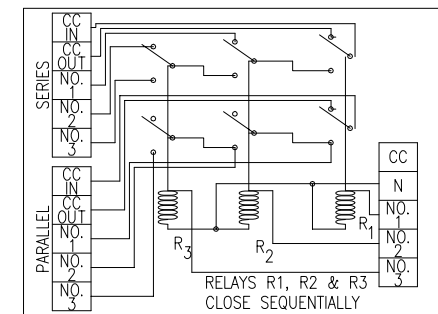


**NOTES**

1. ALL ELECTRICAL EQUIPMENT WILL BE WIRED IN ACCORDANCE WITH THE SCHEMATIC WIRING DIAGRAM, ALL APPLICABLE CODES, AND AS SPECIFIED HEREIN.
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 RUNWAY 18-36 & TAXIWAY C LIGHTING CIRCUITS WILL BE CONTROLLED BY THE L-854 RADIO CONTROL UNIT & PHOTOCELL IN THE FOLLOWING MANNER:  
 PHOTOCELL - 10% BRIGHTNESS & ACTIVATE RADIO CONTROL  
 3 CLICKS - 10% BRIGHTNESS  
 5 CLICKS - 30% BRIGHTNESS  
 7 CLICKS - 100% BRIGHTNESS
6. L-854 RADIO CONTROL UNIT, INTERFACE PANEL FOR RUNWAY 18-36, & CUTOUT RWY 18-36 ARE EXISTING. CONSTANT CURRENT REGULATOR FOR RUNWAY 18-36 & TAXIWAY C SHALL BE NEW. INTERFACE EXISTING CONTROL SYSTEM TO NEW CONSTANT CURRENT REGULATOR. FIELD VERIFY EXISTING CONTROL CIRCUITS.
7. EQUIPMENT GROUND WIRES SHALL BE INCLUDED WITH EACH BRANCH/FEEDER CIRCUIT & EACH CONTROL CIRCUIT.



TYP. INTERFACE PANEL DETAIL

**SHEET LEGEND**

- 17 EXISTING 120 VAC CONTROL POWER CIRCUIT FOR L-854 RADIO FROM VAULT PANELBOARD CKT 17. INTERFACE TO NEW LIGHTING CONTACTOR PANEL FOR RWY 9-27 PAPI UNITS.
- 40 NEW 240 VAC FEEDER CIRCUIT FOR RUNWAY 18-36 & TAXIWAY C CCR FROM VAULT PANEL CKT 40, 42.
- 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.

LI032

DATE	REVISION	BY

LITCHFIELD MUNICIPAL AIRPORT  
 LITCHFIELD, ILLINOIS

IL PROJ.: 31F-4046 A.I.P. PROJ.: 3-17-0063-B17

Hanson Project No. 10A0094D_0800	
Filename E-603.DWG	
Scale NOT TO SCALE	
Date 02/04/11	
LAYOUT KNL 12/14/10	
DRAWN CWS 12/15/10	
REVIEWED CAH 12/22/10	



TAXIWAY "C" EXTENSION

RUNWAY 18-36 LIGHTING CONTROL SCHEMATIC

RUNWAY 18-36 & TAXIWAY C LIGHTING CONTROL WIRING SCHEMATIC