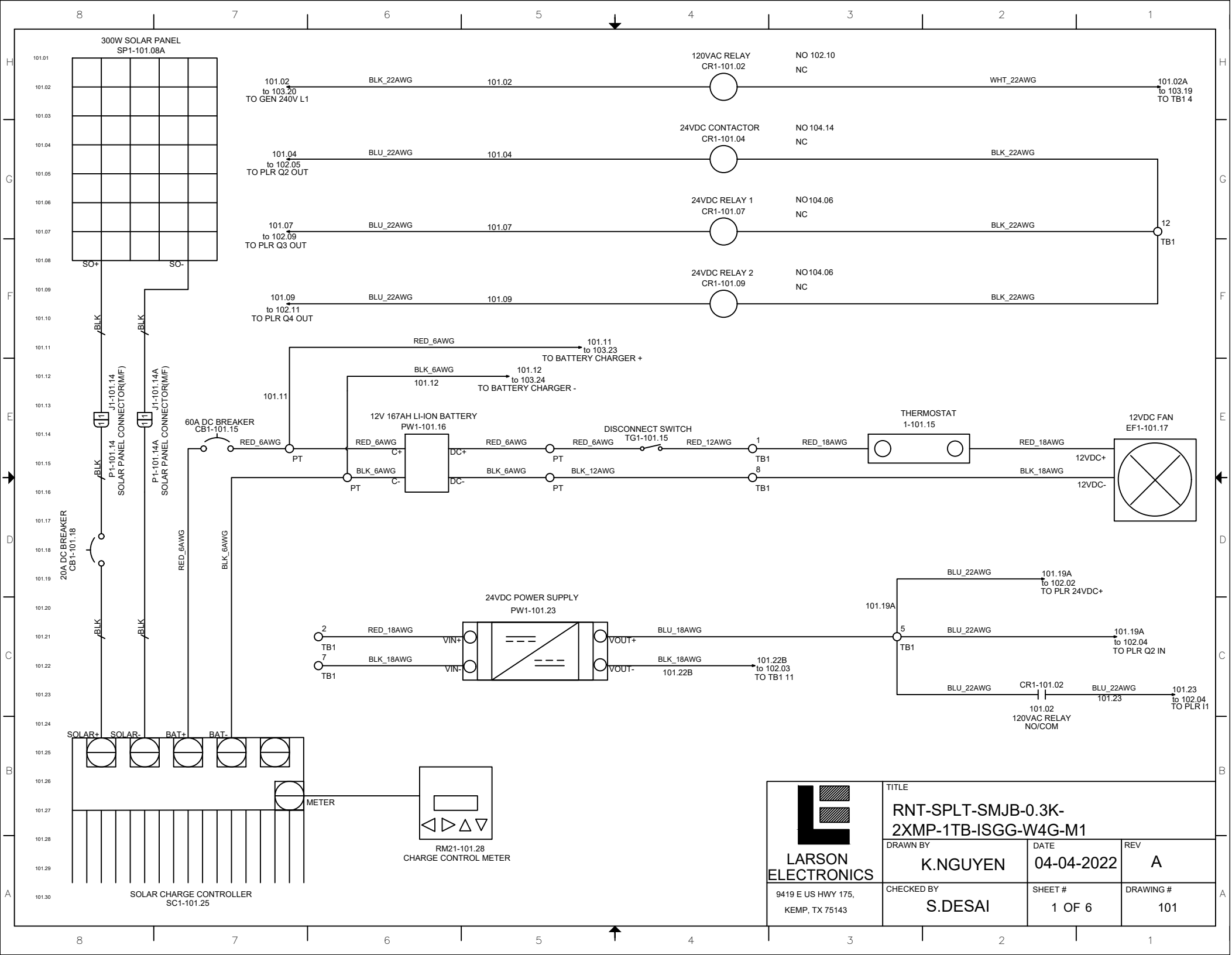
