

Quadro de Demanda (QD1)			
Tipo de carga	Potência instalada (KVA)	Fator de demanda (%)	Demanda (KVA)
Iluminação e TUG's (Casas e Apartamentos)	8.44	31	2.62
Bombas de Recalque	0.79	100	0.79
Condicionador de Ar tipo janela (não residencial)	13.17	100	13.17
		TOTAL	16.57



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	Ilum. corredores	F+N	B1	115 V	12	40	60	100	130	370	600	1350	2600	598	598	S	598	1.00	0.60	3.1	2.5	24.0	10.0	1.03	1.03	Ok	
	a				1									46	46	S	46		0.70	0.6	2.5	24.0					Ok
	b				1									46	46	S	46		0.70	1.1	2.5	24.0					Ok
	c				1									46	46	S	46		0.65	0.6	2.5	24.0					Ok
	r				6									276	276	S	276		0.80	3.0	2.5	24.0					Ok
	s				3									138	138	S	138		0.60	3.1	2.5	24.0					Ok
	w				1									46	46	S	46		0.65	1.2	2.5	24.0					Ok
2	Ilum. salas	F+N	B1	115 V	18									828	828	S	828	1.00	0.65	11.1	2.5	24.0	10.0	1.77	1.77	Ok	
	d				2									92	92	S	92		0.65	3.7	2.5	24.0					Ok
	e				2									92	92	S	92		0.65	2.5	2.5	24.0					Ok
	f				2									92	92	S	92		0.65	1.2	2.5	24.0					Ok
	g				2									92	92	S	92		0.65	7.4	2.5	24.0					Ok
	h				2									92	92	S	92		0.65	6.2	2.5	24.0					Ok
	i				2									92	92	S	92		0.65	4.9	2.5	24.0					Ok
	j				2									92	92	S	92		0.65	11.1	2.5	24.0					Ok
	k				2									92	92	S	92		0.65	9.8	2.5	24.0					Ok
	l				2									92	92	S	92		0.65	8.6	2.5	24.0					Ok
3	Ilum. refeitório	F+N	B1	115 V	2	10								540	540	S	540	1.00	0.60	7.2	2.5	24.0	10.0	1.60	1.60	Ok	
	m				1									46	46	S	46		0.65	0.6	2.5	24.0					Ok
	n				1									46	46	S	46		0.65	1.2	2.5	24.0					Ok
	o				1									46	46	S	46		0.65	1.8	2.5	24.0					Ok
	p				1									46	46	S	46		0.65	2.5	2.5	24.0					Ok
	q				2									80	80	S	80		0.60	3.5	2.5	24.0					Ok
	t				6									276	276	S	276		0.80	3.0	2.5	24.0					Ok
4	TUG - VENTILADORES	F+N+T	B1	115 V				10						1625	1300	S	1300	1.00	0.60	13.0	2.5	24.0	16.0	2.06	2.06	Ok	
5	ILUM. EMERGENCIA	F+N	B1	115 V	10									120	120	S	120	1.00	0.60	0.8	2.5	24.0	10.0	0.09	0.09	Ok	
6	TUGs - SALAS	F+N+T	B1	115 V					8					944	800	R	800	1.00	0.65	7.6	2.5	24.0	16.0	0.66	0.66	Ok	
7	TUGs - SALA DOS PROF, DIRE.	F+N+T	B1	115 V					10					1194	1000	R	1000	1.00	0.65	16.0	2.5	24.0	16.0	2.03	2.03	Ok	
8	TUGs - COZ.	F+N+T	B1	115 V						2				1333	1200	R	1200	1.00	0.60	18.3	2.5	24.0	16.0	2.77	2.77	Ok	
9	TUGs COZ	F+N+T	B1	115 V					1		1			778	700	R	700	1.00	0.60	10.4	2.5	24.0	16.0	2.17	2.17	Ok	
10	REFLETORES	F+F	B1	230 V			8							480	480	R+S	240	1.00	0.60	1.6	2.5	24.0	10.0	0.26	0.26	Ok	
	u						5							300	300	R+S	150		0.80	1.6	2.5	24.0					Ok
	v						3							180	180	R+S	90		0.60	1.3	2.5	24.0					Ok
11	AR SALA 3	F+F+T	B1	230 V							1			2889	2600	R+S	1300	1.00	0.70	17.9	4	32.0	20.0	2.06	2.06	Ok	
12	AR SALA 2	F+F+T	B1	230 V										2889	2600	R+S	1300	1.00	0.70	17.9	4	32.0	20.0	1.17	1.17	Ok	
13	AR SALA 1	F+F+T	B1	230 V										2889	2600	R+S	1300	1.00	0.70	17.9	4	32.0	20.0	0.67	0.67	Ok	
14	AR - SECRETARIA	F+F+T	B1	230 V								1		1500	1350	R+S	675	1.00	0.65	10.0	4	32.0	20.0	0.24	0.24	Ok	
15	AR - SALA DSO PROF	F+F+T	B1	230 V								1		1500	1350	R+S	675	1.00	0.65	10.0	4	32.0	20.0	0.52	0.52	Ok	
16	AR - DIREÇÃO	F+F+T	B1	230 V								1		1500	1350	R+S	675	1.00	0.65	10.0	4	32.0	20.0	0.63	0.63	Ok	
17	BOMBA RECALQUE	F+F+T	B1	230 V						1				757	370	R+S	185	1.00	0.65	5.3	2.5	24.0	20.0	0.23	0.23	Ok	
TOTAL					10	2	41	8	19	10	1	3	3	22394	19786	R+S	10050	9736	0								