

DATE	REVISION	BY

Kewanee Municipal Airport, Illinois  
 Kewanee, Henry County, Illinois  
 A.I.P. PROJ.: 3-17-0058-B10  
 I.L. PROJ.: EZI-3533

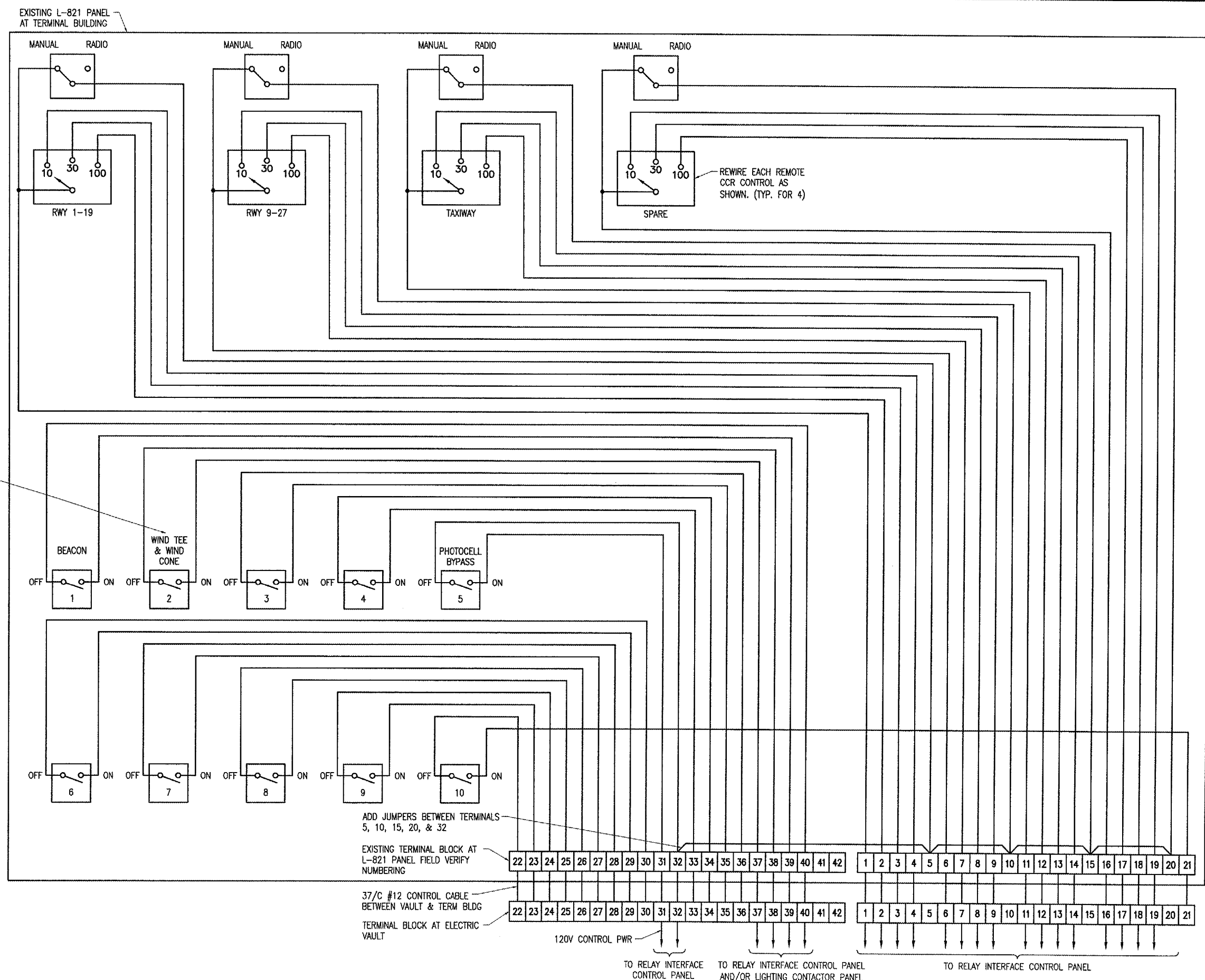
MEI Project No.	810-06TXVD_0800
Filename	E-612.DWG
State	IL
Date	04/22/05
LAYOUT	KNL 09/23/05
DRAWN	MY 09/27/05
REVIEWED	LDP 01/17/06



OVERLAY TXY & APRON  
 CONSTRUCT VAULT  
 AIRFIELD LIGHTING  
 CONTROL SCHEMATIC  
 CONTINUED

NOTES

- THE EXISTING L-821 PANEL LOCATED AT THE TERMINAL BUILDING SHALL BE RECONNECTED AS SHOWN. THE REMOTE CCR CONTROL WIRING WILL REQUIRE MODIFICATIONS FROM ITS EXISTING WIRING ARRANGEMENT TO ACCOMMODATE THE NEW RADIO RELAY INTERFACE PANEL. COORDINATE INTERFACE BETWEEN THE EXISTING L-821 PANEL & THE NEW RADIO RELAY INTERFACE PANEL. THE NEW RADIO RELAY INTERFACE CONTROL PANEL SHALL BE MANUFACTURED BY UNIVERSE INC., 1833 W. HOVEY AVENUE, NORMAL, IL 61781, PHONE: 309-452-5313, FAX: 309-452-2521, OR AN APPROVED EQUIVALENT MANUFACTURER.
- COORDINATE ALL WORK & POWER OUTAGES WITH THE AIRPORT MANAGER.
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS & PROVIDE THE APPROPRIATE CONTROL CIRCUIT MODIFICATIONS TO ACCOMPLISH CONTROL AS DESCRIBED BELOW. 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 REMOTE 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



RUNWAY & TAXIWAY LIGHTING CONTROL SCHEMATIC WIRING DIAGRAM

JAN 18, 2006 10:05 AM DWG  
 I:\AIRPORTS\KEWANEE\810-06TXVD\AIRPORT\SHEETS\E-612.DWG - Work-FLR

PROVIDE NEW LEGEND PLATE FOR WIND TEE & WIND CONE

ADD JUMPERS BETWEEN TERMINALS 5, 10, 15, 20, & 32

EXISTING TERMINAL BLOCK AT L-821 PANEL FIELD VERIFY NUMBERING

37/C #12 CONTROL CABLE BETWEEN VAULT & TERM BLDG

TERMINAL BLOCK AT ELECTRIC VAULT

TO RELAY INTERFACE CONTROL PANEL  
 TO RELAY INTERFACE CONTROL PANEL AND/OR LIGHTING CONTACTOR PANEL  
 TO RELAY INTERFACE CONTROL PANEL