

WIRE LEGEND AND NOTES

CONTROL WIRE GAUGE:
(ALL WIRE MUST BE UL AND VW-1 RATING)

SYMBOL – WIRE GAUGE, VOLTAGE, TYPE

A- #24 AWG, 300V, 105C, 7/32 STRANDING, UL1569
B- #22 AWG, 300V, 105C, 7/30 STRANDING, UL1569
C- #20 AWG, 600V, 105C, 10/30 STRANDING, UL1015
D- #14 AWG 600V, 105C, 41/30 STRANDING, UL1015
E- #10 AWG 600V, 105C, 105/30 STRANDING, UL1015
F- #24 AWG, 300V 80C, 4 CONDUCTOR CABLE, UL2464,
7x32 STRANDING, BLK/WHT/RED/GRN
G- #24 AWG, 600V, 105C, TWISTED PAIR, RED/WHT, 105C, UL1015
H- #16 AWG, 300V, 105C, 26/30 STRANDING, UL1569
I- #14 AWG, 300V, 105C, 41/30 STRANDING, 0.110 NOM ID, UL1569
J- #20 AWG, 300V, 105C, 10/30 STRANDING, UL1569

WIRE REFERENCE NUMBER PREFIX

N - CONTROL/SIGNAL WIRE
H - 10 AWG WIRE
F - FIBER CABLE
C - MULTI-CONDUCTOR CABLE
R - RIBBON CABLE
P - POWER WIRE (#2 AND UP)
FB – FLEXIBUS
HB – HARD BUS

WIRE COLORS, CONTROL WIRE:

