

Quadro de Cargas (AL1)															
Circuito	Descrição	Esquema	Método de inst.	V (V)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Seção (mm²)	Ic (A)
QD4	QUADRO GERAL	3F+N+T	B1	220 / 127 V	65219	58496	R+S+T	13795	15595	29106	1.00	1.00	159.2	70	171.0
TOTAL					65219	58496	R+S+T	13795	15595	29106					Erro 8

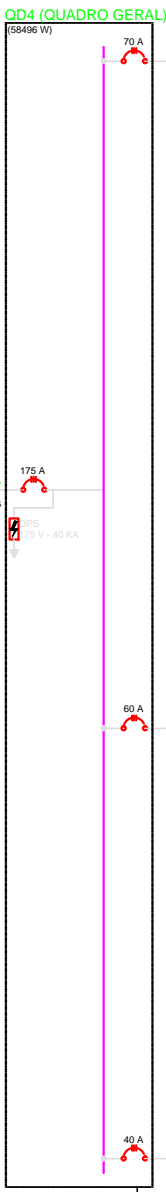
Quadro de Cargas (QD4)															
Circuito	Descrição	Esquema	Método de inst.	V (V)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Seção (mm²)	Ic (A)
QD1	QUADRO 1	3F+N+T	B1	220 / 127 V	33129	29806	R+S+T	6410	6410	16986	1.00	1.00	64.7	25	89.0
QD2	QUADRO 2	3F+N+T	B1	220 / 127 V	19183	16976	R+S+T	3785	5585	7606	1.00	1.00	58.1	16	68.0
QD3	QUADRO 3	3F+N+T	B1	220 / 127 V	12907	11714	R+S+T	3600	3600	4514	1.00	1.00	36.4	10	50.0
TOTAL					65219	58496	R+S+T	13795	15595	29106					

Quadro de Cargas (QD3)															
Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)	Tomadas (W)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)
1	ILUMINAÇÃO	F+N	B1	127 V	4	18	852	852	T	852	852	852	1.00	0.60	9.6
ah					3		138	138	T			138	0.70	7.8	2.5
ai					3		138	138	T			138	0.70	9.3	2.5
aj					6		276	276	T			276	0.65	3.3	2.5
ak					6		276	276	T			276	0.60	6.2	2.5
2	ILUMINAÇÃO	F+N	B1	127 V	7	3	622	622	T	622	622	622	1.00	0.60	7.0
al					3		138	138	T			138	0.70	3.6	2.5
am					4		184	184	T			184	0.60	2.4	2.5
an					3		300	300	T			300	0.60	7.0	2.5
3	TOMADA	F+N+T	B1	127 V		2	800	800	T	800	800	800	1.00	0.60	9.0
4	TOMADA	F+N+T	B1	127 V		2	1333	1200	T	1200	1.00	0.70	15.0	2.5	24.0
5	VENTILADORES	F+N+T	B1	127 V		8	1300	1040	T	1040	1.00	0.60	14.8	2.5	24.0
ao					1		162	130	T			130	0.65	9.1	2.5
ap					1		162	130	T			130	0.60	8.5	2.5
6	AR CONDICIONADO	F+F+T	B1	220 V		1	4000	3600	R+S	1800	1800	1800	1.00	0.65	28.0
7	AR CONDICIONADO	F+F+T	B1	220 V		1	4000	3600	R+S	1800	1800	1800	1.00	0.60	30.3
TOTAL					4	25	3	8	2	2	2	12907	11714	R+S+T	3600

