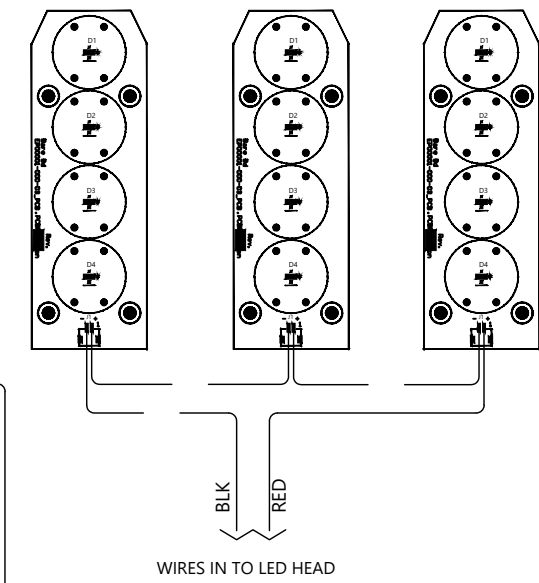
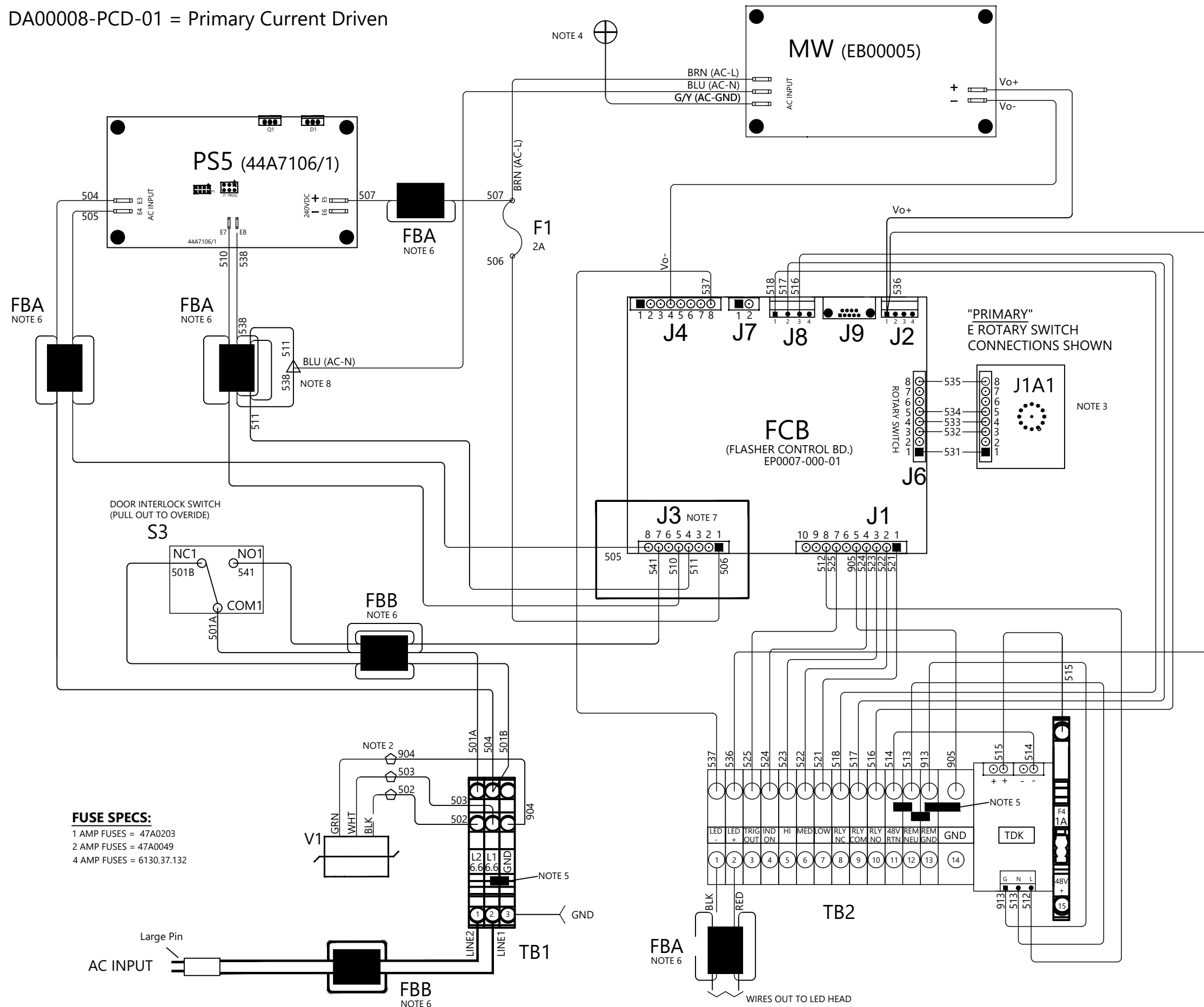
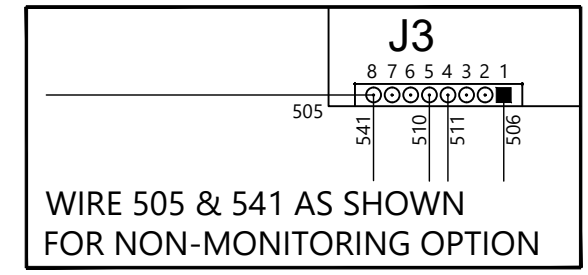


DA00008-PCD-01 = Primary Current Driven

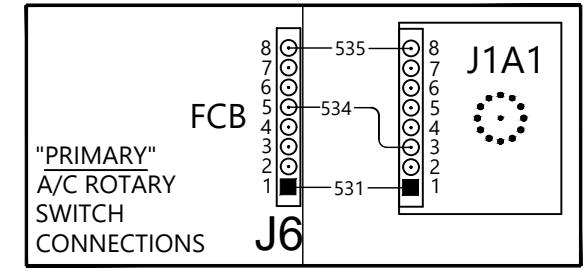


THE LIGHT ENGINES AND WIRES 701A / B ENGINES ARE INCLUDED IN THE AS00007-00-01 ASSEMBLY.