1.BRN 2.RED 3.ORN 4.YEL
5.GRN 6.BLU 7.VIO 8.GRY
9.WHT 10.BLK

WIRE COLORS POWER - ALL VOLTAGES

A-BRN B-ORN C- YEL

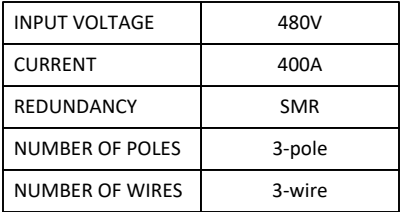
MTA PLUG COLORS

WHITE FOR A WIRE
RED FOR B WIRE
YELLOW FOR J WIRE



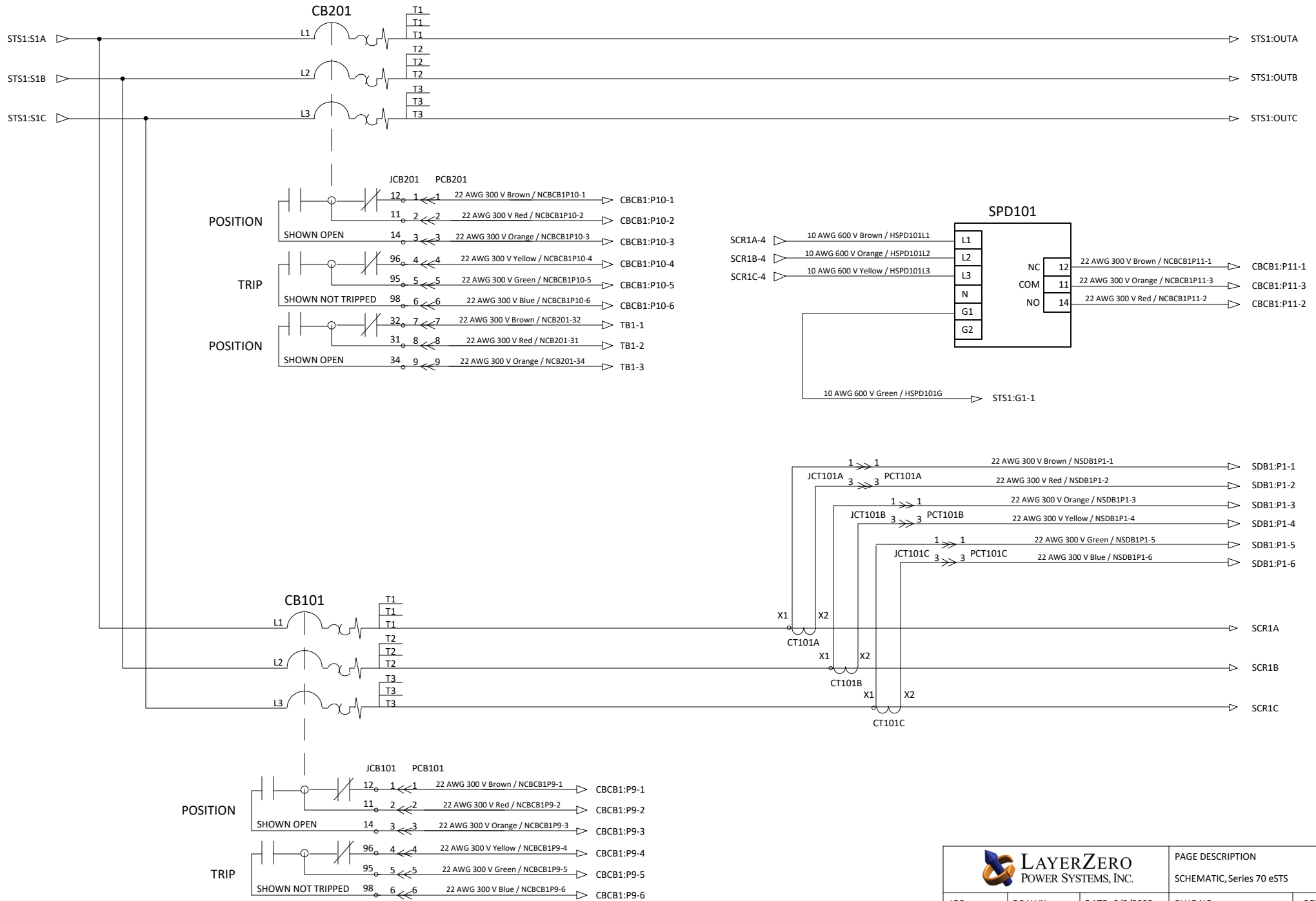
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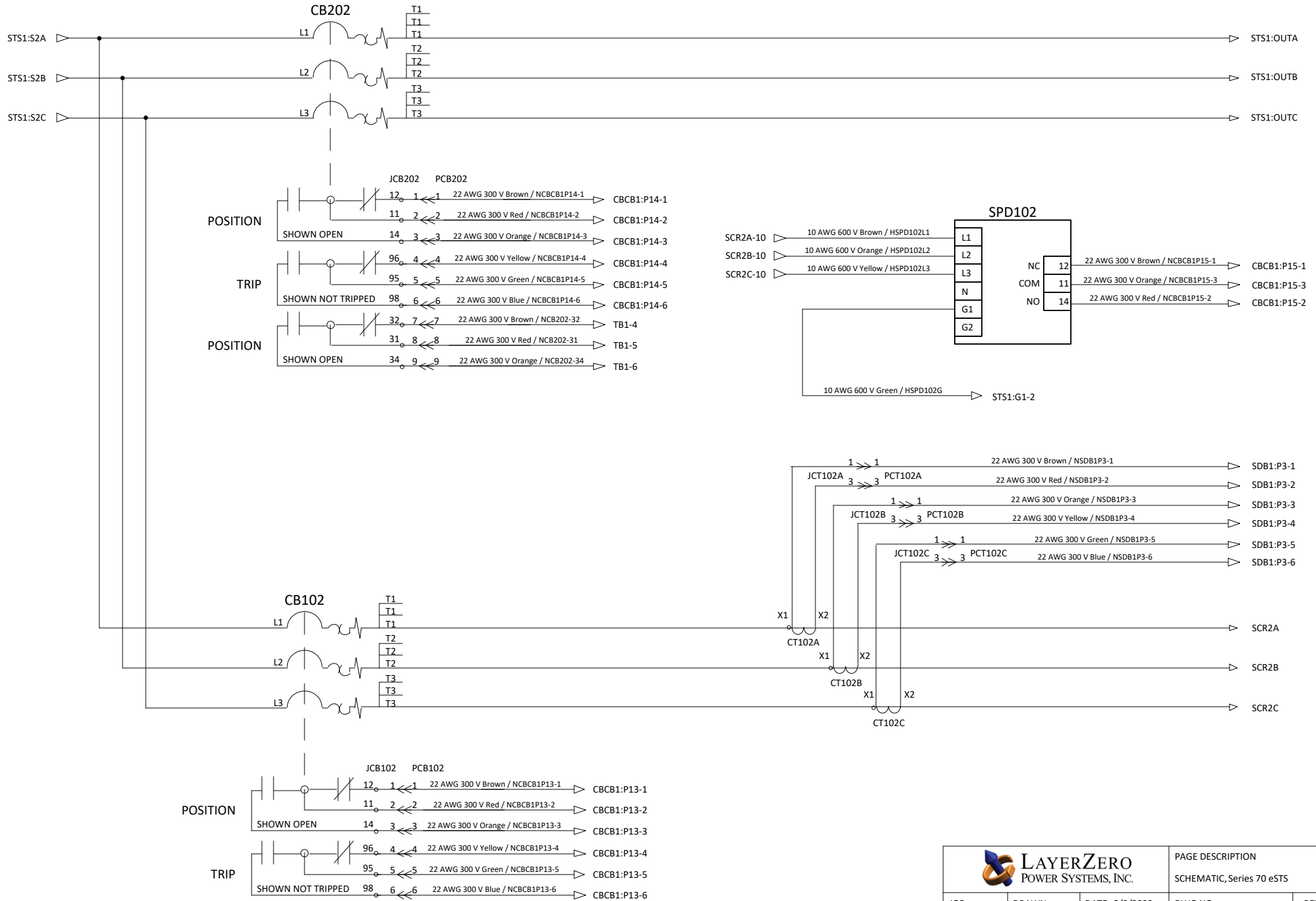
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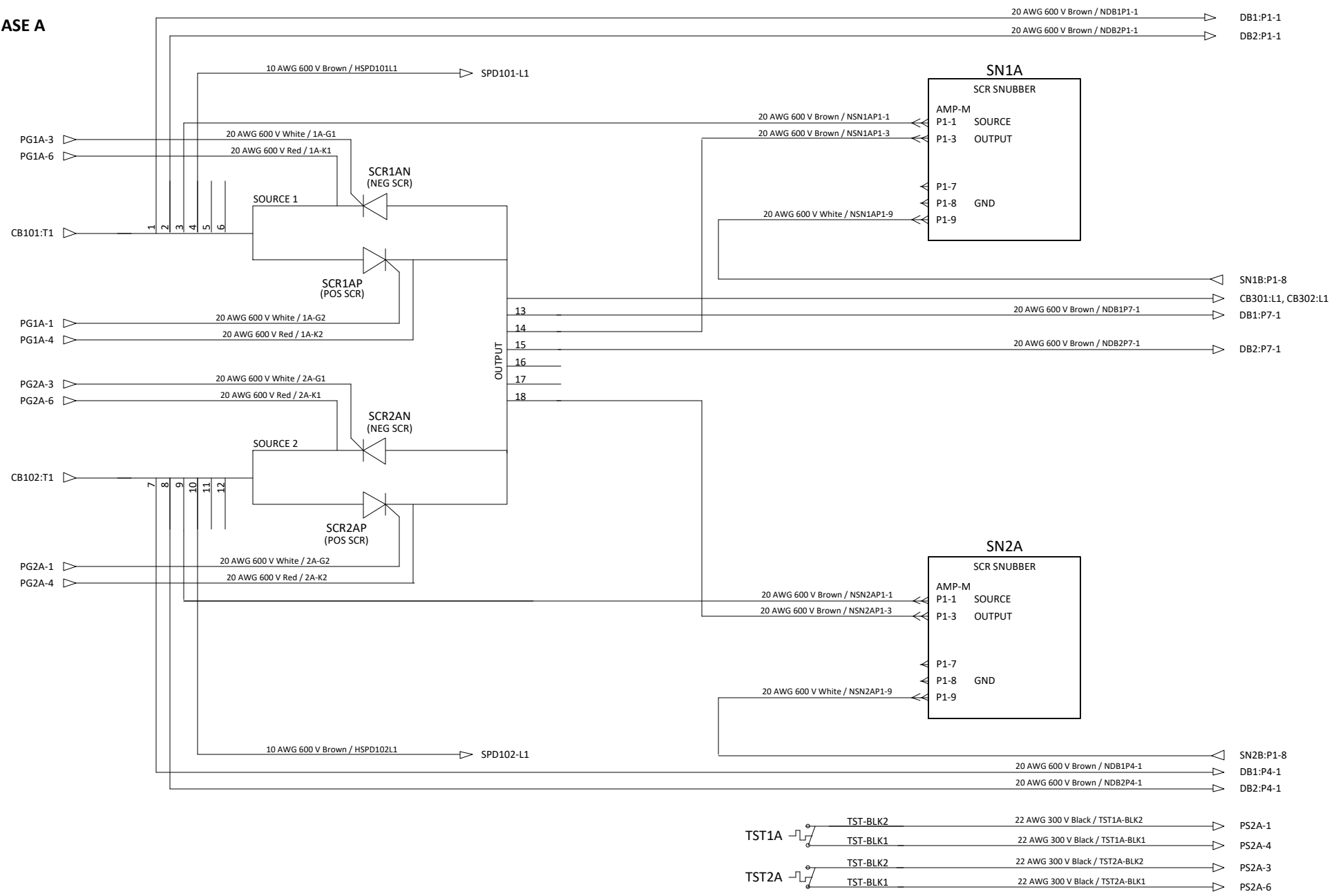
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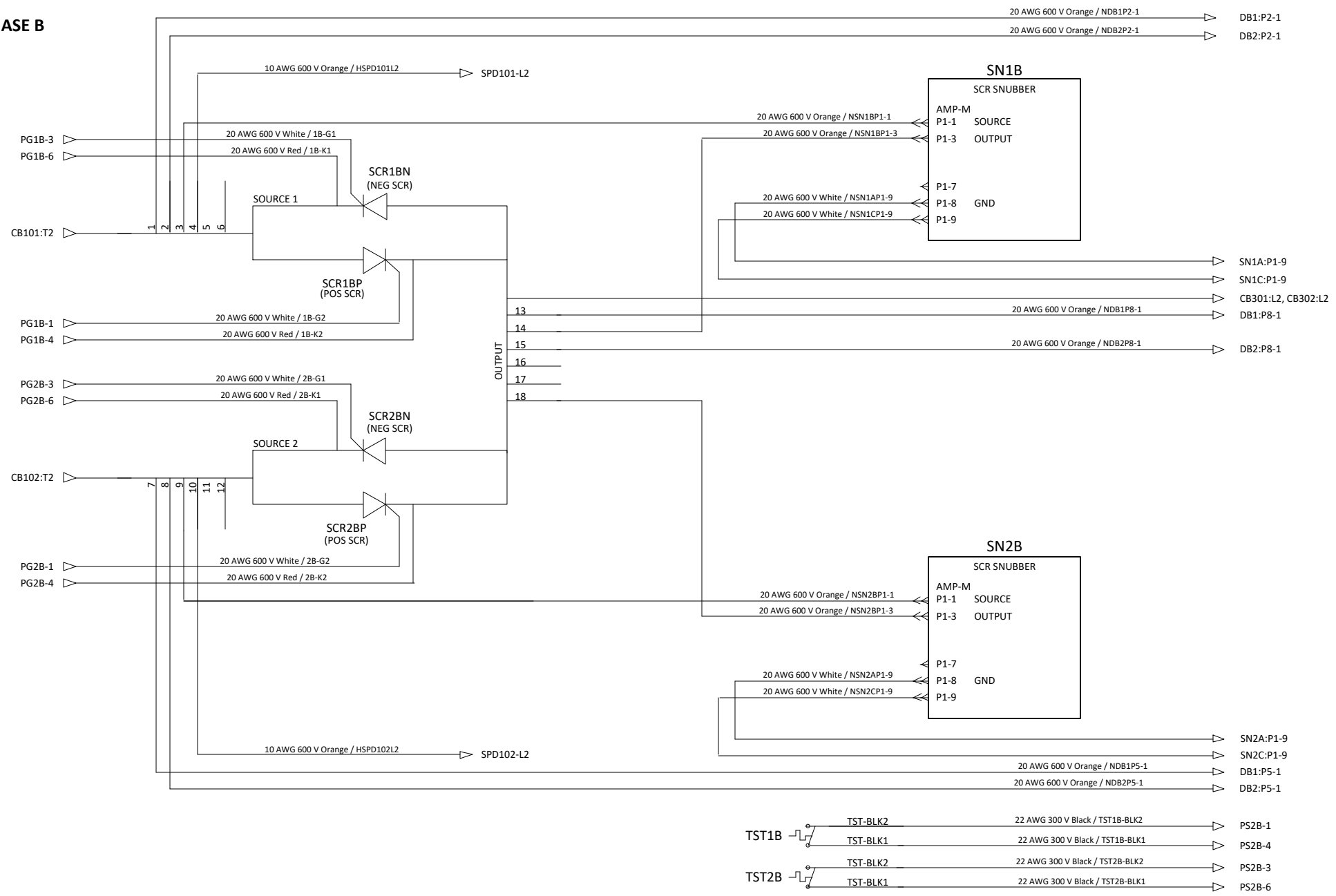
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PHASE A



