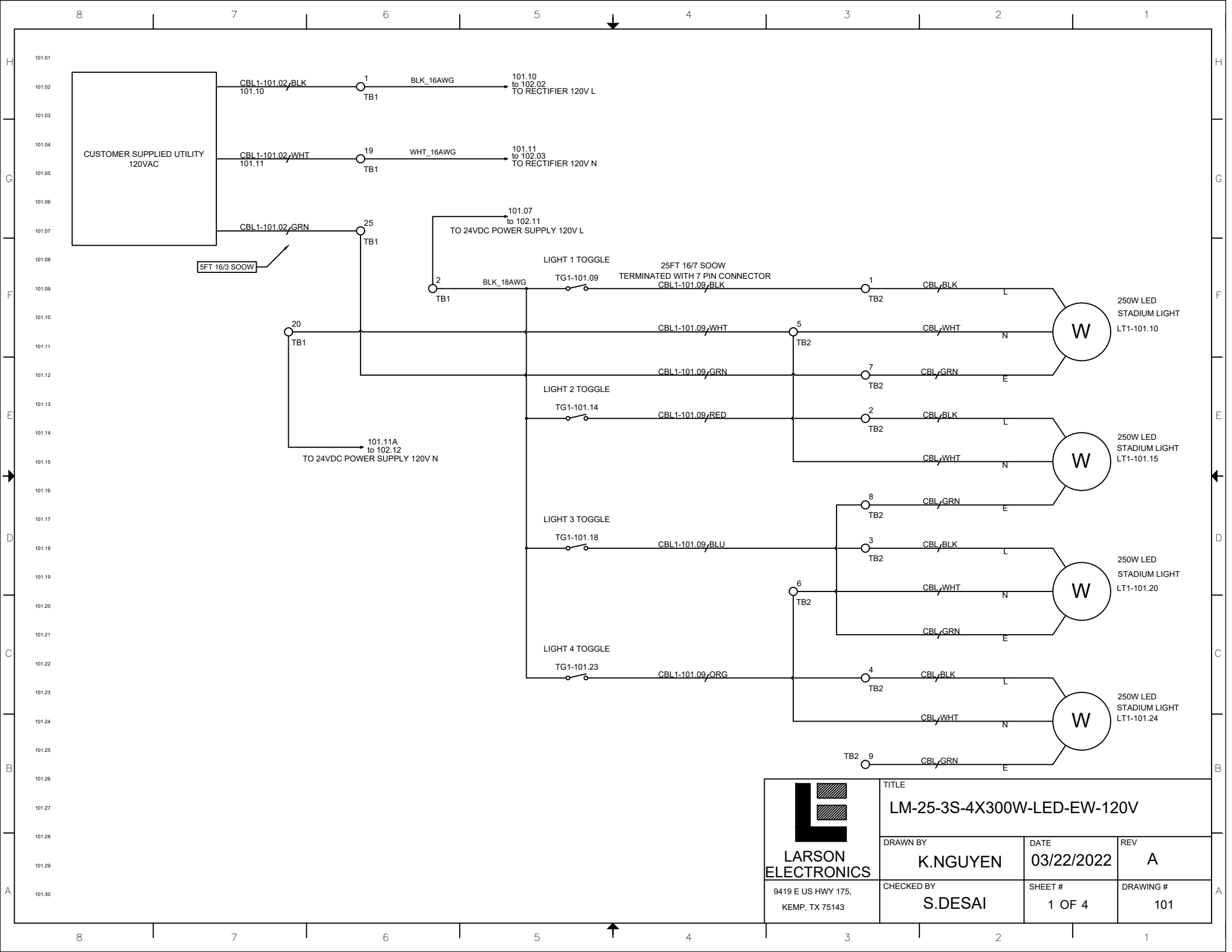


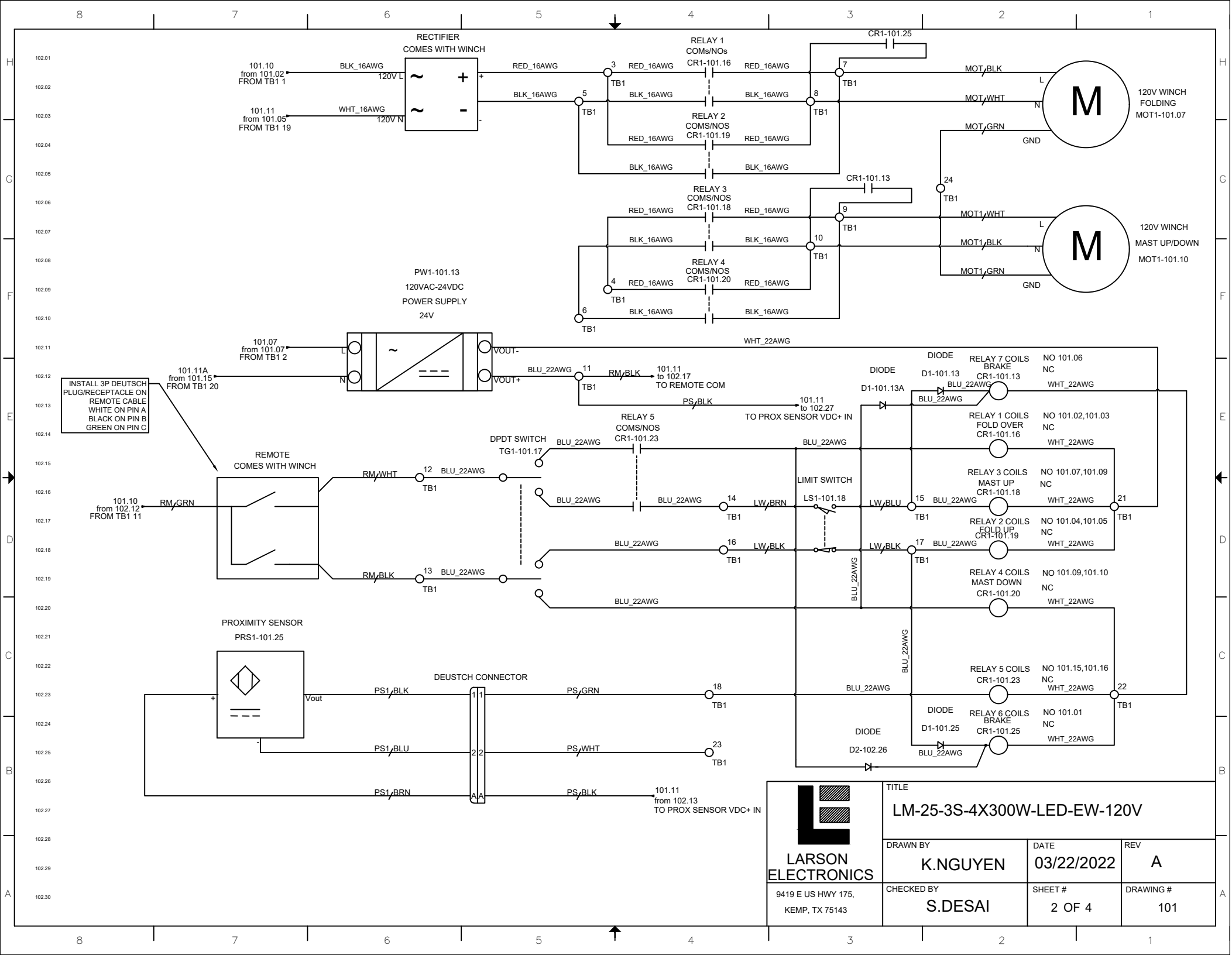
	8	7	6	5	4	3	2	1
	REV	DESCRIPTION						DATE
	A	PRODUCTION RELEASE						03/22/2022
LM-25-3S-4X300W-LED-EW-120V 								
	8	7	6	5	4	3	2	1

LM-25-3S-4X300W-LED-EW-120V





 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE LM-25-3S-4X300W-LED-EW-120V		
	DRAWN BY K.NGUYEN	DATE 03/22/2022	REV A
	CHECKED BY S.DESAI	SHEET # 1 OF 4	DRAWING # 101