DETAIL "A" (NOTE 7)



DETAIL "B" (NOTE 3)



FUSE SPECS:

- 1 AMP FUSES = 47A0203
- 2 AMP FUSES = 47A0049
- 4 AMP FUSES = 6130.37.132

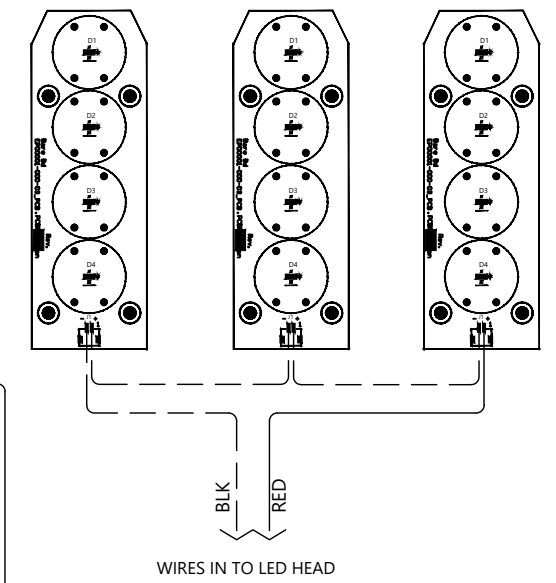
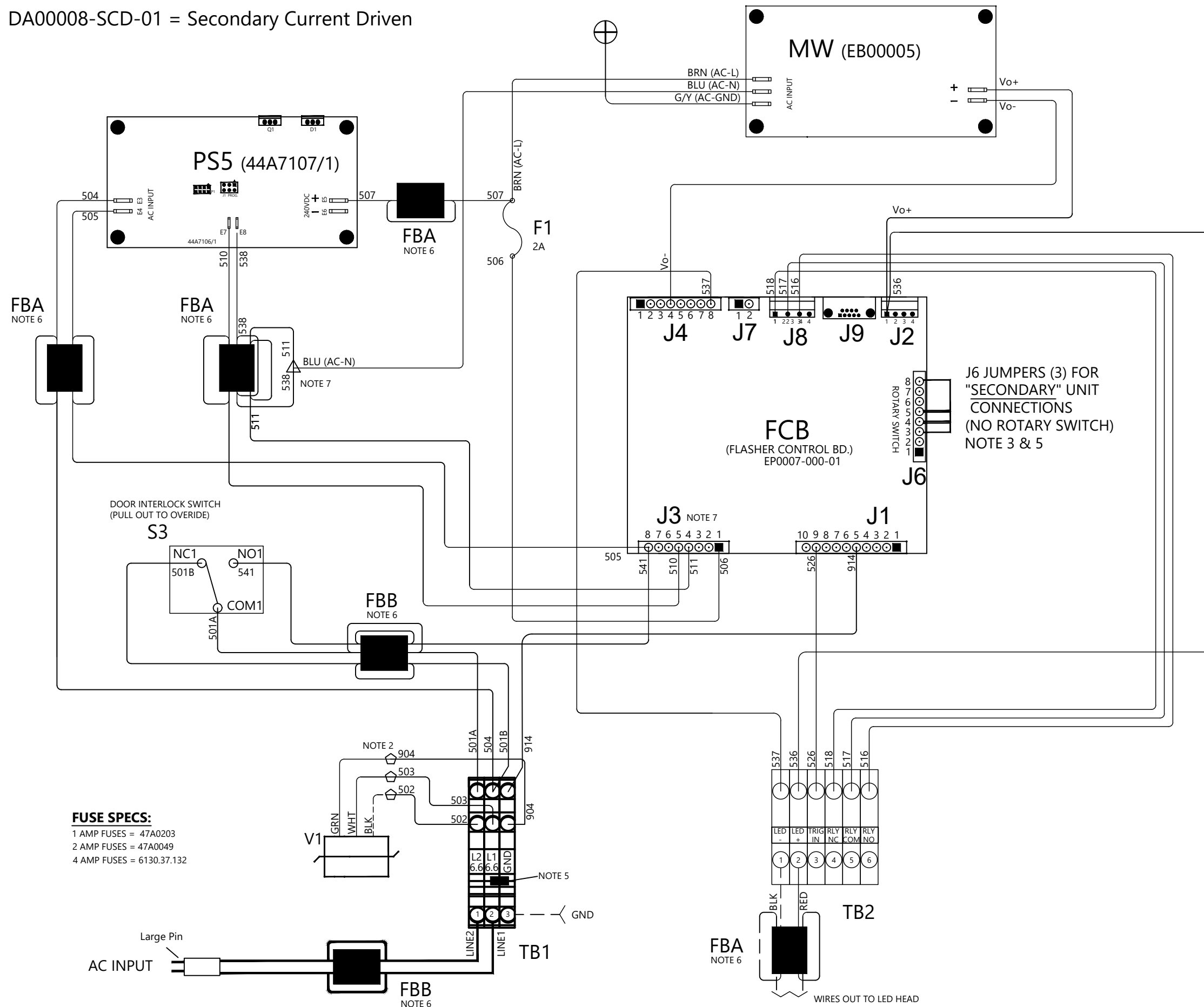
SHEET 1 NOTES:

- 1) ALL PART SUBSTITUTIONS MUST BE APPROVED BY ADB ENGINEERING.
- 2) ALL JUNCTIONS MARKED WITH \square ARE WIRES JOINED OR CAPPED OFF WITH INSULATED CRIMP-ON WIRE SPLICE. DOOR GND WIRE (915) IS PROVIDED WITH WIRE KIT BUT IS NOT SHOWN.
- 3) WIRING OF J6 CHANGES FOR SECONDARY(SLAVE) UNIT. SEE SHEET 2. ROTARY SWITCH CONNECTIONS FOR "A/C" STYLE SHOWN IN DETAIL "B"
- 4) CONNECT INPUT GROUND FOR EB00005 TO THE ADJACENT MOUNTING STUD FOR THE COMPONENT PANEL. USE 70A0289 RING TERMINAL
- 5) USE SUPPLIED JUMPERS TO CONNECT TERMINALS AS SHOWN
- 6) PLACE CLAMP ON FERRITE ON WIRES WHERE INDICATED. PASS EACH WIRE THROUGH ONE LOOP IN FERRITE. "FBA" = EL00001 (FAIR-RITE 043167251 OR EQUIVALENT)
"FBB" = EL00002 (FAIR-RITE 0431173551 OR EQUIVALENT)
- 7) WIRING OF J3 CHANGES WHEN NON-MONITORING OPTION IS USED. SEE DETAIL "A".
- 8) ALL JUNCTIONS MARKED WITH \triangle ARE WIRES JOINED BY 70A0671 CLAMP-ON WIRE SPLICES.

