

Quadro de Cargas (QD1)																						
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FP	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status	
1	ILUMINAÇÃO SALAS DE AULA	F+N	B1	220 V	340	306	R	306			0.90	1.00	0.60	1.7	1.5	17.5	10	10	0.23	1.47	OK	
a					100	90	R	90														OK
b					120	108	R	108														OK
c					120	108	R	108														OK
2	ILUMINAÇÃO BWC, SALA PROF. E ASSIST	F+N	B1	220 V	344	252	R	252			0.73	1.00	0.65	1.0	1.6	17.5	10	10	0.13	1.36	OK	
d					48	24	R	24														OK
e					24	12	R	12														OK
f					48	24	R	24														OK
g					20	18	R	18														OK
h					40	36	R	36														OK
i					40	36	R	36														OK
j					80	72	R	72														OK
k					24	12	R	12														OK
3	ILUMINAÇÃO COZINHA , REFEITÓRIO ,BWC W CIR.	F+N	B1	220 V	432	360	R	360			0.83	1.00	0.60	2.1	2.0	17.5	10	10	0.13	1.36	OK	
l					24	12	R	12														OK
m					24	12	R	12														OK
n					40	36	R	36														OK
o					40	36	R	36														OK
p					120	108	R	108														OK
q					140	126	R	126														OK
r					24	12	R	12														OK
4	TOMADAS SALAS	F+N+T	B1	220 V	889	800	R	800			0.90	1.00	0.60	4.2	4.0	25	24	10	0.34	1.57	OK	
5	TOMDAS BANHEIROS SALA PROF. ASSIIST.	F+N+T	B1	220 V	1444	1300	S		1300		0.90	1.00	0.65	5.4	6.6	25	24	10	0.35	1.59	OK	
6	TOMADAS COZINHA	F+N+T	B1	220 V	2667	2400	S		2400		0.90	1.00	0.80	15.2	12.1	25	24	16	1.32	2.55	OK	
7	TORNEIRA ELÉTRICA	F+N+T	B1	220 V	5000	4000	S		4000		0.80	1.00	1.00	22.7	22.7	4	32	25	0.84	2.07	OK	
8	SPLIT SALA 1	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.60	6.9	4.1	25	24	10	0.35	1.59	OK	
9	SPLIT SALA 2	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.65	6.3	4.1	25	24	10	0.48	1.71	OK	
10	SPLIT SALA 3	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.65	6.3	4.1	25	24	10	0.90	2.13	OK	
11	SPLIT PROFESSORES	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.65	6.3	4.1	25	24	10	0.48	1.71	OK	
12	SPLIT ASSIST 1	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.70	5.9	4.1	25	24	10	0.30	1.53	OK	
13	SPLIT ASSIST 2	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.65	6.3	4.1	25	24	10	0.34	1.58	OK	
14	SPLIT MCE	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.70	5.9	4.1	25	24	10	0.49	1.72	OK	
15	TOMADAS EXTERNA E BANHEIROS	F+N+T	B1	220 V	778	700	R	700			0.90	1.00	0.60	5.1	3.5	25	24	10	0.19	1.42	OK	
TOTAL					18225	15816	R+S	8116	7700	0												

Quadro de Cargas (QD2)																						
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FP	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status	
1	ILUMINAÇÃO	F+N	B1	220 V	624	456	T			456	0.73	1.00	0.65	1.1	2.8	17.5	10	10	0.12	2.73	OK	
a					80	72	T			72												OK
b					80	72	T			72												OK
c					80	72	T			72												OK
d					24	12	T			12												OK
e					24	12	T			12												OK
f					48	24	T			24												OK
g					24	12	T			12												OK
h					72	36	T			36												OK
i					72	36	T			36												OK
j					80	72	T			72												OK
k					40	36	T			36												OK
2	TOMADAS	F+N+T	B1	220 V	2111	1900	T			1900	0.90	1.00	0.65	3.9	9.6	25	24	10	0.19	2.90	OK	
3	TOMADAS LAVANDERIA	F+N+T	B1	220 V	556	500	R	500			0.90	1.00	0.65	3.9	2.5	25	24	10	0.24	2.85	OK	
4	SPLIT 1	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.70	5.9	4.1	25	24	10	0.38	2.98	OK	
5	SPLIT 2	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.70	5.9	4.1	25	24	10	0.23	2.84	OK	
6	SPLIT 3	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.65	6.3	4.1	25	24	10	0.31	2.91	OK	
7	SPLIT 4	F+N+T	B1	220 V	904	814	R	814			0.90	1.00	0.70	5.9	4.1	25	24	10	0.30	2.90	OK	
8	CHUVEIRO 1	F+N+T	B1	220 V	5400	5400	R	5400			1.00	1.00	1.00	24.5	24.5	4	32	25	0.97	3.58	OK	
9	CHUVEIRO 3	F+N+T	B1	220 V	5400	5400	R	5400			1.00	1.00	1.00	24.5	24.5	4	32	25	1.64	4.24	OK	
TOTAL					17708	16912	R+T	8342	0	8570												