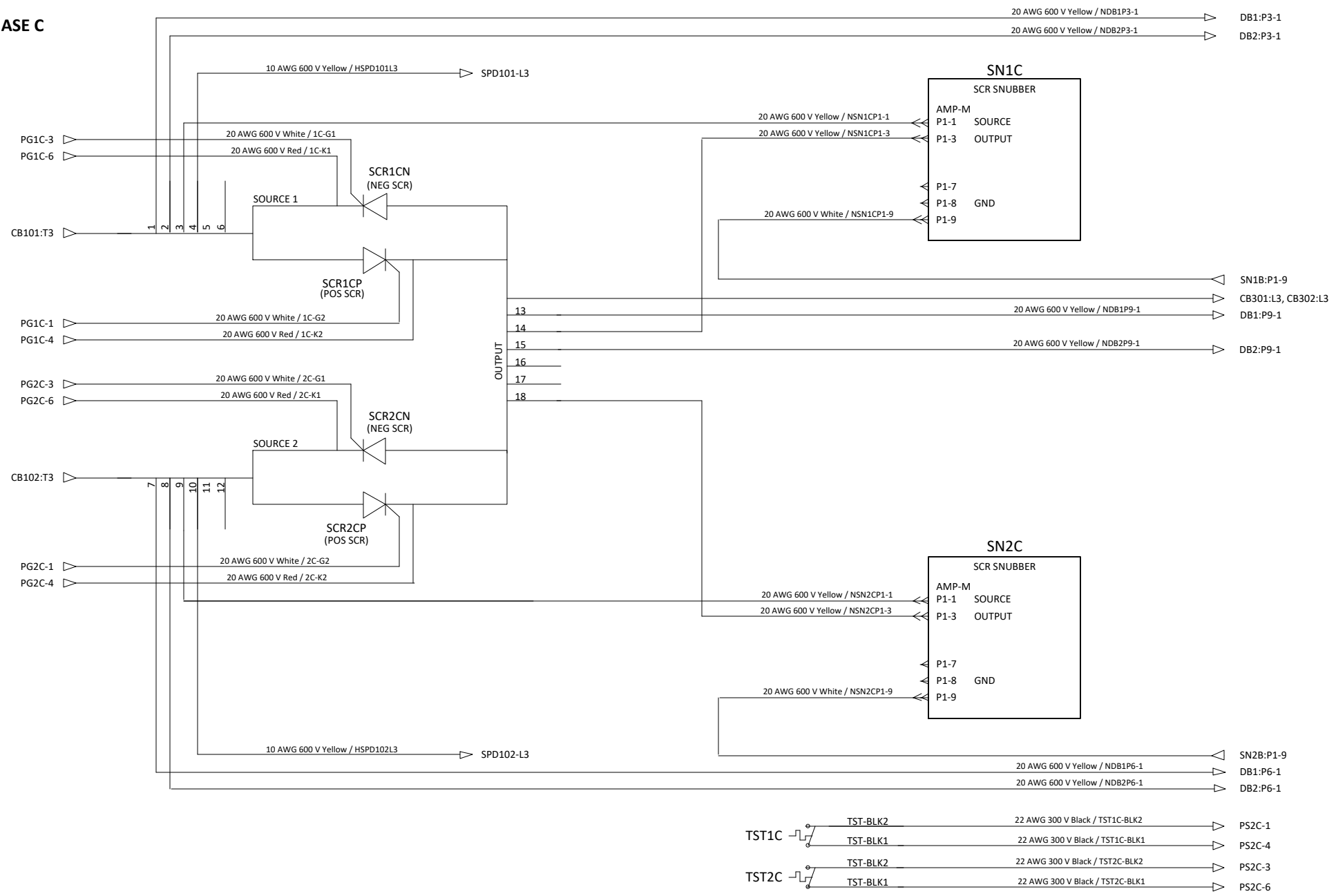
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PHASE B