WIRE SPECS:
 500 SERIES = 18AWG, 600V, 105C, WHITE
 701A = 20AWG, 600V, 105C, RED
 900 SERIES = 18AWG, 600V, 105C, GREEN/YELLOW
 701B = 20AWG, 600V, 105C, BLACK

REV LEVEL	ECO NUMBER	REVISION HISTORY DESCRIPTIONS	DRAWN BY	REV DATE
---	---	---	---	---
H	ECP-1357	SHOW 120/240VAC INPUT VOLTAGE WIRING (SHT6)	JEG	17MAY24
G	ECP1220	Update ferrite ID (sht 1,2,4,5) and line 914 (sht 2)	NRJ	02FEB24
F	INC560	Updates to the input wiring	TM	03MAR21
E	INC473	Updated from first build notes	TM	21AUG20

DA00008-SCD-01 = Secondary Current Driven



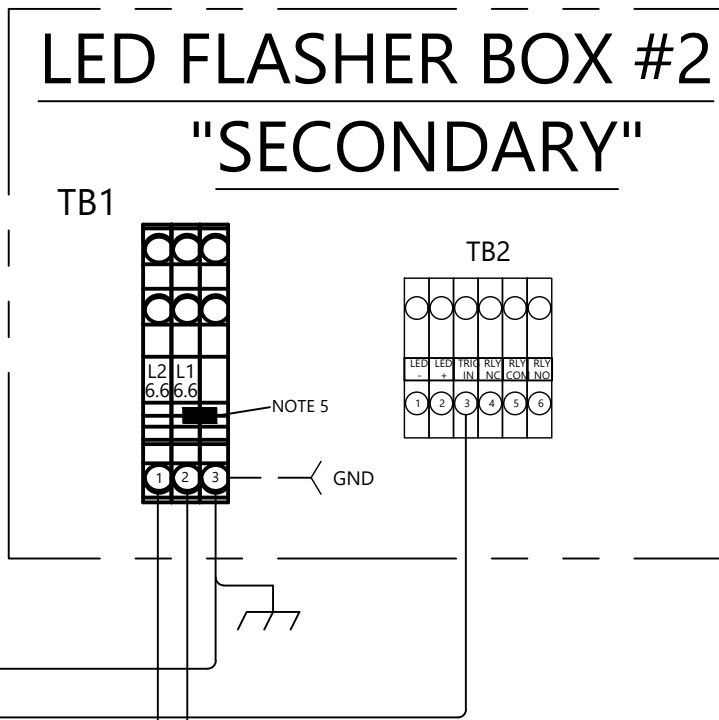
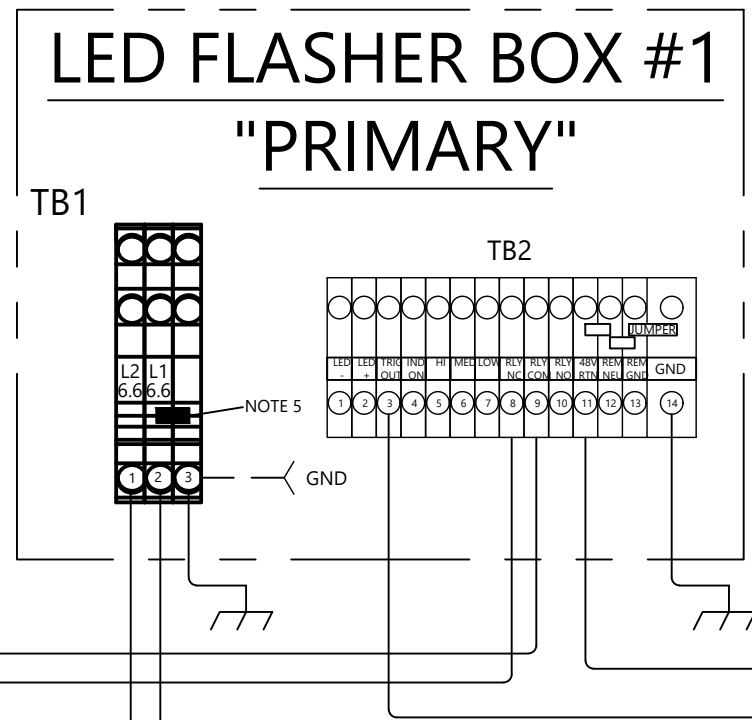
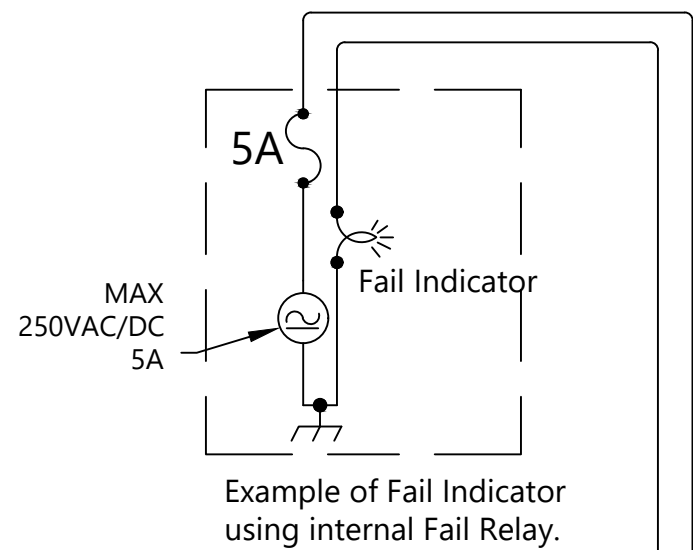
THE LIGHT ENGINES AND WIRES 701A / B ENGINES ARE INCLUDED IN THE AS00007-00-01 ASSEMBLY.