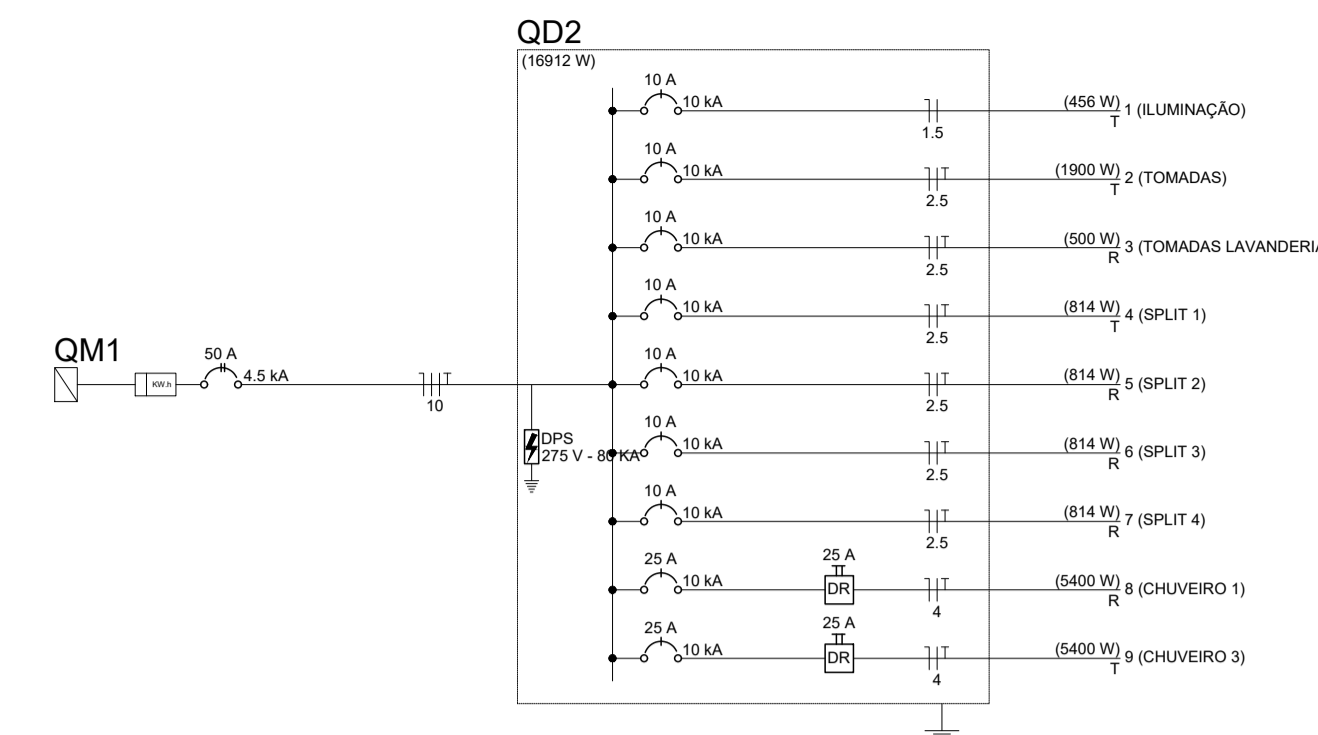


DIAGRAMA UNIFILAR QD2

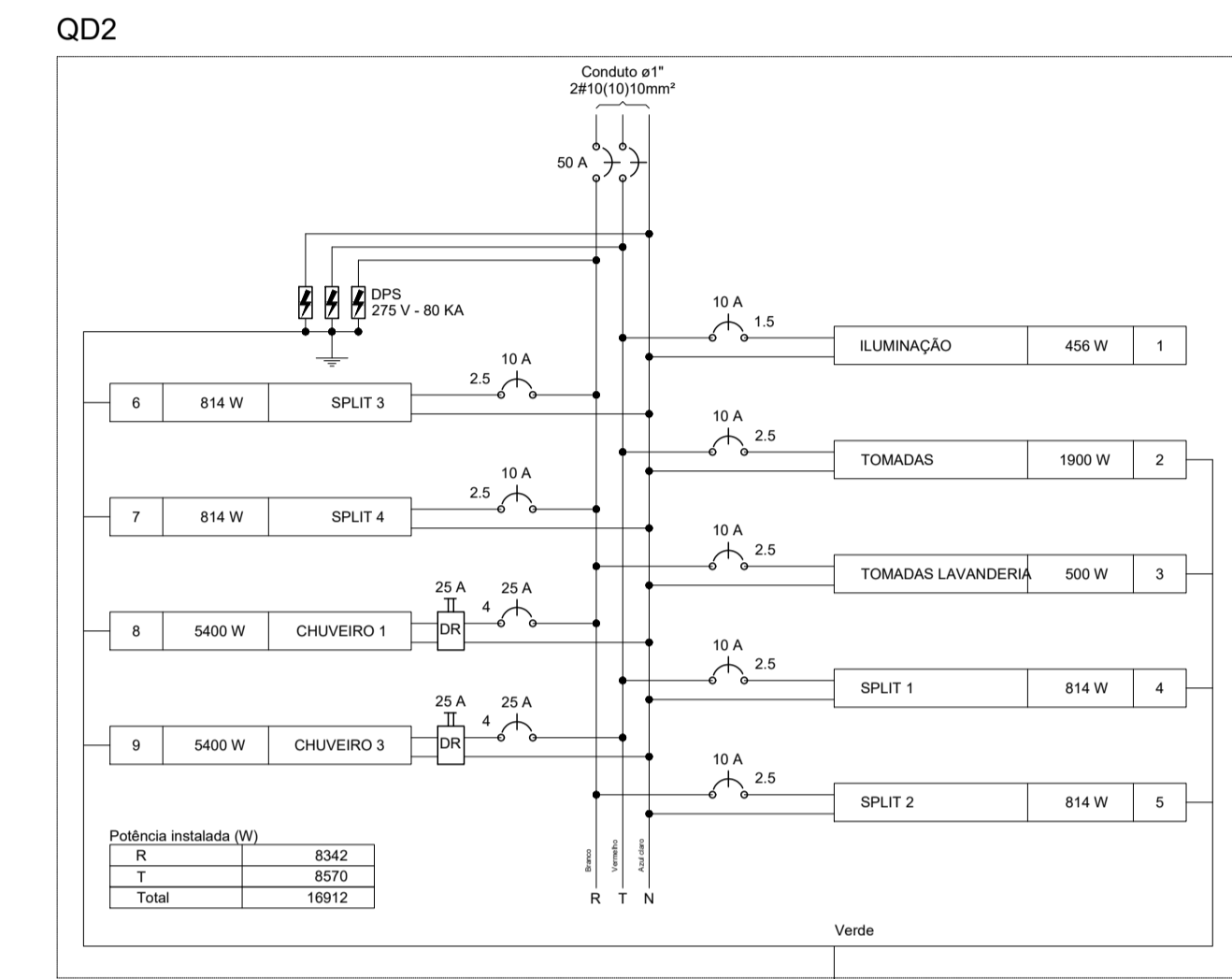


DIAGRAMA MULTIFILAR QD2

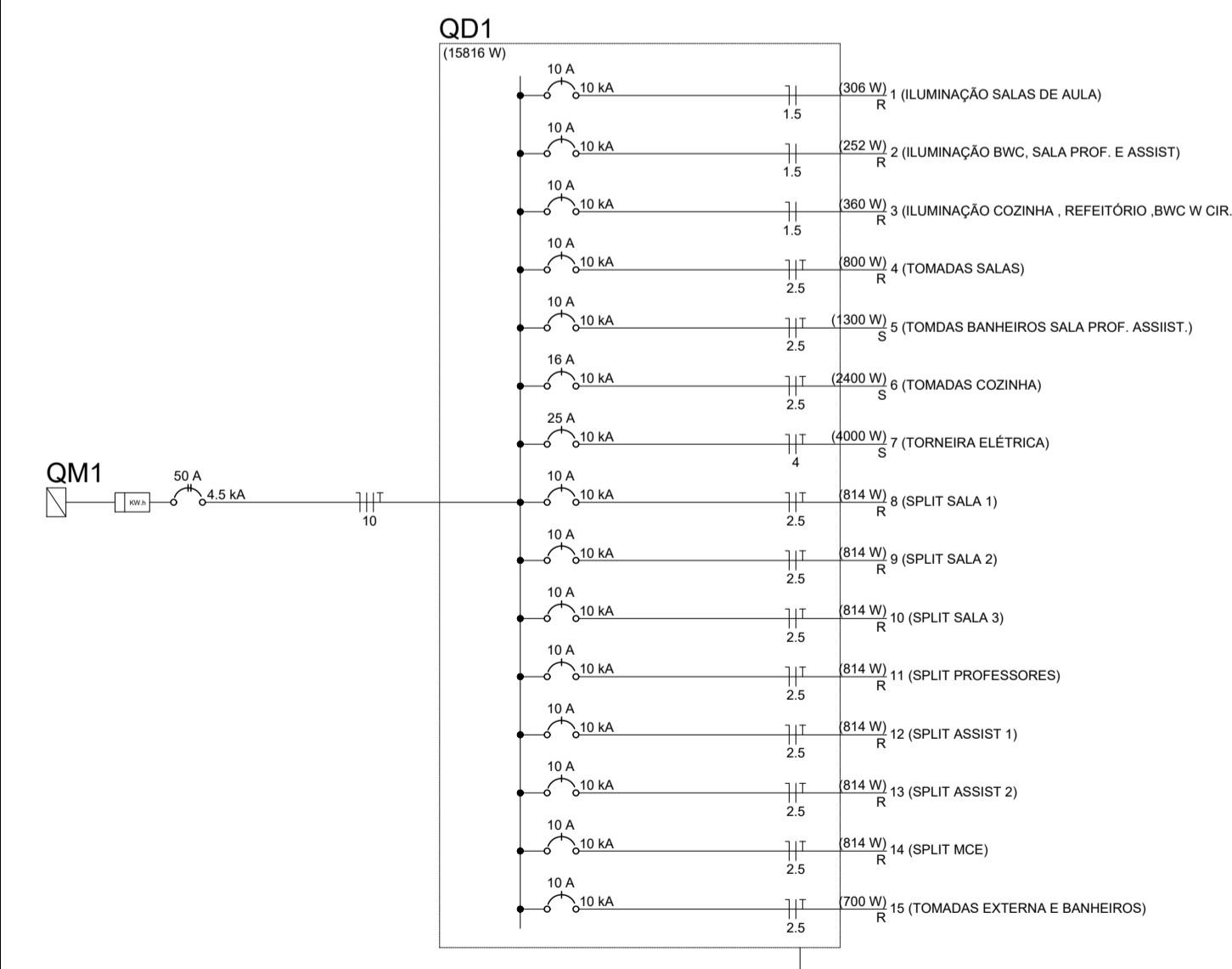


DIAGRAMA UNIFILAR QD1