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PHASE C



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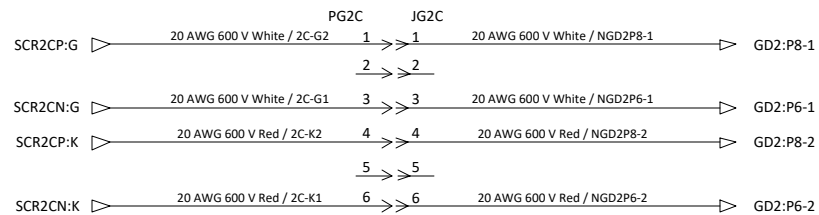
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PIN TERMINALS

PLUG HOUSING
SOCKET TERMINALS



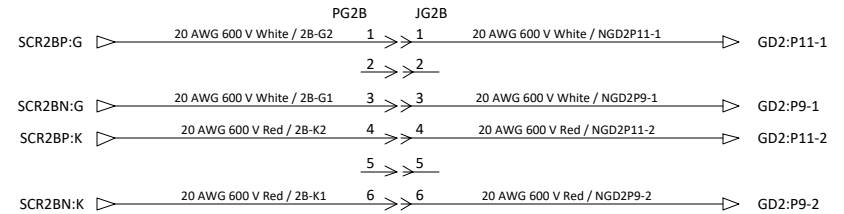
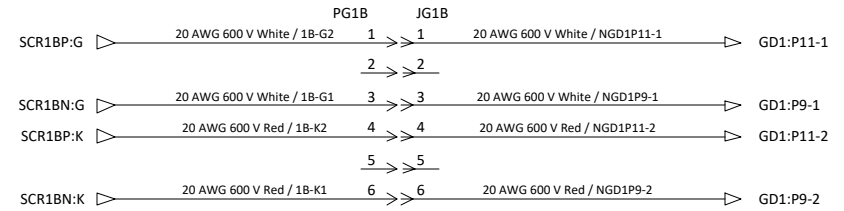
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SHELL HOUSING
PIN TERMINALS

PLUG HOUSING
SOCKET TERMINALS

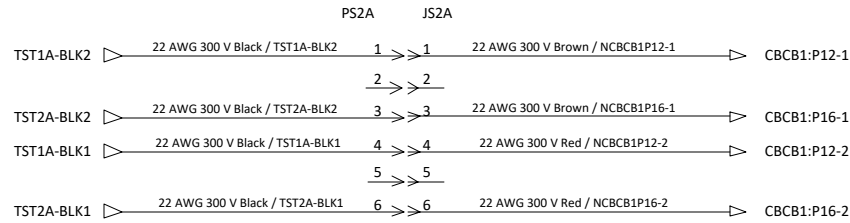


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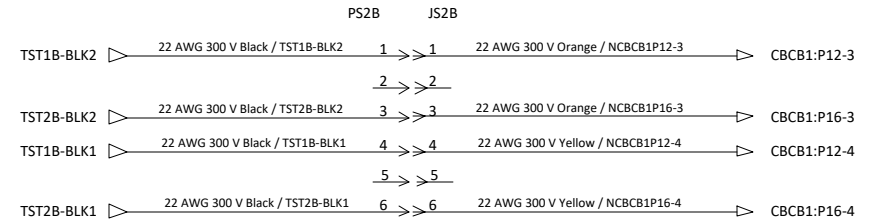
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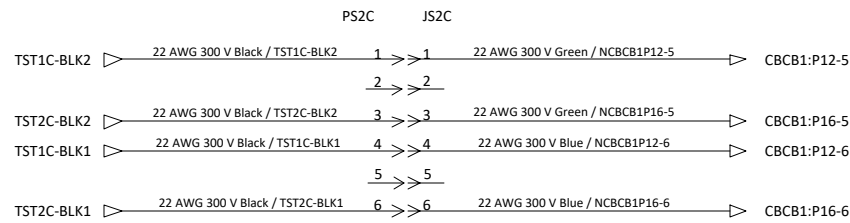
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SHELL HOUSING
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SOCKET TERMINALS