FUSE SPECS:
 1 AMP FUSES = 47A0203
 2 AMP FUSES = 47A0049
 4 AMP FUSES = 6130.37.132

- SHEET 2 NOTES:**
- 1) ALL PART SUBSTITUTIONS MUST BE APPROVED BY ADB ENGINEERING.
 - 2) ALL JUNCTIONS MARKED WITH ARE WIRES JOINED OR CAPPED OFF WITH INSULATED CRIMP-ON WIRE SPLICE. DOOR GND WIRE (915) IS PROVIDED WITH WIRE KIT BUT IS NOT SHOWN.
 - 3) WIRING OF J6 CHANGES FOR PRIMARY (MASTER) UNIT.
 - 4) CONNECT INPUT GROUND FOR EB00005 TO THE ADJACENT MOUNTING STUD FOR THE COMPONENT PANEL. USE 70A0289 RING TERMINAL.
 - 5) J6 JUMPERS ARE 18AWG, 600V, 105C, WHITE AND SHOULD COME POPULATED IN MATING PLUG FOR CONNECTOR WITH EW00026-SCD-01 WIRE HARNESS
 - 6) PLACE CLAMP ON FERRITE ON WIRES WHERE INDICATED. PASS EACH WIRE THROUGH ONE LOOP IN FERRITE. "FBA" = EL00001 (FAIR-RITE 0443167251 OR EQUIVALENT)
"FBB" = EL00002 (FAIR-RITE 0431173551 OR EQUIVALENT)
 - 7) ALL JUNCTIONS MARKED WITH ARE WIRES JOINED BY 70A0671 CLAMP-ON WIRE SPLICES.

WIRE SPECS:
 500 SERIES = 18AWG, 600V, 105C, WHITE
 900 SERIES = 18AWG, 600V, 105C, GREEN/YELLOW
 701A = 20AWG, 600V, 105C, RED
 701B = 20AWG, 600V, 105C, BLACK

REV LEVEL	ECO NUMBER	REVISION HISTORY DESCRIPTIONS	DRAWN BY	REV DATE
---	---	---	---	---
H	ECP-1357	SHOW 120/240VAC INPUT VOLTAGE WIRING (SHT6)	JEG	17MAY24
G	ECP1220	Update ferrite ID (sht 1,2,4,5) and line 914 (sht 2)	NRJ	02FEB24
F	INC560	Updates to the input wiring	TM	03MAR21
E	INC473	Updated from first build notes	TM	21AUG20



ISOLATION TX:
 A/E STYLE = 100W, 6.6A
 C STYLE = 30/45W, 6.6A

ISOLATION TX:
 A/E STYLE = 100W, 6.6A
 C STYLE = 30/45W, 6.6A

- SHEET 3 NOTES:**
- 1) ALL PART SUBSTITUTIONS MUST BE APPROVED BY ADB ENGINEERING.
 - 2) GROUND EACH INDIVIDUAL CONTROL CABINET AT EXTERNAL EARTH GROUND LUG AS INDICATED IN INSTALLATION SECTION OF INSTRUCTION MANUAL.
 - 3) UNLESS OTHERWISE SPECIFIED, ALL WIRES ARE 16 AWG, 600V.

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INITIAL & DATE:	

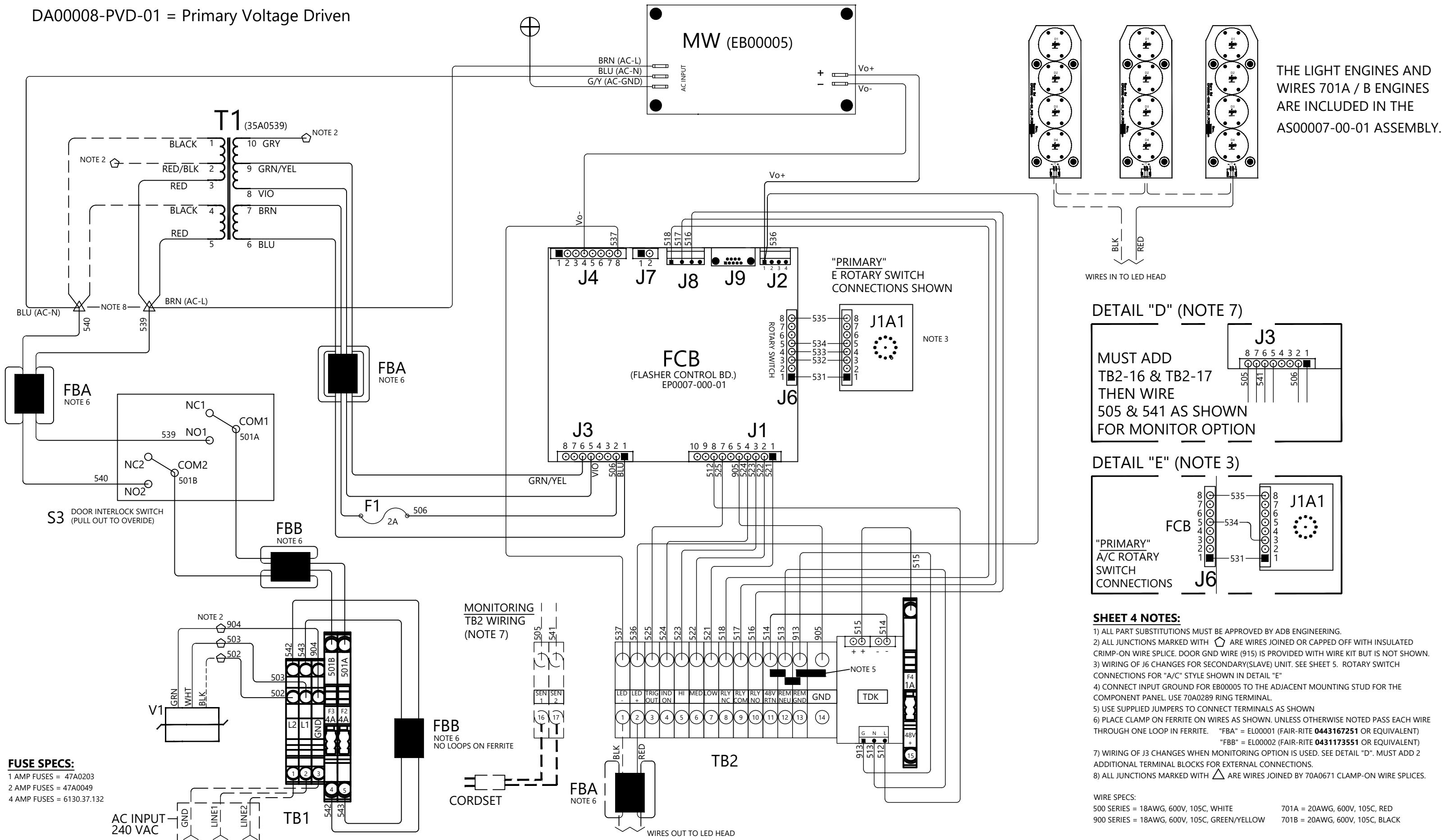
REV LEVEL	ECO NUMBER	REVISION HISTORY DESCRIPTIONS	DRAWN BY	REV DATE

