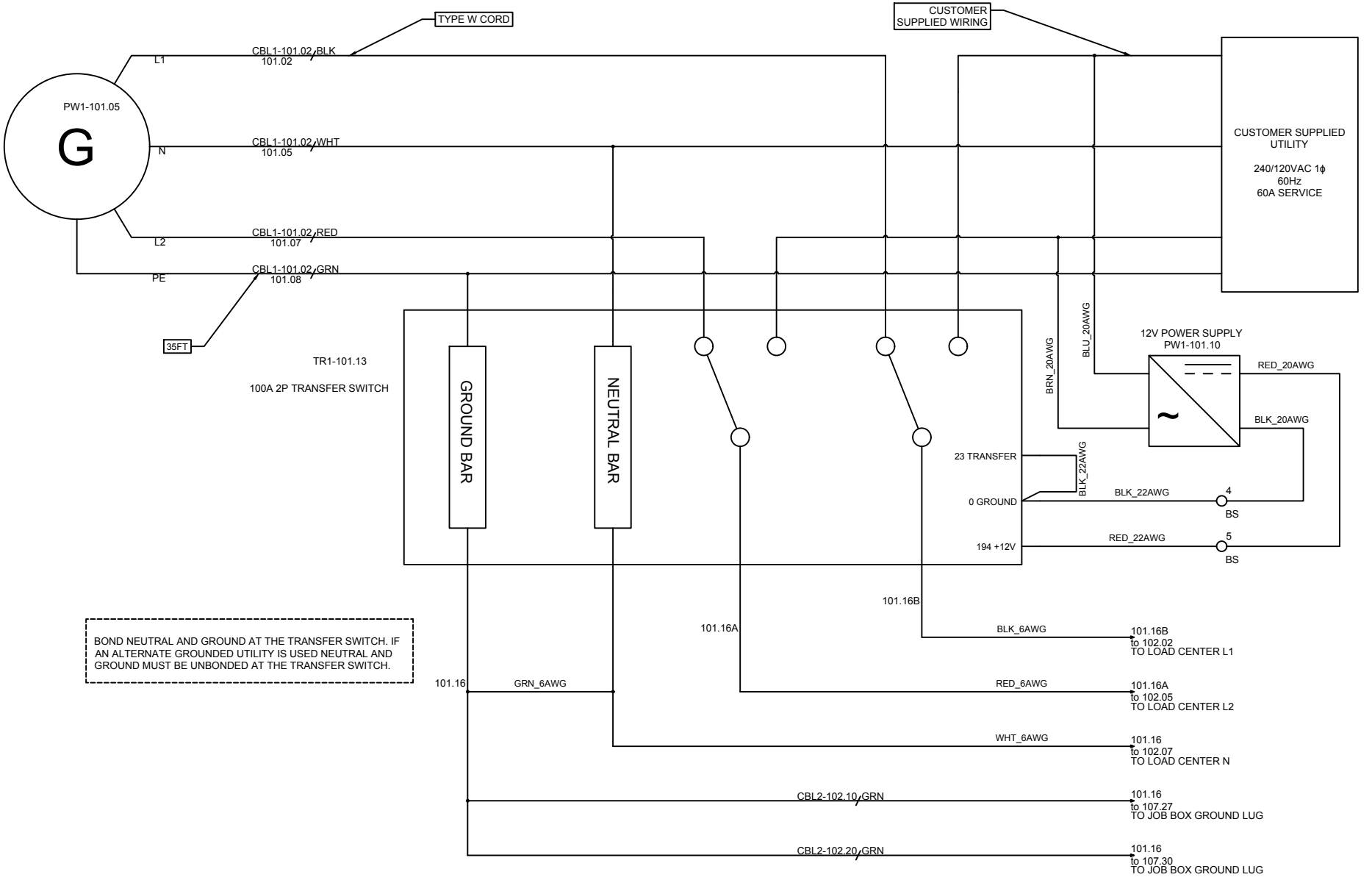
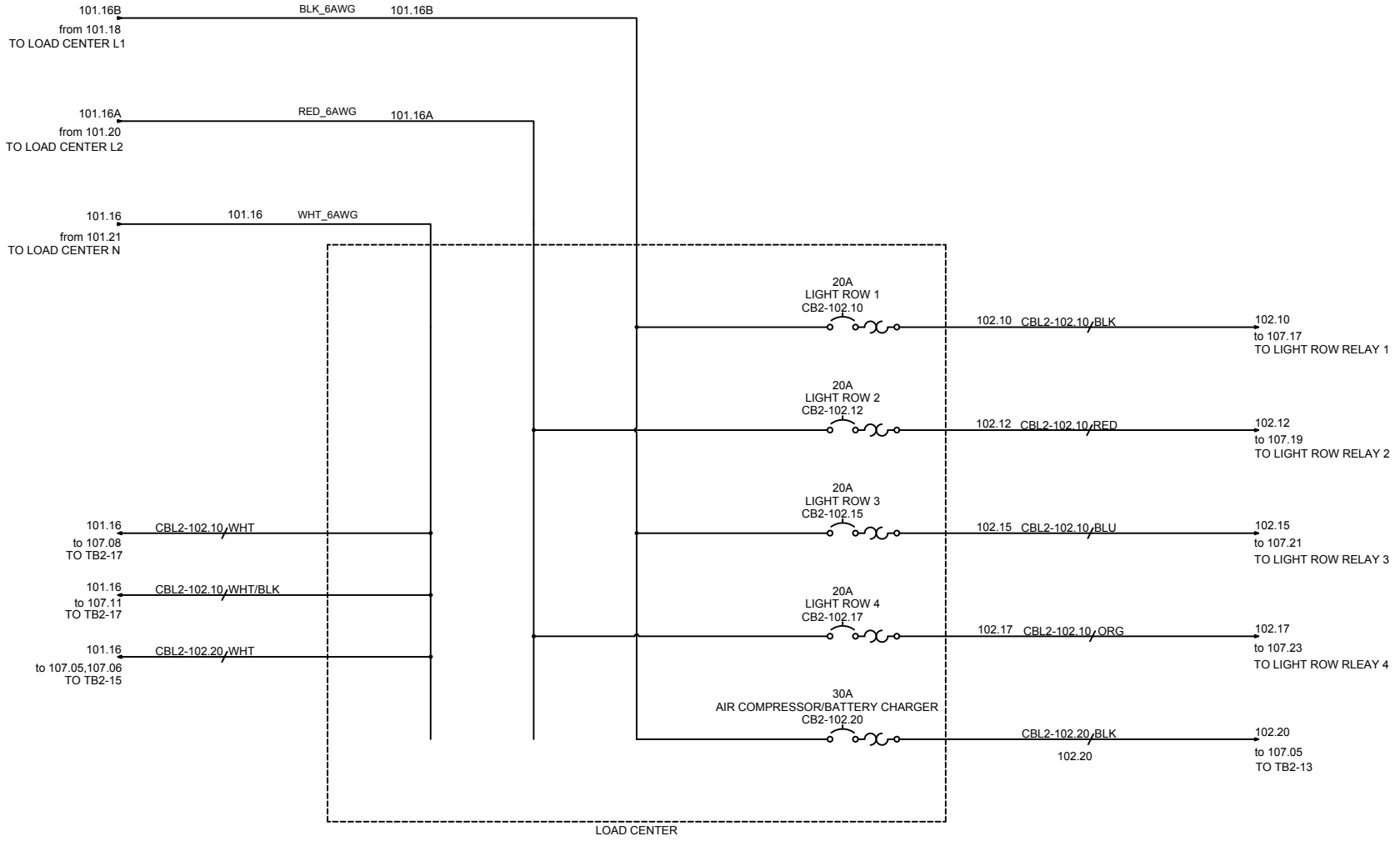
REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	3/8/2021

