

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

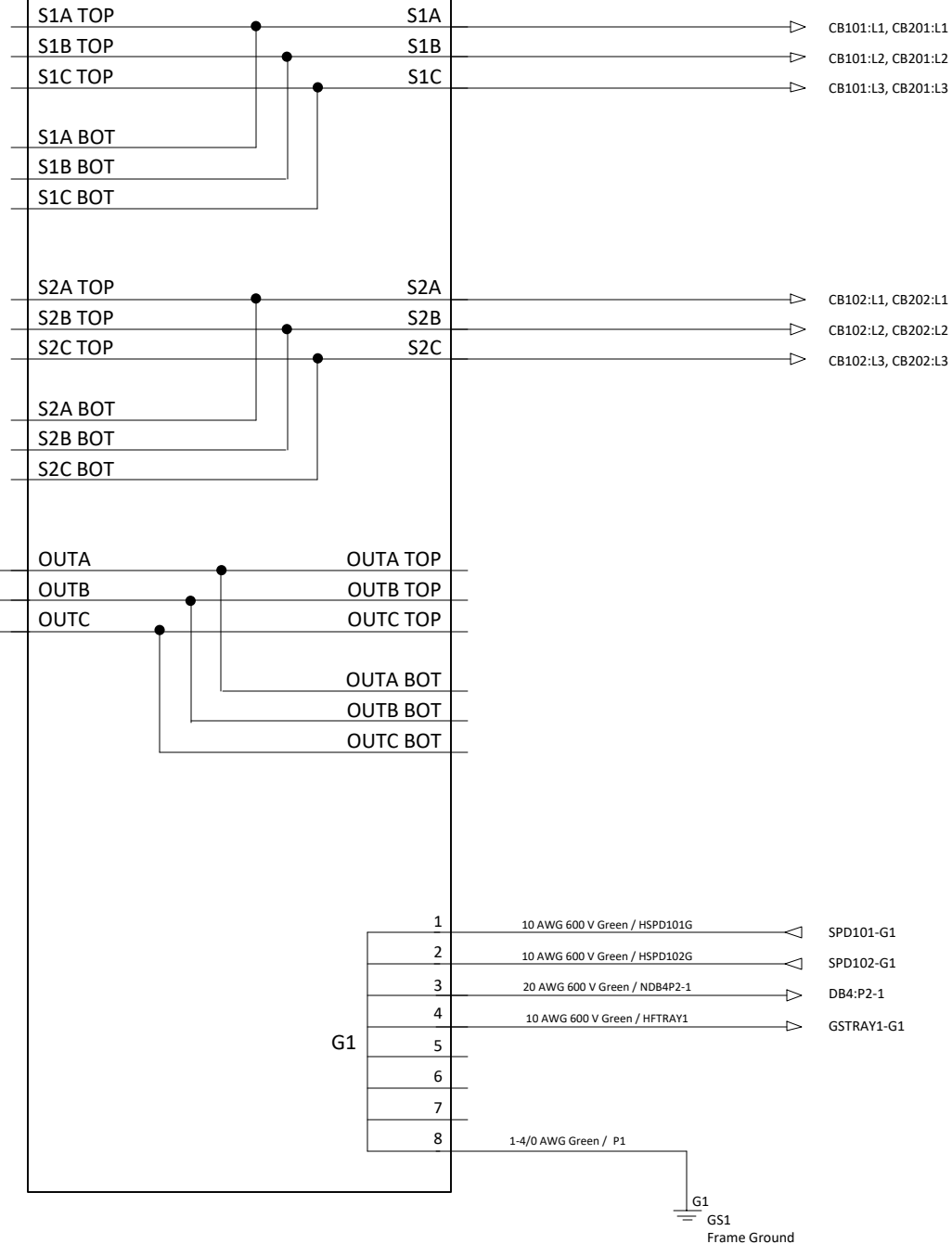
WHITE FOR A WIRE
RED FOR B WIRE
YELLOW FOR J WIRE



PAGE DESCRIPTION
SCHEMATIC, Series 70 eSTS

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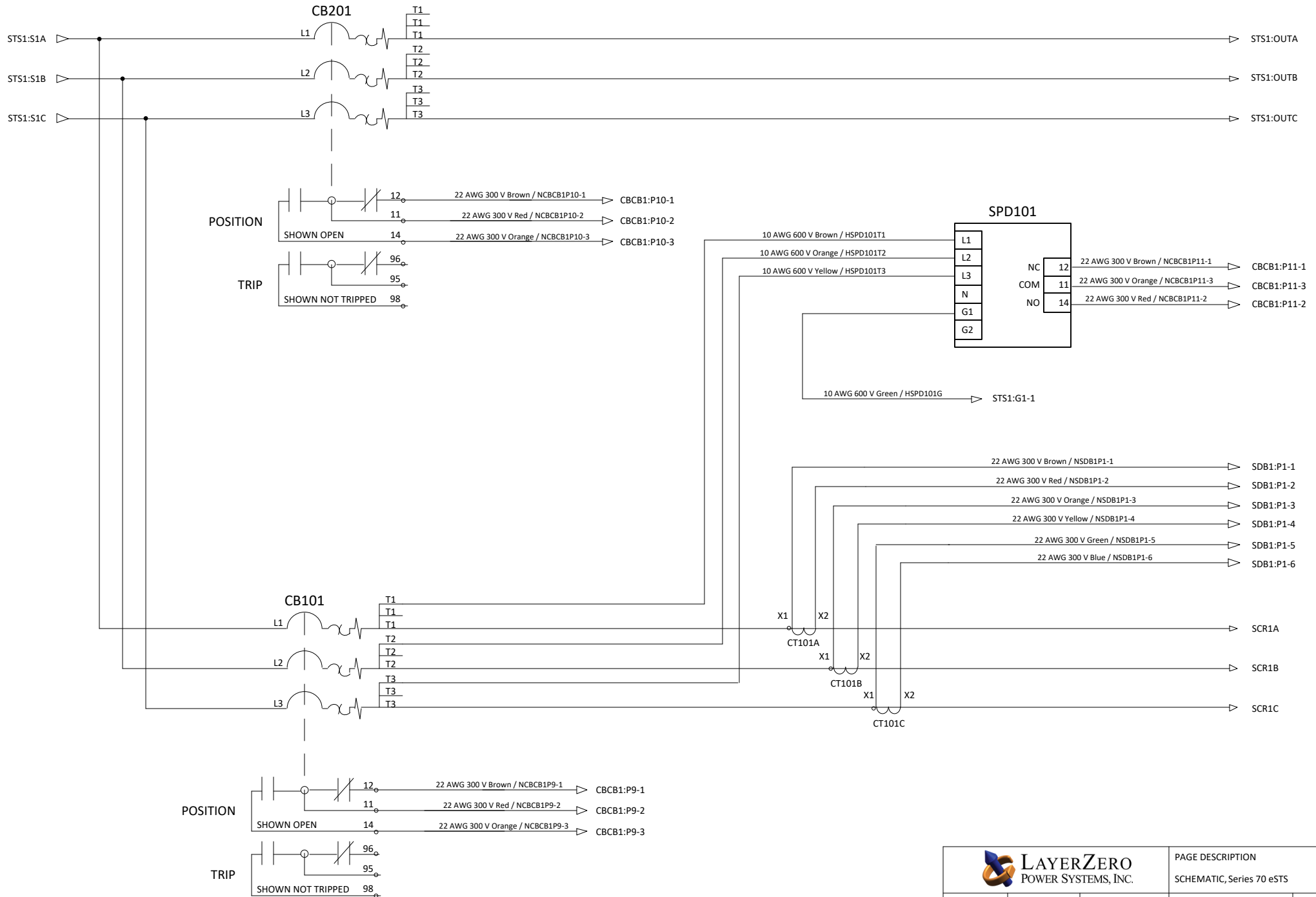
STS1



