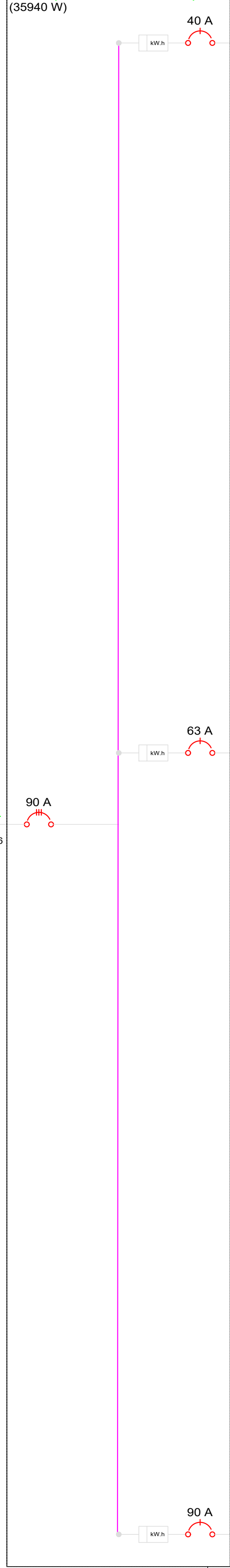
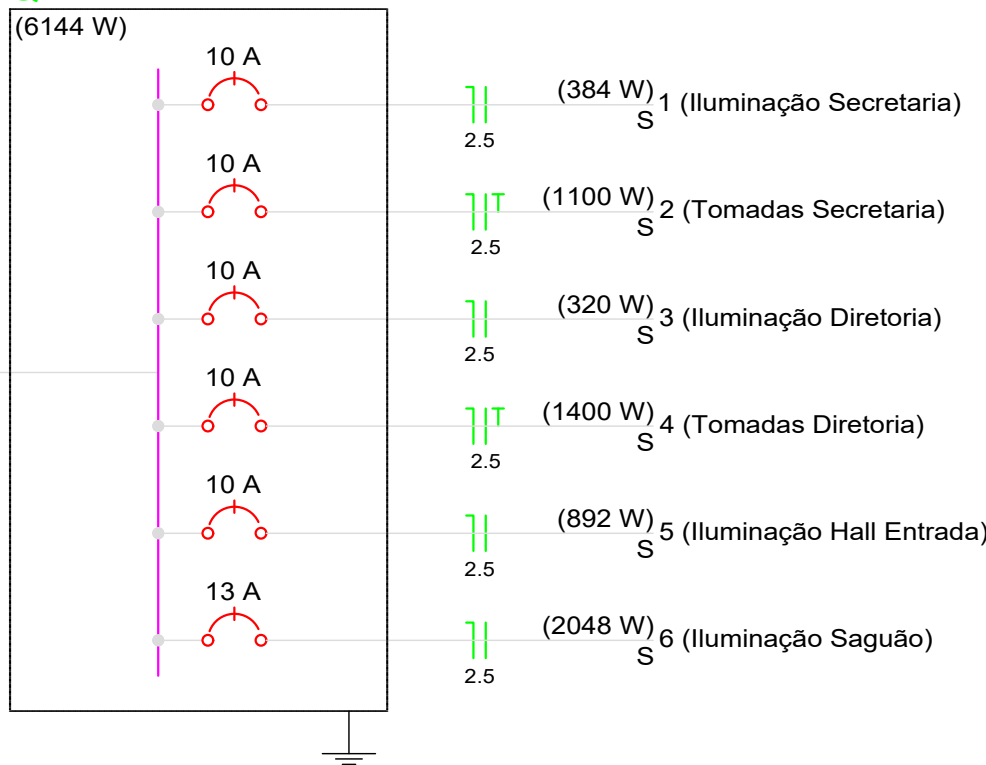


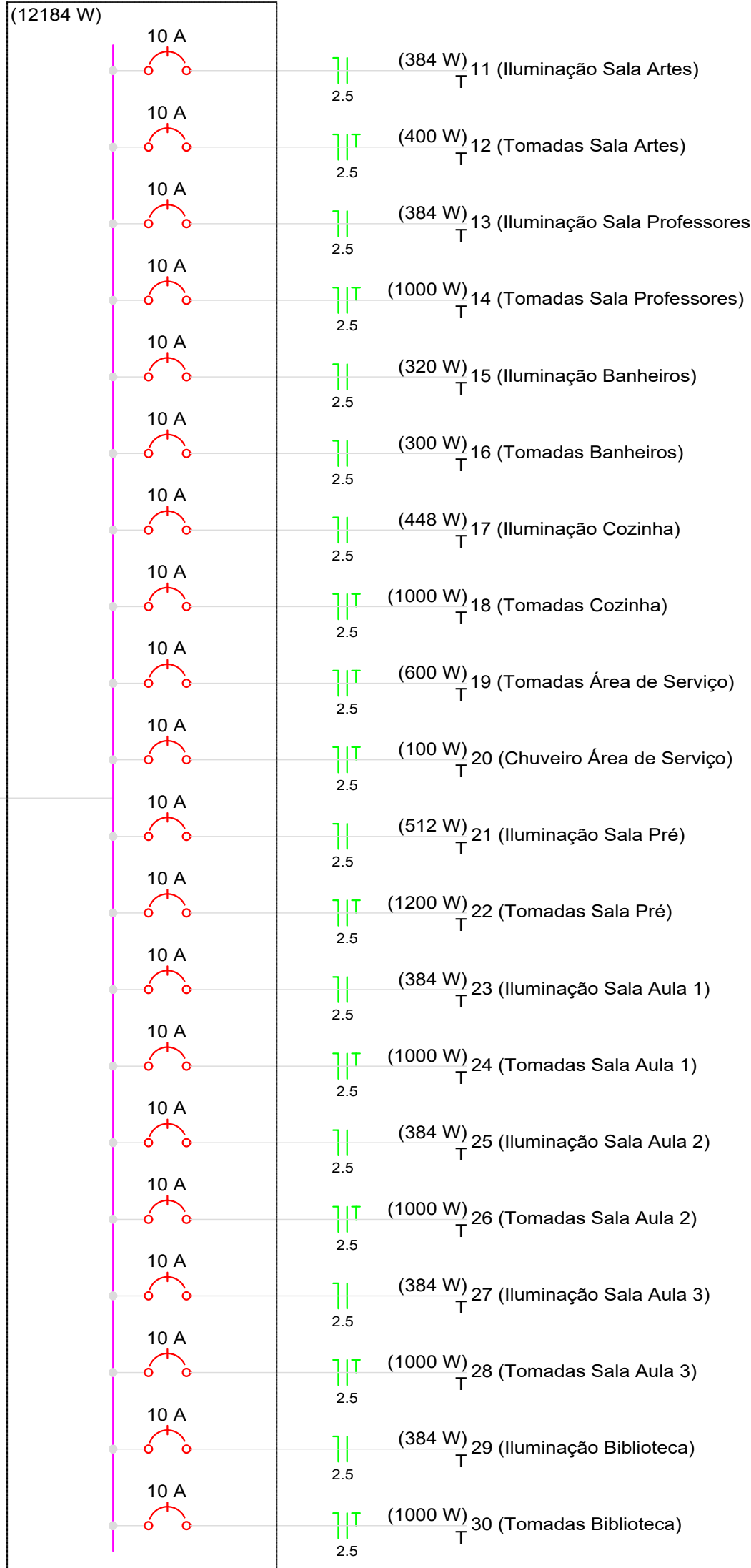
QM1 (Quadro Medidor)



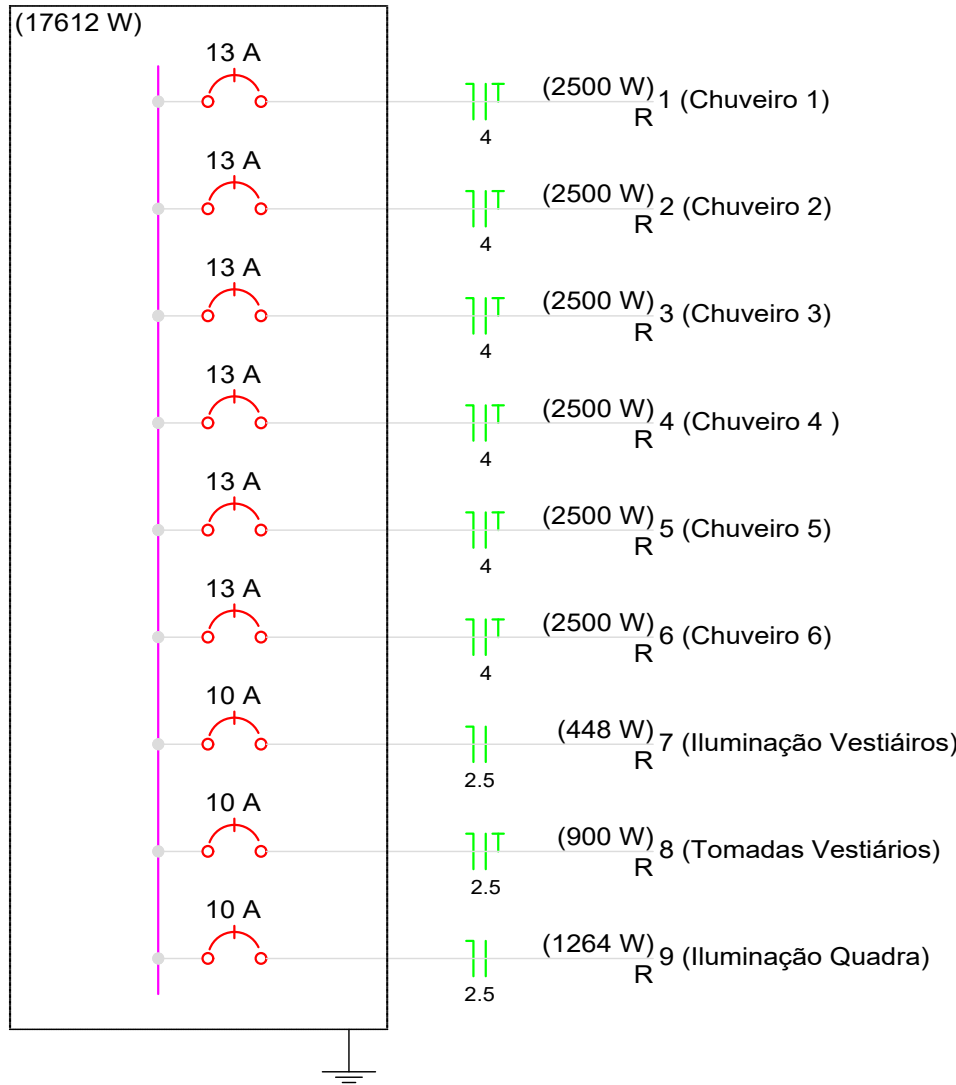
QD1
(6144 W)



QD2
(12184 W)



QD3
(17612 W)



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 Secretaria	F+N	B1	220 V	12	100	474	384	S		384			1.00	0.57	3.8	2.5	24.0	0.18	2.36	Ok
al					2		79	64	S		64				0.57	1.3	2.5	24.0			Ok
aj					2		79	64	S		64				0.57	0.6	2.5	24.0			Ok
ak					2		79	64	S		64				0.57	1.9	2.5	24.0			Ok
al					6		237	192	S		192				0.57	3.8	2.5	24.0			Ok
2	Tomadas Secretaria	F+N+T	B1	220 V		11	1319	1100	S		1100			1.00	0.57	10.5	2.5	24.0	0.34	2.51	Ok
3	Iluminação Diretoria	F+N	B1	220 V	10		395	320	S		320			1.00	0.57	3.2	2.5	24.0	0.22	2.39	Ok
ae					4		158	128	S		128				0.57	3.2	2.5	24.0			Ok
af					2		79	64	S		64				0.57	1.9	2.5	24.0			Ok
ag					2		79	64	S		64				0.57	1.3	2.5	24.0			Ok
ah					2		79	64	S		64				0.57	0.6	2.5	24.0			Ok
4	Tomadas Diretoria	F+N+T	B1	220 V	6	7	1694	1400	S		1400			1.00	0.57	13.5	2.5	24.0	0.98	3.15	Ok
am					6	7	937	892	S		892			1.00	0.57	7.5	2.5	24.0	1.56	3.74	Ok
5	Iluminação Hall Entrada	F+N	B1	220 V	64		2528	2048	S		2048			1.00	0.57	11.5	2.5	24.0	13.0	3.55	Erro 10
an					64		2528	2048	S		2048				0.57	20.2	2.5	24.0			Ok