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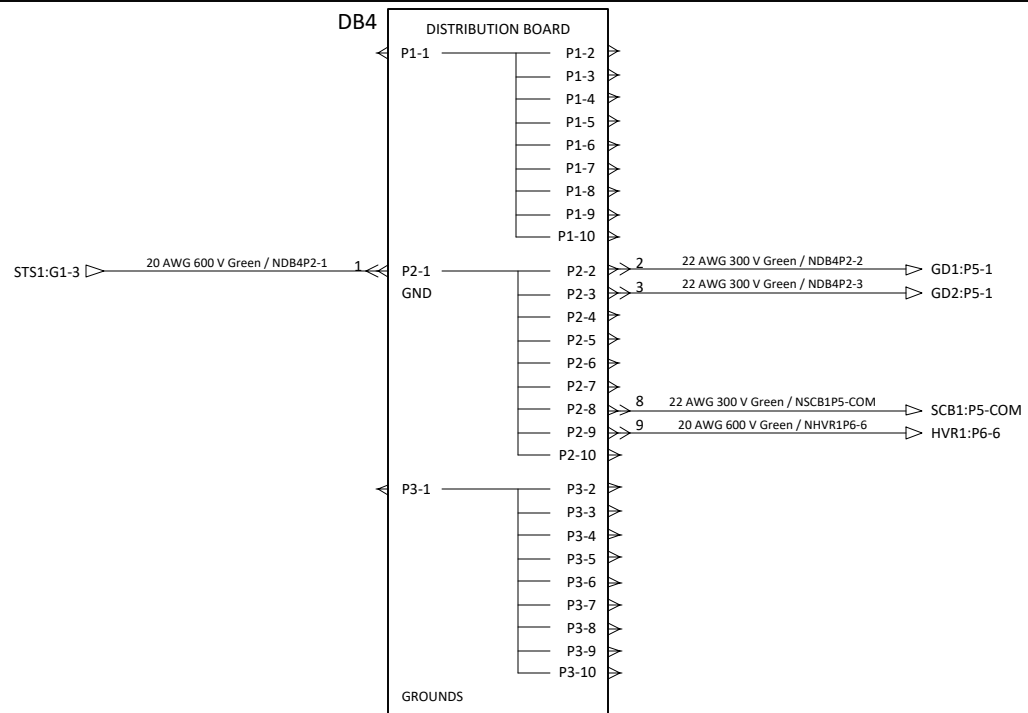
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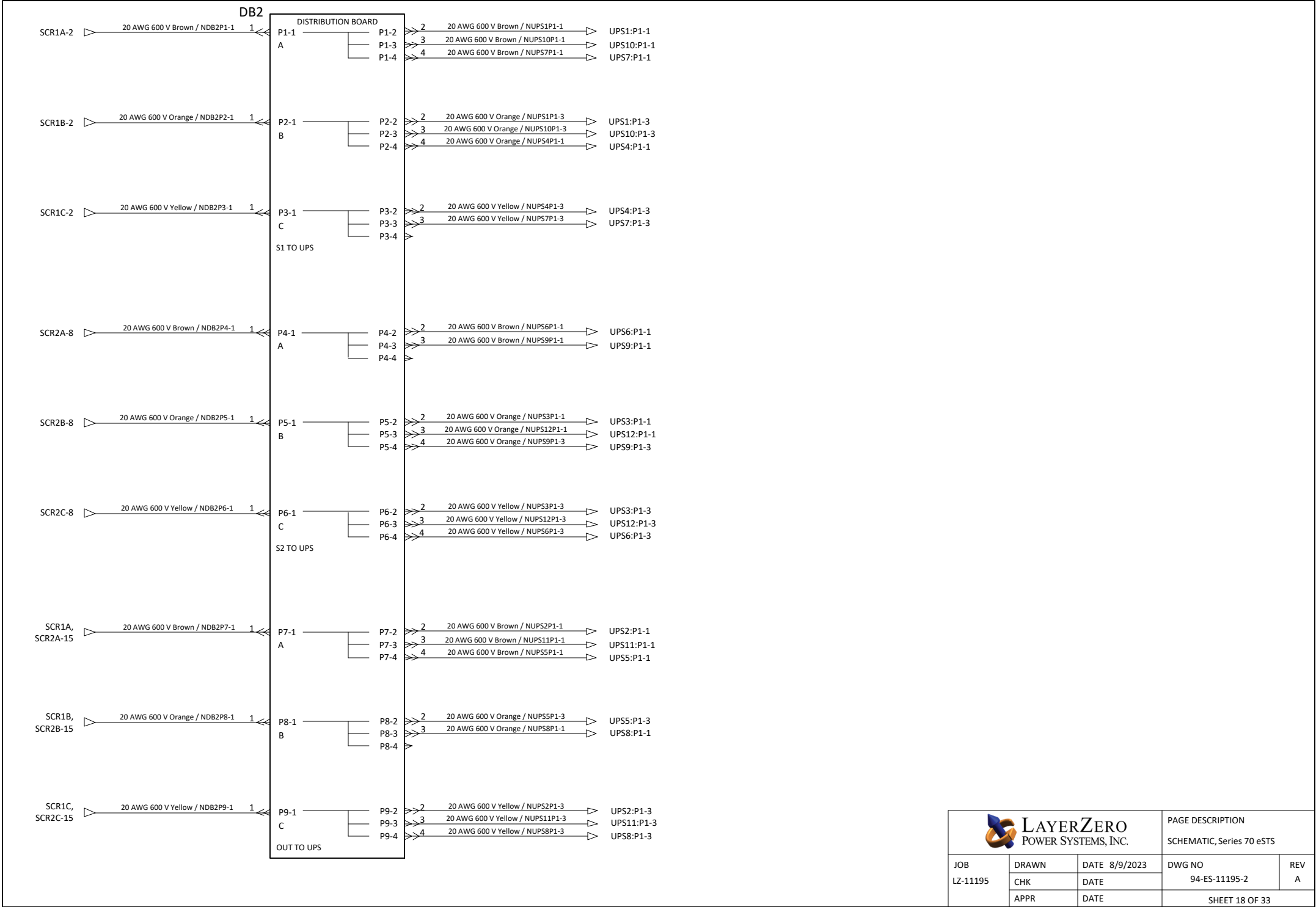
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LAYERZERO

POWER SYSTEMS, INC.