INPUT VOLTAGE	480V
CURRENT	1600A
REDUNDANCY	SMR
NUMBER OF POLES	3-pole
NUMBER OF WIRES	3-wire

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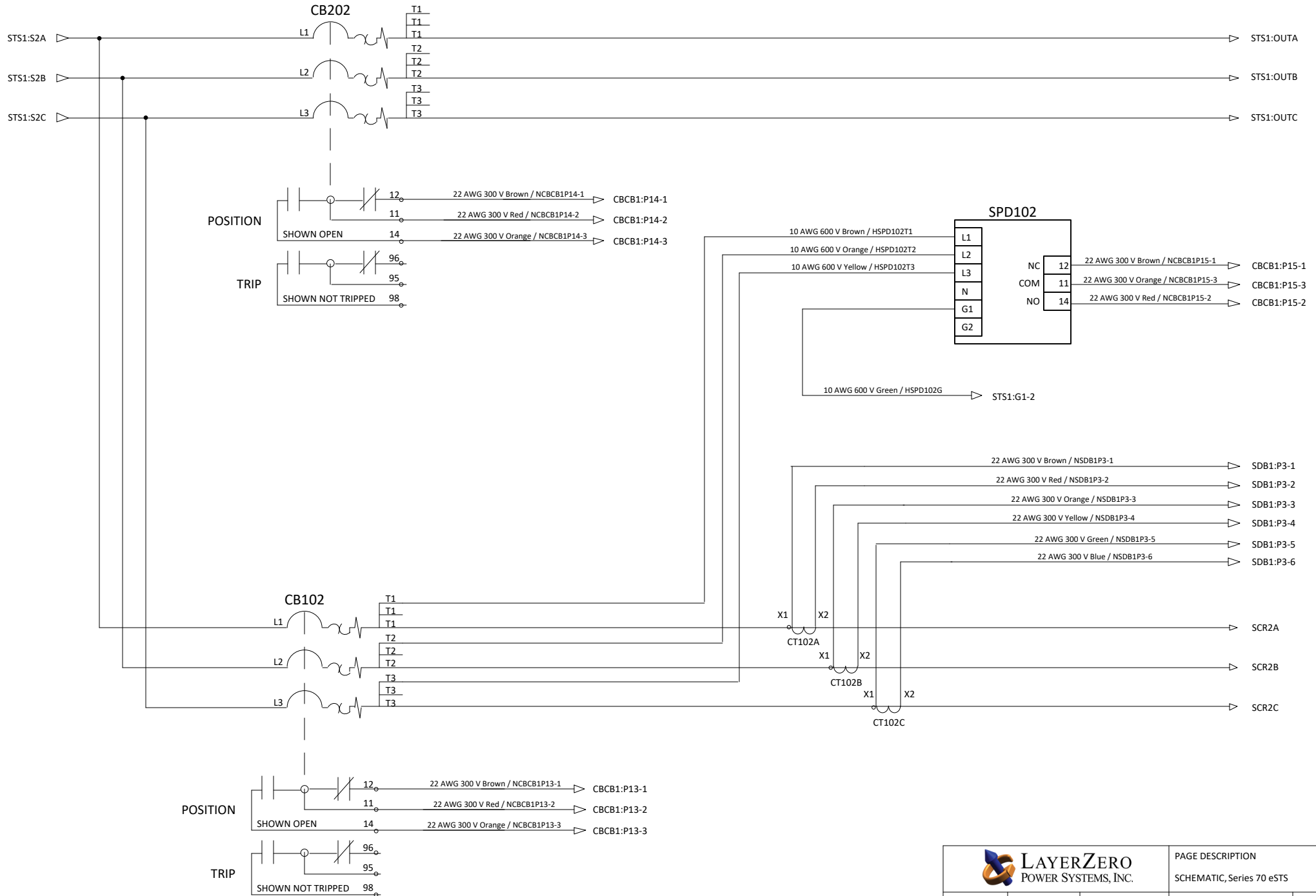
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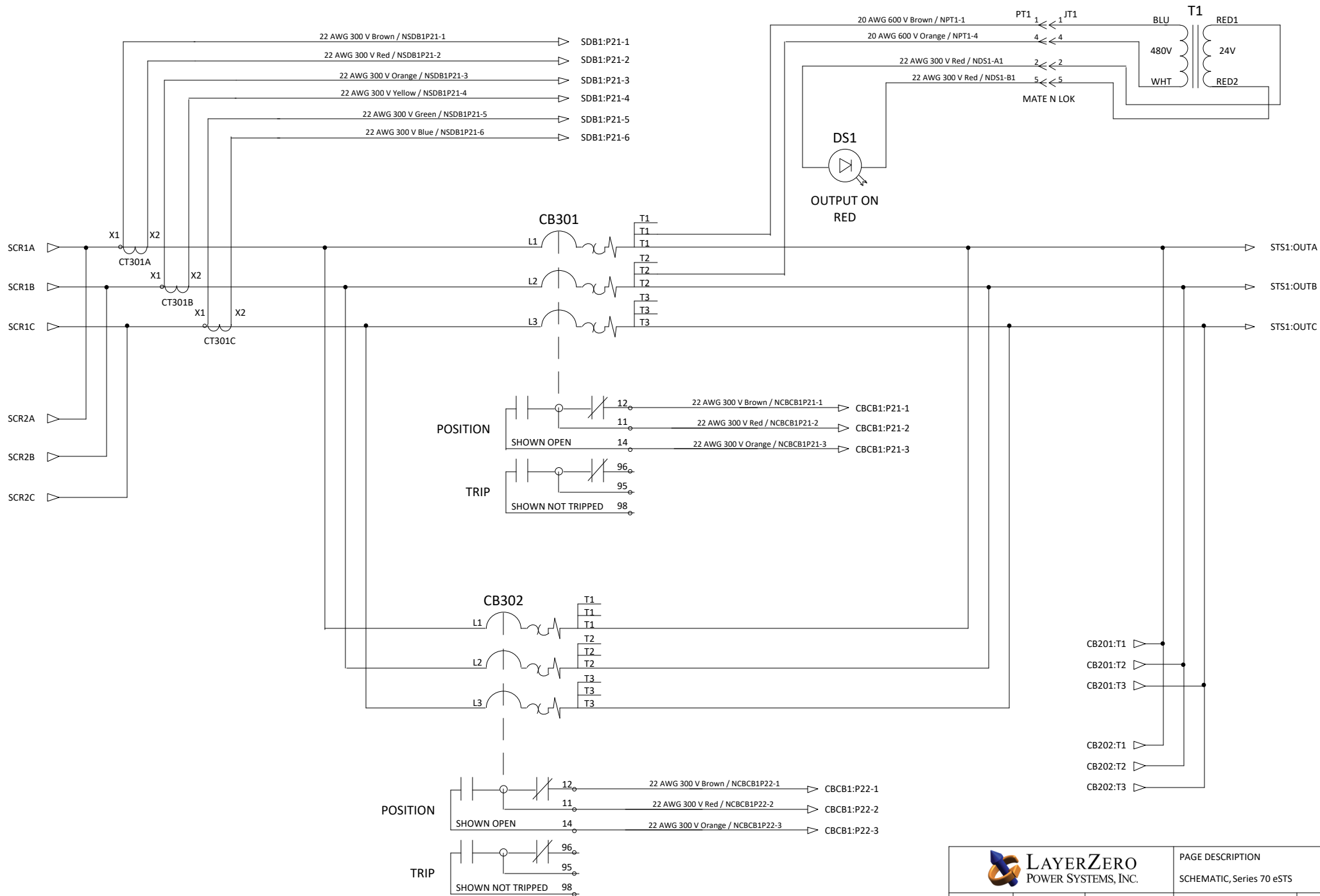