TOTAL					92	7	7348	6144	S	0	6144	0									

Quadro de Cargas (QD2)

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
11	Iluminação Sala Artes	F+N	B1	220 V	12	100	474	384	T			384	1.00	0.45	4.8	2.5	24.0	10.0	0.15	4.20	Ok
r					4		158	128	T			128		0.45	3.2	2.5	24.0				Ok
s					4		158	128	T			128		0.45	4.8	2.5	24.0				Ok
t					4		158	128	T			128		0.45	1.6	2.5	24.0				Ok
12	Tomadas Sala Artes	F+N+T	B1	220 V		4	500	400	T			400	1.00	0.45	5.1	2.5	24.0	10.0	0.11	4.15	Ok
13	Iluminação Sala Professores	F+N	B1	220 V	12		474	384	T			384	1.00	0.52	4.1	2.5	24.0	10.0	0.11	4.16	Ok
ax					4		158	128	T			128		0.52	4.1	2.5	24.0				Ok
v					8		316	256	T			256		0.52	2.8	2.5	24.0				Ok
14	Tomadas Sala Professores	F+N+T	B1	220 V		10	1236	1000	T			1000	1.00	0.52	10.8	2.5	24.0	10.0	0.19	4.23	Ok
u							0	0	T					1.00	0.0	2.5	24.0				Ok
15	Iluminação Banheiros	F+N	B1	220 V	10		395	320	T			320	1.00	0.52	3.5	2.5	24.0	10.0	0.15	4.19	Ok
w					4		79	64	T			64		0.52	3.5	2.5	24.0				Ok
x					4		158	128	T			128		0.52	1.4	2.5	24.0				Ok
y					4		158	128	T			128		0.52	2.8	2.5	24.0				Ok
16	Tomadas Banheiros	F+N	B1	220 V		3	333	300	T			300	1.00	0.52	2.9	2.5	24.0	10.0	0.13	4.17	Ok
17	Iluminação Cozinha	F+N	B1	220 V	14		553	448	T			448	1.00	0.52	4.8	2.5	24.0	10.0	0.41	4.45	Ok
