

BY	
REVISION	
DATE	

Kewanee Municipal Airport
Kewanee, Henry County, Illinois

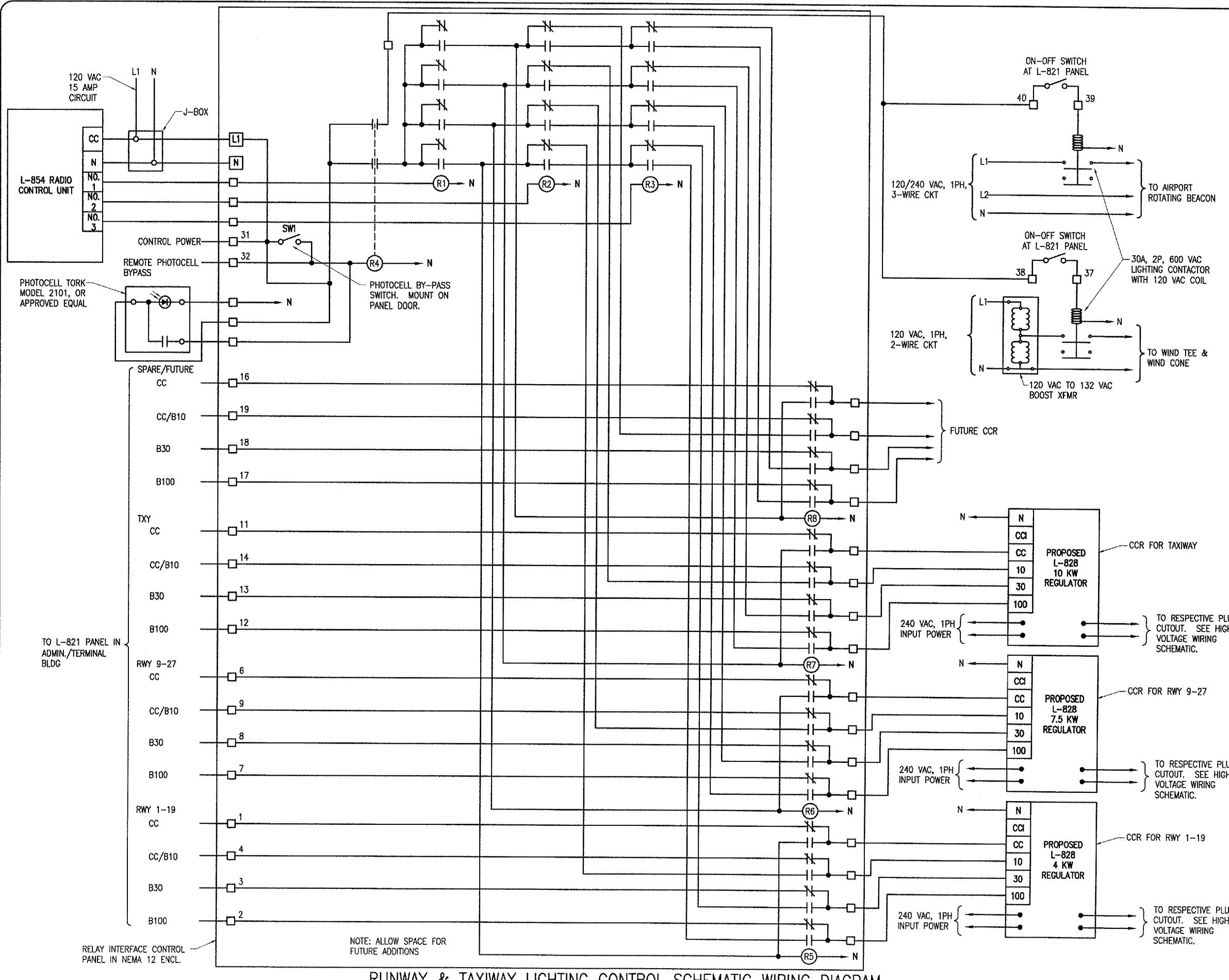
IL PROJ.: E2I-3533 A.I.P. PROJ.: 3-17-0058-B10

Project No.	810-067X7D-0800
Filename	E-611.DWG
Scale	NONE
Date	04/22/05
LAYOUT	KNL 09/23/05
DRAWN	MV 09/27/05
REVIEWED	LDP 01/17/06



OVERLAY TXY & APRON
CONSTRUCT VAULT
AIRFIELD LIGHTING
CONTROL SCHEMATIC

- 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 PHOTOCCELL & THE L-854 RADIO CONTROL UNIT IN THE FOLLOWING MANNER: PHOTOCCELL OR PHOTOCCELL 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.



RUNWAY & TAXIWAY LIGHTING CONTROL SCHEMATIC WIRING DIAGRAM

JAN 18, 2006 9:50 AM DMV
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