WCDE-11-PLM50-16X500LTL-LED

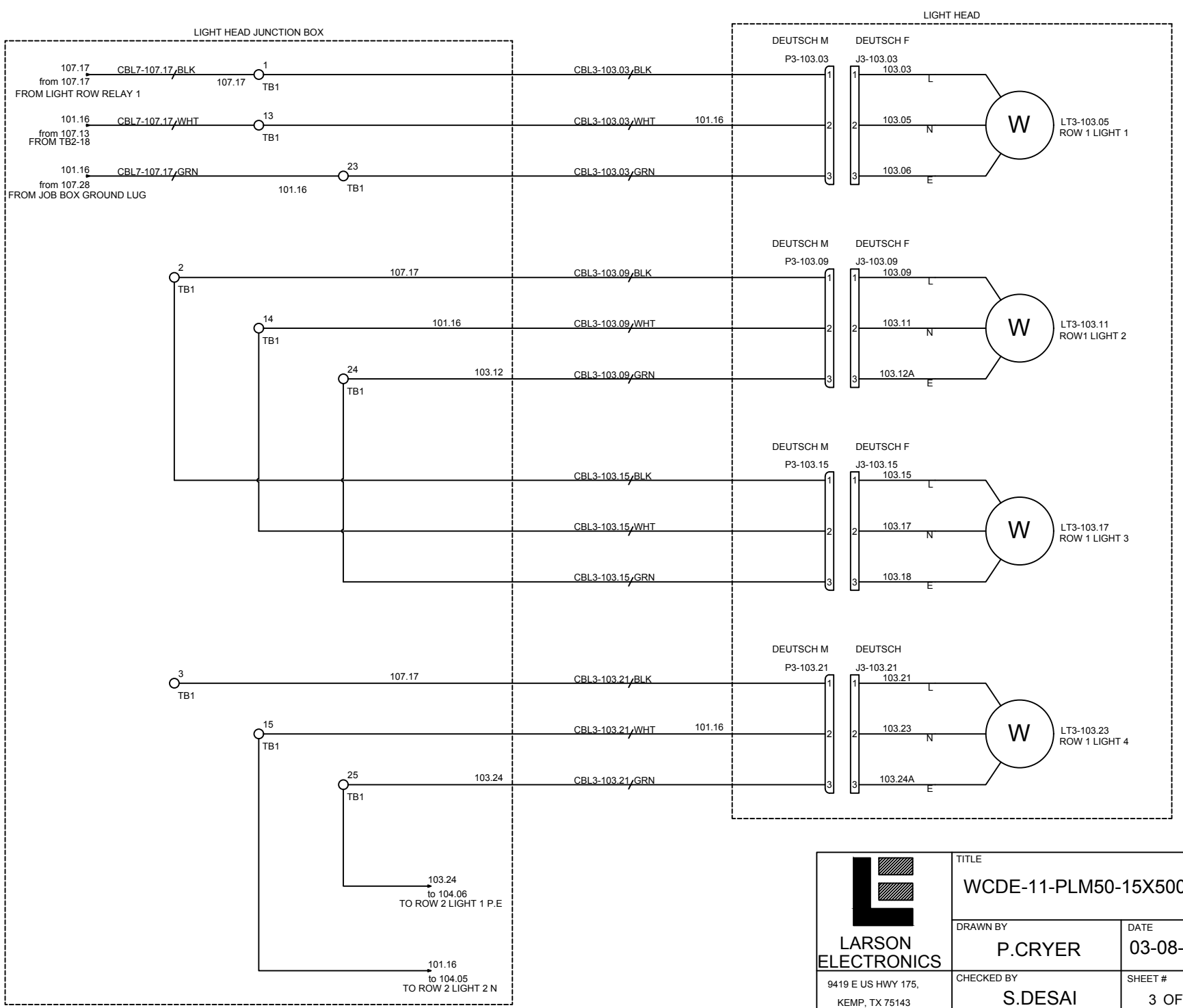
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LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: WCDE-11-PLM50-15X500LTL-LED-MR		
	DRAWN BY: P.CRYER	DATE: 03-08-2021	REV: A
	CHECKED BY: S.DESAI	SHEET #: 1 OF 19	DRAWING #: 101

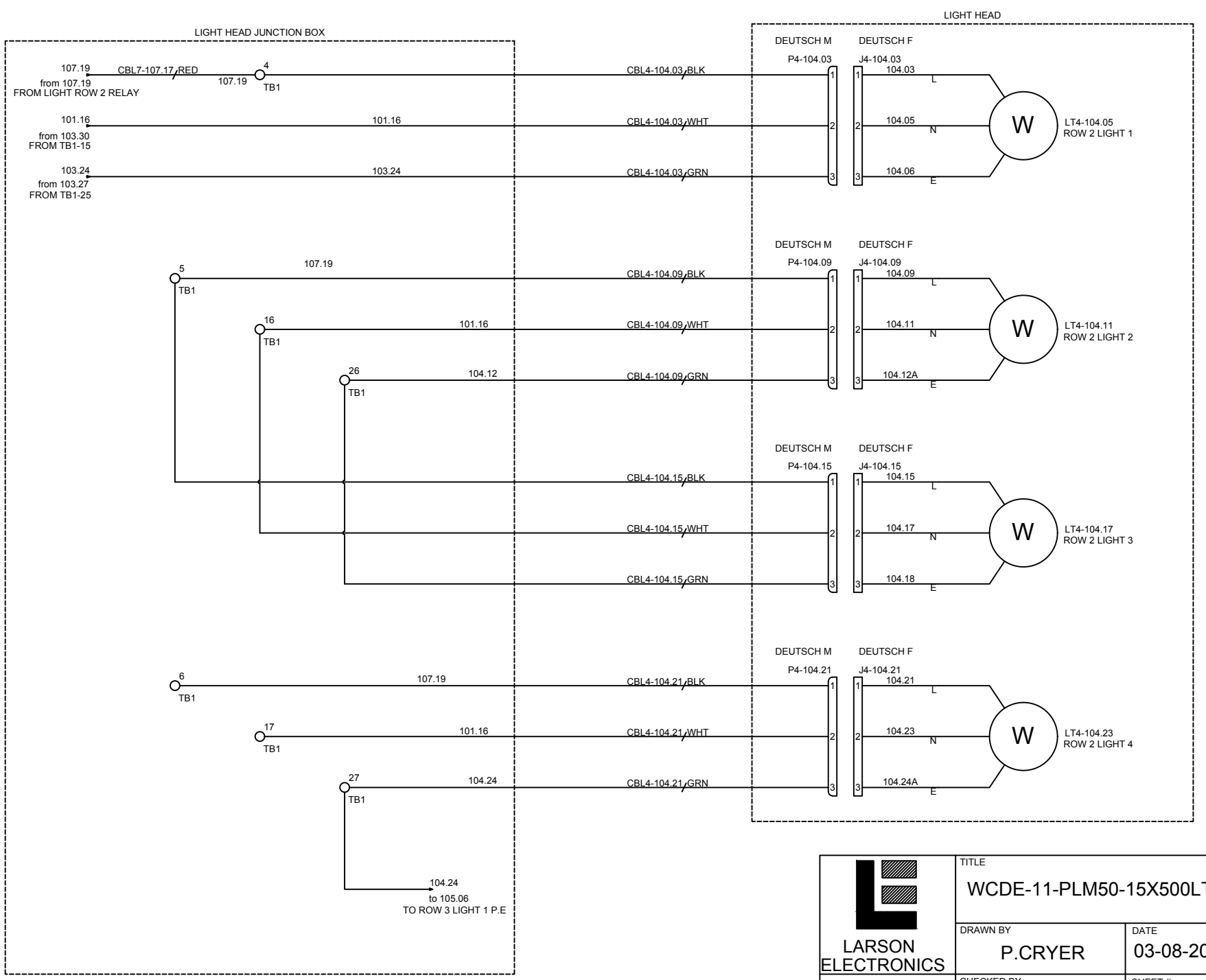


LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: WCDE-11-PLM50-15X500LTL-LED-MR		
	DRAWN BY: P.CRYER	DATE: 03-08-2021	REV: A
	CHECKED BY: S.DESAI	SHEET #: 2 OF 19	DRAWING #: 102



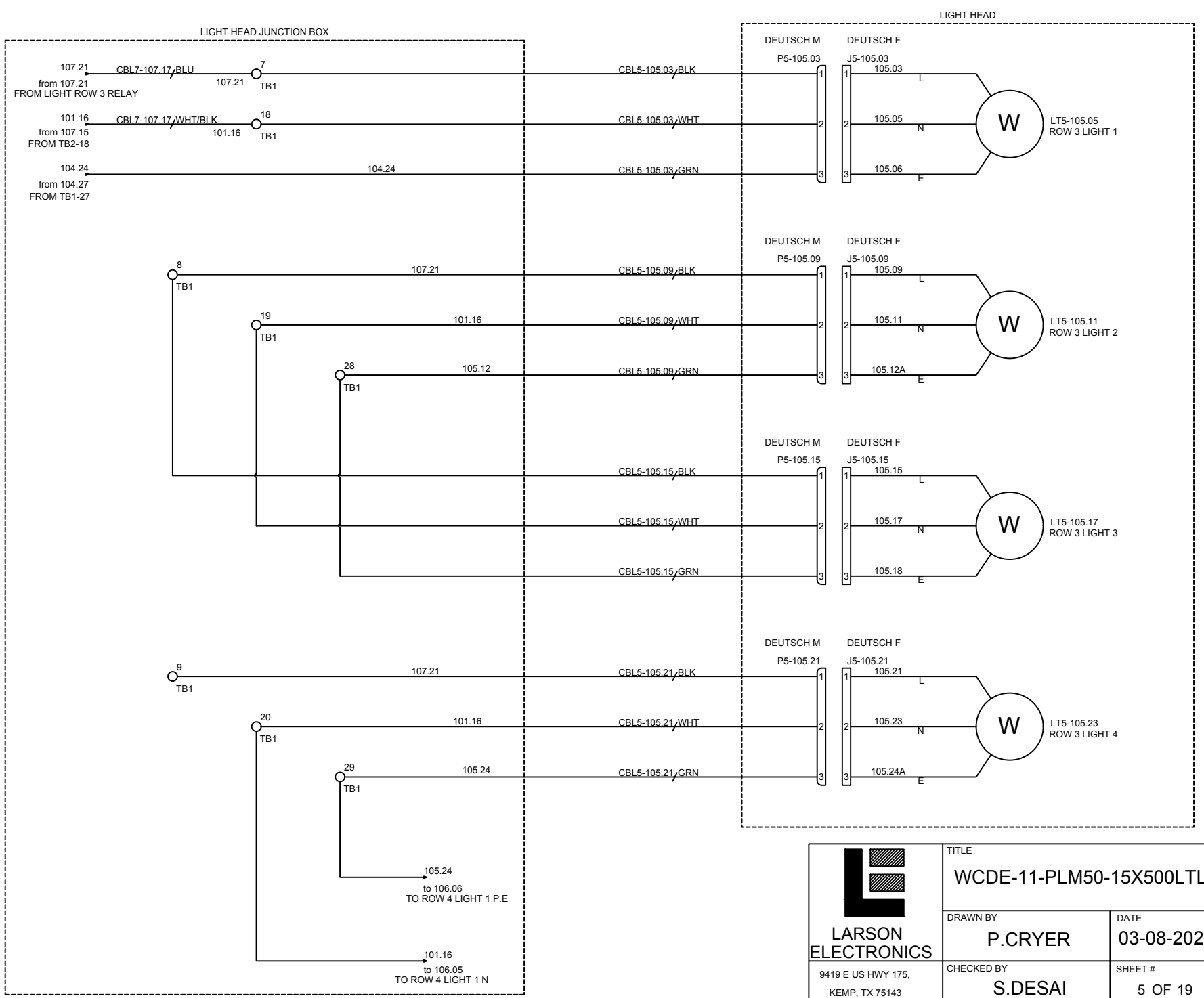
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9419 E US HWY 175,
KEMP, TX 75143

