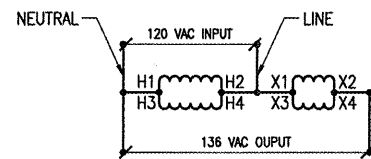


NOTE:  
CONFIRM WIRING WITH RESPECTIVE  
TRANSFORMER MFR.

120 VAC TO 132 VAC BOOST TRANSFORMER  
CONNECTION DIAGRAM FOR SQUARE D  
CAT. NO. 250SV43B OR CAT. NO. 500SV43B TRANSFORMER



NOTE:  
CONFIRM WIRING WITH RESPECTIVE  
TRANSFORMER MFR.

120 VAC TO 136 VAC BOOST TRANSFORMER  
CONNECTION DIAGRAM FOR SQUARE D  
CAT. NO. 250SV46B OR CAT. NO. 500SV46B TRANSFORMER

| LEGEND PLATE SCHEDULE  |   |
|--|---|
| DEVICE   | LEGEND PLATE LABEL  |
| LOW VOLTAGE PULL BOX<br>(PROVIDE LEGEND PLATE WITH<br>1/2" HIGH BLACK LETTERS<br>WHITE BACKGROUND)   | LOW VOLTAGE   |
| LOW VOLTAGE WIREWAY<br>(PROVIDE 10 LEGEND PLATES<br>1/2" HIGH BLACK LETTERS<br>WHITE BACKGROUND)     | LOW VOLTAGE   |
| LIGHTING CONTACTOR PANEL<br>(SEE LIGHTING CONTACTOR<br>PANEL DETAIL FOR ADDITIONAL<br>LEGEND PLATES) | LIGHTING CONTACTOR PANEL FOR<br>AIRFIELD LIGHTING EQUIPMENT |
| BOOST TRANSFORMER FOR<br>WIND-TEE  | WIND-TEE  |
| BOOST TRANSFORMER FOR<br>AIRPORT ROTATING BEACON -<br>PHASE A  | BEACON - PHASE A  |
| TERMINAL PANEL FOR 50 PAIR<br>CONTROL CABLE LOCATED IN<br>VAULT                                      | TERMINAL PANEL<br>VAULT INTERFACE<br>TO ATCT                |
| TERMINAL PANEL FOR 50 PAIR<br>CONTROL CABLE LOCATED IN<br>NEW ATCT                                   | TERMINAL PANEL<br>ATCT INTERFACE<br>TO VAULT                |
| 48VDC PILOT CONTROL RELAY<br>PANEL #1  | PILOT CONTROL RELAY<br>PANEL #1<br>48VDC                    |
| 48VDC PILOT CONTROL RELAY<br>PANEL #2  | PILOT CONTROL RELAY<br>PANEL #2<br>48VDC                    |

NOTES

- LEGEND PLATES SHALL BE WEATHERPROOF ENGRAVED PLASTIC OR PHENOLIC MATERIAL, 1/4" HIGH BLACK LETTERS ON A WHITE BACKGROUND UNLESS NOTED OTHERWISE. SECURE WITH WEATHERPROOF ADHESIVE AND/OR MACHINE SCREWS. FURNISH ADDITIONAL LEGEND PLATES WHERE REQUIRED BY CODE, FOR ADDITIONAL EQUIPMENT, AS DETAILED HEREIN IN THE PLANS, AND AS NOTED IN THE SPECIAL PROVISION SPECIFICATIONS. WHERE EQUIPMENT/DEVICE DOES NOT HAVE SUFFICIENT SPACE FOR THE RESPECTIVE LEGEND PLATES INSTALL LEGEND PLATES ABOVE OR ADJACENT TO RESPECTIVE DEVICE.

| REVISION | DATE | BY |
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**SAINT LOUIS DOWNTOWN AIRPORT**  
A Division of Bi-State Development Agency  
A.I.P. PROJ.: 3-17-0039-B18  
IL PROJ.: CPS-3708

|                                    |                    |            |               |
|------------------------------------|--------------------|------------|---------------|
| Hanson Project No. 8450TELECD.0900 | Revision E-603.DWG | Scale NONE | Date 07/16/07 |
| LAYOUT                             | KNL                | 05/18/07   | 07/13/07      |
| DRAWN                              | CCC                | 05/18/07   |               |
| REVIEWED                           | CAH                |            |               |

**HANSON**  
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ATCT INTERFACE TO VAULT  
TRANSFORMER WIRING DIAGRAMS AND LEGEND PLATE SCHEDULE