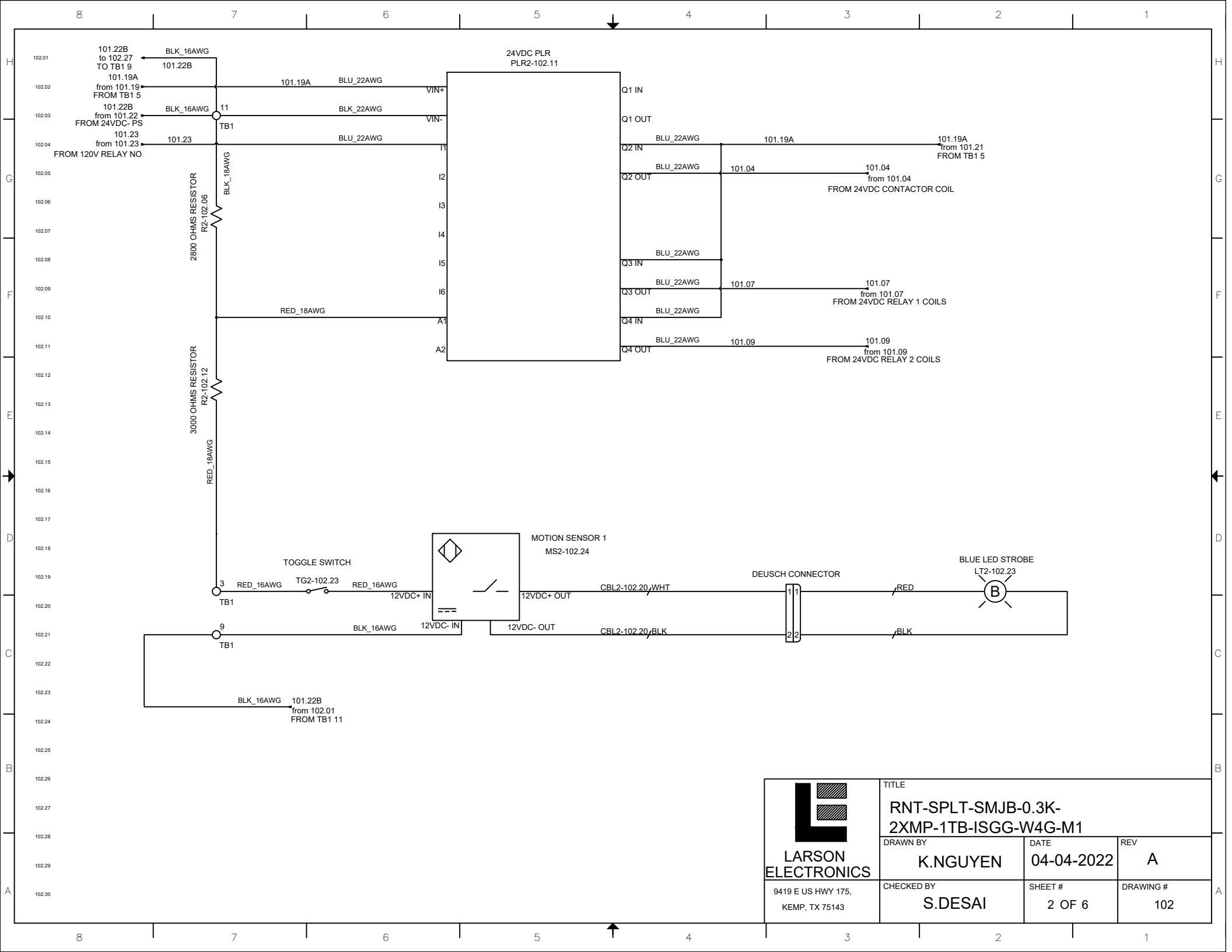