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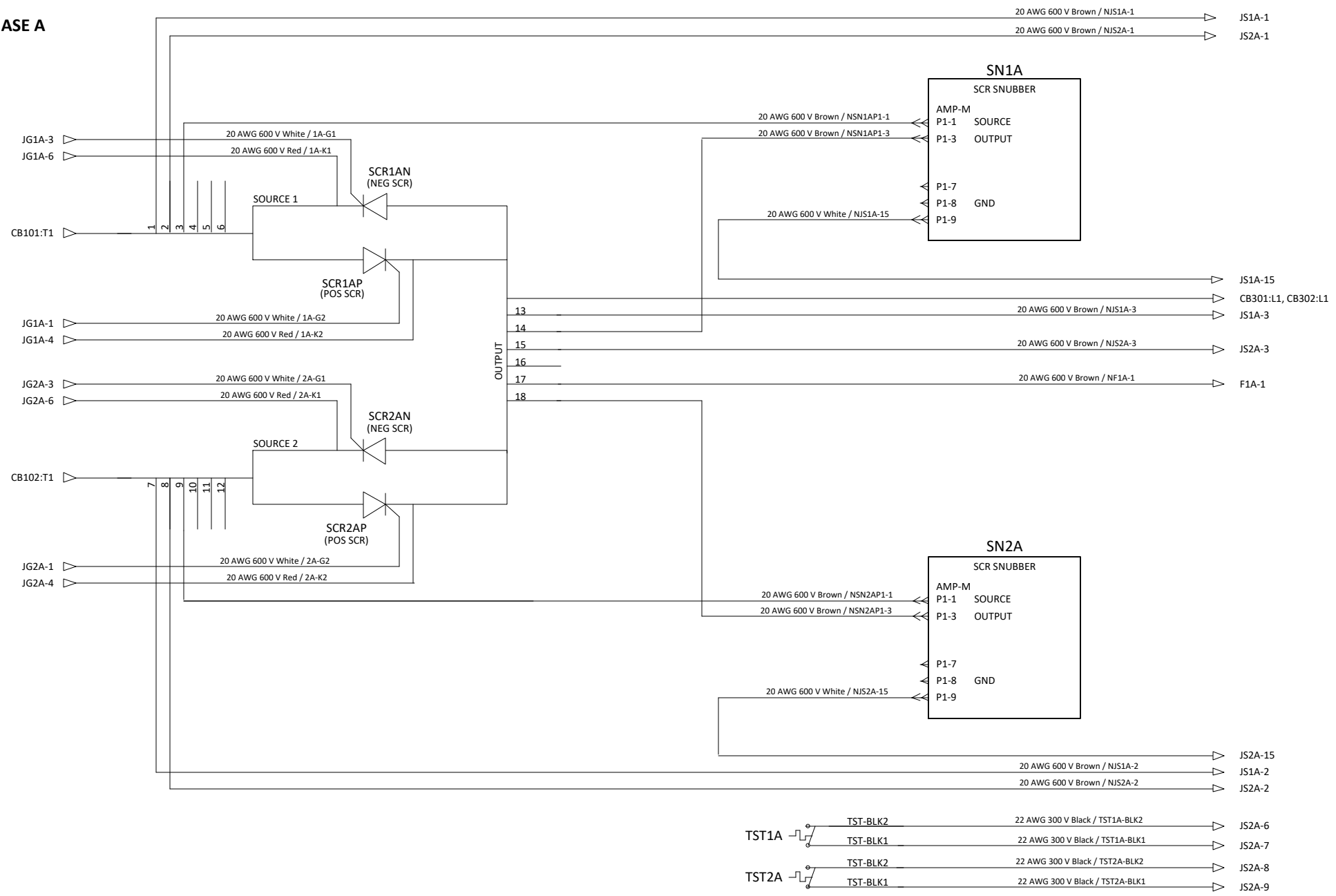
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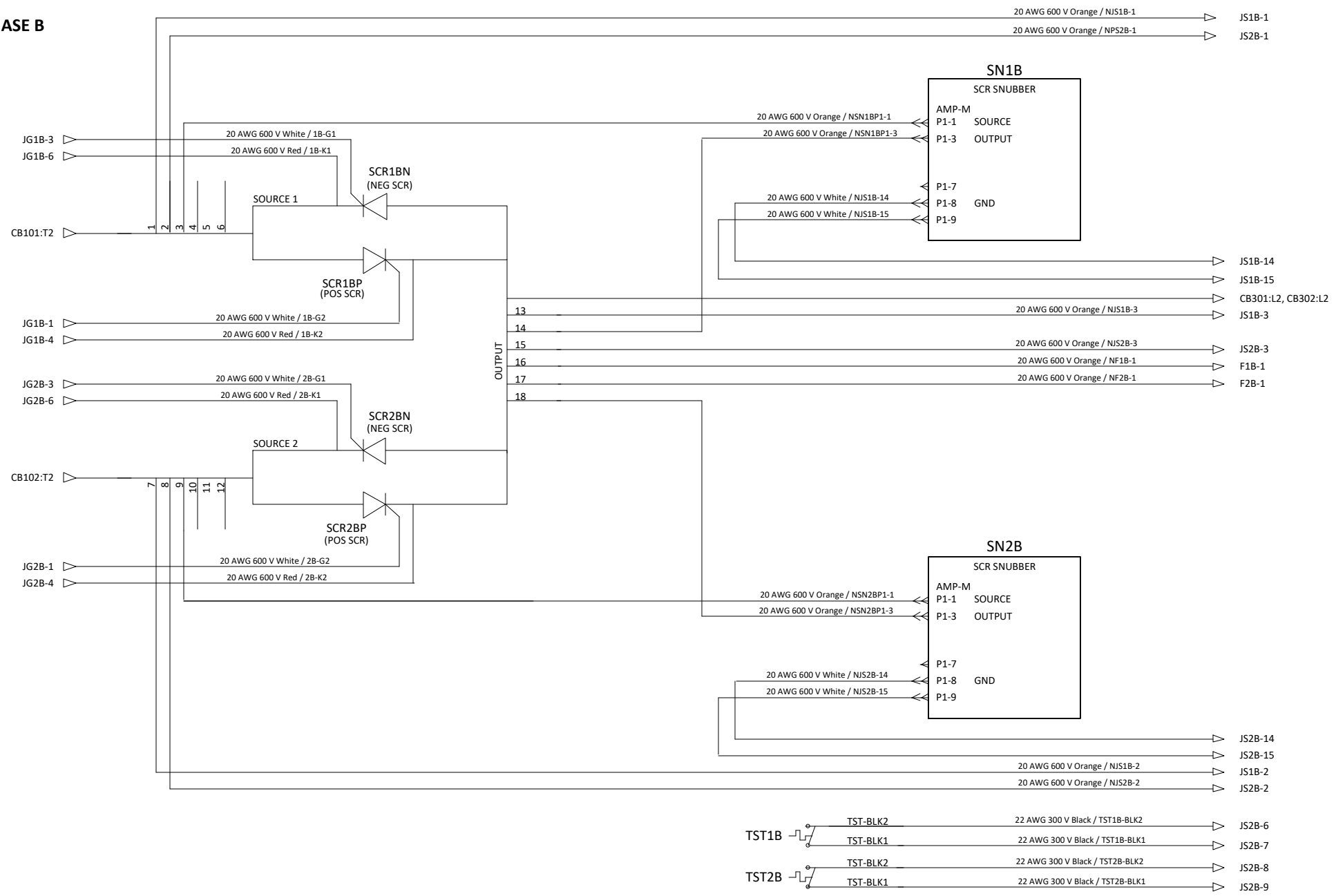
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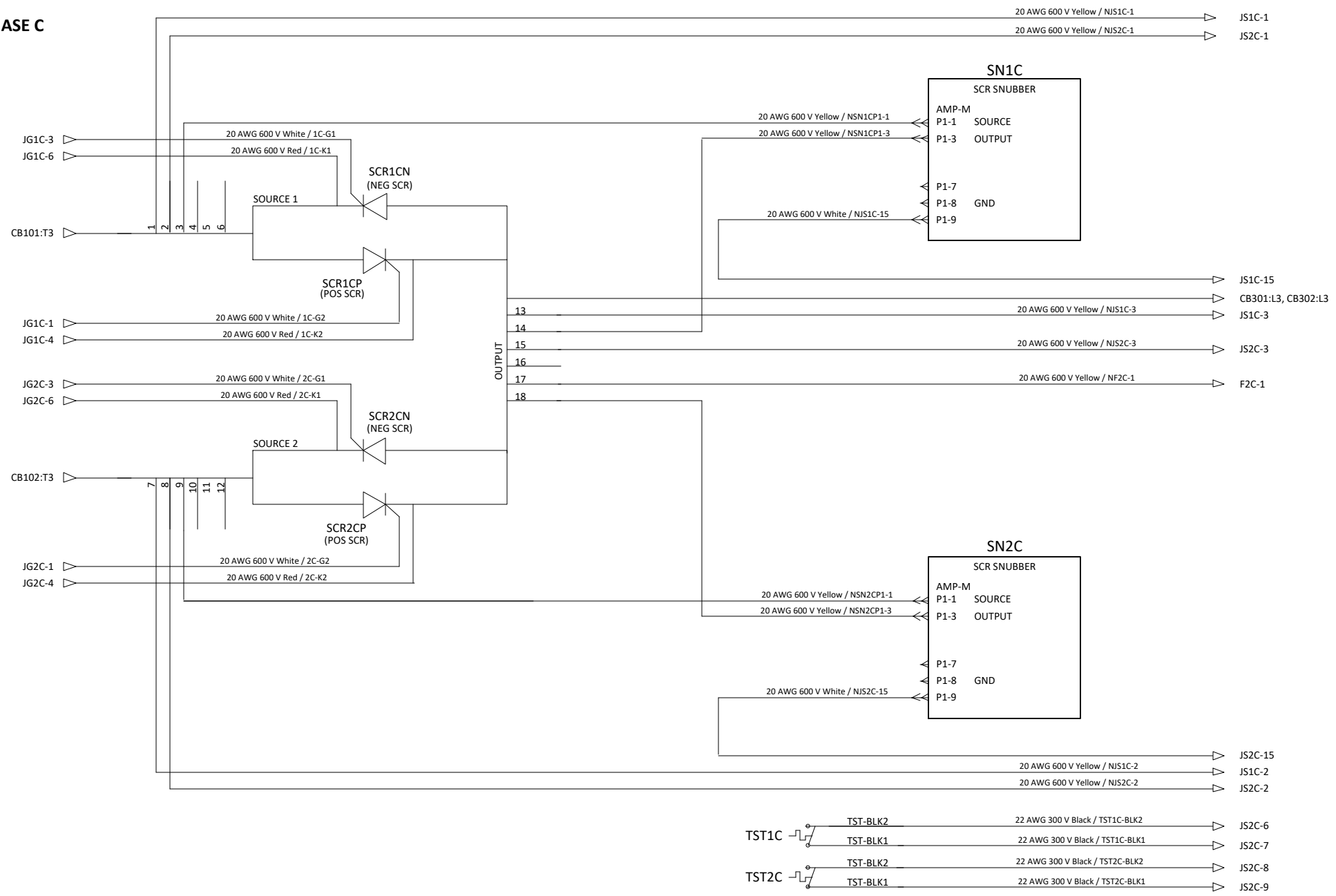
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PHASE B



