

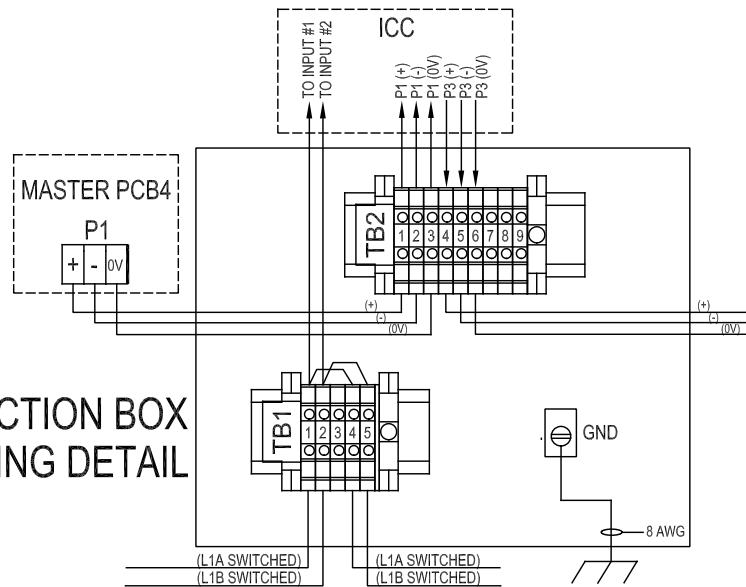
**18 PAR 56 LAMPS OR UP TO 45 PAR 38 LAMPS**

- MAY ALSO INCLUDE IN-PAVEMENT MALSR FIXTURES ACCORDING TO FAA-E-2952 (ALSF) OR FAA-E-2968 (MALSR).
- THESE FIXTURES ARE CONNECTED VIA A MATCHING VOLTAGE-VOLTAGE TX.

**NOTES:**

1. REMOTE POWER SOURCE IS EITHER 120 VAC, +48VDC, OR +24VDC DEPENDING ON OPTION ORDERED WITH MASTER CONTROL CABINET. REMOTE POWER MAY ALSO BE EXTERNALLY SOURCED.
2. FIRST COLOR IS FOR CABLE 89A0290/5 (ALPHA WIRE # 65405CY). SECOND COLOR, IN PARENTHESIS, IS FOR CABLE 6104.22.820, 5C+SHIELD, 14AWG, 600V.  
FOR FIXTURE TO FCU LINE LENGTH UP TO 131 FT (40m), USE 14 AWG WIRE.  
- FOR FIXTURE TO FCU LINE LENGTH UP TO 213 FT (65m), USE 12 AWG WIRE.  
- FOR FIXTURE TO FCU LINE LENGTH UP TO 328 FT (100m), USE 10 AWG WIRE.  
- FOR FIXTURE TO FCU LINE LENGTH UP TO 393 FT (120m), USE 8 AWG WIRE.
3. SERIAL COMMUNICATION WIRING BETWEEN MASTER AND EACH ICC MUST BE MANHATTAN WIRE M8628010, 18AWG, TRIAD, SHIELDED, 600V CABLE or ADB-APPROVED EQUAL.
4. LAST INDIVIDUAL CONTROL CABINET (FARTHEST FROM MASTER) WILL NOT HAVE ANY WIRES CONNECTED TO P3.

**JUNCTION BOX WIRING DETAIL**



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|  |  |  |  | ADB Airfield Solutions<br>977 Gahanna Parkway, Columbus, Ohio 43230<br>Telephone: 614-861-1304, Fax: 614-864-2069               |  |  |  |
|  |  |  |  | DRAWING TITLE:<br><b>EXTERNAL WIRING DIAGRAM,<br/>400V SEQUENCED FLASHER<br/>SYSTEM - FAA MALSR</b>                             |  |  |  |
|  |  |  |  | SCALE: N/A SHEET NUMBER: 1 OF 1   |  |  |  |
|  |  |  |  | <b>43A3511</b>  |  |  |  |
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