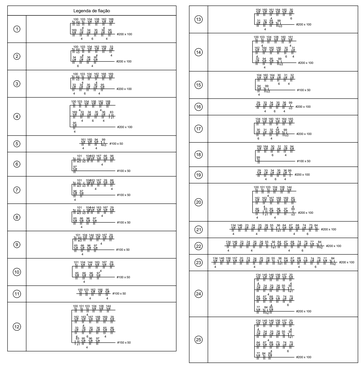
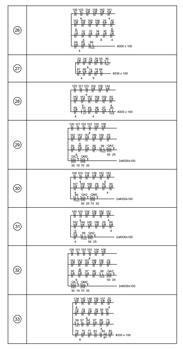
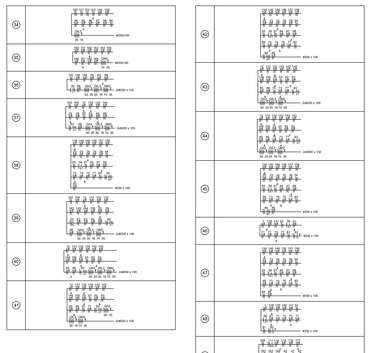
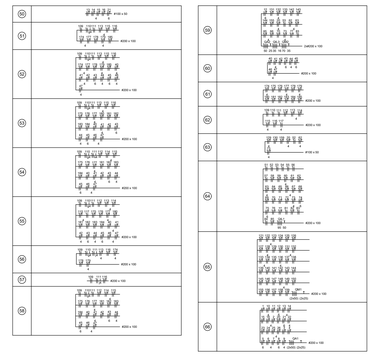
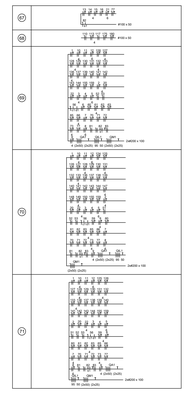
Legenda de fação

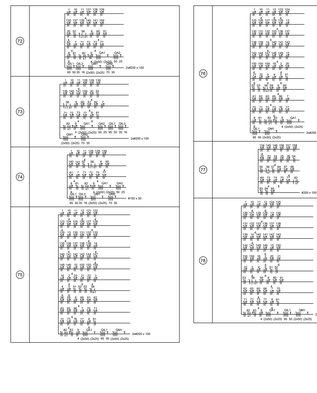


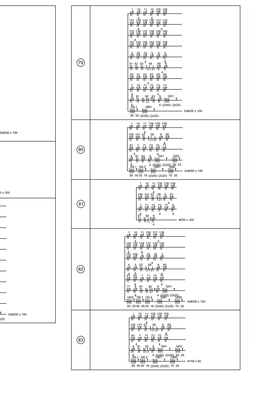


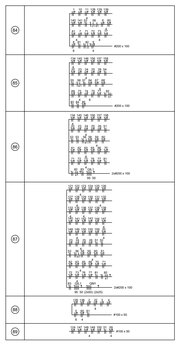


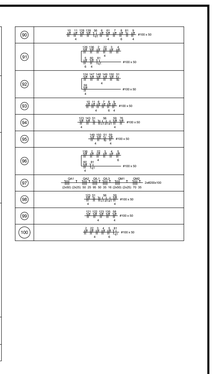












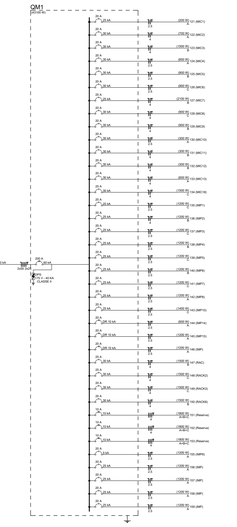
Quadro de Cargas (QM1)

Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	Ir (A)	Ip (A)	Seção (mm2)	Dtq (A)	dV parc (%)
121	MC1	F+N+T	B1	127 V	200	200	A	200			5.2	2.5	2.5	20	0.47
122	MC2	F+N+T	B1	127 V	763	700	A	700			15.8	8.0	4	20	1.54
123	MC3	F+N+T	B1	127 V	1630	1500	B		1500		33.8	12.8	4	20	1.35
124	MC4	F+N+T	B1	127 V	652	600	A	600			13.5	5.1	2.5	20	1.37
125	MC5	F+N+T	B1	127 V	978	900	B		900		20.3	7.7	2.5	20	1.97
126	MC6	F+N+T	B1	127 V	978	900	C		900		20.3	7.7	2.5	20	2.66
127	MC7	F+N+T	B1	127 V	2478	2100	B		2100		51.4	19.5	4	20	4.67
128	MC8	F+N+T	B1	127 V	978	900	C		900		20.3	7.7	4	20	2.22
129	MC9	F+N+T	B1	127 V	978	900	B	900			20.3	7.7	4	20	2.31
130	MC10	F+N+T	B1	127 V	326	300	A	300			6.8	2.6	2.5	20	1.09
131	MC11	F+N+T	B1	127 V	326	300	B		300		6.8	2.6	4	20	0.84
132	MC12	F+N+T	B1	127 V	326	300	B		300		6.8	2.6	4	20	0.80
133	MC13	F+N+T	B1	127 V	652	600	A	600			13.5	5.1	4	20	1.62
134	MC16	F+N+T	B1	127 V	1630	1500	C		1500		33.8	12.8	4	25	3.10
135	IMP1	F+N+T	B1	127 V	1304	1200	C		1200		27.0	10.3	2.5	25	4.39
136	IMP2	F+N+T	B1	127 V	1304	1200	B	1200			27.0	10.3	4	20	2.59
137	IMP3	F+N+T	B1	127 V	1304	1200	C		1200		27.0	10.3	2.5	25	4.39
138	IMP4	F+N+T	B1	127 V	1304	1200	B	1200			27.0	10.3	4	20	2.59
139	IMP5	F+N+T	B1	127 V	1304	1200	C		1200		27.0	10.3	2.5	25	4.39
140	IMP6	F+N+T	B1	127 V	1304	1200	B	1200			27.0	10.3	2.5	20	5.27
141	IMP7	F+N+T	B1	127 V	1304	1200	C		1200		27.0	10.3	2.5	20	6.01
142	IMP8	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	5.07
143	IMP15	F+N+T	B1	127 V	1527	1400	C		1400		31.6	12.0	2.5	20	5.87
144	IMP14	F+N+T	B1	127 V	750	600	A	600			15.5	5.9	2.5	20	3.85
145	IMP15	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	4.81
146	IMP	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	5.78
147	IRAC	F+N+T	B1	127 V	1587	1500	B		1500		34.5	13.1	4	25	2.03
148	RACK2	F+N+T	B1	127 V	1587	1500	C			1500	34.5	13.1	4	20	2.14
149	RACK3	F+N+T	B1	127 V	1587	1500	C			1500	34.5	13.1	4	20	2.24
150	RACK4	F+N+T	B1	127 V	1587	1500	B		1500		34.5	13.1	4	20	2.46
151	Reserva	3F+T	B1	220 V	1800	1800	A+B+C	600	600	600	4.7	4.7	4	10	0.00
152	Reserva	3F+T	B1	220 V	1800	1800	A+B+C	600	600	600	4.7	4.7	4	10	0.00
153	Reserva	3F+T	B1	220 V	1800	1800	A+B+C	600	600	600	4.7	4.7	4	10	0.00
155	IMP9	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	5.44
156	IMP	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	5.14
157	IMP	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	5.02
158	IMP	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	3.35
159	IMP	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	4.43
TOTAL					46857	43100	A+B+C	14400	14400	14300					

QUADRO DE DISTRIBUIÇÃO PARA XICRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

QM1

QGBT1

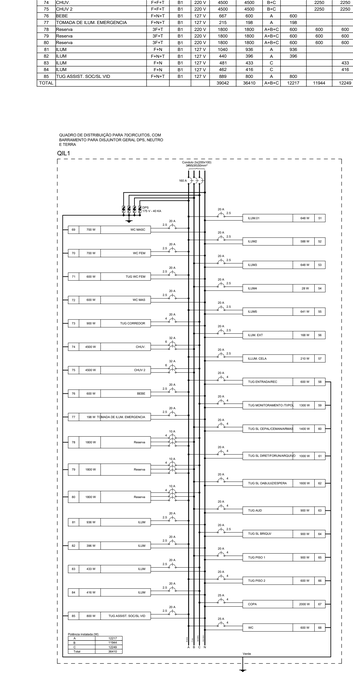


Quadro de Cargas (QIL1)