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PHASE C



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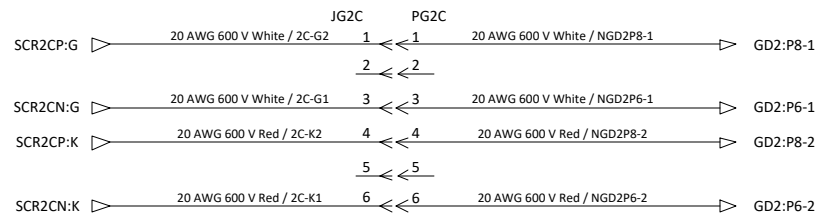
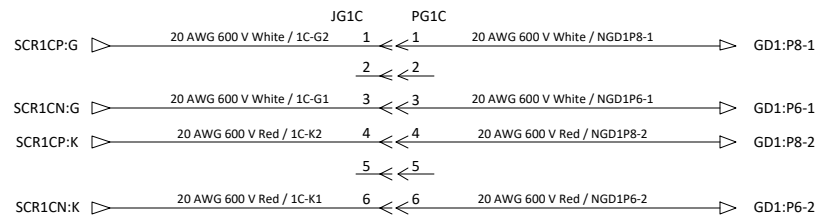
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SOCKET TERMINALS

SHELL HOUSING
PIN TERMINALS



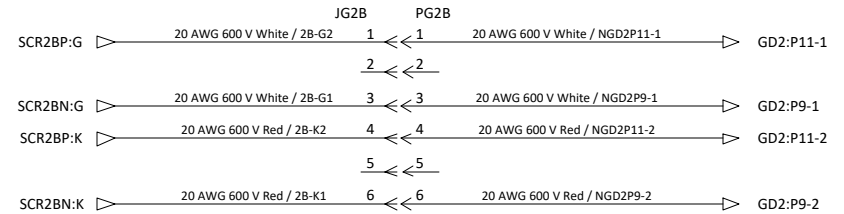
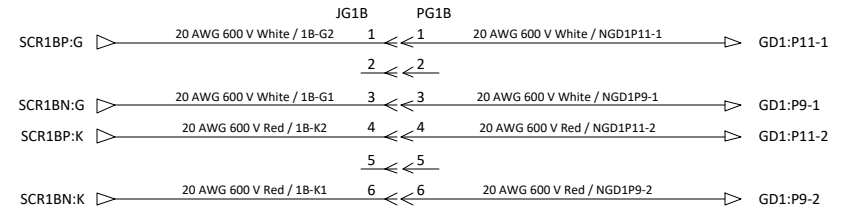
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SOCKET TERMINALS

SHELL HOUSING
PIN TERMINALS



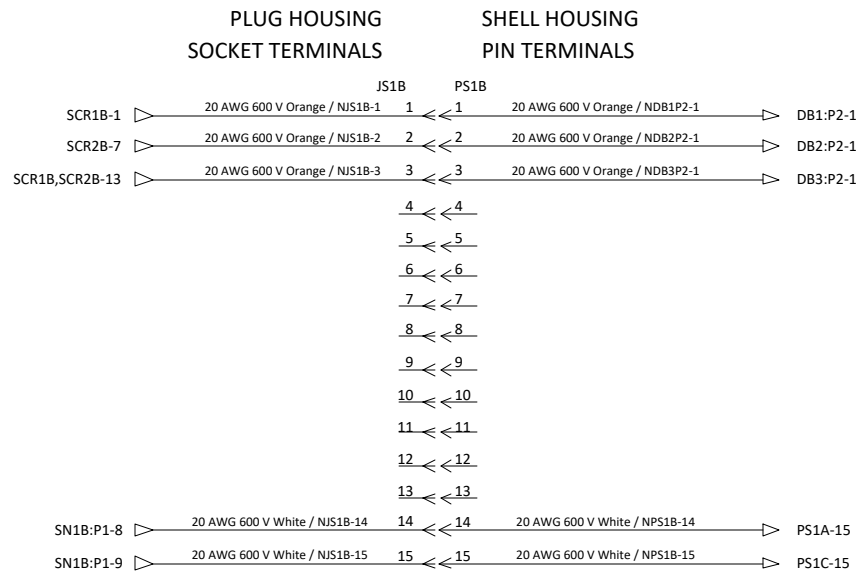
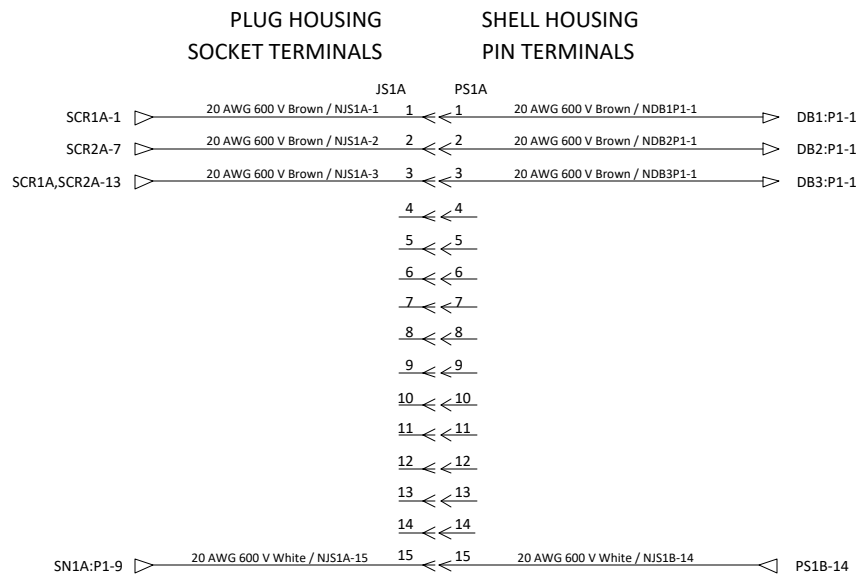
PLUG HOUSING
SOCKET TERMINALS

SHELL HOUSING
PIN TERMINALS



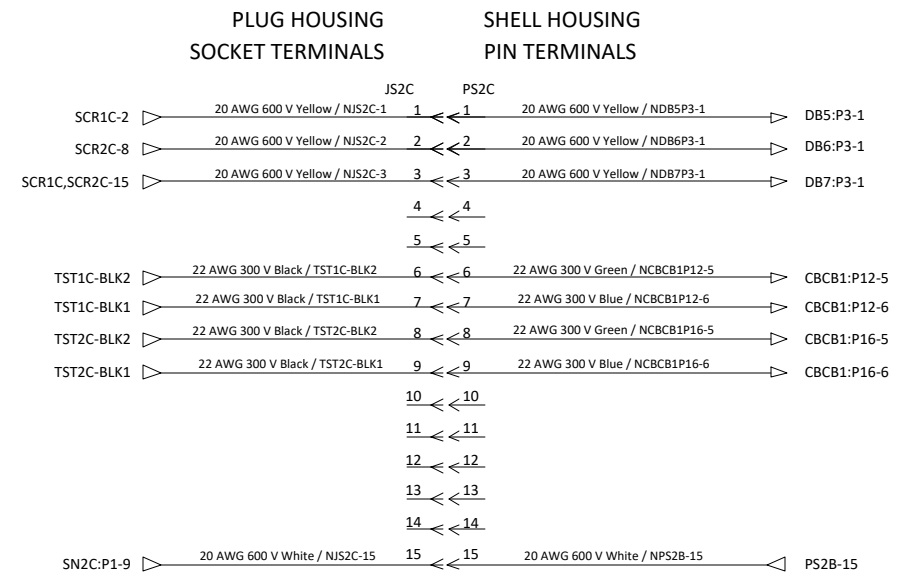
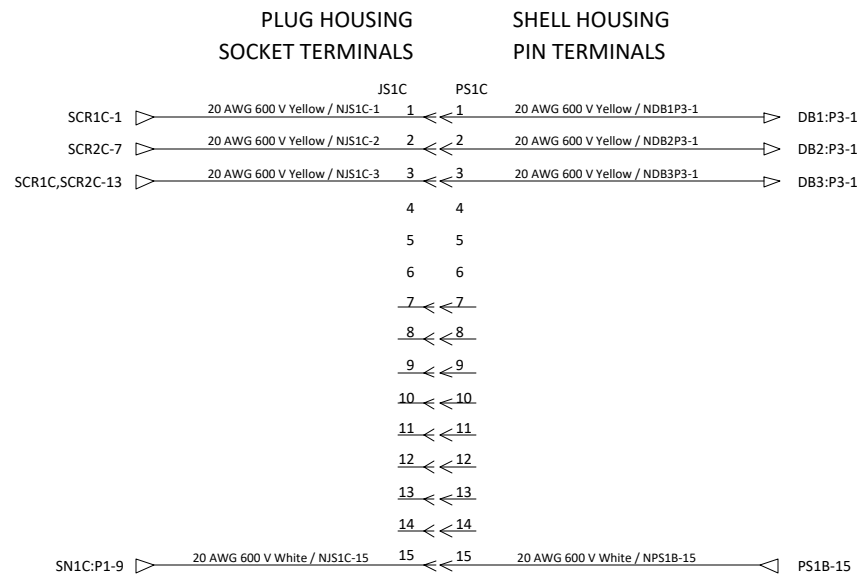
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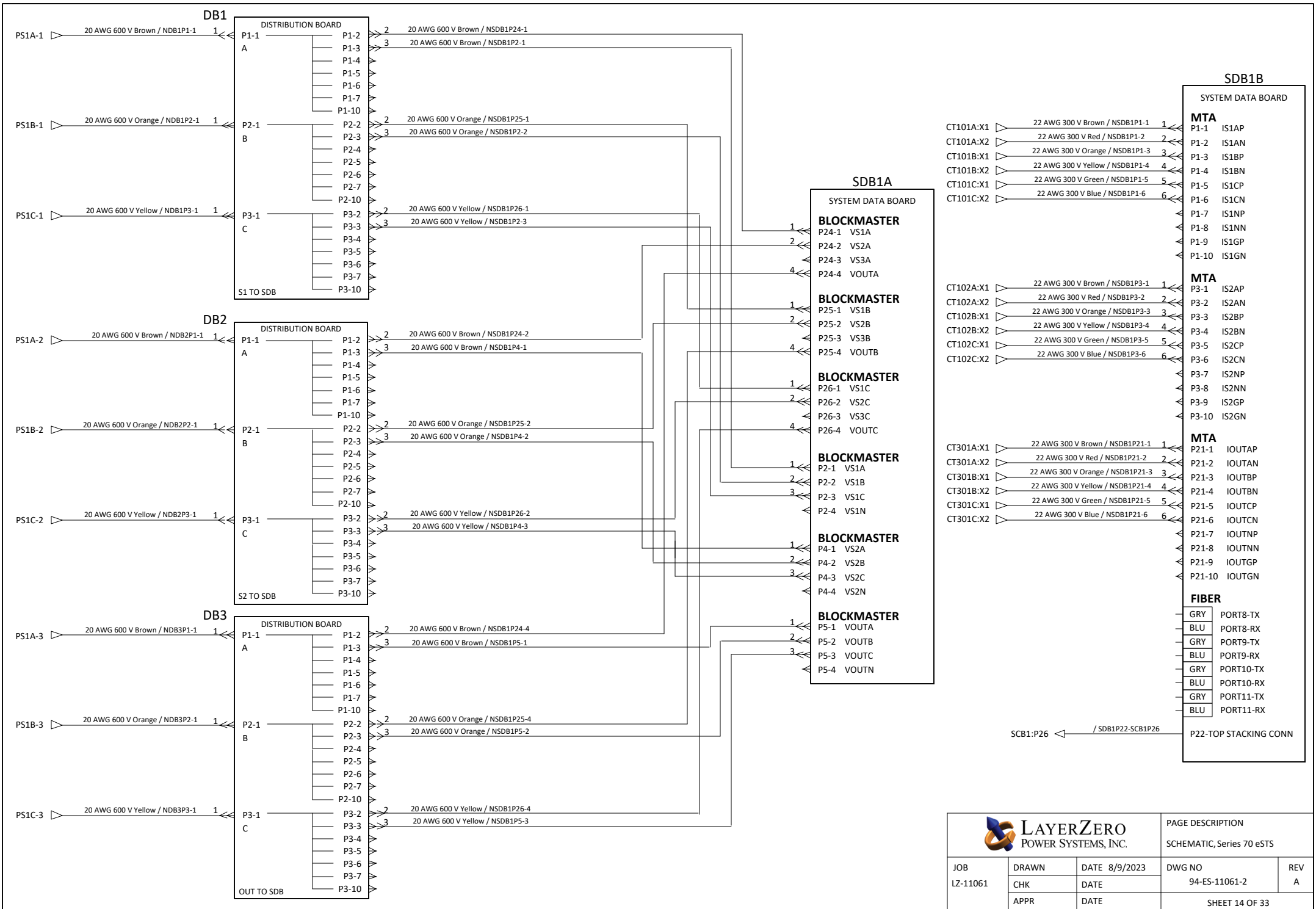


