



TYP. INTERFACE PANEL DETAIL

NOTES

1. ALL ELECTRICAL EQUIPMENT WILL BE WIRED IN ACCORDANCE WITH THE SCHEMATIC WIRING DIAGRAM AND ALL APPLICABLE CODES.
2. ALL CONTROL CABLE WILL BE NO. 12 AWG, 600 VOLT CABLE.
3. ALL ELECTRICAL EQUIPMENT WILL BE PROPERLY LABELED AND ALL ELECTRICAL CABLES WILL BE TAGGED.
4. ALL ELECTRICAL CABLES INSIDE THE VAULT WILL BE IN CONDUIT OR DUCT.
5. THE L-854 RADIO OUTPUT SHALL BE ACTIVE 24 HOURS/DAY. PHOTOCELL OR PHOTOCELL BYPASS SWITCH SHALL ACTIVATE 10% BRIGHTNESS. THE RUNWAY/TAXIWAY CIRCUITS WILL BE CONTROLLED BY THE L-854 RADIO CONTROL UNIT IN THE FOLLOWING MANNER:
 3 CLICKS - 10% BRIGHTNESS
 5 CLICKS - 30% BRIGHTNESS
 7 CLICKS - 100% BRIGHTNESS
6. ALL CONTROL RELAYS, INTERFACE PANELS, RADIO CONTROL UNIT, PHOTOCELL, CONTROL WIRING, ETC. SHALL BE NEW UNLESS OTHERWISE NOTED.
7. EQUIPMENT GROUND WIRES SHALL BE INCLUDED WITH EACH BRANCH CIRCUIT & EACH CONTROL CIRCUIT.
8. SEE DETAILS FOR REQUIREMENTS ON RELAY PANEL WITH CONTROL RELAYS & LIGHTING CONTACTORS.
9. THE CONTRACTOR WILL HAVE TO CUT A HOLE IN THE PROPOSED VAULT ROOF TO ALLOW THE INSTALLATION OF ONE CONDUIT FOR THE PROPOSED PHOTO-CELL. AFTER INSTALLING THE CONDUIT THE CONTRACTOR WILL SEAL AROUND THE CONDUIT WITH AN APPROVED SEALANT TO INSURE A WATERPROOF BARRIER.

SHEET LEGEND

- (A) VAULT PANEL CKT 14, 16 (RWY 13-31 & TXY CCR)
- (B) VAULT PANEL CKT 10, 12 (SPARE CCR FOR RWY 13-31 & TXY)
- (C) VAULT PANEL CKT 27 (RADIO & PHOTOCELL CONTROL)
- (D) VAULT PANEL CKT 21, 23 (AIRPORT ROTATING BEACON)
- (E) VAULT PANEL CKT 25 (WIND CONE)
- (N) N DESIGNATES NEUTRAL FROM THE RESPECTIVE PANEL THAT POWERS THE DEVICE. FOR CONTROL CIRCUIT INPUTS TO CCR'S N SHALL BE FROM THE RESPECTIVE INTERFACE PANEL CIRCUIT NEUTRAL CONNECTION.

AIRFIELD LIGHTING SCHEMATIC WIRING DIAGRAM

TR005

BY	
REVISION	
DATE	

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

A.I.P. PROJ.: 3-17-0091-B14
 I.L. PROJ.: SFY-3782

REL. Project No.	07A0144D_0800
Electronic	E-603.DWG
Scale	NONE
Date	05/13/08
LAYOUT	KNL 01/02/08
DRAWN	MV 01/03/08
REVIEWED	CAH 02/05/08



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CONSTRUCT
 NEW VAULT

AIRFIELD LIGHTING
 WIRING SCHEMATIC