TITLE			
WCDE-11-PLM50-15X500LTL-LED-MR			
DRAWN BY	DATE	REV	
P.CRYER	03-08-2021	A	
CHECKED BY	SHEET #	DRAWING #	
S.DESAI	3 OF 19	103	



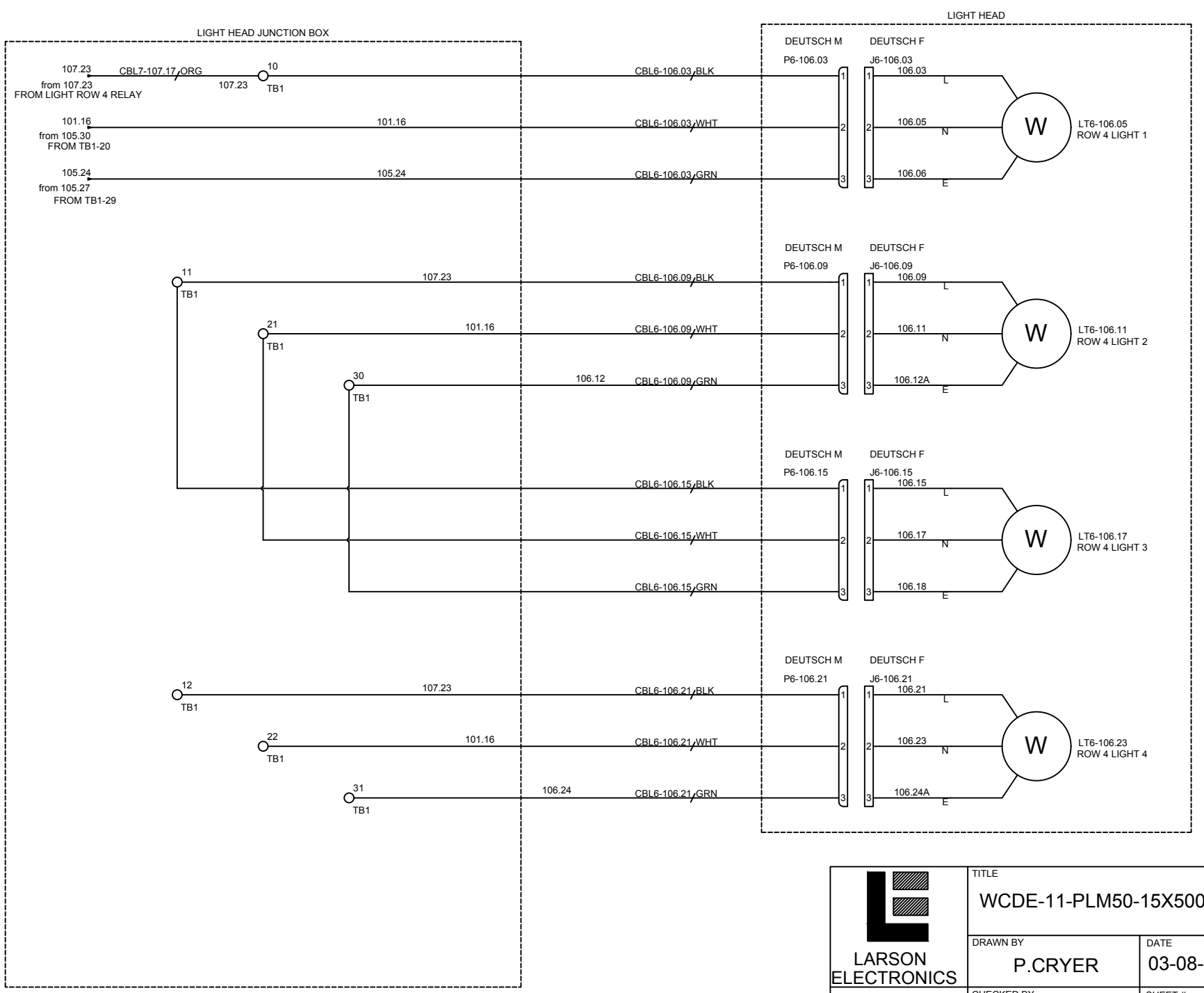
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9419 E US HWY 175,
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TITLE			
WCDE-11-PLM50-15X500LTL-LED-MR			
DRAWN BY	DATE	REV	
P.CRYER	03-08-2021	A	
CHECKED BY	SHEET #	DRAWING #	
S.DESAI	4 OF 19	104	



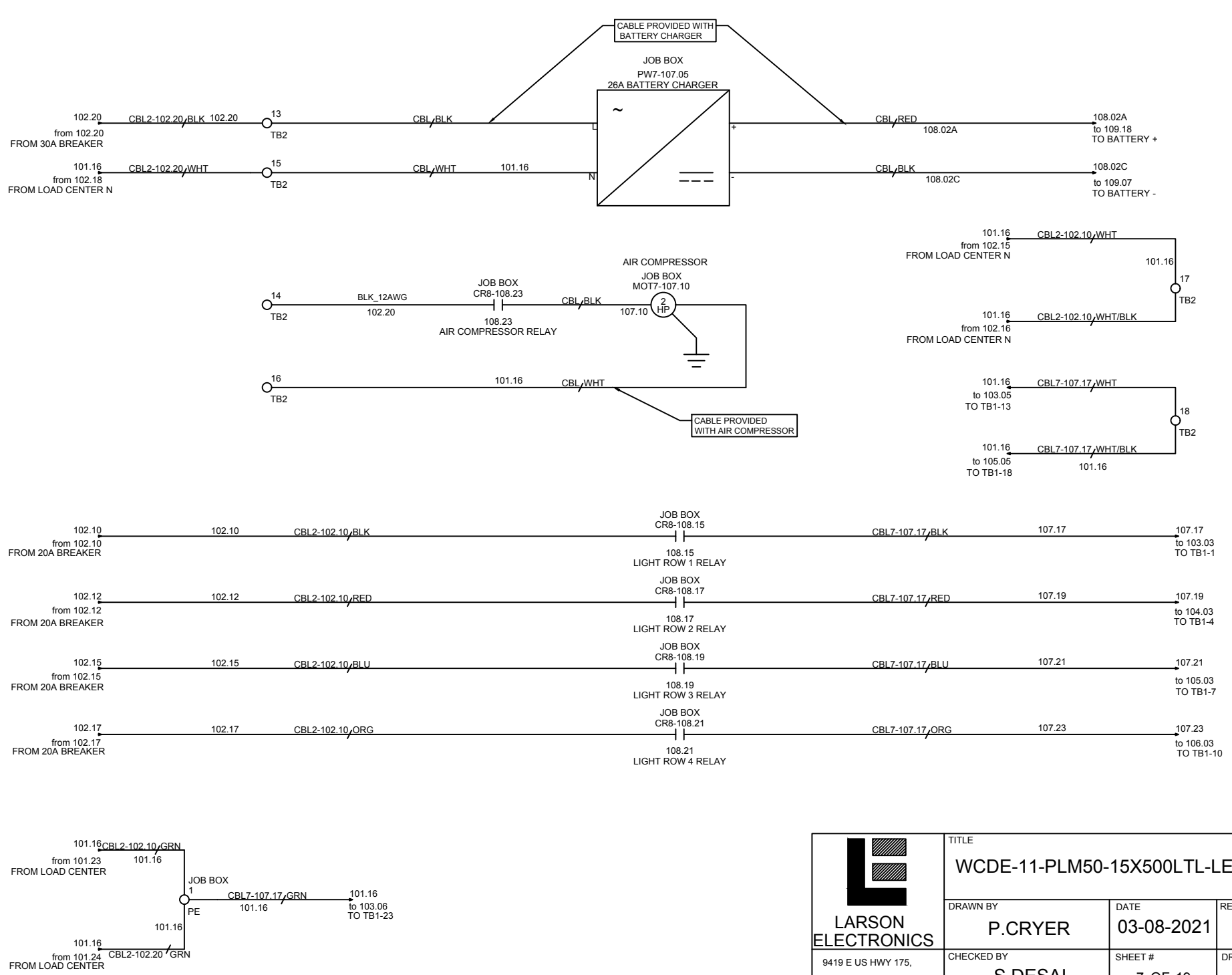
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KEMP, TX 75143