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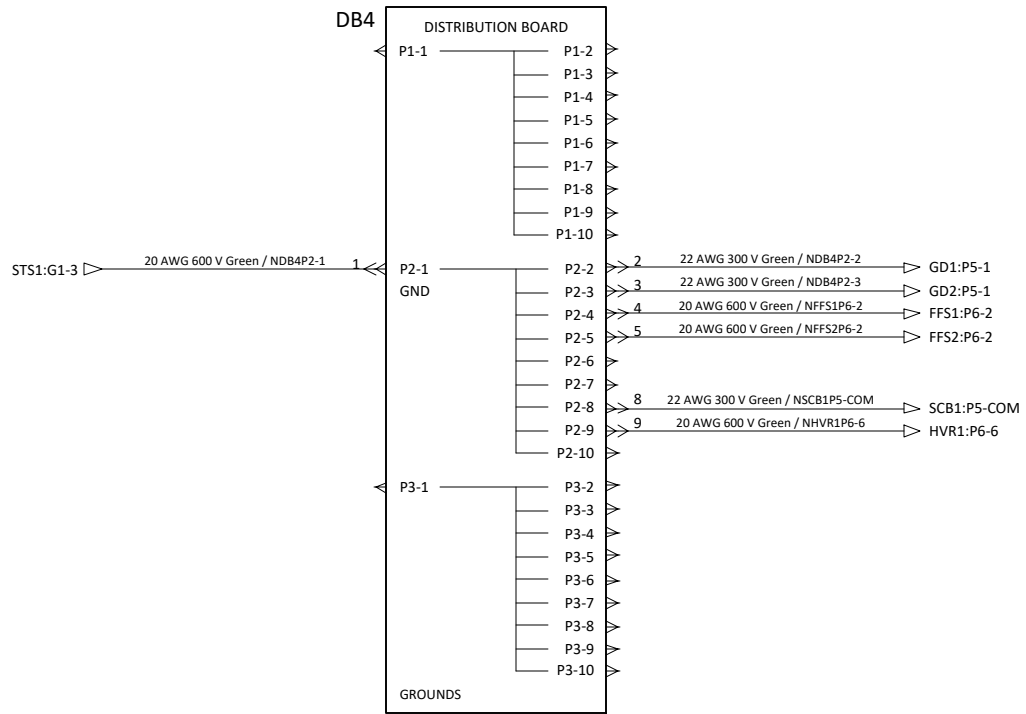


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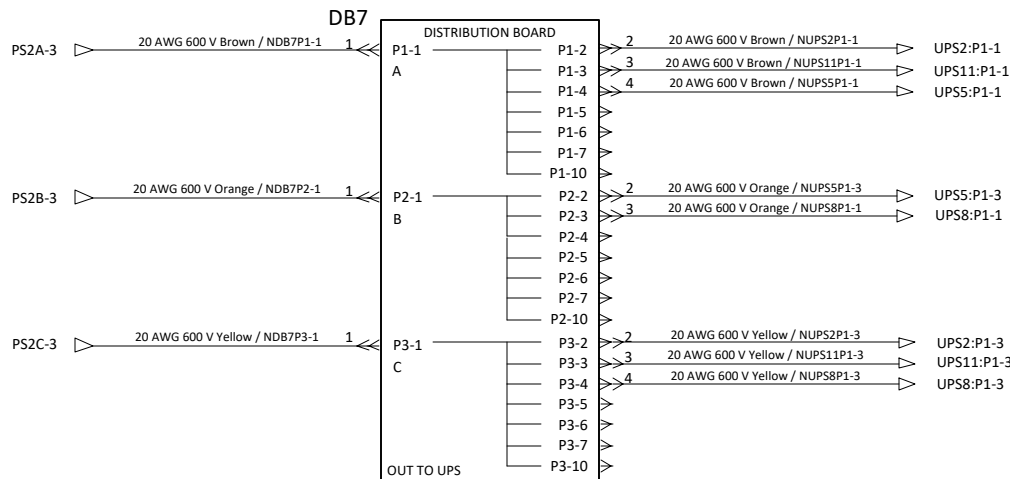
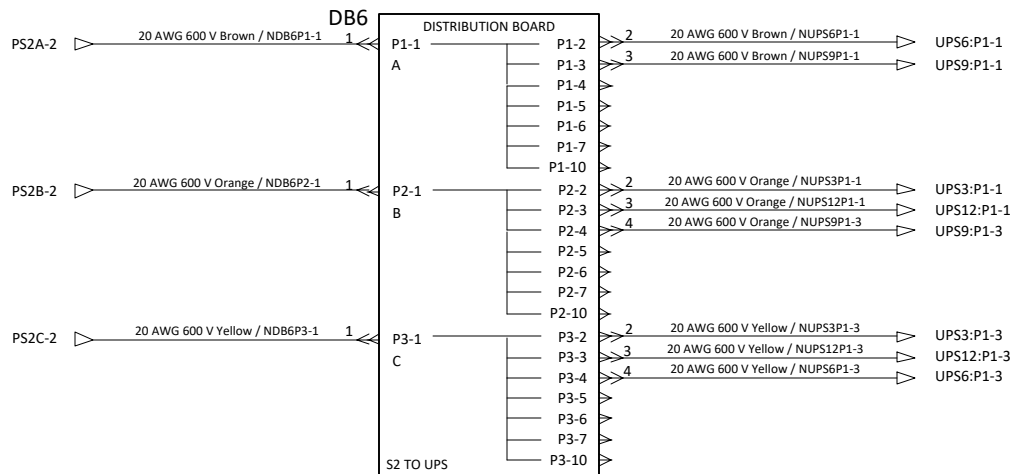
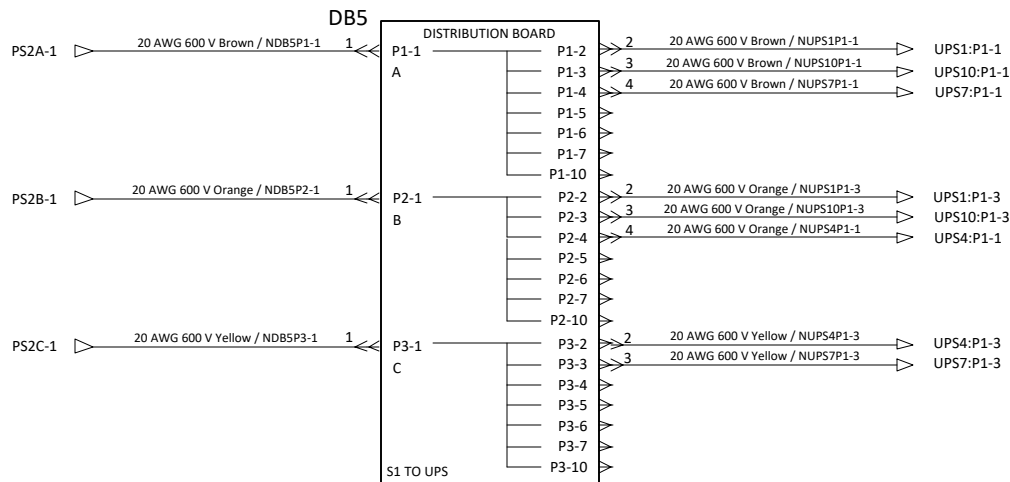