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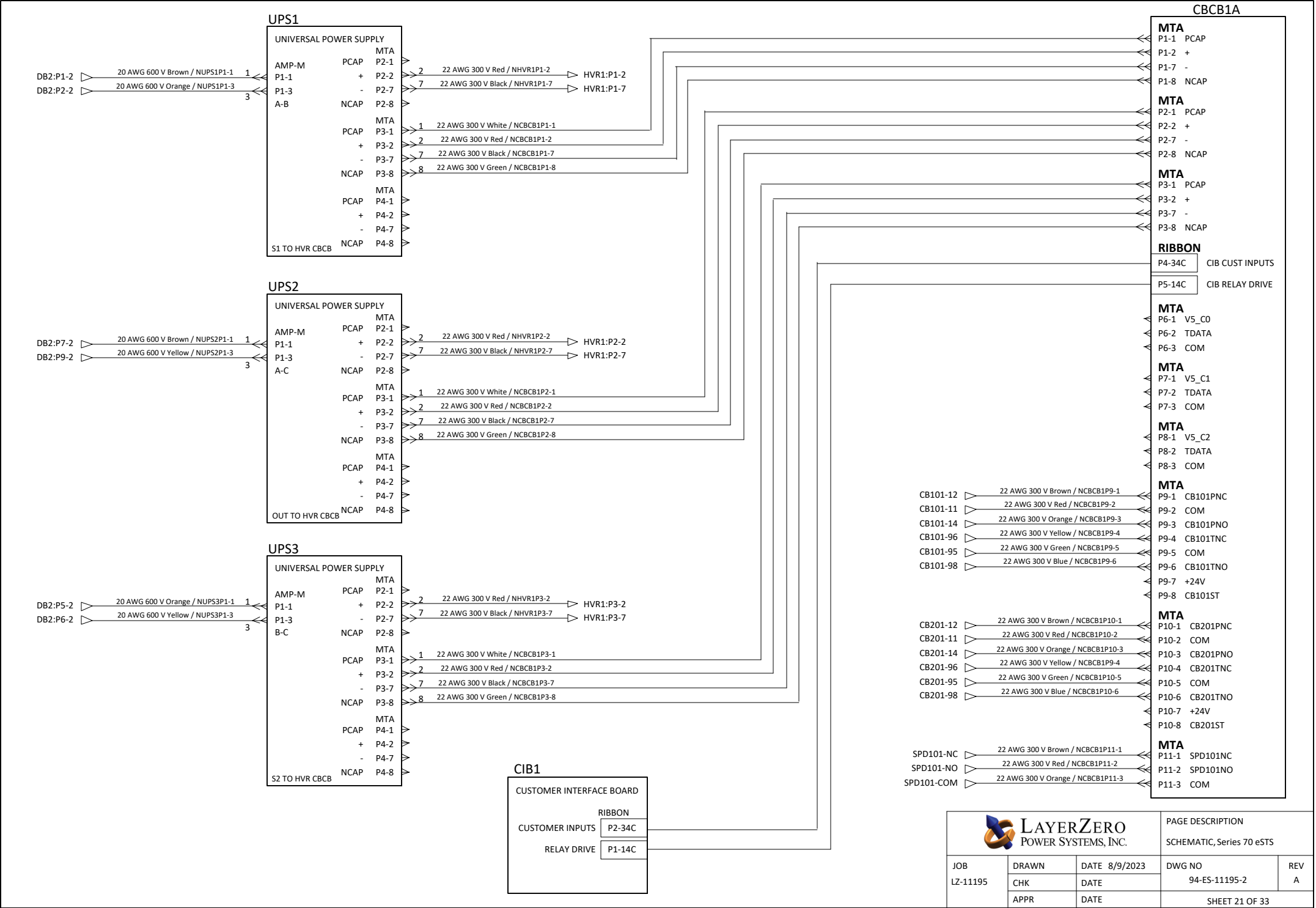
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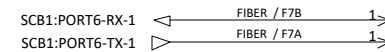
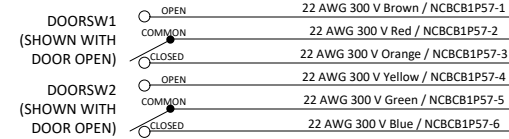
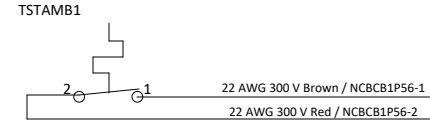
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JS2B-1	22 AWG 300 V Orange / NCBCB1P12-3	P12-3	TST101B
JS2B-4	22 AWG 300 V Yellow / NCBCB1P12-4	P12-4	COM
JS2C-1	22 AWG 300 V Green / NCBCB1P12-5	P12-5	TST101C
JS2C-4	22 AWG 300 V Blue / NCBCB1P12-6	P12-6	COM
		P12-7	TST101N
		P12-8	COM
CB102-12	22 AWG 300 V Brown / NCBCB1P13-1	MTA P13-1	CB102PNC
CB102-11	22 AWG 300 V Red / NCBCB1P13-2	P13-2	COM
CB102-14	22 AWG 300 V Orange / NCBCB1P13-3	P13-3	CB102PNO
CB102-96	22 AWG 300 V Yellow / NCBCB1P13-4	P13-4	CB102TNC
CB102-95	22 AWG 300 V Green / NCBCB1P13-5	P13-5	COM
CB102-98	22 AWG 300 V Blue / NCBCB1P13-6	P13-6	CB102TNO
		P13-7	+24V
		P13-8	CB102ST
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CB202-11	22 AWG 300 V Red / NCBCB1P14-2	P14-2	COM
CB202-14	22 AWG 300 V Orange / NCBCB1P14-3	P14-3	CB202PNO
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		P14-7	+24V
		P14-8	CB202ST
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SPD102-COM	22 AWG 300 V Orange / NCBCB1P15-3	P15-3	COM
JS2A-3	22 AWG 300 V Brown / NCBCB1P16-1	MTA P16-1	TST102A
JS2A-6	22 AWG 300 V Red / NCBCB1P16-2	P16-2	COM
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JS2B-6	22 AWG 300 V Yellow / NCBCB1P16-4	P16-4	COM
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		P16-8	COM
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CB103PNO		P17-3	CB103PNO
CB103TNC		P17-4	CB103TNC
COM		P17-5	COM
CB103TNO		P17-6	CB103TNO
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CB103ST		P17-8	CB103ST
CB203PNC		MTA P18-1	CB203PNC
COM		P18-2	COM
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CB203TNC		P18-4	CB203TNC
COM		P18-5	COM
CB203TNO		P18-6	CB203TNO
+24V		P18-7	+24V
CB203ST		P18-8	CB203ST
SPD103NC		MTA P19-1	SPD103NC
SPD103NO		P19-2	SPD103NO
COM		P19-3	COM

CBCB1C

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+24V		P23-7	+24V
CBSP1ST		P23-8	CBSP1ST
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COM		P24-2	COM
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COM		P49-2	COM
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COM		P49-4	COM
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COM		P50-2	COM
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FSS2-NC		P51-3	FSS2-NC
COM		P51-4	COM
+12V		MTA P52-1	+12V
COM		P52-2	COM
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COM		P53-2	COM
FSS3-NC		P53-3	FSS3-NC
COM		P53-4	COM

CBCB1D

P54-1	+12V	MTA
P54-2	COM	
P55-1	FSS4NO	MTA
P55-2	COM	
P55-3	FSS4NC	
P55-4	COM	
P56-1	TSTAMB1	MTA
P56-2	COM	
P56-3	TSTAMB2	
P56-4	COM	
P57-1	CABSW1NC	MTA
P57-2	COM	
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P59-1	SPARE3NC	MTA
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P59-3	SPARE3NO	
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PORT0-RX		
PORT1-TX		
PORT1-RX		
PORT2-TX		
PORT2-RX		