TB1													
Device1	Pin1	Wire1	Type1	T1	Number	T2	Manufacturer	Catalog	Type2	Wire2	Pin2	Device2	Jumper
		101.10	WIRES		1		PHOENIX CONTACT	UNV00013971	BLK_16AWG	101.10	120V L		● ○ ○
TG1-101.09			BLK_18AWG		2		PHOENIX CONTACT	UNV00013971					● ○ ○
PW1-101.13	L		WIRES										
	+		RED_16AWG		3		PHOENIX CONTACT	UNV00013974	RED_16AWG			CR1-101.16	● ○ ○
CR1-101.19			RED_16AWG										● ○ ○
CR1-101.18			RED_16AWG		4		PHOENIX CONTACT	UNV00013974	RED_16AWG			CR1-101.20	● ○ ○
			BLK_16AWG		5		PHOENIX CONTACT	UNV00013974	BLK_16AWG			CR1-101.16	● ○ ○
CR1-101.19			BLK_16AWG										● ○ ○
CR			BLK_16AWG		6		PHOENIX CONTACT	UNV00013974	BLK_16AWG			CR	● ○ ○
CR1-101.25			WIRES		7		PHOENIX CONTACT	UNV00013974	BLK_16AWG		L	MOT1-101.07	○ ○ ○
CR1-101.16			RED_16AWG										○ ○ ○
CR1-101.19			BLK_16AWG										○ ○ ○
CR1-101.25			WIRES		8		PHOENIX CONTACT	UNV00013974	WIRES		N	MOT1-101.07	○ ○ ○
CR1-101.16			BLK_16AWG										○ ○ ○
CR1-101.19			RED_16AWG										○ ○ ○
CR1-101.13			WIRES		9		PHOENIX CONTACT	UNV00013974	BLK_16AWG		L	MOT1-101.10	○ ○ ○
CR1-101.18			RED_16AWG										○ ○ ○
CR			BLK_16AWG										○ ○ ○
CR1-101.13			WIRES		10		PHOENIX CONTACT	UNV00013974	WIRES		N	MOT1-101.10	○ ○ ○
CR			BLK_16AWG										○ ○ ○
CR1-101.20			RED_16AWG										○ ○ ○
		101.10	WIRES		11		PHOENIX CONTACT	UNV00013974	WIRES	101.10	120V L		○ ○ ○
PW1-101.13	VOU+		BLU_20AWG						WIRES	101.11	120V N		○ ○ ○
	A	101.11	WIRES										○ ○ ○
			WIRES		12		PHOENIX CONTACT	UNV00013974	BLU_20AWG			TG1-101.17	○ ○ ○
			WIRES		13		PHOENIX CONTACT	UNV00013974	BLU_20AWG				○ ○ ○
CR			BLU_20AWG		14		PHOENIX CONTACT	UNV00013974	TAN_18AWG			LS1-101.18	○ ○ ○
D1-101.13			BLU_20AWG		15		PHOENIX CONTACT	UNV00013974	BLU_18AWG			LS1-101.18	○ ○ ○
CR1-101.18			BLU_20AWG										○ ○ ○
			BLU_20AWG		16		PHOENIX CONTACT	UNV00013974	WIRES			LS1-101.19	○ ○ ○
LS1-101.19			WIRES		17		PHOENIX CONTACT	UNV00013974	BLU_20AWG			CR1-101.19	○ ○ ○
D1-101.25			BLU_20AWG										○ ○ ○
	1		WIRES		18		PHOENIX CONTACT	UNV00013974	BLU_20AWG			CR1-101.23	○ ○ ○
		101.11	WHT_12AWG		19		PHOENIX CONTACT	UNV00013970	WHT_16AWG	101.11	120V N		● ○ ○
TB2	5		WIRES		20		PHOENIX CONTACT	UNV00013970					● ○ ○
PW1-101.13	N		WIRES										● ○ ○
PW1-101.13	VOU-		WHT_20AWG		21		PHOENIX CONTACT	UNV00013975	WHT_20AWG			CR1-101.16	● ○ ○
CR1-101.18			WHT_20AWG						WHT_20AWG			CR1-101.19	● ○ ○
CR1-101.13			WHT_20AWG		22		PHOENIX CONTACT	UNV00013975	WHT_20AWG			CR1-101.20	● ○ ○
CR1-101.23			WHT_20AWG						WHT_20AWG			CR1-101.25	● ○ ○
	2		WIRES		23		PHOENIX CONTACT	UNV00013975					● ○ ○
MOT1-101.07	GND		WIRES		24		PHOENIX CONTACT	UNV00013989	WIRES		GND	MOT1-101.10	○ ○ ○
			GRN_12AWG		25		PHOENIX CONTACT	UNV00013989	WIRES		7	TB2	○ ○ ○

