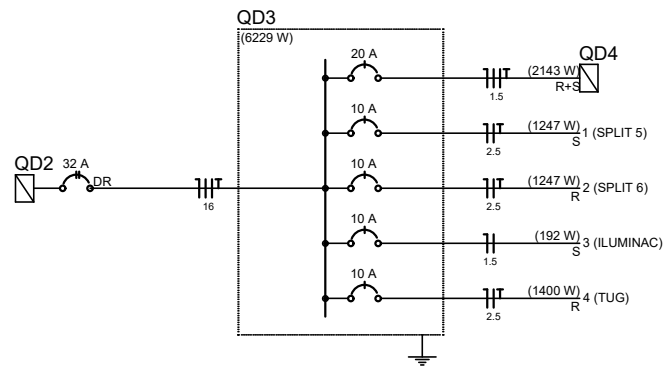
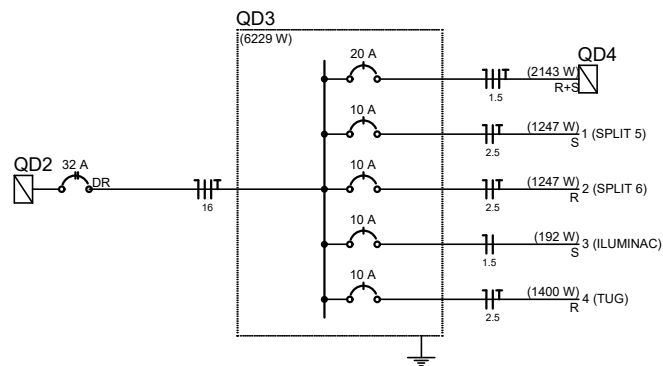
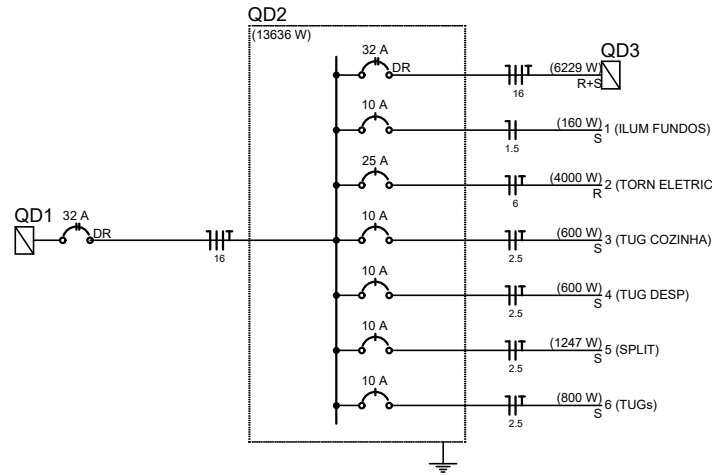
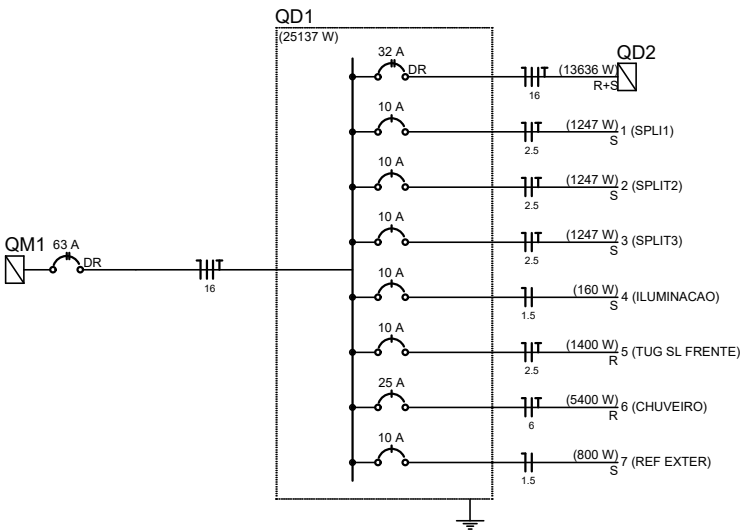