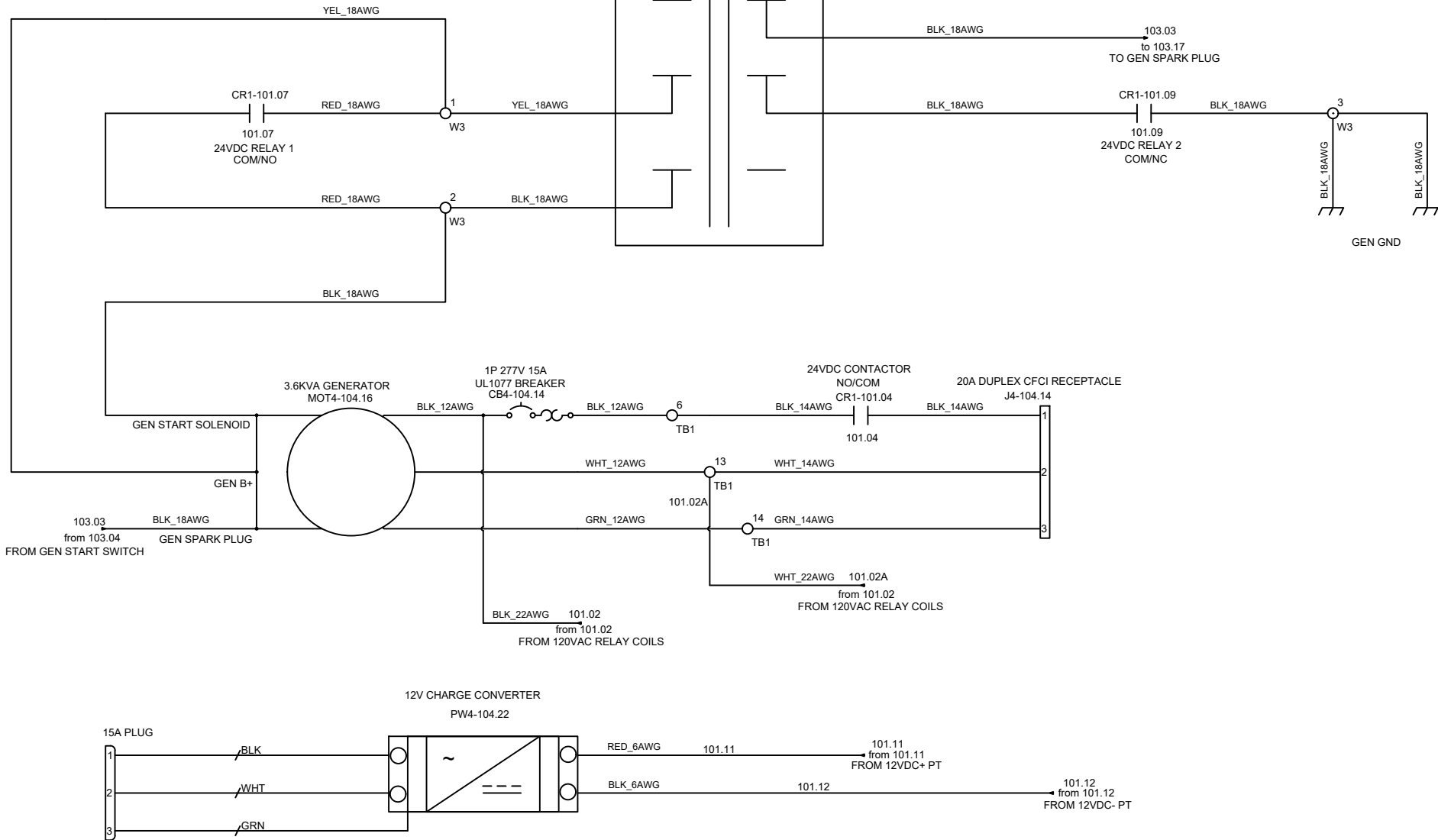