H	ECP-1357	SHOW 120/240VAC INPUT VOLTAGE WIRING (SHT6)	JEG	17MAY24
G	ECP1220	Update ferrite ID (sht 1,2,4,5) and line 914 (sht 2)	NRJ	02FEB24
F	INC560	Updates to the input wiring	TM	03MAR21
E	INC473	Updated from first build notes	TM	21AUG20

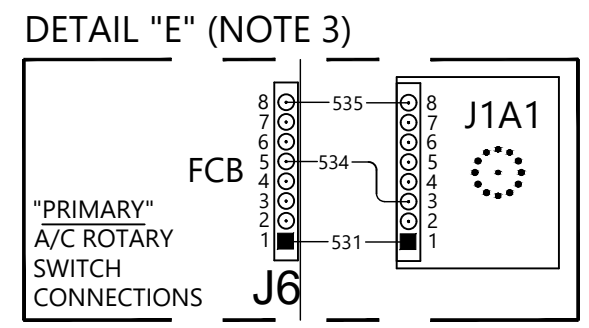
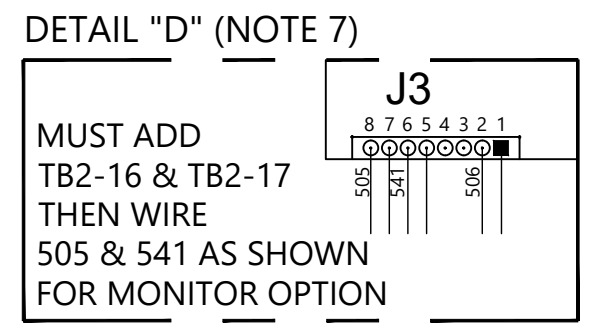
DRAWING TITLE:
 WIRING DIAGRAM, L-849, A/E & C
 L.E.D RUNWAY END IDENTIFICATION LIGHT (REIL)
 EXTERNAL WIRE CONNECTIONS

DRAWN BY: TRAVIS RAY MARRIOTT	ASSOCIATED DRAWINGS: EW00026-XXX-01 EP00007-000-01 AS00007-000-01	SCALE: N/A
DRAWN DATE: 30 MAY 2019		SHEET NUMBER: 3 OF 6
DRAWING NUMBER: DA00008-XXX-01		REV. H

DA00008-PVD-01 = Primary Voltage Driven



THE LIGHT ENGINES AND WIRES 701A / B ENGINES ARE INCLUDED IN THE AS00007-00-01 ASSEMBLY.



- SHEET 4 NOTES:**
- 1) ALL PART SUBSTITUTIONS MUST BE APPROVED BY ADB ENGINEERING.
 - 2) ALL JUNCTIONS MARKED WITH \square ARE WIRES JOINED OR CAPPED OFF WITH INSULATED CRIMP-ON WIRE SPLICE. DOOR GND WIRE (915) IS PROVIDED WITH WIRE KIT BUT IS NOT SHOWN.
 - 3) WIRING OF J6 CHANGES FOR SECONDARY(SLAVE) UNIT. SEE SHEET 5. ROTARY SWITCH CONNECTIONS FOR "A/C" STYLE SHOWN IN DETAIL "E"
 - 4) CONNECT INPUT GROUND FOR EB00005 TO THE ADJACENT MOUNTING STUD FOR THE COMPONENT PANEL. USE 70A0289 RING TERMINAL.
 - 5) USE SUPPLIED JUMPERS TO CONNECT TERMINALS AS SHOWN
 - 6) PLACE CLAMP ON FERRITE ON WIRES AS SHOWN. UNLESS OTHERWISE NOTED PASS EACH WIRE THROUGH ONE LOOP IN FERRITE. "FBA" = EL00001 (FAIR-RITE **0443167251** OR EQUIVALENT) "FBB" = EL00002 (FAIR-RITE **0431173551** OR EQUIVALENT)
 - 7) WIRING OF J3 CHANGES WHEN MONITORING OPTION IS USED. SEE DETAIL "D". MUST ADD 2 ADDITIONAL TERMINAL BLOCKS FOR EXTERNAL CONNECTIONS.
 - 8) ALL JUNCTIONS MARKED WITH \triangle ARE WIRES JOINED BY 70A0671 CLAMP-ON WIRE SPLICES.
- WIRE SPECS:
 500 SERIES = 18AWG, 600V, 105C, WHITE
 701A = 20AWG, 600V, 105C, RED
 900 SERIES = 18AWG, 600V, 105C, GREEN/YELLOW
 701B = 20AWG, 600V, 105C, BLACK

FUSE SPECS:
 1 AMP FUSES = 47A0203
 2 AMP FUSES = 47A0049
 4 AMP FUSES = 6130.37.132



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INITIAL & DATE:

REV LEVEL	ECO NUMBER	REVISION HISTORY DESCRIPTIONS	DRAWN BY	REV DATE
H	ECP-1357	SHOW 120/240VAC INPUT VOLTAGE WIRING (SHT6)	JEG	17MAY24
G	ECP1220	Update ferrite ID (sht 1,2,4,5) and line 914 (sht 2)	NRJ	02FEB24
F	INC560	Updates to the input wiring	TM	03MAR21
E	INC473	Updated from first build notes	TM	21AUG20