TITLE			
WCDE-11-PLM50-15X500LTL-LED-MR			
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P.CRYER	03-08-2021	A	
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S.DESAI	5 OF 19	105	



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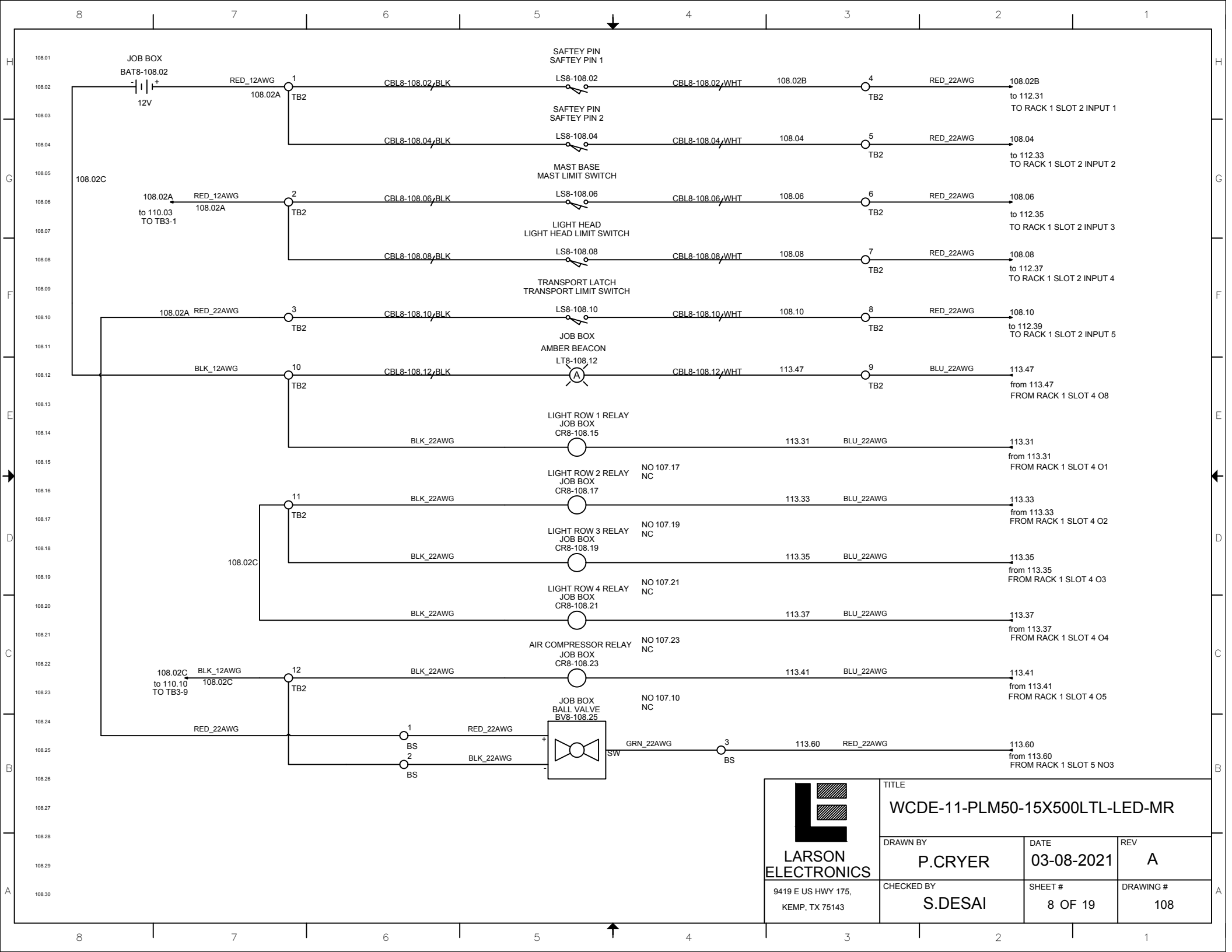
TITLE			
WCDE-11-PLM50-15X500LTL-LED-MR			
DRAWN BY	DATE	REV	
P.CRYER	03-08-2021	A	
CHECKED BY	SHEET #	DRAWING #	
S.DESAI	6 OF 19	106	



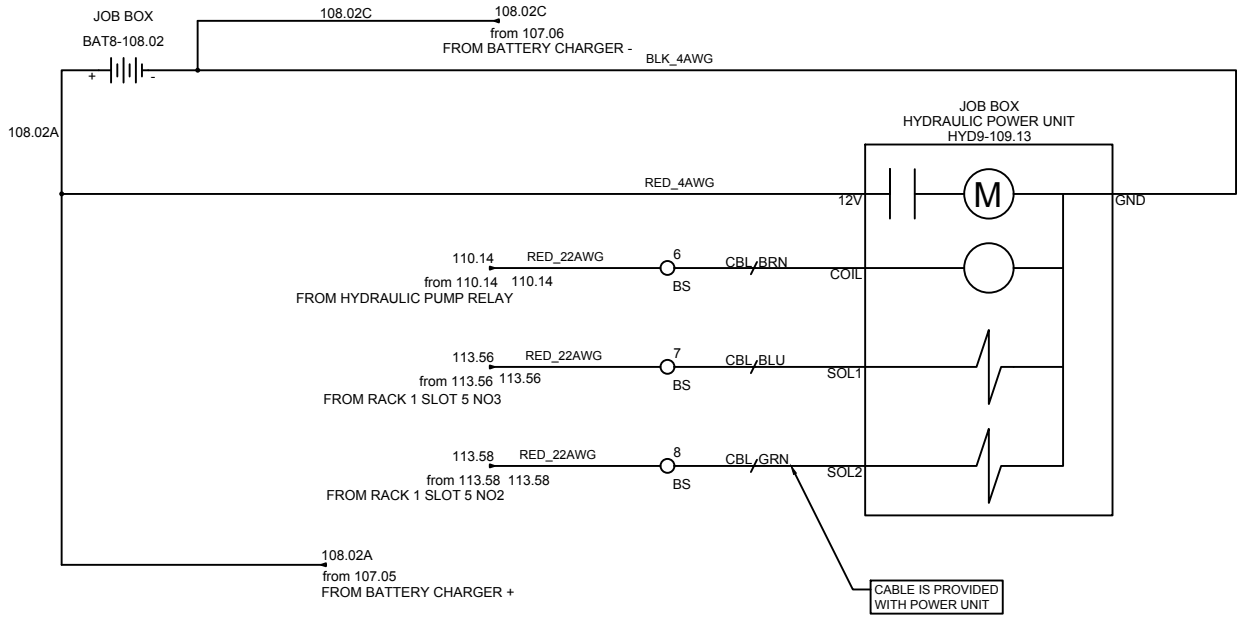
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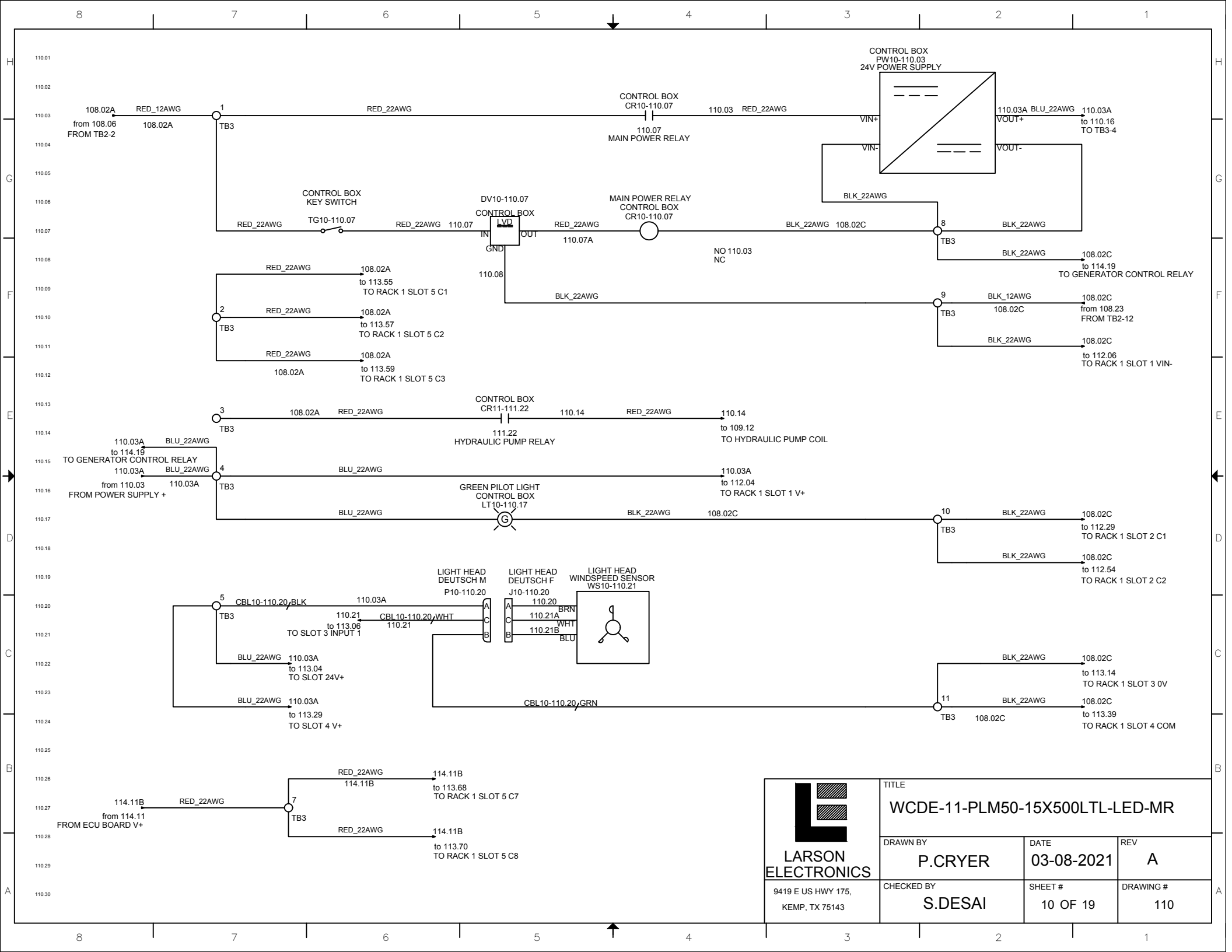
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WCDE-11-PLM50-15X500LTL-LED-MR			
DRAWN BY	DATE	REV	
P.CRYER	03-08-2021	A	
CHECKED BY	SHEET #	DRAWING #	
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	DRAWN BY: P.CRYER	DATE: 03-08-2021	REV: A
	CHECKED BY: S.DESAI	SHEET #: 8 OF 19	DRAWING #: 108