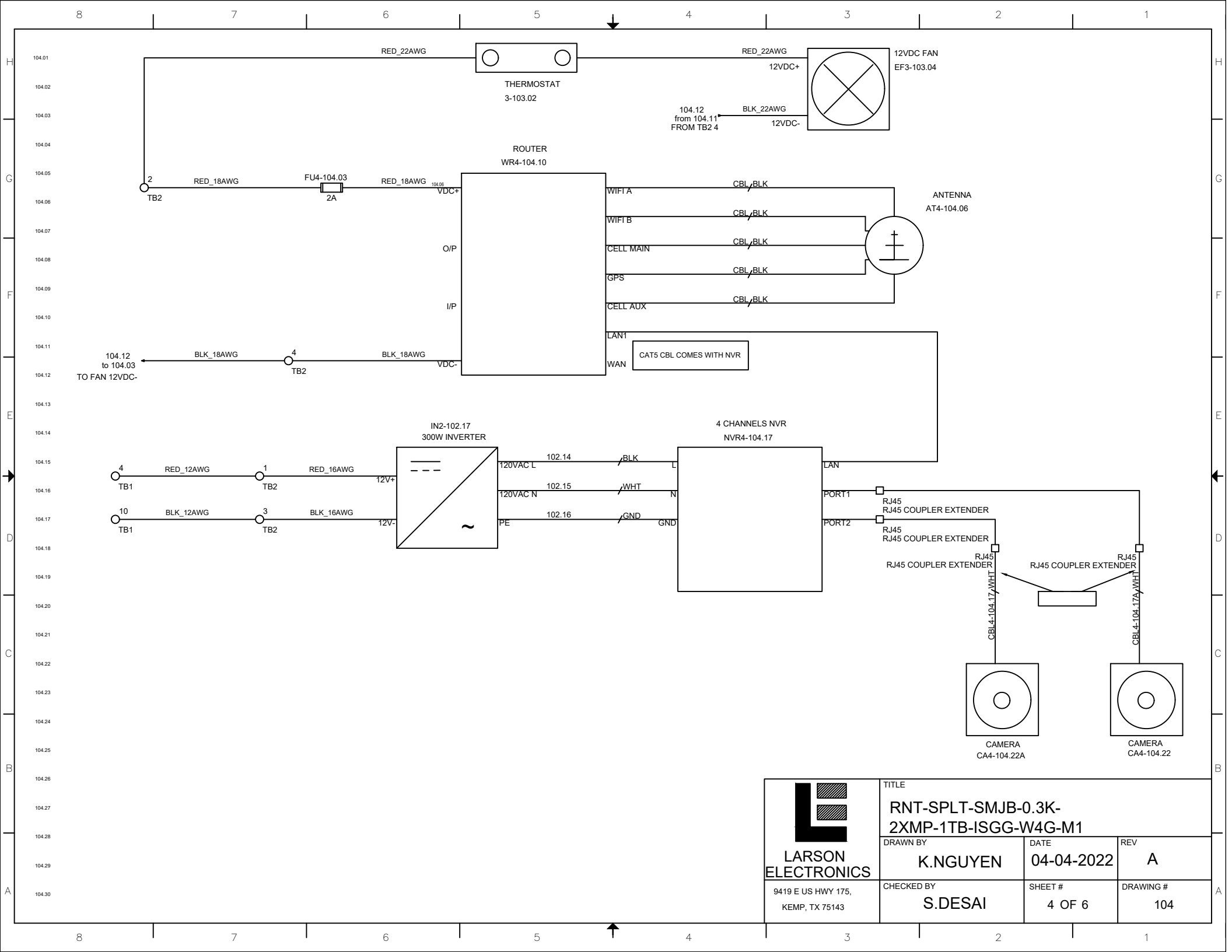
8	7	6	5	4	3	2	1
REV	DESCRIPTION						DATE
A	PRODUCTION RELEASE						04/04/2022
RNT-SPLT-SMJB-0.3K- 2XMP-1TB-ISGG-W4G-M1							
							