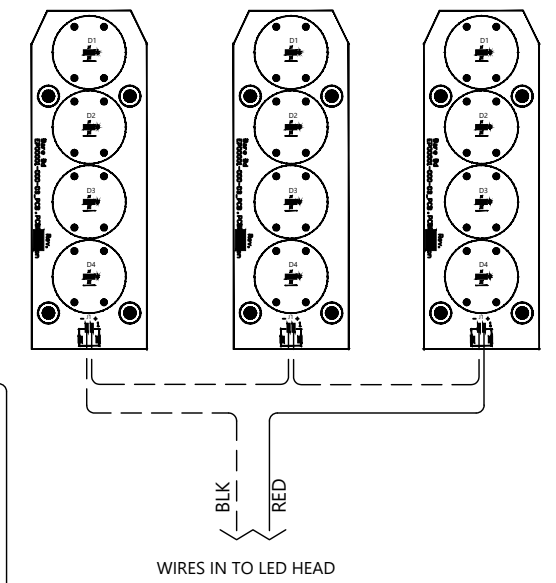
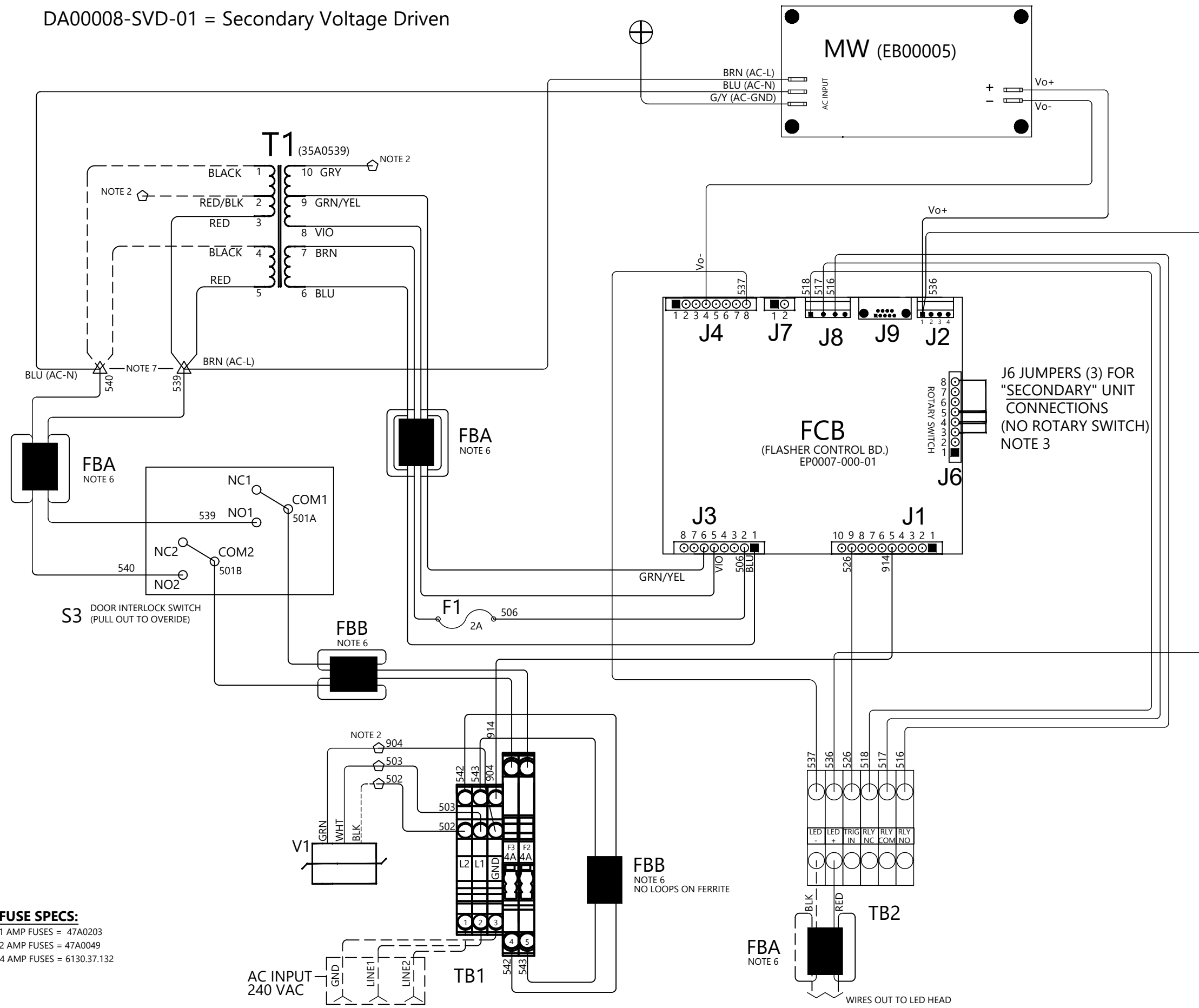
DRAWING TITLE:
WIRING DIAGRAM, L-849, A/E & C L.E.D RUNWAY END IDENTIFICATION LIGHT (REIL) INTERNAL WIRE CONNECTIONS

DRAWN BY: TRAVIS RAY MARRIOTT
 DRAWN DATE: 30 MAY 2019
 DRAWING NUMBER: DA00008-XXX-01

ASSOCIATED DRAWINGS:
 EW00026-XXX-01
 EP00007-000-01
 AS00007-000-01

SCALE: N/A
 SHEET NUMBER: 4 OF 6
 REV: H

DA00008-SVD-01 = Secondary Voltage Driven



SHEET 5 NOTES:

- 1) ALL PART SUBSTITUTIONS MUST BE APPROVED BY ADB ENGINEERING.
- 2) ALL JUNCTIONS MARKED WITH \square ARE WIRES JOINED OR CAPPED OFF WITH INSULATED CRIMP-ON WIRE SPLICE. DOOR GND WIRE (915) IS PROVIDED WITH WIRE KIT BUT IS NOT SHOWN.
- 3) WIRING OF J6 CHANGES FOR PRIMARY (MASTER) UNIT.
- 4) CONNECT INPUT GROUND FOR EB00005 TO THE ADJACENT MOUNTING STUD FOR THE COMPONENT PANEL. USE 70A0289 RING TERMINAL.
- 5) J6 JUMPERS ARE 18AWG, 600V, 105C, WHITE AND SHOULD COME POPULATED IN MATING PLUG FOR CONNECTOR WITH EW00026-SVD-01 WIRE HARNESS
- 6) PLACE CLAMP ON FERRITE ON WIRES AS SHOWN. UNLESS OTHERWISE NOTED PASS EACH WIRE THROUGH ONE LOOP IN FERRITE. "FBA" = EL00001 (FAIR-RITE **0443167251** OR EQUIVALENT) "FBB" = EL00002 (FAIR-RITE **0431173551** OR EQUIVALENT)
- 7) ALL JUNCTIONS MARKED WITH \triangle ARE WIRES JOINED BY 70A0671 CLAMP-ON WIRE SPLICES.

