples - 3 tecas	2 pçs
Interruptor simples - 1 teca	6 pçs
Interruptor simples - 2 tecas	1 pçs
Interruptor simples - 3 tecas	3 pçs
Placa 4x4"	2 pçs
Placa p/ 1 função	40 pçs
Placa p/ 2 funções	9 pçs
Tomada hexagonal (NBR 14136) 2P+T 10A	6 pçs
SI placa	34 pçs
Interruptor 1 teca simples e tomada hexagonal (NBR14136)	2 pçs
Tomada hexagonal (NBR 14136) (2) 2P+T 10A	1 pçs
Tomada hexagonal (NBR 14136) (2) 2P+T 20A	6 pçs
Tomada hexagonal (NBR 14136) 2P+T 10A	34 pçs
Dispositivo de Proteção	
Disjuntor Tripolar Termomagnético - norma DIN (Curva C)	
10 A - 3 kA	3 pçs
6.3 A - 4.5 kA	6 pçs
Disjuntor bipolar termomagnético (380 V/220 V) - DIN (Curva B)	1 pçs
10 A - 4.5 kA	12 pçs
16 A - 4.5 kA	2 pçs
Dispositivos de proteção contra surto	
275 V - 80 kA	3 pçs
Interruptor tetrapolar DR (3 fases+neutro - In 30mA) - DIN	1 pçs
Eletroduto PVC flexível	
Eletroduto leve 1"	215.3 m
3/4"	366.6 m
Eletroduto pesado 1.1/2"	9.53 m
1.1/4"	16.5 m
Eletroduto metálico rígido pesado	
Eletroduto galvanizado 1.1/2"	4 m
Iluminação de emergência	
Bloco autônomo - acendimento	
Autonomia 3h - 150lm	6 pçs
Luminária e acessórios	
Luminária Led Embutir Ledvance Downlight 35W	27 pçs
Ledvance Insert 12W	5 pçs
Ledvance Insert 18W	16 pçs
Material p/ entrada serviço	
Cabeçote alumínio p/ eletroduto 1.1/2"	1 pçs
Cabo cobre nu 16mm²	19 pçs
Haste de aterramento aploador 16x200mm cônico	5 pçs
Quadro distrib. chapa pirada - embutir	
Barr. trif. dis. geral. compacto - DIN (Ref. Morator)	
Cap. 48 dis. imp. - In barr. 100 A	1 pçs

Legenda de fiação - Térreo	
1	1 2 6 15 2x3x4"
2	1 2 5 6 15 2x3x4"
3	1 2 5 6 14 15 2x3x4"
4	1 2 5 6 7 14 2x3x4"
5	1 2 4 5 6 7 2x1"
6	1 2 4 5 6 7 2x1"
7	1 2 4 5 6 7 2x1"
8	1 2 4 5 6 7 2x1"
9	1 2 4 5 6 7 2x1"
10	1 2 4 5 6 7 2x1"
11	1 2 4 5 6 7 2x1"
12	1 2 4 5 6 7 2x1"
13	1 2 4 5 6 7 2x1"
14	1 2 4 5 6 7 2x1"
15	1 2 4 5 6 7 2x1"

PROJETO	DATA	Nº	DESCRIÇÃO	RESPONSÁVEL
ELÉTRICO	09/2022	00	PRJ_ELE - EXECUTIVO FINAL	
PROJETO:				FOLHA
ELÉTRICO				01/01
EXECUTIVO				
OBRA: INSTITUCIONAL				
PROPRIETÁRIO: SERVIÇO SOCIAL DO COMERCIAL-SESC, ADMINISTRAÇÃO REGIONAL DO ESTADO DO TOCANTINS				
LOCAL: NW - SW Parque João do Vale, Av. Tocantins, Vila Aurení, PALMAS/TO				
QR CODE:				
PROPRIETÁRIO		ASS. : _____		
CPF/CNPJ: 03.776.012/0009-01		SESC - ADMINISTRAÇÃO REGIONAL DO TOCANTINS		
AUTOR DO PROJETO		ASS. : _____		
CAU: 843973-8		LIZIANA GUZDA PEREIRA		
ART:				
RESP. TÉCNICO				
CAU/CREA:		ASS. : _____		
ART:		+		
EMPRESA EXECUÇÃO				
CREA:		ASS. : _____		
ART:		+		
ESCALA: INDICADO	DATA: SETEMBRO - 2022	CONFERIDO:	CONTATO:	
CONTEÚDO:				
• PLANTA BAIXA - INSTALAÇÕES ELÉTRICAS				
• LEGENDAS				
• QUANTOS				
• LISTA DE MATERIAIS				