8	7	6	5	4	3	2	1







 LARSON ELECTRONICS	TITLE RNT-SPLT-SMJB-0.3K- 2XMP-1TB-ISGG-W4G-M1		
	DRAWN BY K.NGUYEN	DATE 04-04-2022	REV A
	CHECKED BY S.DESAI	SHEET # 3 OF 6	DRAWING # 103
	9419 E US HWY 175, KEMP, TX 75143		



 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE RNT-SPLT-SMJB-0.3K- 2XMP-1TB-ISGG-W4G-M1		
	DRAWN BY K.NGUYEN	DATE 04-04-2022	REV A
	CHECKED BY S.DESAI	SHEET # 4 OF 6	DRAWING # 104

TB1													
Device1	Pin1	Wire1	Type1	T1	Number	T2	Manufacturer	Catalog	Type2	Wire2	Pin2	Device2	Jumper
TG1-101.15			RED_12AWG		1		PHOENIX CONTACT	UNV00013971	RED_18AWG			1-101.15	● ○ ○
PW1-101.23	VIN+		RED_18AWG		2		PHOENIX CONTACT	UNV00013971					● ○ ○
R2-102.12			RED_18AWG		3		PHOENIX CONTACT	UNV00013971	RED_16AWG			TG2-102.23	● ○ ○
TB2	1		RED_12AWG		4		PHOENIX CONTACT	UNV00013971					● ○ ○
PLR2-102.11	VIN+	101.19A	BLU_20AWG		5		PHOENIX CONTACT	UNV00013974	BLU_18AWG	101.19A	VOUT+	PW1-101.23	○ ○ ○
PLR2-102.11	Q2 IN	101.19A	BLU_20AWG						BLU_20AWG	101.19A		CR1-101.02	
CB4-104.14			BLK_12AWG		6		PHOENIX CONTACT	UNV00013974	BLK_14AWG			CR1-101.04	○ ○ ○
PW1-101.23	VIN-		BLK_18AWG		7		PHOENIX CONTACT	UNV00013970					● ○ ○
PT			BLK_12AWG		8		PHOENIX CONTACT	UNV00013970	BLK_18AWG		12VDC-	EF1-101.17	● ○ ○
TB1	11	101.22B	BLK_16AWG		9		PHOENIX CONTACT	UNV00013970	BLK_16AWG		12VDC- IN	MS2-102.24	● ○ ○
TB2	3		BLK_12AWG		10		PHOENIX CONTACT	UNV00013971					● ○ ○
PW1-101.23	VOUT-	101.22B	BLK_16AWG		11		PHOENIX CONTACT	UNV00013975	BLK_16AWG	101.22B	9	TB1	● ○ ○
PLR2-102.11	VIN-	101.22B	BLK_20AWG						BLK_18AWG	101.22B		R2-102.06	
CR1-101.04			BLK_20AWG		12		PHOENIX CONTACT	UNV00013975	BLK_20AWG			CR1-101.07	● ○ ○
CR1-101.09			BLK_20AWG										
CR1-101.02			WHT_20AWG		13		PHOENIX CONTACT	UNV00013975	WHT_12AWG	101.02A		MOT4-104.16	○ ○ ○
J4-104.14	2	101.02A	WHT_14AWG										
MOT4-104.16			GRN_12AWG		14		PHOENIX CONTACT	UNV00013989	GRN_14AWG		3	J4-104.14	○ ○ ○

TB2													
Device1	Pin1	Wire1	Type1	T1	Number	T2	Manufacturer	Catalog	Type2	Wire2	Pin2	Device2	Jumper
TB1	4		RED_12AWG		1		PHOENIX CONTACT	UNV00013971	RED_16AWG		12V+	IN2-102.17	● ○ ○
3-103.02			RED_16AWG		2		PHOENIX CONTACT	UNV00013971	RED_18AWG			FU4-104.03	● ○ ○
TB1	10		BLK_12AWG		3		PHOENIX CONTACT	UNV00013971	BLK_16AWG		12V-	IN2-102.17	● ○ ○
EF3-103.04	12VDC-		BLK_20AWG		4		PHOENIX CONTACT	UNV00013970	BLK_18AWG		VDC-	WR4-104.10	● ○ ○

 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE RNT-SPLT-SMJB-0.3K- 2XMP-1TB-ISGG-W4G-M1		
	DRAWN BY K.NGUYEN	DATE 04-04-2022	REV A
	CHECKED BY S.DESAI	SHEET # 5 OF 6	DRAWING # 105

	8	7	6	5	4	3	2	1	
H									H
G									G
F									F
E									E
D									D
C									C
B									B
A									A
	8	7	6	5	4	3	2	1	