WIRE SPECS:
 500 SERIES = 18AWG, 600V, 105C, WHITE
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 701A = 20AWG, 600V, 105C, RED
 701B = 20AWG, 600V, 105C, BLACK

FUSE SPECS:
 1 AMP FUSES = 47A0203
 2 AMP FUSES = 47A0049
 4 AMP FUSES = 6130.37.132

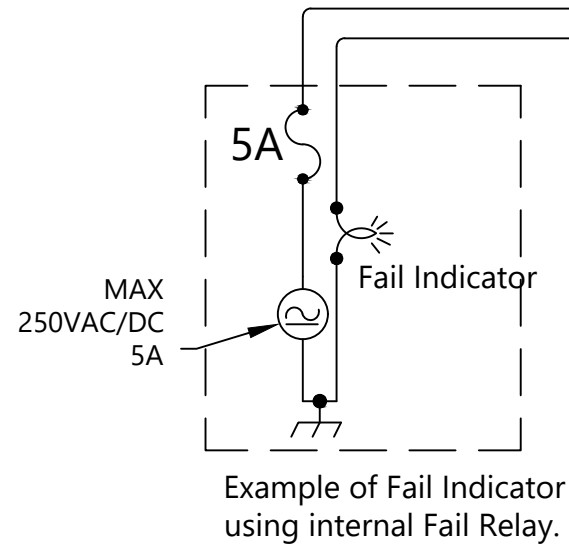
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 INITIAL & DATE:

REV LEVEL	ECO NUMBER	REVISION HISTORY DESCRIPTIONS	DRAWN BY	REV DATE
---	---	---	---	---
H	ECP-1357	SHOW 120/240VAC INPUT VOLTAGE WIRING (SHT6)	JEG	17MAY24
G	ECP1220	Update ferrite ID (sht 1,2,4,5) and line 914 (sht 2)	NRJ	02FEB24
F	INC560	Updates to the input wiring	TM	03MAR21
E	INC473	Updated from first build notes	TM	21AUG20

DRAWING TITLE:
WIRING DIAGRAM, L-849, A/E & C L.E.D RUNWAY END IDENTIFICATION LIGHT (REIL) INTERNAL WIRE CONNECTIONS

DRAWN BY: TRAVIS RAY MARRIOTT
 DRAWN DATE: 30 MAY 2019
 DRAWING NUMBER: DA00008-XXX-01
 ASSOCIATED DRAWINGS: EW00026-XXX-01, EP00007-000-01, AS00007-000-01
 SCALE: N/A
 SHEET NUMBER: 5 OF 6
 REV: H

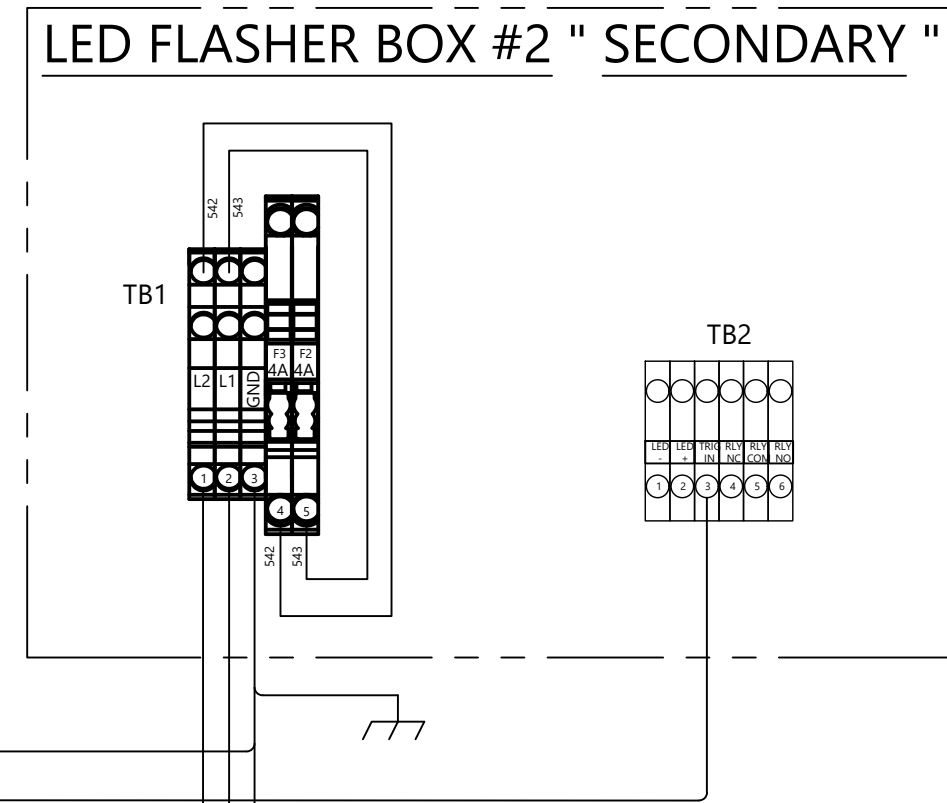
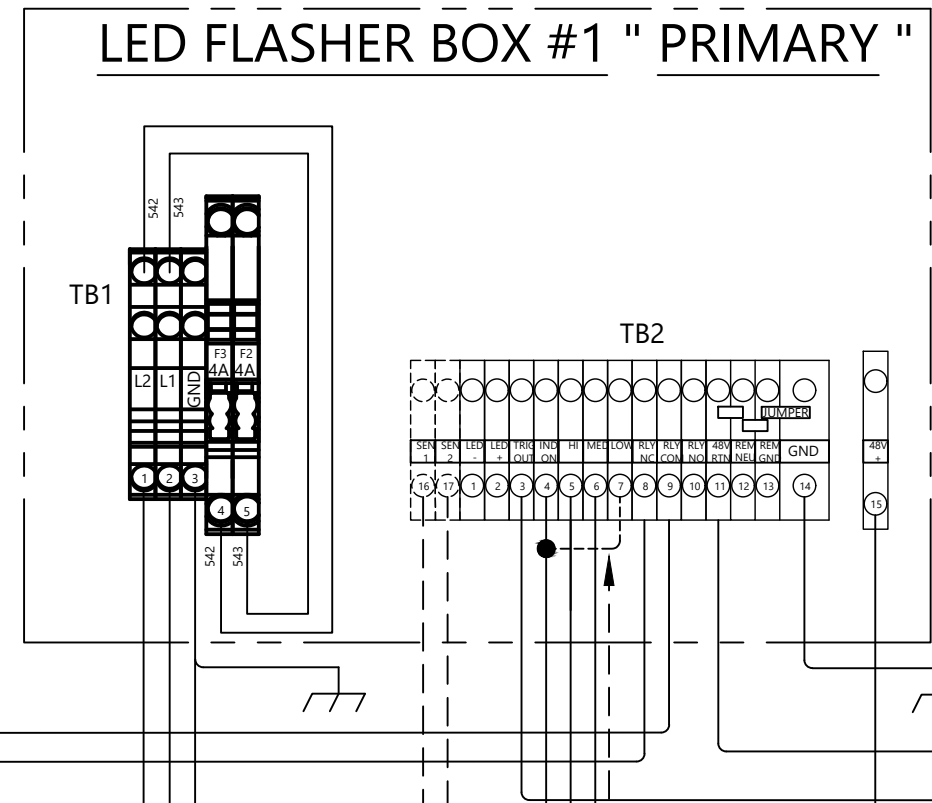