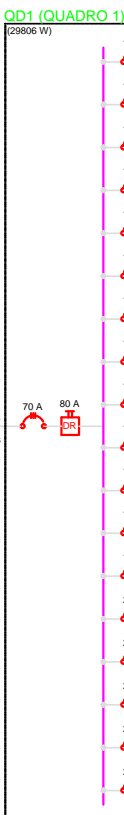
Quadro de Cargas (QD2)																										
Circuito	Descrição	Esquema	Método de inst.	V	Iluminação (W)			Tomadas (W)			Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In (A)	Seção (mm2)	Ic (A)	Dij (A)	dv parc (%)	dv total (%)	Status	
1	ILUMINAÇÃO	F+N	B1	127 V	3	6	46	100	100	300	370	600	3600	294	294	T	294	1.00	0.50	3.9	2.5	24.0	10.0	0.74	2.61	Ok
2	ILUMINAÇÃO	F+N	B1	127 V	12	4	12			952	952	T	952	1.00	0.50	12.5	2.5	24.0	10.0	2.07	3.95	Ok				
	ab				8			368	368	T	368	0.50	7.2	2.5	24.0	Ok										
	ac				4			184	184	T	184	0.60	2.4	2.5	24.0	Ok										
	ad				4			400	400	T	400	0.50	12.5	2.5	24.0	Ok										
4	TOMADAS	F+N+T	B1	127 V				3	3		1200	1200	T	1200	1.00	0.50	15.7	2.5	24.0	10.0	2.14	4.01	Ok			
5	TOMADAS	F+N+T	B1	127 V					2		1333	1200	T	1200	1.00	0.57	17.5	2.5	24.0	13.0	1.30	3.17	Ok			
6	TOMADAS	F+N+T	B1	127 V					1		687	600	T	600	1.00	0.50	10.5	2.5	24.0	10.0	1.64	3.51	Ok			
7	VENTILADORES	F+N+T	B1	127 V		12				1950	1560	T	1560	1.00	0.50	25.5	4	32.0	16.0	1.88	3.76	Ok				
	ae				1			162	130	T	130	0.57	19.2	4	32.0	Ok										
	af				1			162	130	T	130	0.50	15.4	4	32.0	Ok										
	ag				1			162	130	T	130	0.50	10.2	4	32.0	Ok										
8	AR CONDICIONADO	F+F+T	B1	220 V					1		4000	3600	S+T	1800	1800	1800	1.00	0.57	31.9	6	41.0	25.0	1.21	3.08	Ok	
9	AR CONDICIONADO	F+F+T	B1	220 V					1		4000	3600	R+S	1800	1800	1800	1.00	0.50	36.4	6	41.0	25.0	1.21	3.09	Ok	
10	AR CONDICIONADO	F+F+T	B1	220 V					1		4000	3600	R+S	1800	1800	1800	1.00	0.50	36.4	6	41.0	25.0	1.74	3.82	Ok	
11	BOMBA	F+N+T	B1	220 V					1		787	370	R+S	185	185	185	1.00	0.50	7.2	2.5	24.0	1.01	2.62	Ok		
TOTAL					3	18	4	12	3	3	1	3	3	19183	16976	R+S+T	3785	5585	7606							

Quadro de Cargas (QD1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)												Tomadas (W)								Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1	ILUMINAÇÃO	F+N	B1	127 V	4	6	40	46	100	130	0	100	130	195	250	300	400	600	900	2810	3600	1334	93	T	1334	1334	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276	276	T	93	276

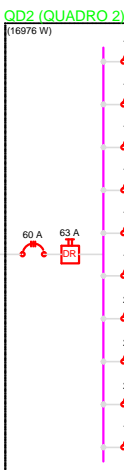
QD4 (QUADRO GERAL)



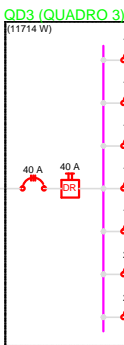
QD1 (QUADRO 1)



QD2 (QUADRO 2)



QD3 (QUADRO 3)



PREFEITURA MUNICIPAL DE
VÁRZEA GRANDE
amar - cuidar - acreditar

PREFEITURA MUNICIPAL DE VÁRZEA GRANDE

LOCALIZAÇÃO: EMEB "JOAQUIM DA CRUZ COELHO"
R. A Quadra 01-Serra Dourada, 78110-002 - VG - MT

ASSUNTO:
ELÉTRICO

DATA:
ABR/2019

UNIDADE:
Metro

ESCALA:
1/350

PROJETO:

REFORMA DA UNIDADE ESCOLAR

AUTOR DO PROJETO:

LUAN BRENO ZANOLLO MILANI
ENGENHEIRO CIVIL CREA-MT 040706