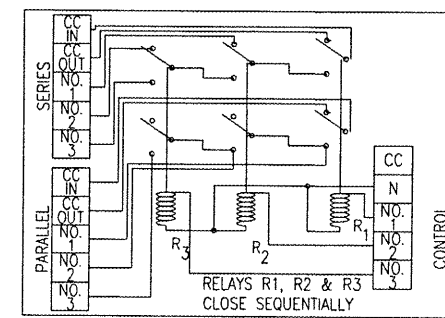


NOTES

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 9-27 PAPI CIRCUITS WILL BE CONTROLLED BY THE L-854 RADIO CONTROL UNIT IN THE FOLLOWING MANNER:
 3 CLICKS - ON
 5 CLICKS - REMAIN ON
 7 CLICKS - REMAIN ON
6. L-854 RADIO CONTROL UNIT, INTERFACE PANEL FOR RUNWAY 9-27, & CCR FOR RWY 9-27 ARE EXISTING. LIGHTING CONTACTORS, HAND-OFF-AUTO SELECTOR SWITCHES, AND BOOST TRANSFORMER FOR RUNWAY 9-27 PAPI UNITS SHALL BE NEW. INTERFACE NEW CONTROL WIRING TO EXISTING CONTROL SYSTEM. FIELD VERIFY EXISTING CONTROL CIRCUITS.
7. EQUIPMENT GROUND WIRES SHALL BE INCLUDED WITH EACH BRANCH/FEEDER CIRCUIT & EACH CONTROL CIRCUIT.
8. SEE LIGHTING CONTACTOR PANEL DETAILS FOR REQUIREMENTS ON PANEL LAYOUT & WIRING.
9. NEW CONDUCTORS FOR PAPI CIRCUITS SHALL BE AS DETAILED HEREIN & IN THE SPECIAL PROVISIONS.



TYP. INTERFACE PANEL DETAIL

RUNWAY 9-27 PAPI UNITS WIRING SCHEMATIC

SHEET LEGEND

- ② NEW 240 VAC FEEDER CIRCUIT FOR RUNWAY 27 PAPI FROM VAULT PANEL CKT 2, 4.
- ⑤ EXISTING 240 VAC POWER CIRCUIT FOR RWY 9-27 CCR FROM VAULT PANELBOARD CKT 5, 7.
- 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.
- ②⑨ NEW 240 VAC FEEDER CIRCUIT FOR RUNWAY 9 PAPI'S FROM VAULT PANEL CKT 29, 31.
- 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.

L1031

BY	REVISION	DATE

**LITCHFIELD MUNICIPAL AIRPORT
LITCHFIELD, ILLINOIS**

A.I.P. PROJ.: 3-17-0063-B13
 I.L. PROJ.: 3LF-3559

HEL Project No. 814-06RWYD_0800	DATE 01/29/08
Filename E-604.DWG	DATE 01/22/08
Scale NONE	DATE 01/22/08
Date 01/29/08	DATE 01/29/08
LAYOUT KNL	DATE 01/22/08
DRAWN MV	DATE 01/22/08
REVIEWED CAH	DATE 01/29/08



**PROPOSED P.F.C.
ON RUNWAY 9-27**

AIRFIELD LIGHTING
WIRING SCHEMATIC