Quadro de Cargas (QD1)																			
Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)		Tomadas (W)			Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In ² (A)	Seção (mm2)
QD2		2F+N+T	B1	380 / 220 V	32	200	100	1247	5400	16090	13636	R+S	7894	5742		0.96	1.00	10.7	16
1	SPLIT1	F+N+T	B1	220 V						1386	1247	S		1247		0.96	0.54	12.1	2.5
2	SPLIT2	F+N+T	B1	220 V				1		1386	1247	S		1247		0.96	0.54	12.1	2.5
3	SPLIT3	F+N+T	B1	220 V				1		1386	1247	S		1247		0.96	0.54	12.1	2.5
4	ILUMINACAO	F+N	B1	220 V	5					160	160	S		160		0.96	0.54	1.4	1.5
a					1					32	32	S		32		1.00	0.2	1.5	23.0
b					1					32	32	S		32		1.00	0.2	1.5	23.0
c					1					32	32	S		32		1.00	0.2	1.5	23.0
e					1					32	32	S		32		1.00	0.2	1.5	23.0
f					1					32	32	S		32		1.00	0.2	1.5	23.0
5	TUG SL FRENTE	F+N+T	B1	220 V			14			1750	1400	R	1400			0.96	0.54	15.3	2.5
6	CHUVEIRO	F+N+T	B1	220 V				1		5400	5400	R	5400			0.96	0.54	47.3	6
7	REF EXTER	F+N	B1	220 V		4				800	800	S		800		0.96	0.54	7.0	1.5
v						4				800	800	S		800		1.00	3.8	1.5	23.0
TOTAL					5	4	14	3	1	28357	25137	R+S	14694	10443	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 ² (A)	Seção (mm2)
QD3		2F+N+T	B1	380 / 220 V	32		100	1247	4000	7045	6229	R+S	3894	2335		0.96	1.00	7.3	16
1	ILUM FUNDOS	F+N	B1	220 V	5					160	160	S		160		0.96	0.57	1.3	1.5
g					1					32	32	S		32		1.00	0.2	1.5	23.0
h					1					32	32	S		32		1.00	0.2	1.5	23.0
i					1					32	32	S		32		1.00	0.2	1.5	23.0
j					1					32	32	S		32		1.00	0.2	1.5	23.0
w					1					32	32	S		32		1.00	0.2	1.5	23.0
2	TORN ELETRIC	F+N+T	B1	220 V				1		5000	4000	R	4000			0.96	0.57	41.5	6
3	TUG COZINHA	F+N+T	B1	220 V			6			750	600	S		600		0.96	0.57	6.2	2.5
4	TUG DESP	F+N+T	B1	220 V			6			750	600	S		600		0.96	0.57	6.2	2.5
5	SPLIT	F+N+T	B1	220 V				1		1386	1247	S		1247		0.96	0.57	11.5	2.5
6	TUGs	F+N+T	B1	220 V			8			1000	800	S		800		0.96	0.57	8.3	2.5
TOTAL					5		20	1	1	16090	13636	R+S	7894	5742	0				

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 ² (A)	Seção (mm2)
QD4		2F+N+T	B1	380 / 220 V	32	200	100	1247		2432	2143	R+S	1247	896		0.96	1.00	4.3	1.5
1	SPLIT 5	F+N+T	B1	220 V					1	1386	1247	S		1247		0.96	0.65	10.1	2.5
2	SPLIT 6	F+N+T	B1	220 V					1	1386	1247	R		1247		0.96	0.65	10.1	2.5
3	ILUMINAC	F+N	B1	220 V	6					192	192	S		192		0.96	0.65	1.4	1.5
n					1					32	32	S		32		1.00	0.2	1.5	23.0
o					2					64	64	S		64		1.00	0.3	1.5	23.0
p					3					96	96	S		96		1.00	0.5	1.5	23.0
4	TUG	F+N+T	B1	220 V		2	10			1650	1400	R	1400			0.96	0.65	6.4	2.5
t						2	3			775	700	R	700			1.00	0.0	2.5	31.0
TOTAL					6	2	10	2		7045	6229	R+S	3894	2335	0				

Quadro de Cargas (QD4)																			
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 ² (A)	Seção (mm2)
1	ILUM	F+N	B1	220 V	3	1				296	296	S		296		0.96	0.70	2.0	1.5
i					1					32	32	S		32		1.00	0.2	1.5	23.0
m					2					64	64	S		64		1.00	0.3	1.5	23.0
u						1				200	200	S		200		1.00	0.9	1.5	23.0
2	SPLIT 7	F+N+T	B1	220 V				1		1386	1247	R	1247			0.96	0.70	9.4	2.5
3	TUGS	F+N+T	B1	220 V			6			750	600	S		600		0.96	0.70	5.1	2.5
TOTAL					3	1	6	1		2432	2143	R+S	1247	896	0				





PREFEITURA MUNICIPAL DE SANT'ANA DO LIVRAMENTO
SEPLAMA - SECRETARIA DE PLANEJAMENTO E MEIO AMBIENTE
RUA ALLAN KARDEC, 55. CEP 97574-260. FONE:0800 090 2050 R 236/237

PROJETO:

E.M.E.F ROSELI NUNES - ITAQUATIÃ

ENDEREÇO:

ÁREA RURAL - ITAQUATIÃ

RESPONSÁVEL TÉCNICO
GONZALO BONFIGLIO - ENG.ELETRICISTA
CREA/RS 120574

PREFEITURA DE SANT'ANA DO LIVRAMENTO:

CNPJ: 88.124.961/0001-59

CARGA: 42,00kW
ART n° 13833559

ESCALAS:
1/100

DATA:
JUNHO/2025

PRANCHA:
ÚNICA

ELÉTRICOD
E2