



- NOTES**
- RELAY INTERFACE CONTROL PANEL SHALL BE MANUFACTURED BY UNIVERSE INC., 1833 W. HOVEY AVENUE, NORMAL, IL. 61761, PHONE: 309-452-5313, FAX: 309-452-2521, OR AN APPROVED EQUIVALENT MANUFACTURER.
 - RELAY INTERFACE CONTROL PANEL WIRING SHALL BE #16 AWG (MINIMUM) COPPER 600 VOLT CABLE. ALL EXTERNAL CONTROL CABLE SHALL BE #12 AWG, COPPER 600 VOLT CABLE.
 - THE RUNWAY/TAXIWAY CIRCUITS WILL BE CONTROLLED BY PHOTOCELL & THE L-854 RADIO CONTROL UNIT IN THE FOLLOWING MANNER: PHOTOCELL OR PHOTOCELL BYPASS SHALL ACTIVATE RADIO CONTROL OR MANUAL CONTROL. REMOTE MANUAL CONTROL FOR INDIVIDUAL CCR'S SHALL BE ACTIVATED BY THE L-821 PANEL AT THE TERMINAL BUILDING. MANUAL CONTROL SHALL ALLOW PRE-SET LIGHTING LEVELS AT 10%, 30%, OR 100% BRIGHTNESS. RADIO CONTROL SHALL OVER-RIDE MANUAL CONTROL SETTINGS. RADIO CONTROL SETTINGS SHALL BE AS FOLLOWS:
 3 CLICKS - 10% BRIGHTNESS
 5 CLICKS - 30% BRIGHTNESS
 7 CLICKS - 100% BRIGHTNESS
 - EQUIPMENT GROUND WIRES SHALL BE INCLUDED WITH EACH BRANCH CIRCUIT & EACH CONTROL CIRCUIT.
 - "N" DENOTES NEUTRAL FOR RESPECTIVE BRANCH CIRCUIT OR CONTROL CIRCUIT.
 - SEE PANELBOARD SCHEDULES & "NEW VAULT ELECTRICAL ONE-LINE DIAGRAM" FOR INFORMATION ON BRANCH CIRCUIT REQUIREMENTS.
 - PROVIDE 2 SPARE CONTROL RELAYS FOR EACH TYPE USED IN THE INTERFACE CONTROL PANEL.

REVISION	DATE

BY
 DATE
 Kewanee Municipal Airport
 Kewanee, Henry County, Illinois
 A.I.P. PROJ.: 3-17-0058-B12
 I.L. PROJ.: E21-3586

ILL. Project No. 810-06VLD	KNL	09/23/05
Drawings E-611.DWG		
Scale NONE		
Date 04/28/06		
LAYOUT		
DRAWN		
REVIEWED		



CONSTRUCT VAULT
 AIRFIELD LIGHTING
 CONTROL SCHEMATIC

RUNWAY & TAXIWAY LIGHTING CONTROL SCHEMATIC WIRING DIAGRAM

RELAY INTERFACE CONTROL PANEL IN NEMA 12 ENCL.

NOTE: ALLOW SPACE FOR FUTURE ADDITIONS