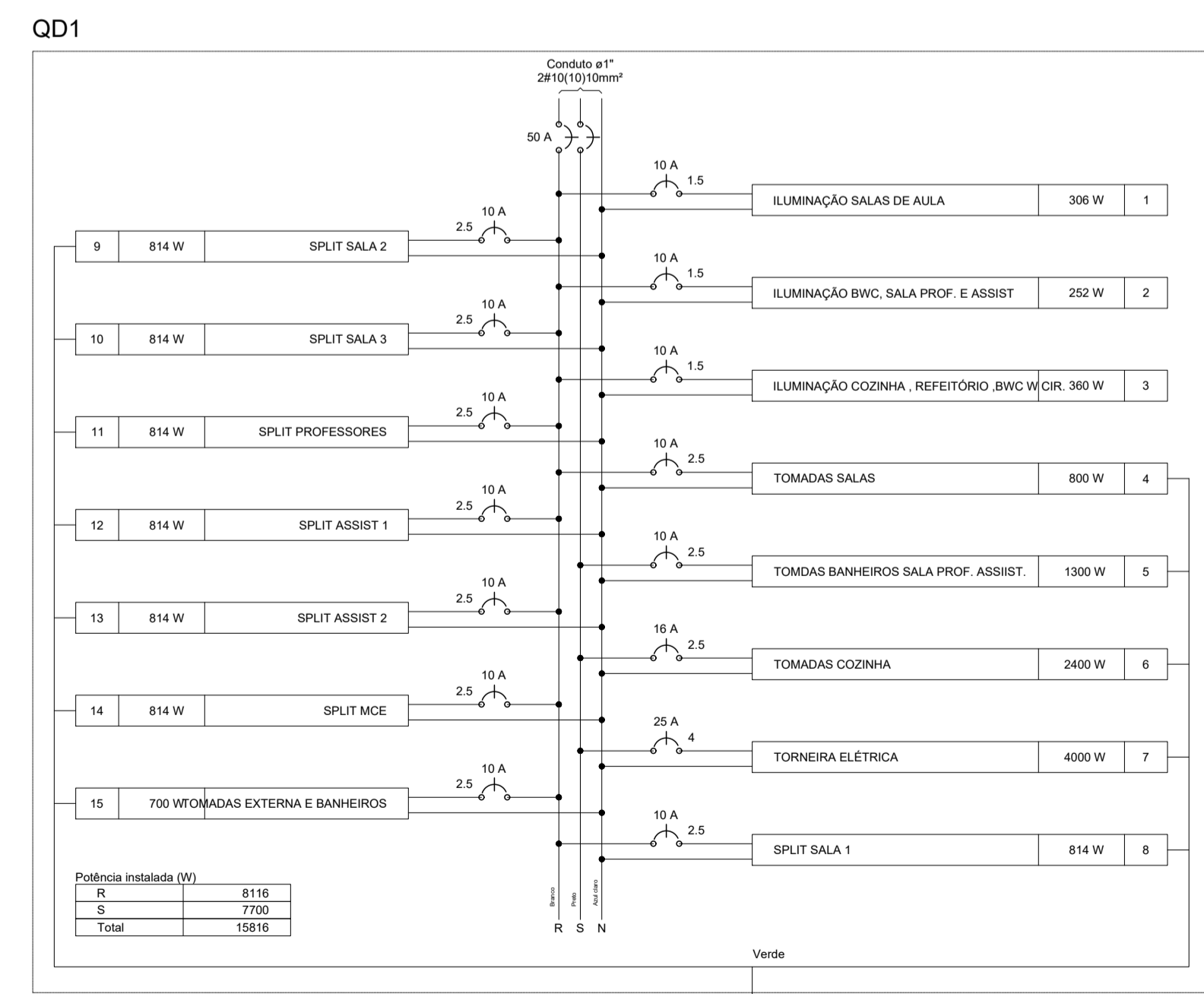


DIAGRAMA MULTIFILAR QD1

**OBRA: PROJETO ELÉTRICO**

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Arquitetura & Engenharia

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PROPRIETÁRIO: Prefeitura Municipal de Sangão LOCAL: Endereço: Rua Porfírio João Pereira Morro Grande-Sangão/SC

RESP. TÉCN.: Dayane Pereira Luiz Engenheira Civil CREA-SC 148202-5

DESENHO: Paula dos Anjos Arquiteta e Urbanista CAU/SC 196413-5

DISCRIMINAÇÃO: PROJETO ELÉTRICO EXISTENTE  
-DIAGRAMAS  
-QUADRO DE CARGAS

PRANCHA

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ÁREA: 305,73m² DATA: DEZEMBRO/2018 ESCALA: Indicada