aa					4		158	128	T			128		0.52	3.5	2.5	24.0				Ok
ab					2		79	64	T			64		0.52	0.7	2.5	24.0				Ok
ac					2		79	64	T			64		0.52	1.4	2.5	24.0				Ok
ad					2		79	64	T			64		0.52	2.1	2.5	24.0				Ok
z					4		158	128	T			128		0.52	4.8	2.5	24.0				Ok
18	Tomadas Cozinha	F+N+T	B1	220 V		10	1236	1000	T			1000	1.00	0.52	10.8	2.5	24.0	10.0	0.71	4.75	Ok
19	Tomadas Área de Serviço	F+N+T	B1	220 V		6	708	600	T			600	1.00	0.52	6.2	2.5	24.0	10.0	0.58	4.62	Ok
20	Chuveiro Área de Serviço	F+N+T	B1	220 V		1	125	100	T			100	1.00	0.52	1.1	2.5	24.0	10.0	0.11	4.15	Ok
21	Iluminação Sala Pré	F+N	B1	220 V	16		632	512	T			512	1.00	0.45	2.9	2.5	24.0	10.0	0.98	5.02	Erro 10
a					4		158	128	T			128		0.45	4.8	2.5	24.0				Ok
av					2		79	64	T			64		0.45	5.6	2.5	24.0				Ok
aw					2		79	64	T			64		0.45	6.4	2.5	24.0				Ok
b					4		158	128	T			128		0.45	1.6	2.5	24.0				Ok
c					4		158	128	T			128		0.45	3.2	2.5	24.0				Ok
22	Tomadas Sala Pré	F+N+T	B1	220 V		12	1472	1200	T			1200	1.00	0.45	6.7	2.5	24.0	10.0	2.21	6.25	Erro 10
23	Iluminação Sala Aula 1	F+N	B1	220 V	12		474	384	T			384	1.00	0.45	4.8	2.5	24.0	10.0	0.66	4.70	Ok
f					4		158	128	T			128		0.45	1.6	2.5	24.0				Ok
g					4		158	128	T			128		0.45	4.8	2.5	24.0				Ok
h					4		158	128	T			128		0.45	3.2	2.5	24.0				Ok