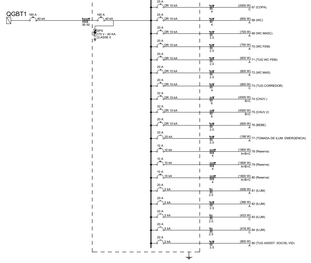
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	Ir (A)	Ip (A)	Seção (mm2)	Dtq (A)	dV parc (%)
51	ILUM.S1	F+N	B1	127 V	720	648	A	648			14.9	5.7	2.5	20	1.68
52	ILUM2	F+N	B1	127 V	653	588	A	588			13.5	5.1	2.5	20	2.58
53	ILUM3	F+N	B1	127 V	720	648	B		648		14.9	5.7	2.5	20	2.21
54	ILUM4	F+N	B1	127 V	31	28	B		28		0.6	0.2	2.5	20	0.14
55	ILUM5	F+N	B1	127 V	712	641	A	641			14.8	5.6	2.5	20	1.82
56	ILUM. EXT.	F+N	B1	127 V	187	168	B		168		3.9	1.5	2.5	20	0.68
57	ILUM.ENTRADA/REC	F+N+T	B1	127 V	233	210	A	210			4.8	1.8	2.5	20	0.95
58	ILUM.ENTRADA/REC	F+N+T	B1	127 V	667	600	A	600			13.8	5.2	2.5	20	1.36
59	TUG MONITORAMENTO-TOPOL	F+N+T	B1	127 V	1444	1000	C		1300		29.9	11.4	4	20	1.40
60	TUG SL CEPAL/CEMANARIAS	F+N+T	B1	127 V	1556	1400	B	1400			30.2	12.2	4	20	2.36
61	TUG SL DIRETOR/LAR/QUVO	F+N+T	B1	127 V	1111	1000	A	1000			23.0	8.7	4	20	2.52
62	TUG SL OAB/JUDESPERA	F+N+T	B1	127 V	1778	1600	B		1600		36.8	14.0	4	20	2.92
63	TUG AUD	F+N+T	B1	127 V	1000	900	B		900		20.7	7.9	4	20	2.31
64	TUG SL BRIQUI	F+N+T	B1	127 V	1000	900	C			900	20.7	7.9	2.5	20	3.08
65	TUG PISO 1	F+N+T	B1	127 V	1125	900	B		900		23.3	8.9	4	20	3.41
66	TUG PISO 2	F+N+T	B1	127 V	750	600	A	600			15.5	5.9	2.5	20	2.25
67	COPA	F+N+T	B1	127 V	2263	2000	C		2000		46.9	17.8	4	25	6.19
68	WC	F+N+T	B1	127 V	667	600	A	600			13.8	5.2	2.5	20	1.83
69	WC MASC	F+N+T	B1	127 V	763	700	A	700			15.8	6.0	2.5	20	1.28
70	WC FEM	F+N+T	B1	127 V	763	700	A	700			15.8	6.0	2.5	20	2.05
71	TUG WC FEM	F+N+T	B1	127 V	652	600	A	600			13.5	5.1	2.5	20	3.73
72	WC MAS	F+N+T	B1	127 V	652	600	A	600			13.5	5.1	2.5	20	3.42
73	TUG CORREDOR	F+N+T	B1	127 V	1000	900	C		900		20.7	7.9	4	20	1.02
74	CHUV	F+F+T	B1	220 V	4500	4500	B+C	2250	2250		23.6	10.8	6	32	2.97
75	CHUV 2	F+F+T	B1	220 V	4500	4500	B+C		2250	2250	23.6	10.8	6	32	2.86
76	BEBE	F+N+T	B1	127 V	667	600	A	600			13.8	5.2	2.5	20	1.03
77	TOMADA DE ILUM. EMERGENCIA	F+N+T	B1	127 V	215	198	A	198			4.5	1.7	2.5	20	0.31
78	Reserva	3F+T	B1	220 V	1800	1800	A+B+C	600	600	600	4.7	4.7	4	10	0.00
79	Reserva	3F+T	B1	220 V	1800	1800	A+B+C	600	600	600	4.7	4.7	4	10	0.00
80	Reserva	3F+T	B1	220 V	1800	1800	A+B+C	600	600	600	4.7	4.7	4	10	0.00
81	ILUM	F+N	B1	127 V	1040	938	A	938			21.5	8.2	2.5	20	3.53
82	ILUM	F+N	B1	127 V	1000	896	A	896			20.6	7.9	2.5	20	3.37
83	ILUM	F+N	B1	127 V	461	413	A		413		9.5	3.6	2.5	20	1.50
84	ILUM	F+N	B1	127 V	452	418	C			418	9.6	3.6	2.5	20	1.33
85	TUG ASSIST. SOCIAL VID	F+N+T	B1	127 V	889	800	A	800			18.4	7.0	2.5	20	2.05
TOTAL					39042	36410	A+B+C	12217	11944	12249					