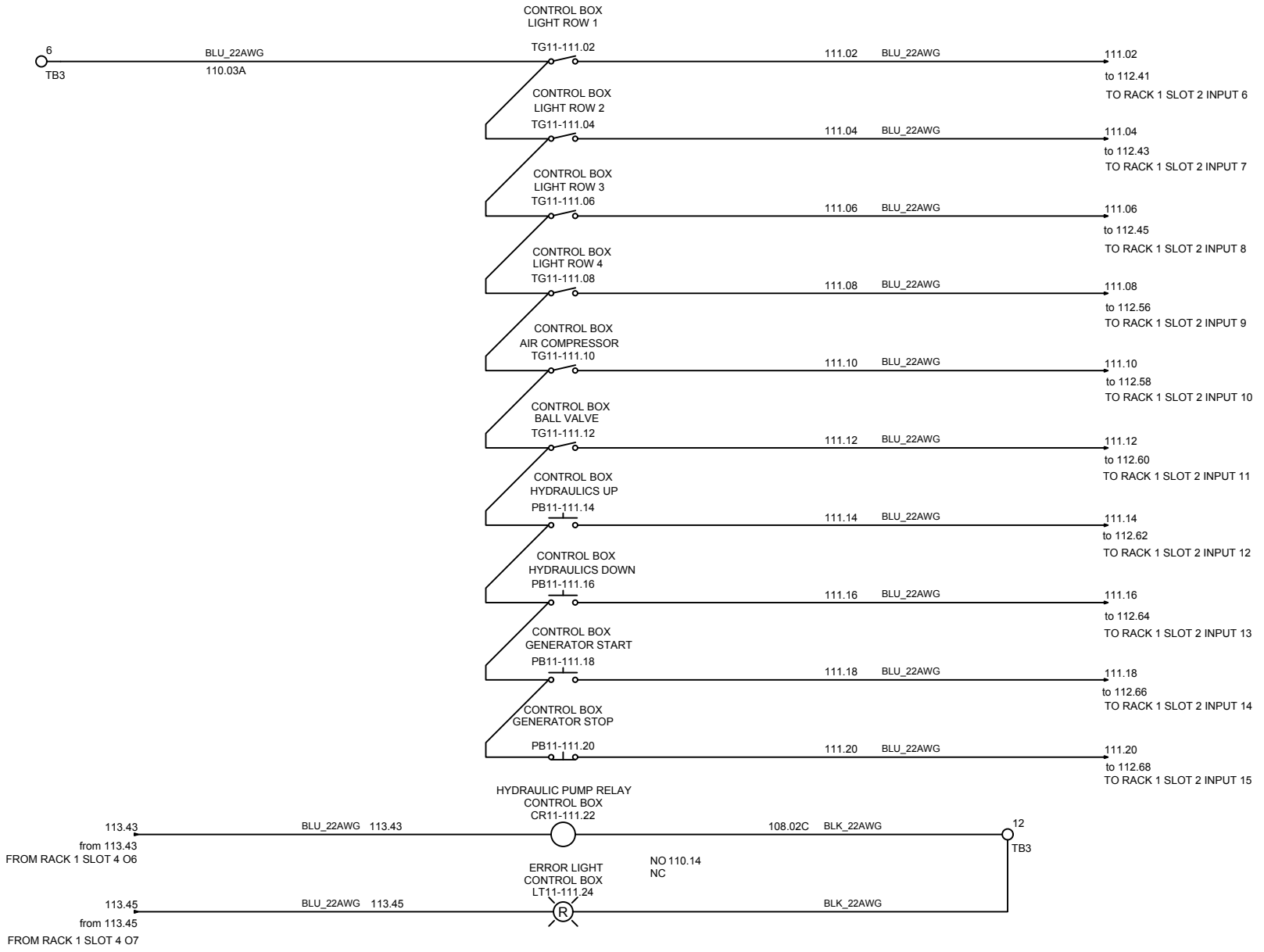


LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: WCDE-11-PLM50-15X500LTL-LED-MR		
	DRAWN BY: P.CRYER	DATE: 03-08-2021	REV: A
	CHECKED BY: S.DESAI	SHEET #: 9 OF 19	DRAWING #: 109