24	Tomadas Sala Aula 1	F+N+T	B1	220 V		10	1250	1000	T			1000	1.00	0.45	5.7	2.5	24.0	10.0	1.59	5.63	Erro 10
25	Iluminação Sala Aula 2	F+N	B1	220 V	12		474	384	T			384	1.00	0.45	4.8	2.5	24.0	10.0	0.46	4.50	Ok
i					4		158	128	T			128		0.45	3.2	2.5	24.0				Ok
j					4		158	128	T			128		0.45	4.8	2.5	24.0				Ok
k					4		158	128	T			128		0.45	1.6	2.5	24.0				Ok
26	Tomadas Sala Aula 2	F+N+T	B1	220 V		10	1250	1000	T			1000	1.00	0.45	5.7	2.5	24.0	10.0	1.15	5.20	Erro 10
27	Iluminação Sala Aula 3	F+N	B1	220 V	12		474	384	T			384	1.00	0.45	4.8	2.5	24.0	10.0	0.33	4.38	Ok
l					4		158	128	T			128		0.45	3.2	2.5	24.0				Ok
m					4		158	128	T			128		0.45	4.8	2.5	24.0				Ok
n					4		158	128	T			128		0.45	1.6	2.5	24.0				Ok
28	Tomadas Sala Aula 3	F+N+T	B1	220 V		10	1250	1000	T			1000	1.00	0.45	12.6	2.5	24.0	10.0	0.82	4.86	Ok
29	Iluminação Biblioteca	F+N	B1	220 V	12		474	384	T			384	1.00	0.45	4.8	2.5	24.0	10.0	0.25	4.29	Ok
o					4		158	128	T			128		0.45	1.6	2.5	24.0				Ok
p					4		158	128	T			128		0.45	4.8	2.5	24.0				Ok
q					4		158	128	T			128		0.45	3.2	2.5	24.0				Ok
30	Tomadas Biblioteca	F+N+T	B1	220 V		10	1250	1000	T			1000	1.00	0.45	12.6	2.5	24.0	10.0	0.49	4.53	Ok
TOTAL					112		86	15036	12184	T	0	0	12184								

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)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status	