QUADRO DE DISTRIBUIÇÃO PARA TIOCRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

QIL1



QGBT1

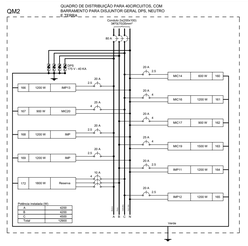


Quadro de Cargas (QM2)

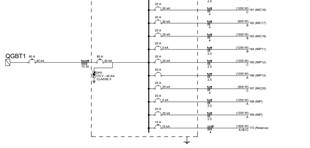
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	Ir (A)	Ip (A)	Seção (mm2)	Dtq (A)	dV parc (%)
160	MC14	F+N+T	B1	127 V	652	600	C			600	13.5	5.1	2.5	20	1.20
161	MC15	F+N+T	B1	127 V	1304	1200	C			1200	27.0	10.3	4	20	1.13
162	MC 17	F+N+T	B1	127 V	978	900	B		900		20.3	7.7	4	20	0.84
163	MC18	F+N+T	B1	127 V	1626	1500	B		1500		37.6	14.4	4	25	1.69
164	IMP11	F+N+T	B1	127 V	1304	1200	B		1200		27.0	10.3	2.5	20	2.51
165	IMP12	F+N+T	B1	127 V	1304	1200	C			1200	27.0	10.3	2.5	20	1.93
166	IMP13	F+N+T	B1	127 V	1500	1500	B	1200			34.5	13.1	4	20	2.35
167	MC20	F+N+T	B1	127 V	1125	900	C		900		23.3	8.9	4	20	1.55
168	IMP	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	2.58
169	IMP	F+N+T	B1	127 V	1304	1200	A	1200			27.0	10.3	2.5	20	3.42
172	Reserva	3F+T	B1	220 V	1800	1800	A+B+C	600	600	600	4.7	4.7	4	10	0.00
TOTAL					14208	12900	A+B+C	4200	4200	4500					

QUADRO DE DISTRIBUIÇÃO PARA XICRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

QM2



QGBT1

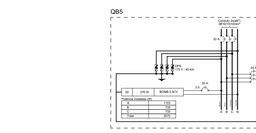


Quadro de Cargas (QM3)

Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	Ir (A)	Ip (A)	Seção (mm2)	Dtq (A)	dV parc (%)
49	BOMBA DE 3 CV	3F+T	B1	220 V	2570	2570	A+B+C	1103	733	733	8.8	6.2	2.5	20	0.26
50	BOMB 5 CV	F+N+T	B1	127 V	787	570	A	570			8.8	6.2	2.5	20	0.26
TOTAL					4100	2570	A+B+C	1103	733	733					

QUADRO DE DISTRIBUIÇÃO PARA XICRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

QM3



QGBT1

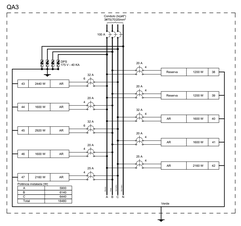
QUADRO DE COMANDO 800X600X250MM COM BARRAMENTO PARA DISJUNTOR GERAL DPS, PARA DUAS BOMBAS , COM ACIONAMENTO POR BOTOEIRAS. PROTEÇÃO DAS BOMBAS

Quadro de Cargas (QA3)

Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	Ir (A)	Ip (A)	Seção (mm2)	Dtq (A)	dV parc (%)
38	Reserva	F+F+T	B1	220 V	1200	1200	A+B	600	600		5.5	5.5	4	20	0.00
39	Reserva	F+F+T	B1	220 V	1200	1200	A+B	600	600		5.5	5.5	4	20	0.00
40	AR	F+F+T	B1	220 V	1739	1600	A+C	800		800	20.8	7.9	4	20	0.82
41	AR	F+F+T	B1	220 V	1739	1600	B+C			800	20.8	7.9	4	20	0.77
42	AR	F+F+T	B1	220 V	2348	2160	A+C	1080		1080	28.1	10.7	4	25	0.94
43	AR	F+F+T	B1	220 V	2652	2440	A+C	1220		1220	31.7	12.1	6	32	0.86
44	AR	F+F+T	B1	220 V	1739	1600	A+B	800	800		20.8	7.9	4	20	1.15
45	AR	F+F+T	B1	220 V	3174	2920	B+C		1460	1460	38.0	14.4	6	32	0.93
46	AR	F+F+T	B1	220 V	1739	1600	A+B	800	800		20.8	7.9	4	20	0.67
47	AR	F+F+T	B1	220 V	2348	2160	B+C		1080	1080	28.1	10.7	4	25	1.10
TOTAL					19878	18480	A+B+C	5900	6140	6440					

QUADRO DE DISTRIBUIÇÃO PARA XICRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

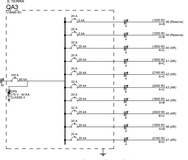
QA3



QGBT1

QUADRO DE DISTRIBUIÇÃO PARA XICRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

QA3



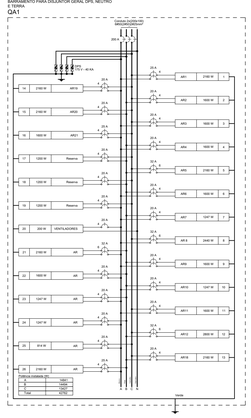
Quadro de Cargas (QM3)

Quadro de Cargas (QA1)

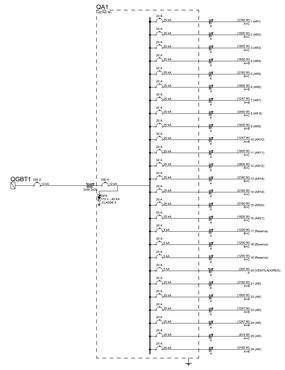
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	Ir (A)	Ip (A)	Seção (mm2)	Dtq (A)	dV parc (%)
1	AR1	F+F+T	B1	220 V	2348	2160	A+C	1080		1080	28.1	10.7	4	25	1.44
2	AR2	F+F+T	B1	220 V	1739	1600	B+C		800	800	20.8	7.9	4	20	1.64
3	AR3	F+F+T	B1	220 V	1739	1600	A+C	800		800	20.8	7.9	4	20	1.41
4	AR4	F+F+T	B1	220 V	1739	1600	A+B	800	800		20.8	7.9	4	20	1.32
5	AR5	F+F+T	B1	220 V	2348	2160	B+C		1080	1080	28.1	10.7	4	32	1.26
6	AR6	F+F+T	B1	220 V	1739	1600	A+B	800	800		20.8	7.9	4	20	2.29
7	AR7	F+F+T	B1	220 V	1355	1247	A+B	624	624		16.2	6.2	4	20	1.73
8	AR 8	F+F+T	B1	220 V	2652	2440	A+C	1220		1220	31.7	12.1	6	32	2.31
9	AR9	F+F+T	B1	220 V	1739	1600	A+B	800	800		20.8	7.9	4	20	2.33
10	AR10	F+F+T	B1	220 V	1355	1247	A+B	624	624		16.2	6.2	4	20	1.85
11	AR11	F+F+T	B1	220 V	1739	1600	A+C	800		800	20.8	7.9	4	20	2.48
12	AR12	F+F+T	B1	220 V	3043	2800	B+C		1400	1400	36.4	13.8	6	32	1.87
13	AR18	F+F+T	B1	220 V	2348	2160	B+C		1080	1080	28.1	10.7	4	20	1.06
14	AR19	F+F+T	B1	220 V	2348	2160	A+C	1080		1080	28.1	10.7	4	20	1.01
15	AR20	F+F+T	B1	220 V	2348	2160	B+C		1080	1080	28.1	10.7	4	20	0.98
16	AR21	F+F+T	B1	220 V	1739	1600	A+C	800		800	20.8	7.9	4	25	0.58
17	Reserva	F+F+T	B1	220 V	1200	1200	B+C		600	600	5.5	5.5	4	20	0.00
18	Reserva	F+F+T	B1	220 V	1200	1200	B+C		600	600	5.5	5.5	4	20	0.00
19	Reserva	F+F+T	B1	220 V	1200	1200	A+C	600		600	5.5	5.5	4	20	0.00
20	VENTILADORES	F+N+T	B1	127 V	200	200	A	200			4.1	1.6	4	20	0.22
21	AR	F+F+T	B1	220 V	2348	2160	A+B	1080	1080		28.1	10.7	6	32	0.61
22	AR	F+F+T	B1	220 V	1739	1600	A+B	800	800		20.8	7.9	4	20	1.52
23	AR	F+F+T	B1	220 V	1355	1247	A+B	624	624		16.2	6.2	4	20	1.47
24	AR	F+F+T	B1	220 V	1355	1247	A+B	624	624		16.2	6.2	4	20	1.39
25	AR	F+F+T	B1	220 V	885	814	A+C	407		407	10.6	4.0	4	20	0.91
26	AR	F+F+T	B1	220 V	2348	2160	A+C	1080	1080		28.1	10.7	4	25	2.48
TOTAL					46158	42792	A+B+C	14849	14494	13427					