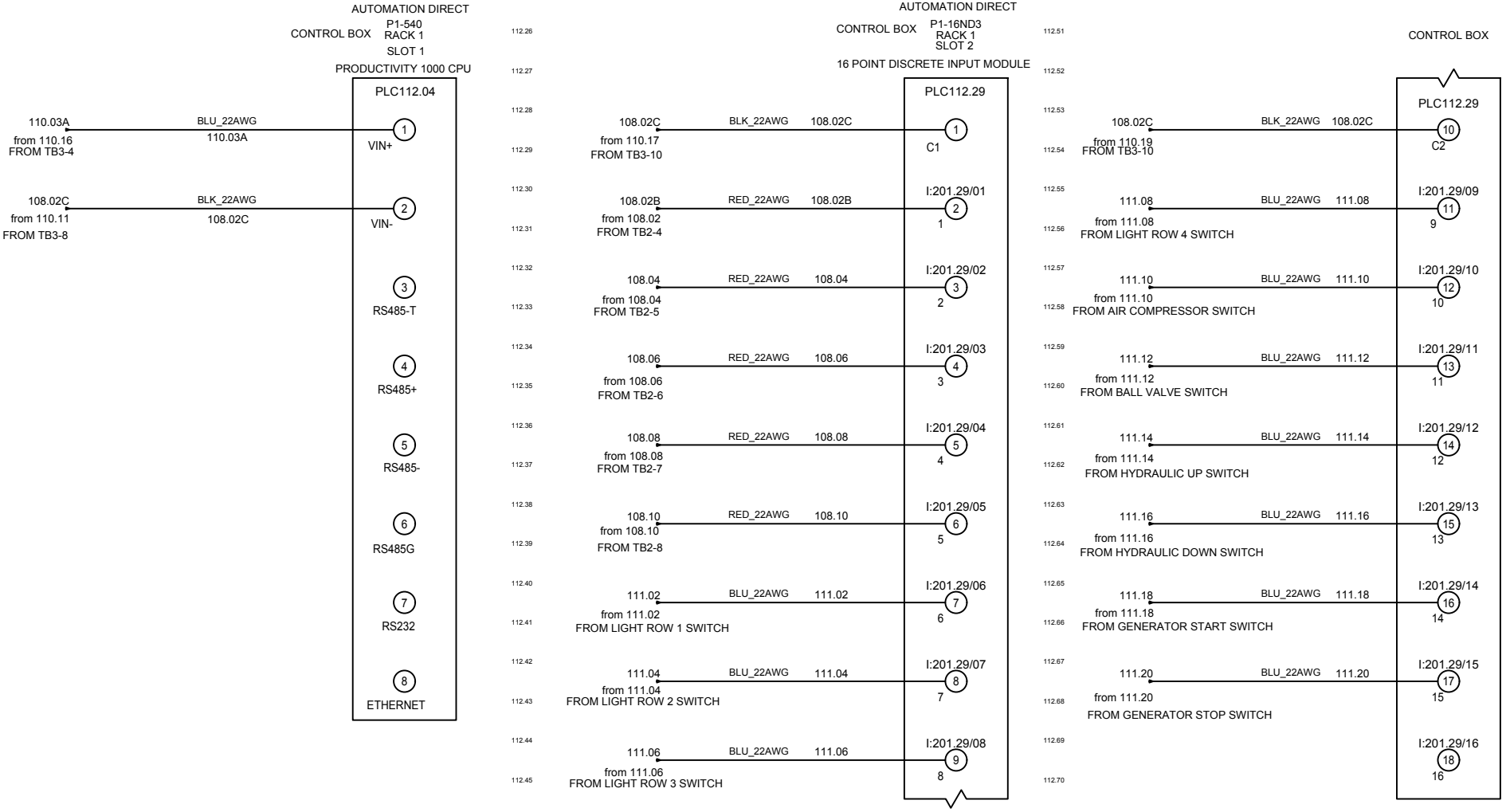
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9419 E US HWY 175,
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TITLE: WCDE-11-PLM50-15X500LTL-LED-MR			
DRAWN BY: P.CRYER	DATE: 03-08-2021	REV: A	
CHECKED BY: S.DESAI	SHEET #: 10 OF 19	DRAWING #: 110	



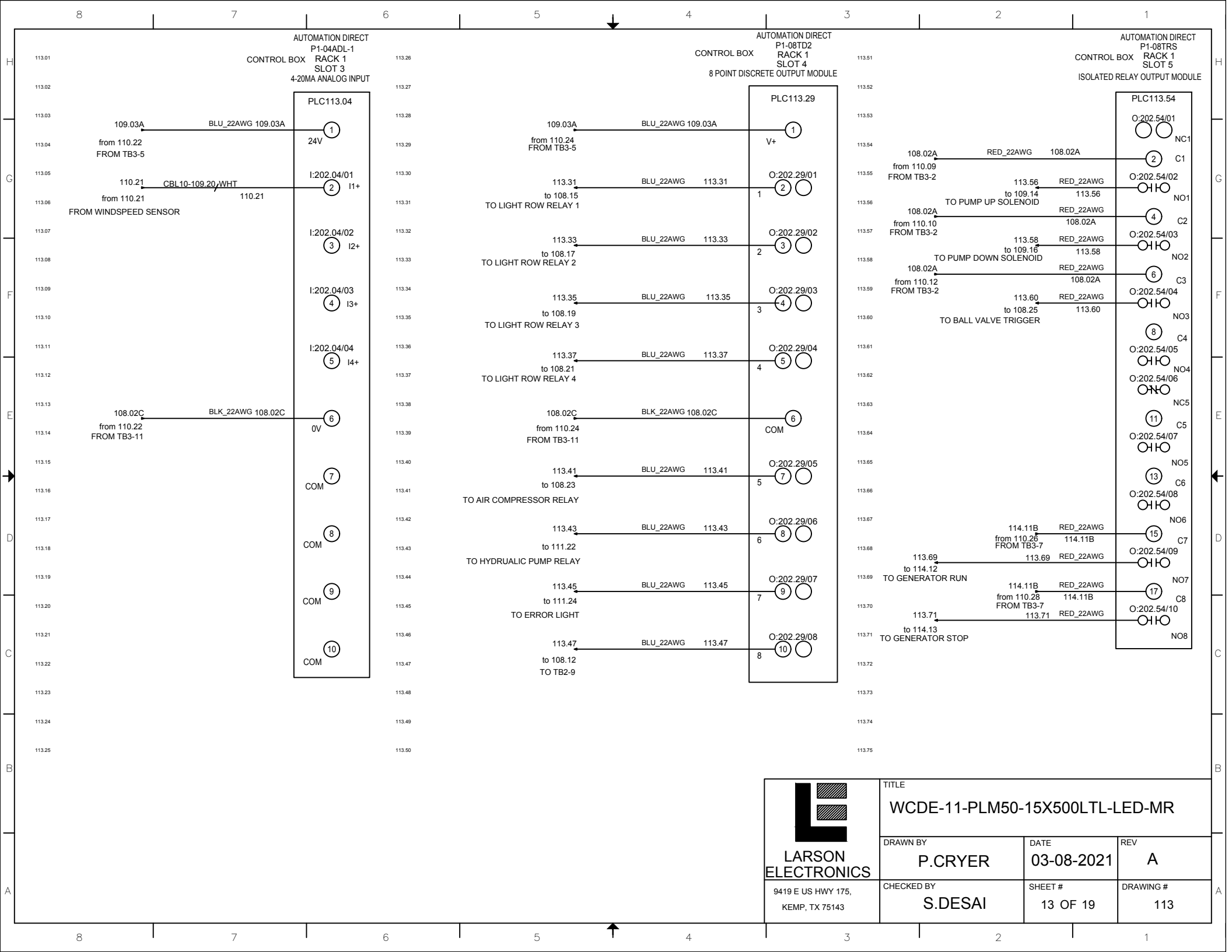
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9419 E US HWY 175,
KEMP, TX 75143

TITLE			
WCDE-11-PLM50-15X500LTL-LED-MR			
DRAWN BY	DATE	REV	
P.CRYER	03-08-2021	A	
CHECKED BY	SHEET #	DRAWING #	
S.DESAI	11 OF 19	111	



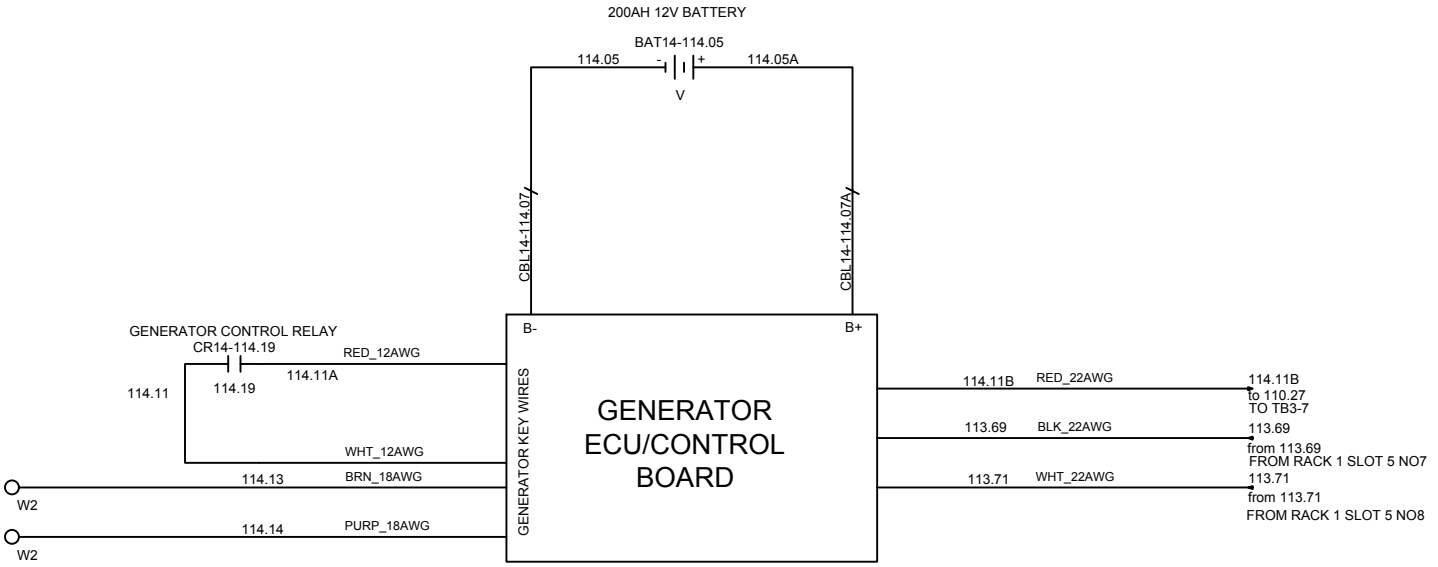
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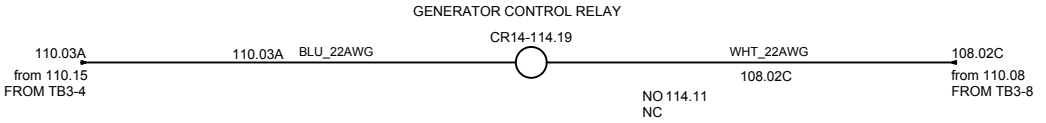
TITLE			
WCDE-11-PLM50-15X500LTL-LED-MR			
DRAWN BY	DATE	REV	
P.CRYER	03-08-2021	A	
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TITLE			
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S.DESAI	14 OF 19	114	