TAGS	QTY	CATALOG	DESCRIPTION
J4-104.14	1	UNV00002760	5-20R DUPLEX RECEPTACLE 125V 20A GFCI
P1-101.14	2	UNV00001349	SOLAR CONNECTOR MALE
P1-101.14A			
J1-101.14	2	UNV00001350	SOLAR CONNECTOR FEMALE
J1-101.14A			
CB1-101.18	1	UNV00001347	CIRCUIT BREAKER, 20A 150VDC, 1-POLE, DIN MOUNT,
CB1-101.15	1	UNV00001791	60AMP 12-48VDC BREAKER
CB4-104.14	1	UNV00015143	15A 1P 277 UL 1077 BREAKER
CR1-101.02	1	UNV00010791	GENERAL PURPOSE RELAYS9A MINI POWER SPDT-NO, 30A
CR1-101.07	2	UNV000009121	24VDC GENERAL PURPOSE RELAY SPDT
CR1-101.09			
CR1-101.04	1	WDP30-1L-24	24VAC @ COILS CONTACTOR 32A SHUNT TRIP
NVR4-104.17	1	UNV00016092	VIGILANT FLEX SERIES 4-CHANNEL NVR NDAA COMPLIANCE
CA4-104.22	2	UNV00016148	2MP 33X PTZ IR NDAA COMPLIANT CAMERA
CA4-104.22A			
EF1-101.17	1	UNV00015879	12VDC ELECTRIC COOLING FAN 1400CFM
RM21-101.28	1	UNV00001332	CHARGE CONTROL REMOTE DIGITAL METER
SC1-101.25	1	UNV00014371	TRISTAR 45A 12-48V SOLAR CHARGE CONTROLLER
SP1-101.08A	1	UNV00005453	300W SOLAR PANEL
IN2-102.17	1	UNV00012111	300W INVERTER 12VDC-120VAC
AT4-104.06	1	UNV00015562	5 IN 1 ANTENNA GPS 2XLTE
WR4-104.10	1	UNV00015581	CELLULAR ROUTER - CAT 6 LTE MODEM
EF3-103.04	1	UNV00014196	12VDC 120X120MM FAN
MS2-102.24	1	UNV00006460	PS-RS12 MICROWAVE SENSOR 12V/DC
PLR2-102.11	1	UNV00007648	24VDC PLR W/ ANALOG INPUT
1-101.15	2	UNV00009886	THERMOSTAT
3-103.02			
FU4-104.03	1	UNV00013992	Edison fuse, AGC series, small dimension, fast-acting, 2A, 250 VAC, glass tube
LT2-102.23	1	UNV00006540	BLUE BEACON LIGHT STROBE 30 PATTERNS, 12-24VDC
MOT4-104.16	1	UNV00014247	3600W GENERATOR GASONLINE 120V
PW1-101.23	1	UNV00014102	CONVERTER 12-24VDC 8A
PW4-104.22	1	UNV00014437	55A CHARGER CONVERTER POWER SUPPLY
PW1-101.16	1	UNV00011978	LITHIUM BATTERY 12V 176AH
R2-102.12	1	RESISTOR	3000 OHMS RESISTOR 1/4W
R2-102.06	1	RESISTOR	2800 OHMS RESISTOR 1/4W
TG1-101.15	1	UNV00014267	CONTROL SWITCH 300A 24VDC
TG2-102.23	1	UNV00014856	ON-OFF TOGGLE SWITCH
TB1	4	UNV00013970	2 HOLE BLUE TB
TB2			
TB1	8	UNV00013971	2 HOLE GREY TB
TB2			
TB1	2	UNV00013974	4 HOLE GREY TB
TB1	3	UNV00013975	4 HOLE BLUE TB
TB1	5	UNV00013976	RED JUMPER FOR 2 HOLE TERM BLOCK
TB2			
TB1	1	UNV00013989	2 HOLE GREEN TB
PT	4	UNV00008883	3 HOLE POLARIS 4-14AWG
W3	3	UNV00011954	3 HOLE WAGO
CBL2-102.20	1	UNV00002075	16/2 SOOW - Price per Foot
CBL4-104.17	2	X001XGZ7IB	CAT 5 CABLE
CBL4-104.17A			



LARSON

ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE

RNT-SPLT-SMJB-0.3K-2XMP-1TB-ISGG-W4G-M1

DRAWN BY

K.NGUYEN

DATE

04-04-2022

REV

A

CHECKED BY

S.DESAI

SHEET #

6 OF 6

DRAWING #

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