SHEET 6 NOTES:

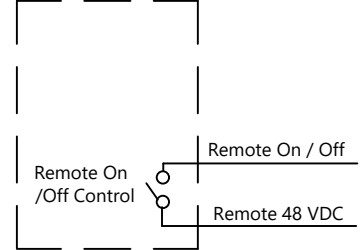
- 1) ALL PART SUBSTITUTIONS MUST BE APPROVED BY ADB ENGINEERING.
- 2) GROUND EACH INDIVIDUAL CONTROL CABINET AT EXTERNAL EARTH GROUND LUG AS INDICATED IN INSTALLATION SECTION OF INSTRUCTION MANUAL.
- 3) TB1 TERMINAL BLOCKS 18 & 19 ADDED FOR "MONITORING" OPTION ONLY.
- 4) UNLESS OTHERWISE SPECIFIED, ALL WIRES ARE 16 AWG, 600V.
- 5) OPTIONAL CURRENT SENSING CONNECTION, L-830-1 (6.6A) OR L-831-2 (20A)

NOTE 5

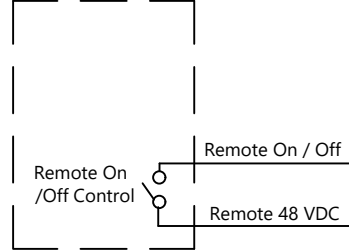
"L-849A" DOES NOT USE JUMPER



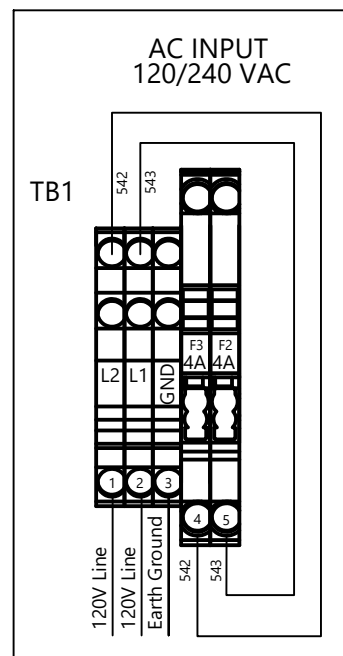
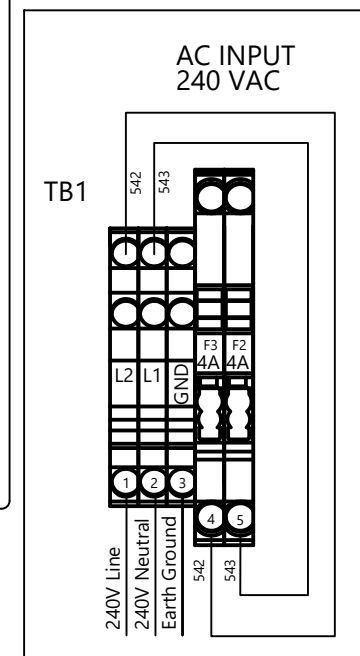
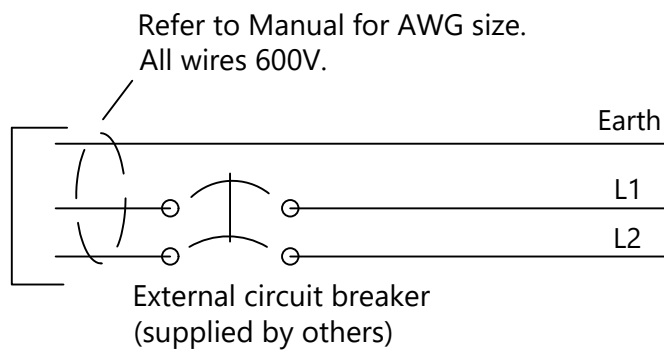
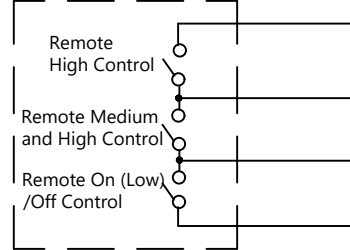
L-849C (Low Intensity) SWITCH WIRING



L-849A (Hi Intensity) SWITCH WIRING



L-849E SWITCH WIRING



(H)

REV LEVEL	ECO NUMBER	REVISION HISTORY DESCRIPTIONS	DRAWN BY	REV DATE

H	ECP-1357	SHOW 120/240VAC INPUT VOLTAGE WIRING (SHT6)	JEG	17MAY24
G	ECP1220	Update ferrite ID (sht 1,2,4,5) and line 914 (sht 2)	NRJ	02FEB24
F	INC560	Updates to the input wiring	TM	03MAR21
E	INC473	Updated from first build notes	TM	21AUG20