TB1									
Device1	Wire1	Type1	Number	Manufacturer	Catalog	Type2	Wire2	Device2	Jumper
CR8-108.15	107.17	WIRES	1	PHOENIX CONTACT	UNV00013971	WIRES	107.17	P3-103.03	
P3-103.09	107.17	WIRES	2	PHOENIX CONTACT	UNV00013971	WIRES	107.17	P3-103.15	
P3-103.21	107.17	WIRES	3	PHOENIX CONTACT	UNV00013971				
CR8-108.17	107.19	WIRES	4	PHOENIX CONTACT	UNV00013971	WIRES	107.19	P4-104.03	
P4-104.09	107.19	WIRES	5	PHOENIX CONTACT	UNV00013971	WIRES	107.19	P4-104.15	
P4-104.21	107.19	WIRES	6	PHOENIX CONTACT	UNV00013971				
CR8-108.19	107.21	WIRES	7	PHOENIX CONTACT	UNV00013971	WIRES	107.21	P5-105.03	
P5-105.09	107.21	WIRES	8	PHOENIX CONTACT	UNV00013971	WIRES	107.21	P5-105.15	
P5-105.21	107.21	WIRES	9	PHOENIX CONTACT	UNV00013971				
CR8-108.21	107.23	WIRES	10	PHOENIX CONTACT	UNV00013971	WIRES	107.23	P6-106.03	
P6-106.09	107.23	WIRES	11	PHOENIX CONTACT	UNV00013971	WIRES	107.23	P6-106.15	
P6-106.21	107.23	WIRES	12	PHOENIX CONTACT	UNV00013971				
TB2	101.16	WIRES	13	PHOENIX CONTACT	UNV00013970	WIRES	101.16	P3-103.03	
P3-103.09	101.16	WIRES	14	PHOENIX CONTACT	UNV00013970	WIRES	101.16	P3-103.15	
P3-103.21	101.16	WIRES	15	PHOENIX CONTACT	UNV00013970	WIRES	101.16	P4-104.03	
P4-104.09	101.16	WIRES	16	PHOENIX CONTACT	UNV00013970	WIRES	101.16	P4-104.15	
P4-104.21	101.16	WIRES	17	PHOENIX CONTACT	UNV00013970				
TB2	101.16	WIRES	18	PHOENIX CONTACT	UNV00013970	WIRES	101.16	P5-105.03	
P5-105.09	101.16	WIRES	19	PHOENIX CONTACT	UNV00013970	WIRES	101.16	P5-105.15	
P5-105.21	101.16	WIRES	20	PHOENIX CONTACT	UNV00013970	WIRES	101.16	P6-106.03	
P6-106.09	101.16	WIRES	21	PHOENIX CONTACT	UNV00013970	WIRES	101.16	P6-106.15	
P6-106.21	101.16	WIRES	22	PHOENIX CONTACT	UNV00013970				
PE	107.28	WIRES	23	PHOENIX CONTACT	UNV00013989	WIRES	107.28	P3-103.03	
P3-103.09	103.12	WIRES	24	PHOENIX CONTACT	UNV00013989	WIRES	103.12	P3-103.15	
P3-103.21	103.24	WIRES	25	PHOENIX CONTACT	UNV00013989	WIRES	103.24	P4-104.03	
P4-104.09	104.12	WIRES	26	PHOENIX CONTACT	UNV00013989	WIRES	104.12	P4-104.15	
P4-104.21	104.24	WIRES	27	PHOENIX CONTACT	UNV00013989	WIRES	104.24	P5-105.03	
P5-105.09	105.12	WIRES	28	PHOENIX CONTACT	UNV00013989	WIRES	105.12	P5-105.15	
P5-105.21	105.24	WIRES	29	PHOENIX CONTACT	UNV00013989	WIRES	105.24	P6-106.03	
P6-106.09	106.12	WIRES	30	PHOENIX CONTACT	UNV00013989	WIRES	106.12	P6-106.15	
P6-106.21	106.24	WIRES	31	PHOENIX CONTACT	UNV00013989				

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TB2									
Device1	Wire1	Type1	Number	Manufacturer	Catalog	Type2	Wire2	Device2	Jumper
BAT8-108.02	108.02A	RED_12AWG	1	PHOENIX CONTACT	UNV00013974	WIRES	108.02A	LS8-108.02	
LS8-108.04	108.02A	WIRES							
TB3	108.02A	RED_12AWG	2	PHOENIX CONTACT	UNV00013974	WIRES	108.02A	LS8-108.06	
LS8-108.08	108.02A	WIRES							
BS	108.02A	RED_22AWG	3	PHOENIX CONTACT	UNV00013974	WIRES	108.02A	LS8-108.10	
LS8-108.02	108.02B	WIRES	4	PHOENIX CONTACT	UNV00013974	RED_22AWG	108.02B	PLC112.29	
LS8-108.04	108.04	WIRES	5	PHOENIX CONTACT	UNV00013974	RED_22AWG	108.04	PLC112.29	
LS8-108.06	108.06	WIRES	6	PHOENIX CONTACT	UNV00013974	RED_22AWG	108.06	PLC112.29	
LS8-108.08	108.08	WIRES	7	PHOENIX CONTACT	UNV00013974	RED_22AWG	108.08	PLC112.29	
LS8-108.10	108.10	WIRES	8	PHOENIX CONTACT	UNV00013974	RED_22AWG	108.10	PLC112.29	
LT8-108.12	113.47	WIRES	9	PHOENIX CONTACT	UNV00013974	BLU_22AWG	113.47	PLC113.29	
BAT8-108.02	108.02C	BLK_12AWG	10	PHOENIX CONTACT	UNV00013975	WIRES	108.02C	LT8-108.12	
CR8-108.15	108.02C	BLK_22AWG							
CR8-108.21	108.02C	BLK_22AWG	11	PHOENIX CONTACT	UNV00013975	BLK_22AWG	108.02C	CR8-108.17	
CR8-108.19	108.02C	BLK_22AWG							
TB3	108.02C	BLK_12AWG	12	PHOENIX CONTACT	UNV00013975	BLK_22AWG	108.02C	CR8-108.23	
BS	108.02C	BLK_22AWG							
CB2-102.20	102.20	WIRES	13	PHOENIX CONTACT	UNV00013971	WIRES	102.20	PW7-107.05	
CR8-108.23	102.20	BLK_12AWG	14	PHOENIX CONTACT	UNV00013971				
TB2	101.16	WIRES	15	PHOENIX CONTACT	UNV00013970	WIRES	101.16	PW7-107.05	
MOT7-107.10	101.16	WIRES	16	PHOENIX CONTACT	UNV00013970				
PE	101.16	WIRES	17	PHOENIX CONTACT	UNV00013970	WIRES	101.16	TB2	
TB2	101.16	WIRES							
TB1	101.16	WIRES	18	PHOENIX CONTACT	UNV00013970	WIRES	101.16	TB1	

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TB3									
Device1	Wire1	Type1	Number	Manufacturer	Catalog	Type2	Wire2	Device2	Jumper
TB2	108.02A	RED_12AWG	1	PHOENIX CONTACT	UNV00013974	RED_22AWG	108.02A	CR10-110.07	
TG10-110.07	108.02A	RED_22AWG							
PLC113.54	108.02A	RED_22AWG	2	PHOENIX CONTACT	UNV00013974	RED_22AWG	108.02A	PLC113.54	
PLC113.54	108.02A	RED_22AWG							
CR11-111.22	108.02A	RED_22AWG	3						
PW10-110.03	110.03A	BLU_22AWG	4	PHOENIX CONTACT	UNV00013974	BLU_22AWG	110.03A	CR14-114.19	
PLC112.04	110.03A	BLU_22AWG				BLU_22AWG	110.03A	LT10-110.17	
PLC113.29	110.03A	BLU_22AWG	5	PHOENIX CONTACT	UNV00013974	WIRES	110.03A	P10-110.20	
PLC113.04	110.03A	BLU_22AWG							
TG11-111.02	110.03A	BLU_22AWG	6	PHOENIX CONTACT	UNV00013974				
PLC113.54	114.11B	RED_22AWG	7			RED_22AWG	114.11B		
PLC113.54	114.11B	RED_22AWG							
PW10-110.03	108.02C	BLK_22AWG	8	PHOENIX CONTACT	UNV00013975	BLK_22AWG	108.02C	PW10-110.03	
CR10-110.07	108.02C	BLK_22AWG				WHT_22AWG	108.02C	CR14-114.19	
TB2	108.02C	BLK_12AWG	9	PHOENIX CONTACT	UNV00013975	BLK_22AWG	108.02C	DV10-110.07	
PLC112.04	108.02C	BLK_22AWG							
LT10-110.17	108.02C	BLK_22AWG	10	PHOENIX CONTACT	UNV00013975	BLK_22AWG	108.02C	PLC112.29	
PLC112.29	108.02C	BLK_22AWG							
P10-110.20	108.02C	WIRES	11	PHOENIX CONTACT	UNV00013975	BLK_22AWG	108.02C	PLC113.04	
PLC113.29	108.02C	BLK_22AWG							
CR11-111.22	108.02C	BLK_22AWG	12	PHOENIX CONTACT	UNV00013975	BLK_22AWG	108.02C	LT11-111.24	