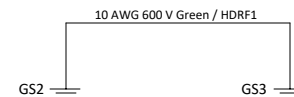
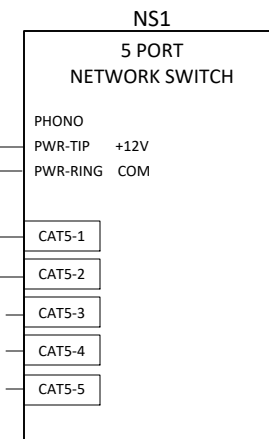
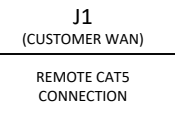
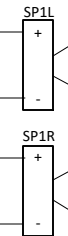
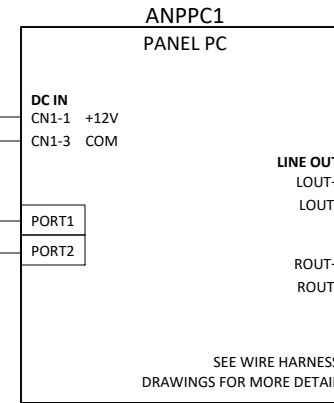
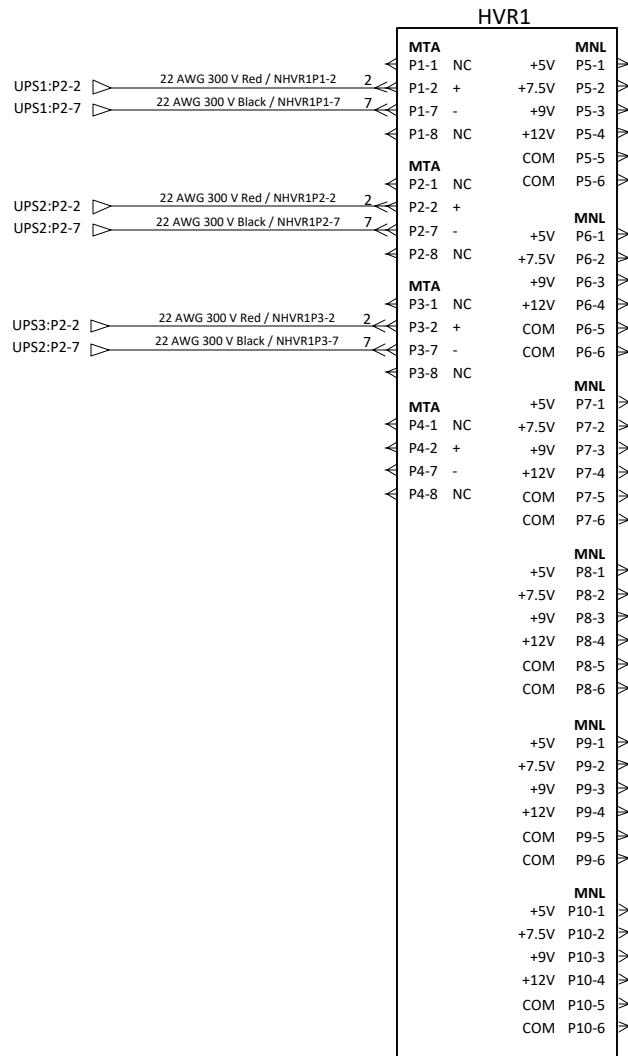


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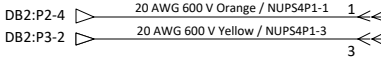
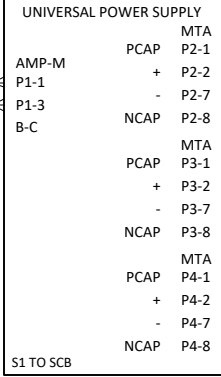
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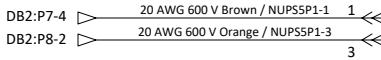
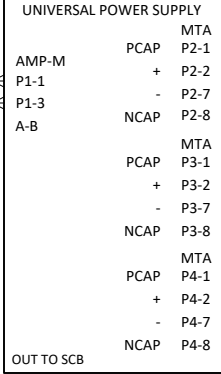


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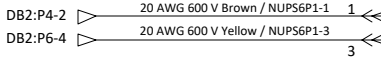
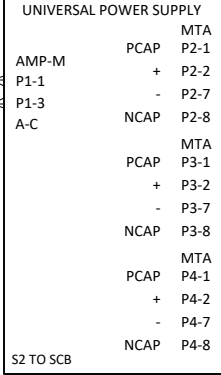
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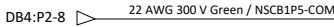
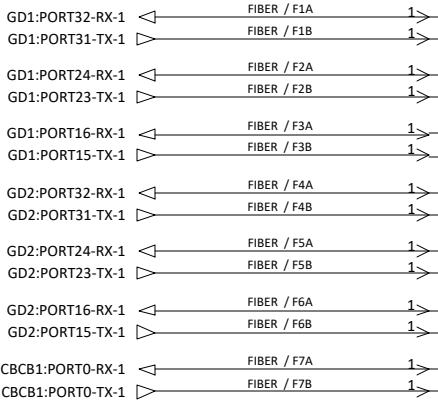
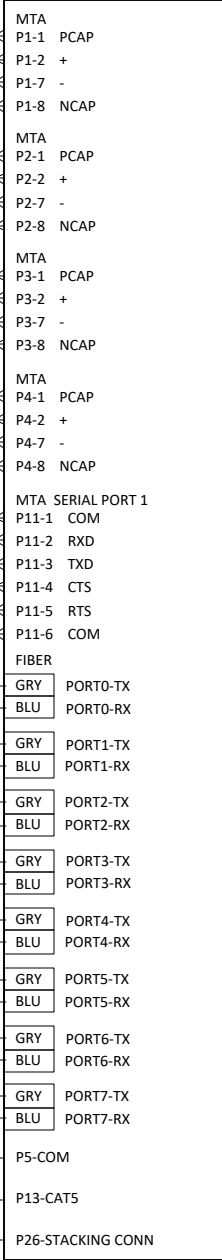
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UPS6