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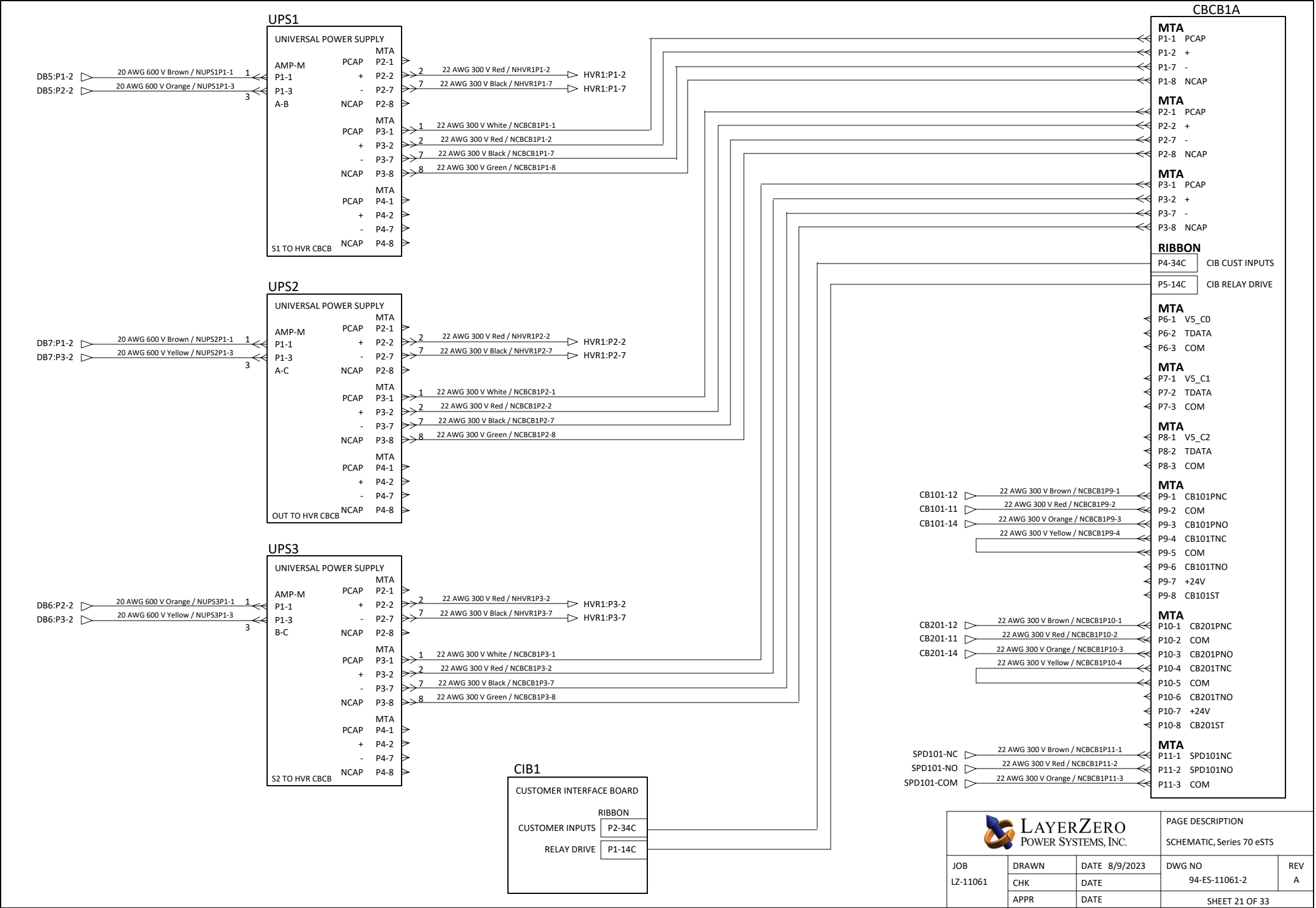
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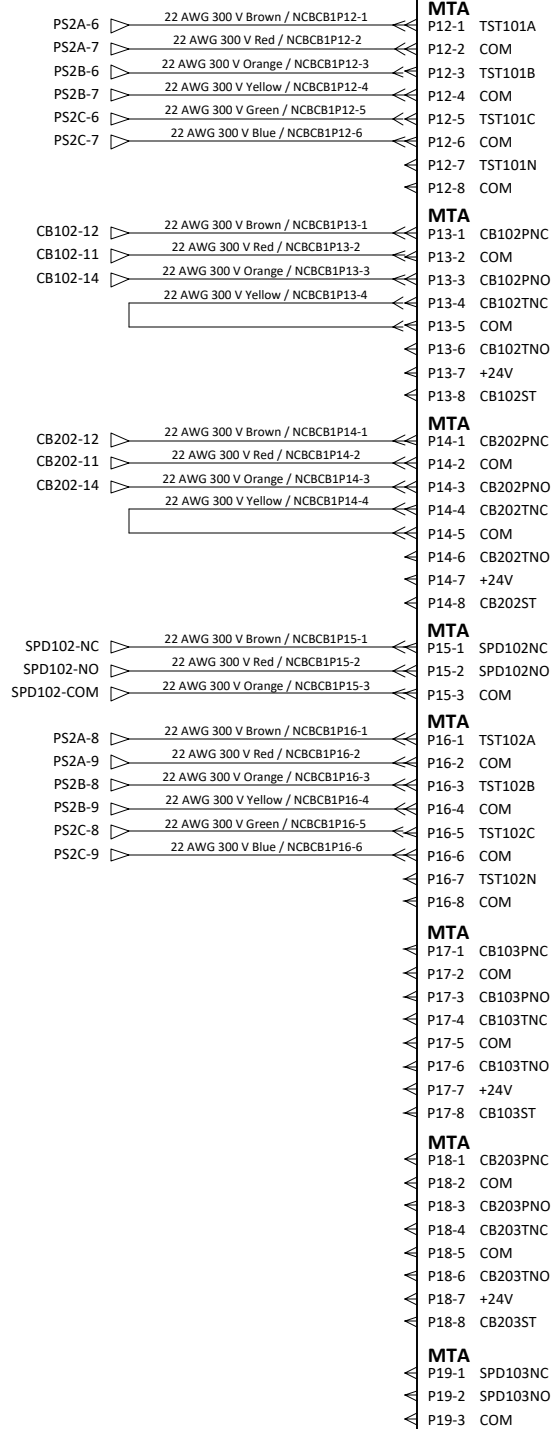
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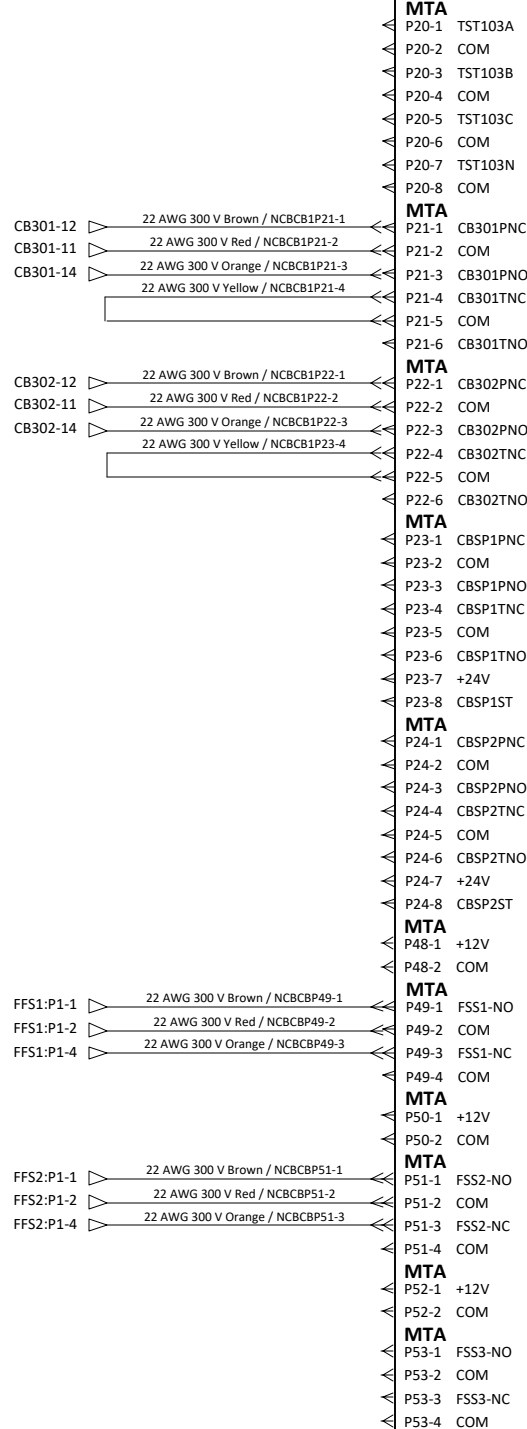