QUADRO DE DISTRIBUIÇÃO PARA TIOCRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

QA1

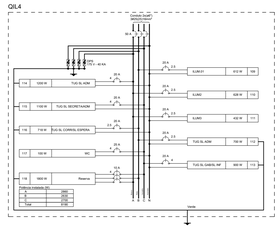


QGBT1

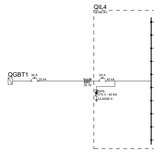


QUADRO DE DISTRIBUIÇÃO PARA TIOCRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

QL4



QGBT1



QUADRO DE DISTRIBUIÇÃO PARA XICRICUTOS, COM BARRAMENTO PARA DISJUNTOR GERAL DPS, NEUTRO E TERRA

QL4

APROVAÇÕES

REVISÕES:

Nº:	Data:	Descrição:	Autor:
00	26/03/2022	EMISSÃO INICIAL	WALLAS NOVAES

ACRE VISÃO DE FUTURO GOVERNO DE TODOS

GOVERNO DO ESTADO DO ACRE
SECRETARIA DO ESTADO DE DESENVOLVIMENTO URBANO REGIONAL
SEDUR

VETOR ENGENHARIA

Nome: Vetor Engenharia e Construções LTDA
End.: Rua Vênus, 182 - Morada do sol - Rio Branco/Ac
Tel.: (68) 3223-3300

Resp. Técnico (ea):
Wallas Novaes Aguiar
Eng° Eletricista - CREA Nº 8287/D-AC

Nome do Autor - CAU OU CREA Nº ***

ASSUNTO: PROJETO DE INSTALAÇÕES ELÉTRICAS

FASE DO PROJETO: EXECUTIVO

OBRA: CONSTRUÇÃO DO CENTRO ADMINISTRATIVO NO MUNICÍPIO DE BRASILÉIA - AC - 2ª ETAPA

END: AVENIDA RUI LINO - ESTRADA DO PACÍFICO BRASILÉIA/AC

NÚMERO DA PRANCHA: ELE 03/04

DADOS DA FONTE:

AREAS (m²):
A Terreno: 4.808,00m²
A Existente: (1ª Etapa) 919,00m²
A Ampliar: (2ª Etapa) 721,00m²
A TOTAL: 1.640,00 m²

Taxas (%):
TO: 34,11%
TP: 30,52%

CONTEÚDO: INDICAÇÕES DE CIRCUITOS, QUADROS DE CARGAS E DIAGRAMAS

ESCALA: INDICADA
DATA: MARÇO / 2022
REVISÃO: REV 00

Endereço Arquivo:

FORMATO – A0 (841x1189)mm