					32	100	2500															
1	Chuveiro 1	F+N+T	B1	220 V		1	2500	2500	R	2500			1.00	0.50	22.7	4	32.0	13.0	0.35	3.57	Ok	
2	Chuveiro 2	F+N+T	B1	220 V		1	2500	2500	R	2500			1.00	0.50	22.7	4	32.0	13.0	0.30	3.53	Ok	
3	Chuveiro 3	F+N+T	B1	220 V		1	2500	2500	R	2500			1.00	0.50	22.7	4	32.0	13.0	0.25	3.48	Ok	
4	Chuveiro 4	F+N+T	B1	220 V		1	2500	2500	R	2500			1.00	0.50	22.7	4	32.0	13.0	0.76	3.99	Ok	
5	Chuveiro 5	F+N+T	B1	220 V		1	2500	2500	R	2500			1.00	0.50	22.7	4	32.0	13.0	0.81	4.04	Ok	
6	Chuveiro 6	F+N+T	B1	220 V		1	2500	2500	R	2500			1.00	0.50	22.7	4	32.0	13.0	0.85	4.08	Ok	
7	Iluminação Vestiários	F+N	B1	220 V	14		553	448	R	448			1.00	0.50	5.0	2.5	24.0	10.0	0.16	3.39	Ok	
	at				6		237	192	R	192				0.50	2.2	2.5	24.0				Ok	
	ai				2		78	64	R	64			0.50	5.0	2.5	24.0					Ok	
	au				6		237	192	R	192				0.50	4.3	2.5	24.0				Ok	
8	Tomadas Vestiários	F+N+T	B1	220 V		9	1083	900	R	900			1.00	0.50	9.8	2.5	24.0	10.0	0.35	3.58	Ok	
	ap						0	0	R	0			1.00	0.0	2.5	24.0					Ok	
	aq						0	0	R	0			1.00	0.0	2.5	24.0					Ok	
	ar						0	0	R	0			1.00	0.0	2.5	24.0					Ok	
9	Iluminação Quadra	F+N	B1	220 V	2	12	1279	1264	R	1264			1.00	0.50	11.6	2.5	24.0	10.0	1.61	4.84	Ok	
	ao				2	12	1279	1264	R	1264				0.50	11.6	2.5	24.0					Ok
TOTAL					16	12	9	6	17915	17612	R	17612										