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TAGS	QTY	CATALOG	DESCRIPTION
BAT14-114.05 BAT8-108.02	2	UNV00003191	200AH 12V SLA BATTERY
P10-110.20 P3-103.03 P3-103.09 P3-103.15 P3-103.21 P4-104.03 P4-104.09 P4-104.15 P4-104.21 P5-105.03 P5-105.09 P5-105.15 P5-105.21 P6-106.03 P6-106.09 P6-106.15 P6-106.21	17	UNV00005481	DEUTSCH CONNECTOR - 3 POSITION - MALE
J10-110.20 J3-103.03 J3-103.09 J3-103.15 J3-103.21 J4-104.03 J4-104.09 J4-104.15 J4-104.21 J5-105.03 J5-105.09 J5-105.15 J5-105.21 J6-106.03 J6-106.09 J6-106.15 J6-106.21	17	UNV00005477	DEUTSCH CONNECTOR - 3 POSITION - FEMALE
CB2-102.20	1	UNV00002582	STAB ON 120/240V CIRCUIT BREAKER - 30A
CB2-102.10 CB2-102.12 CB2-102.15 CB2-102.17	4	UNV00002113	STAB ON 120/240V CIRCUIT BREAKER - 20A
CR11-111.22	1	UNV00014065	RELAY- ICE CUBE PLUG IN- DPDT - 24VDC COIL - 10A
CR10-110.07	1	UNV00014877	RELAY- ICE CUBE PLUG IN- SPDT- 12VDC COIL- 15A

TAGS	QTY	CATALOG	DESCRIPTION
CR14-114.19 CR8-108.15 CR8-108.17 CR8-108.19 CR8-108.21 CR8-108.23	6	UNV00013952	24VDC GENERAL PURPOSE RELY-30A-DIN RAIL MOUNT
BV8-108.25	1	UNV00014871	1/2" BRASS 3 WAY ELECTRIC BALL VALVE - 3 WIRE - 9-24VDC
TR1-101.13	1	UNV00014315	120/240V 100A AUTOMATIC TRANSFER SWITCH
WS10-110.21	1	UNV00012216	24VDC WINDSPEED SENSOR
DV10-110.07	1	UNV-NA1	
LS8-108.02 LS8-108.06 LS8-108.08 LS8-108.10	4	UNV00012297	COMPACT LIMIT SWITCH-METAL PLUNGER-(1)N.O./(1)N.C. CONTACT(S)-SNAP ACTION-35MM WIDE BODY
LS8-108.04	1	UNV00002258	HEAVY DUTY LIMIT SWITCH - TOP PUSH ROD PLUNGER - 1NO 1NC - 10A - 600V
LT11-111.24	1	UNV00013986	RED PILOT LIGHT - 22MM - IP65 - 24VDC
LT10-110.17	1	UNV00013985	GREEN PILOT LIGHT - 22MM - IP65 - 24VDC
LT3-103.05 LT3-103.11 LT3-103.17 LT3-103.23 LT4-104.05 LT4-104.11 LT4-104.17 LT4-104.23 LT5-105.05 LT5-105.11 LT5-105.17 LT5-105.23 LT6-106.05 LT6-106.11 LT6-106.17 LT6-106.23	16	UNV00008022	SPL-GAU-LTL-500W-5K-1227
LT8-108.12	1	UNV00012396	12-32VDC BEACON LIGHT - AMBER - 2PIN DEUTSCH CONNECTOR
HYD9-109.13	1	UNV00002061	HYDRAULIC POWER UNIT 2 DIRECTION-12VDC
MOT7-107.10	1	UNV00006668	2HP TWIN STACK AIR COMPRESSOR
PB11-111.20	1	UNV00013981	22MM MOMENTARY PUSH BUTTON 1 N.C - RED OPERATOR

LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE: WCDE-11-PLM50-15X500LTL-LED-MR

DRAWN BY	DATE	REV
P.CRYER	03-08-2021	A
CHECKED BY	SHEET #	DRAWING #
S.DESAI	18 OF 19	118

TAGS	QTY	CATALOG	DESCRIPTION
PB11-111.18	1	UNV00013980	22MM MOMENTARY PUSH BUTTON 1 N.O - GREEN OPERATOR
PB11-111.14 PB11-111.16	2	UNV00013982	22MM MOMENTARY PUSH BUTTON 1 N.O - BLACK OPERATOR
PLC113.29	1	UNV00014875	DISCRETE OUTPUT MODULE - 8 POINT - 12-24VDC
PLC113.04	1	UNV00012310	ANALOG INPUT MODULE 4 CHANNEL 13BIT - 0-20MA
PLC113.54	1	UNV00012309	RELAY OUTPUT MODULE - 8 POINT - 6 FORM A - 2 FORM C - 3A/POINT
PLC112.29	1	UNV00014874	DISCRETE INPUT MODULE - 16 POINT - 12-24VDC
PLC112.04	1	UNV00012307	CPU - 50MB LADDER MEMORY - 1 RJ45 - 1 R2-232 - 1 RS-485 - 24VDC
PW1-101.05	1	UNV00014828	13KW PRIME - 14KW STANDBY - 120/240VAC DIESEL GENERATOR
PW7-107.05	1	UNV00012456	12/24V 26A SMART BATTERY CHARGER
PW10-110.03	1	UNV00013953	9-18VDC TO 24VDC DC/DC CONVERTER-120W-DIN RAIL MOUNT
PW1-101.10	1	UNV00006394	100-240VAC TO 12VDC - 12W
TG11-111.02 TG11-111.04 TG11-111.06 TG11-111.08 TG11-111.10 TG11-111.12	6	UNV00013983	2 POS MAINTINED SWITCH-N.O
TG10-110.07	1	UNV00013984	2 POS MAINTINED KEY SWITCH-N.O
BS	8	UNV00008188	VINYL BUTT SPLICE - 22-18AWG - RED
PE	1	UNV00007136	ALUMINUM 2 CONDUCTOR GROUND LUG
TB2 TB3	8	UNV00013975	FEED THROUGH 4 POINT TERMINAL BLOCK-BLUE-SCREWLESS
TB2 TB3	5	UNV00013976	24P CUT TO LENGTH JUMPER FOR 4 HOLE BLOCKS
TB2 TB3	14	UNV00013974	FEED THROUGH 4 POINT TERMINAL BLOCK-GRAY-SCREWLESS
TB1	9	UNV00013989	2 POLE GROUNDING TERMINAL BLOCK
TB1 TB2	14	UNV00013971	FEED THROUGH 2 POINT TERMINAL BLOCK-GRAY-SCREWLESS
TB1 TB2	8	UNV00013972	24P CUT TO LENGTH JUMPER FOR 2 HOLE BLOCKS
TB1 TB2	14	UNV00013970	FEED THROUGH 2 POINT TERMINAL BLOCK-BLUE-SCREWLESS
W2	2	UNV00009802	2 CONDUCTOR LEVER CLAMP WAGO
CBL14-114.07 CBL14-114.07A	2	UNV00002706	4AWG WELDING CABLE - BLACK
CBL2-102.20	1	UNV00002908	CORD 12/3 SOOW UL 90C BLK
CBL8-108.02 CBL8-108.04 CBL8-108.06 CBL8-108.08 CBL8-108.10 CBL8-108.12	6	UNV00002075	CORD 16/2 SOOW UL 90C BLK

TAGS	QTY	CATALOG	DESCRIPTION
CBL3-103.03 CBL3-103.09 CBL3-103.15 CBL3-103.21 CBL4-104.03 CBL4-104.09 CBL4-104.15 CBL4-104.21 CBL5-105.03 CBL5-105.09 CBL5-105.15 CBL5-105.21 CBL6-106.03 CBL6-106.09 CBL6-106.15 CBL6-106.21	16	UNV00007524	
CBL1-101.02	1	UNV00007277	CORD 6/4 TYPE W 90C BLK
CBL2-102.10 CBL7-107.17	2	UNV00011813	CORD 12/7 SOOW UL 90C BLK
CBL10-110.20	1	UNV00007524	CORD 16/3 SOOW UL 90C BLK

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