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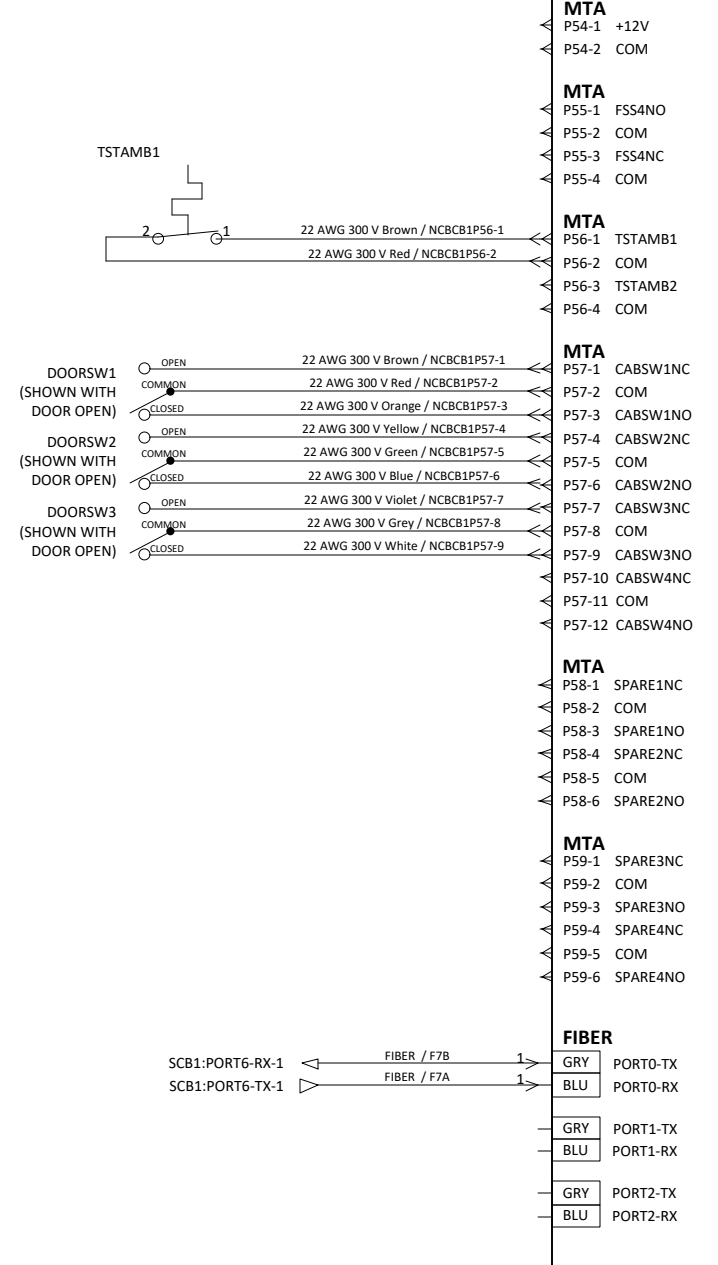
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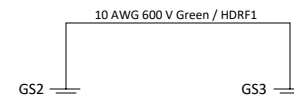
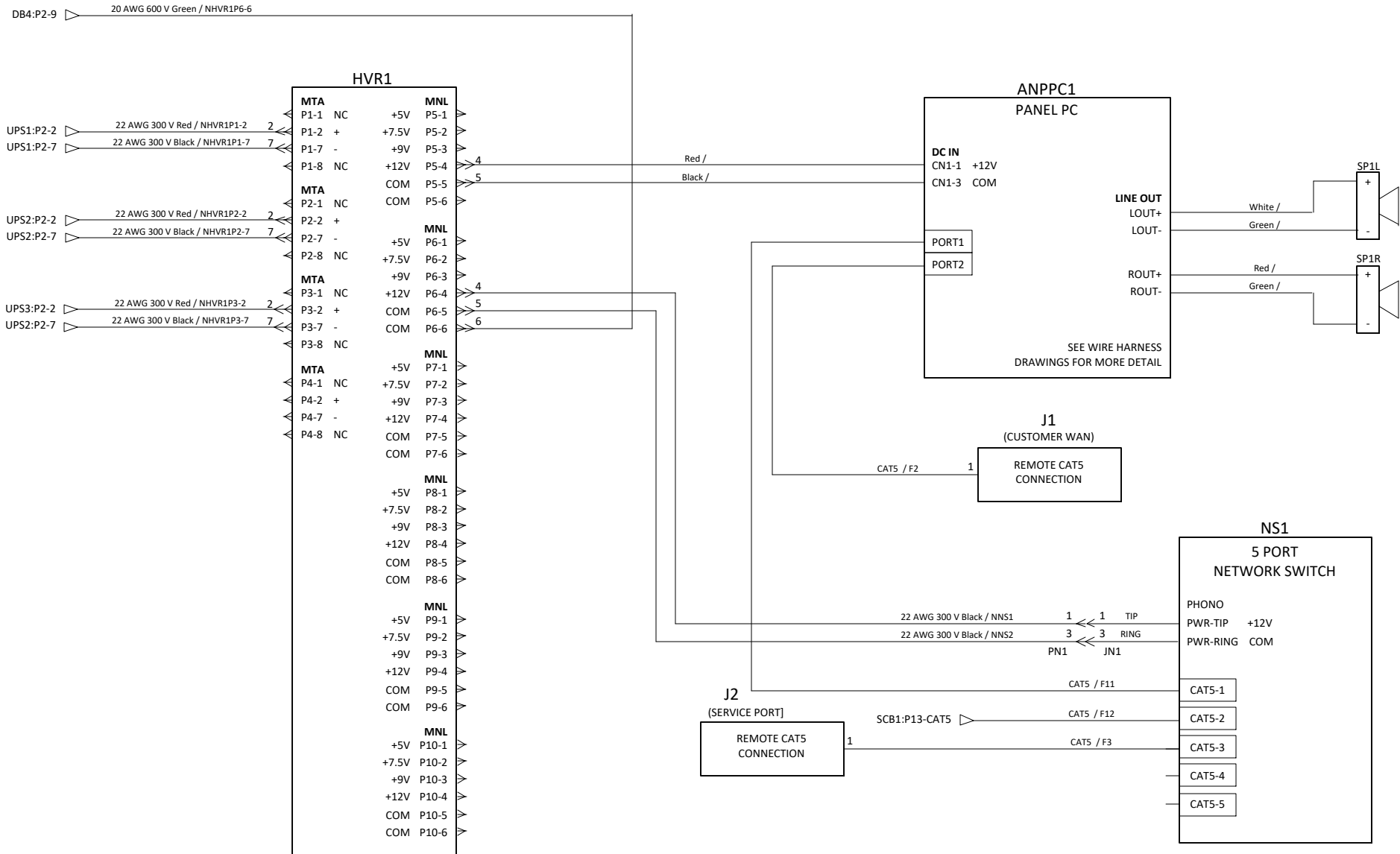
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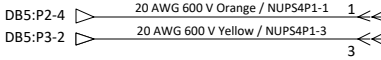
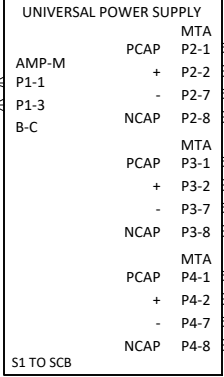


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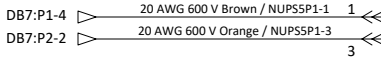
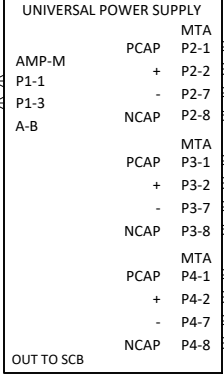


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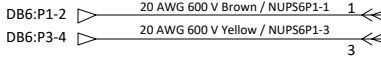
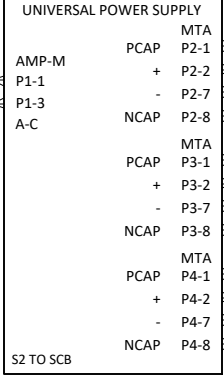
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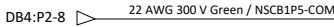
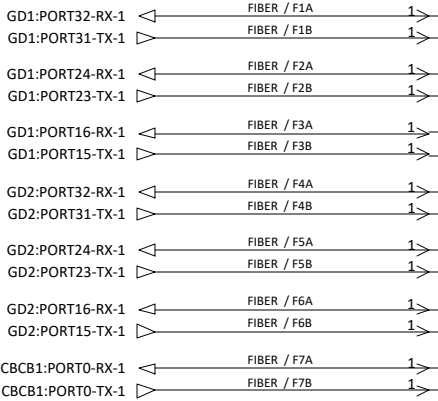
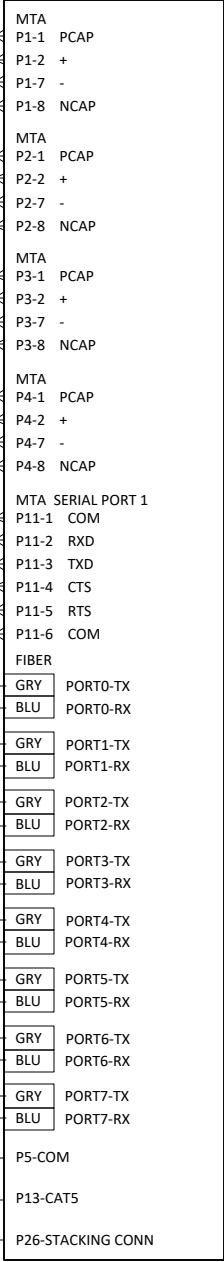
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UPS6