 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE LM-25-3S-4X300W-LED-EW-120V		
	DRAWN BY K.NGUYEN	DATE 03/22/2022	REV A
	CHECKED BY S.DESAI	SHEET # 3 OF 4	DRAWING # 103

T2													
Device1	Pin1	Wire1	Type1	T1	Number	T2	Manufacturer	Catalog	Type2	Wire2	Pin2	Device2	Jumper
TG1-101.09			WIRES		1		PHOENIX CONTACT	UNV00013971	WIRES		L	LT1-101.10	○ ○ ○
TG1-101.14			WIRES		2		PHOENIX CONTACT	UNV00013971	WIRES		L	LT1-101.15	○ ○ ○
TG1-101.18			WIRES		3		PHOENIX CONTACT	UNV00013971	WIRES		L	LT1-101.20	○ ○ ○
TG1-101.23			WIRES		4		PHOENIX CONTACT	UNV00013971	WIRES		L	LT1-101.24	○ ○ ○
TB1	20		WIRES		5		PHOENIX CONTACT	UNV00013975	WIRES		N	LT1-101.15	● ○ ○
LT1-101.10	N		WIRES										
LT1-101.20	N		WIRES		6		PHOENIX CONTACT	UNV00013975	WIRES		N	LT1-101.24	● ○ ○
TB1	25		WIRES		7		PHOENIX CONTACT	UNV00013989	WIRES		E	LT1-101.10	○ ○ ○
LT1-101.20	E		WIRES		8		PHOENIX CONTACT	UNV00013989	WIRES		E	LT1-101.15	○ ○ ○
LT1-101.24	E		WIRES		9		PHOENIX CONTACT	UNV00013989					○ ○ ○

TAGS	QTY	CATALOG	DESCRIPTION
CR1-101.16 CR1-101.18 CR1-101.19 CR1-101.20 CR1-101.23	5	UNV00013952	General Purpose Relays 24VDC FLNGMT DPST-NO RoHS Compliant
CR1-101.13 CR1-101.25	2	UNV00015261	ICE CUBE 24VDC @ COILS RELAY
D1-101.13 D1-101.13A D1-101.25 D2-102.26	4	UNV00012368	RECTIFIER DIODE 1A 1000V
LS1-101.18	1	UNV00012297	Compact limit switch, metal plunger, (1) N.O./ (1) N.C. contact(s), snap action, 35mm wide body, pigtail, 9.8ft/3m cable length.
LT1-101.10 LT1-101.15 LT1-101.20 LT1-101.24	4	GAU-LTL-250W	250W LED 120-277VAC 5000K
MOT1-101.07 MOT1-101.10	2	UNV00003127	120V ELECTRIC WINCH
PW1-101.13	1	UNV00014068	120V-24V Power Supply 15W
PRS1-101.25	1	UNV00016446	INDUCTIVE PROXIMITY SENSOR 12-24VDC
TG1-101.09 TG1-101.14 TG1-101.18 TG1-101.23	4	UNV00014856	TOGGLE SWITCH SPST
TG1-101.17	1	S333F	TOGGLE SWITCH DPDT
TB1	2	UNV00013970	2 HOLE BLUE TB
TB1 TB2	6	UNV00013971	2 HOLE GREY TB
TB1	16	UNV00013974	4 HOLE GREY TB
TB1 TB2	5	UNV00013975	4 HOLE BLUE TB
TB1 TB2	6	UNV00013976	RED JUMPER FOR 2 HOLE TERM BLOCK
TB1 TB2	5	UNV00013989	2 HOLE GREEN TB
CBL1-101.09	1	UNV00002853	16/7 SOOW
CBL1-101.02	1	UNV00007524	16 3 SOOW

LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE		
	LM-25-3S-4X300W-LED-EW-120V		
	DRAWN BY	DATE	REV
	K.NGUYEN	03/22/2022	A
	CHECKED BY	SHEET #	DRAWING #
	S.DESAI	4 OF 4	104