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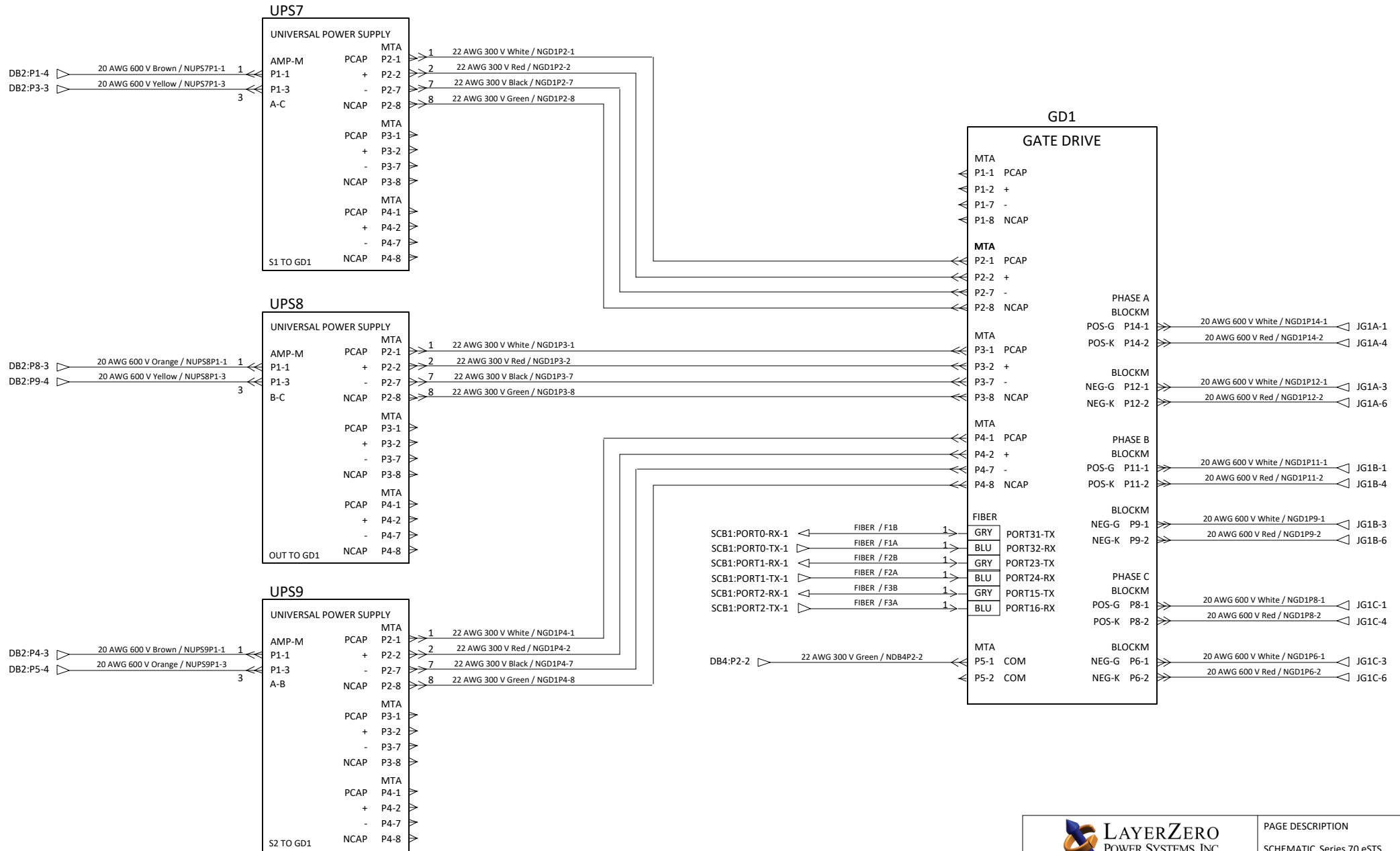


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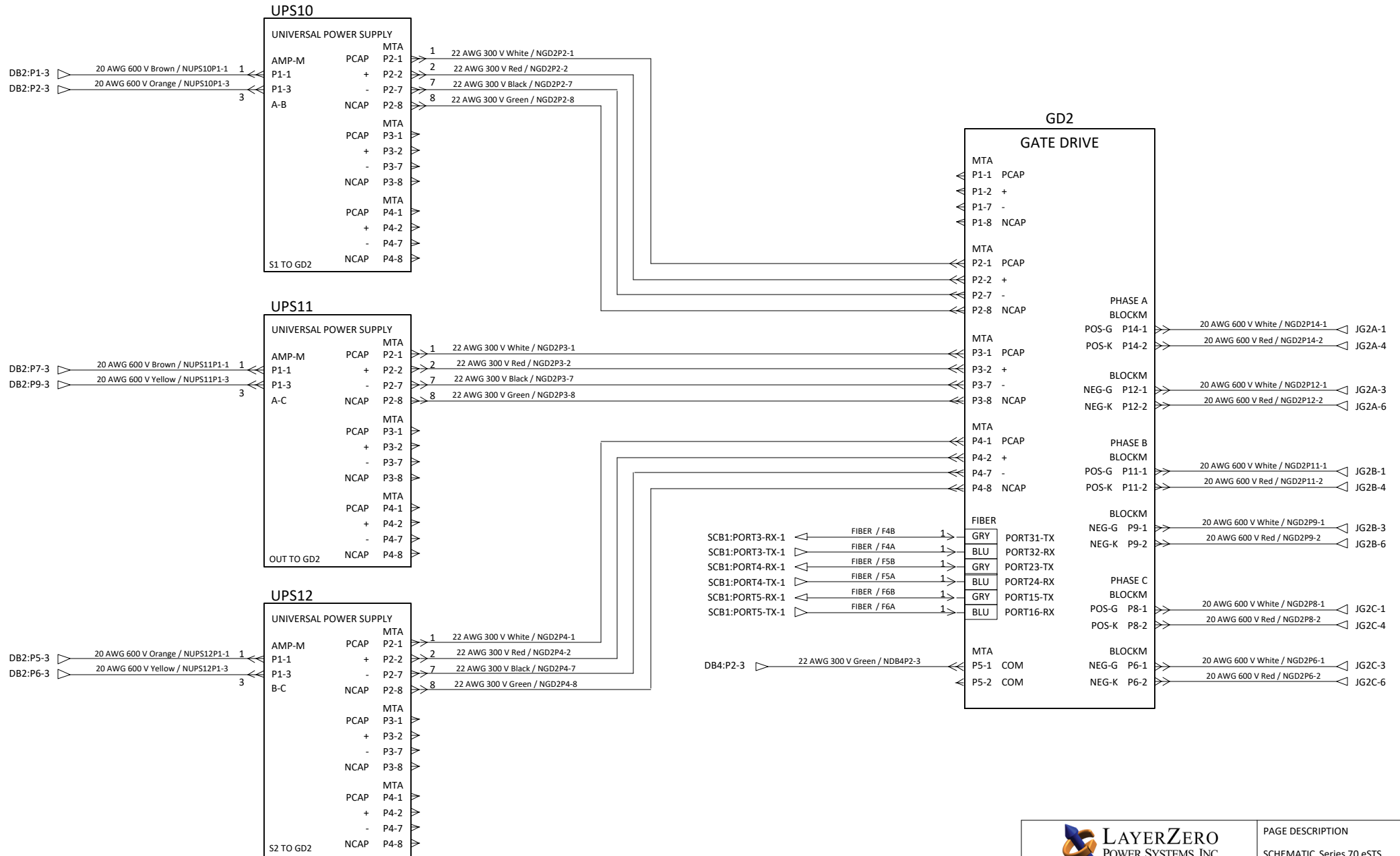
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