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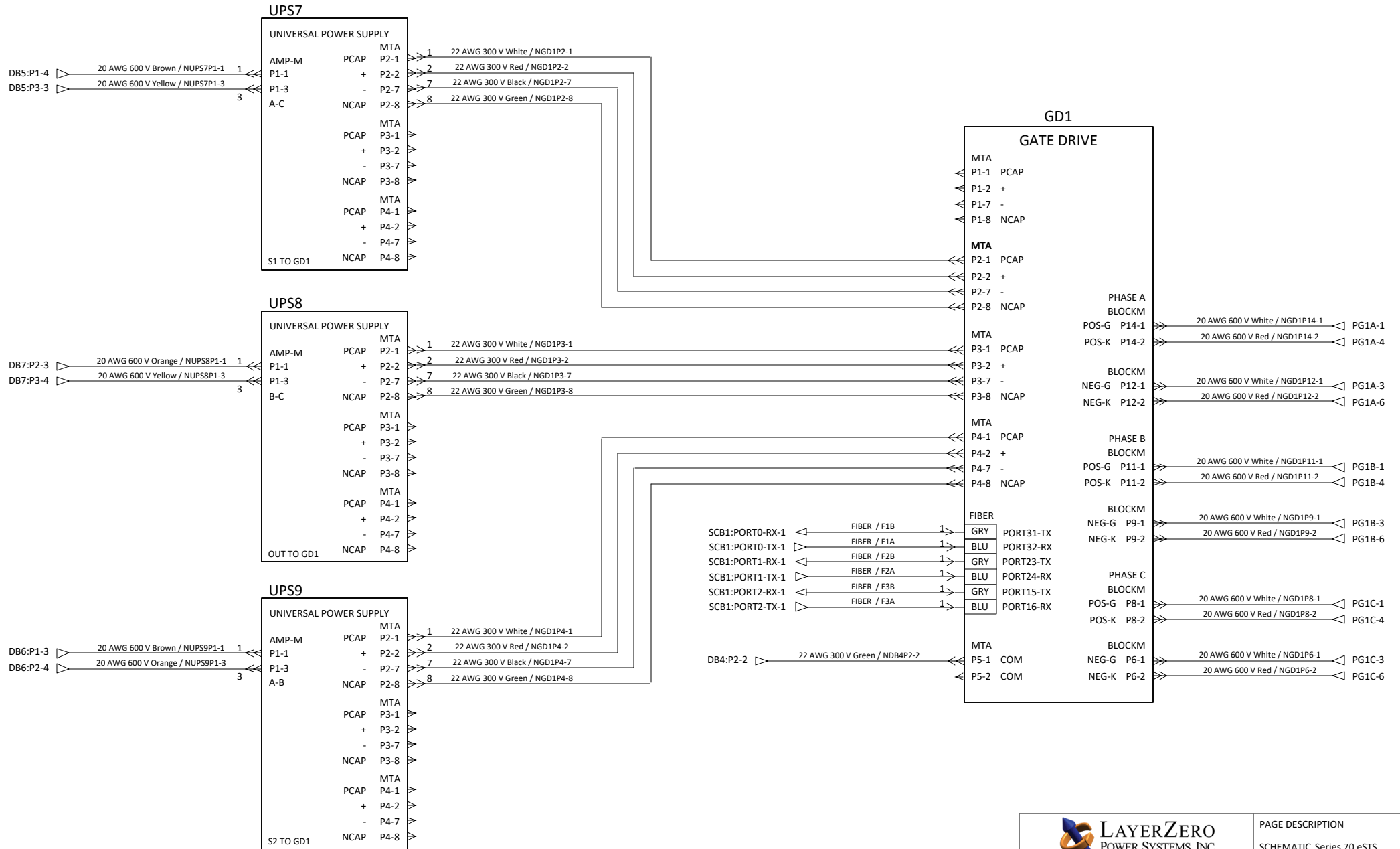


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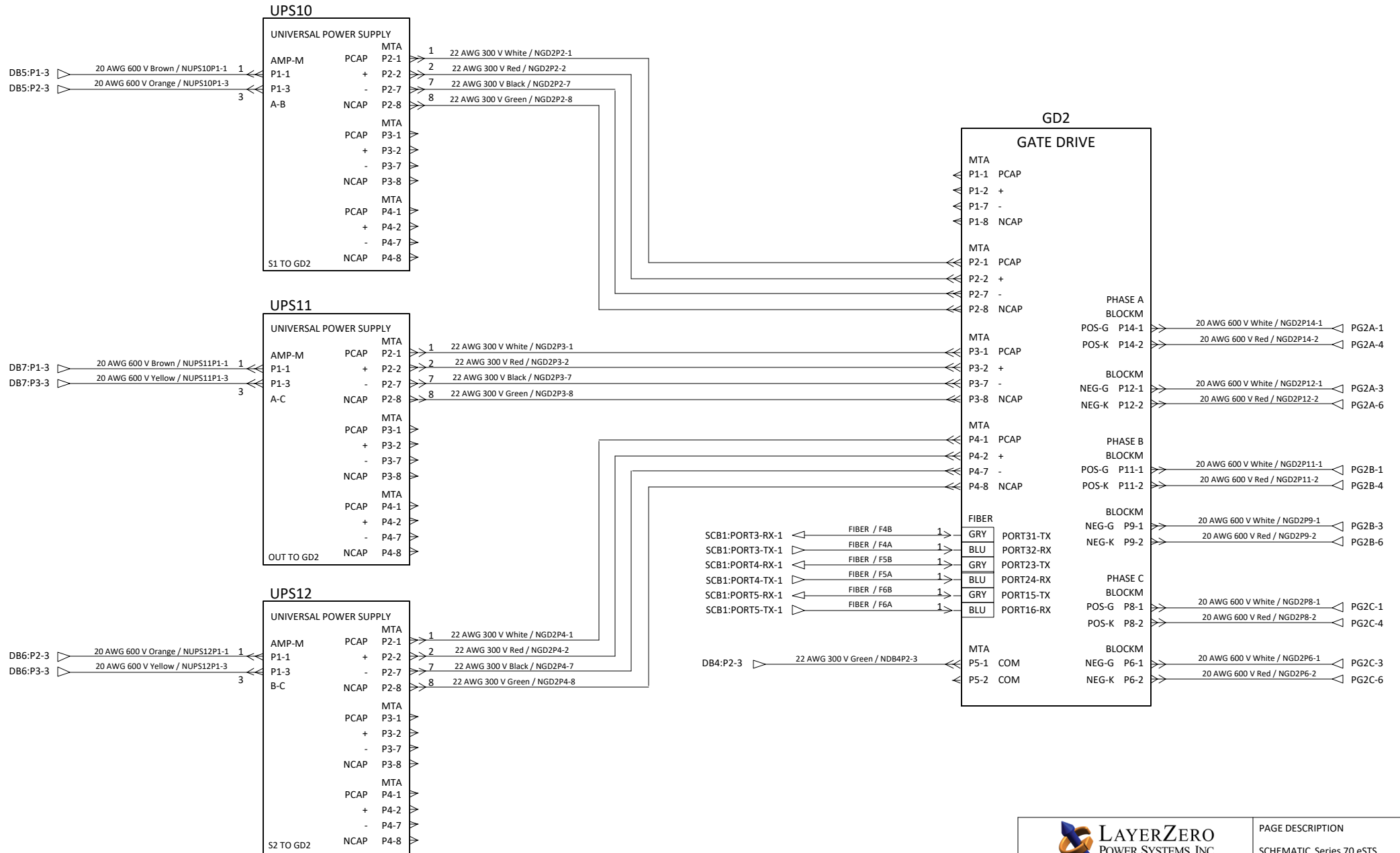
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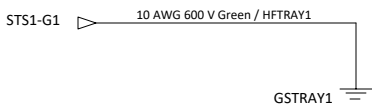
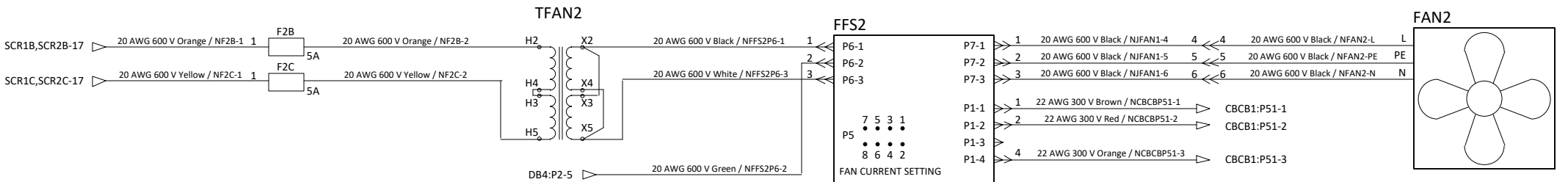
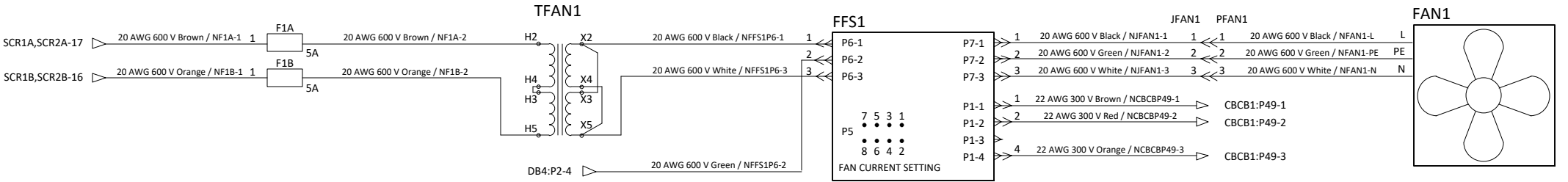


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