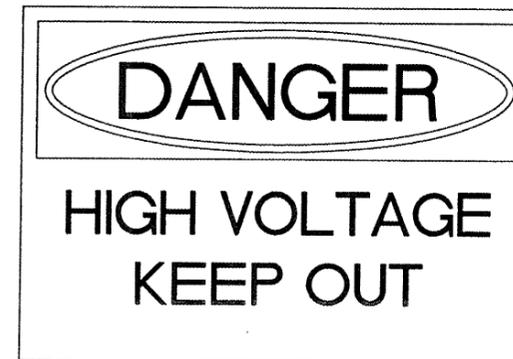


NOTES

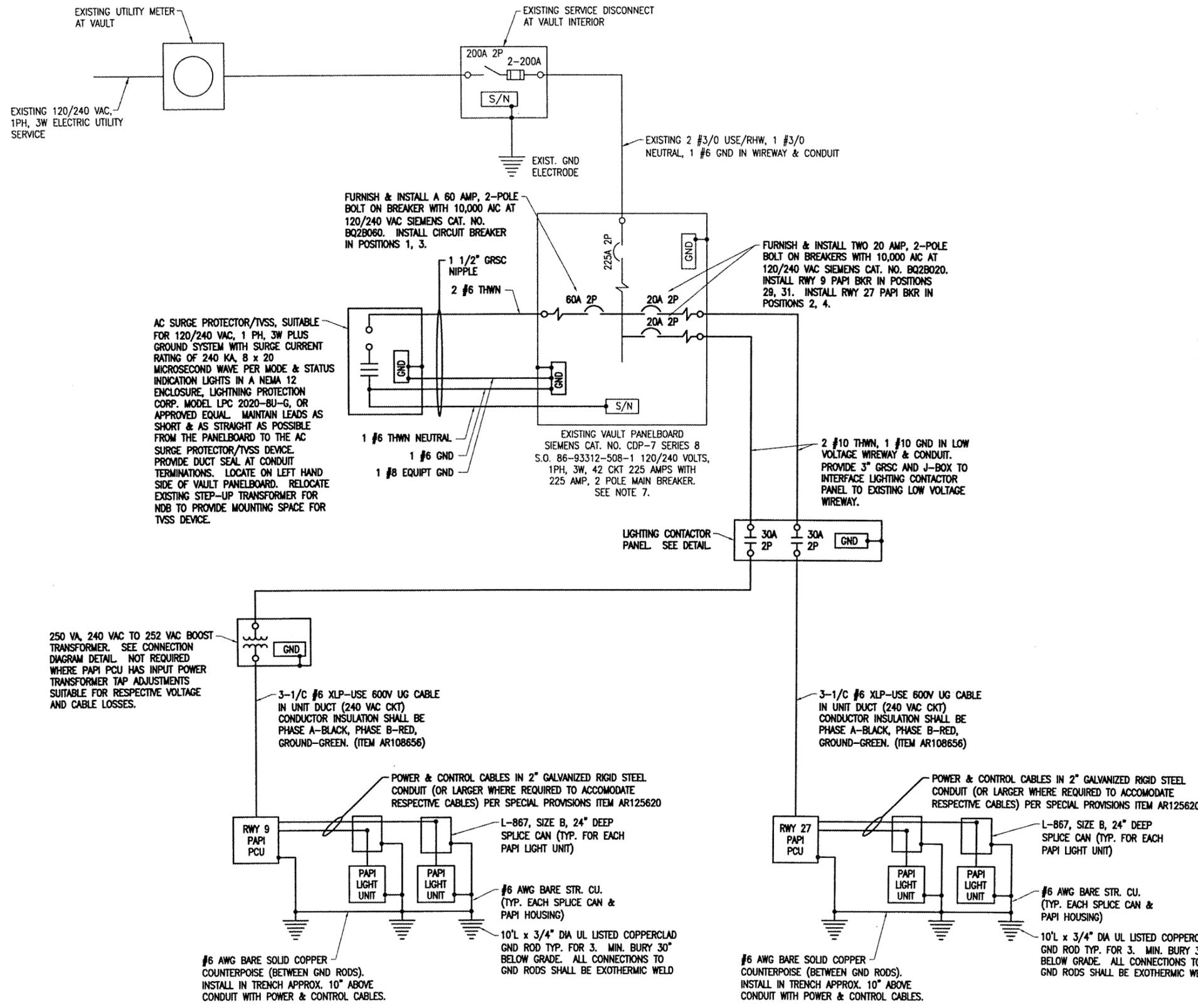
1. ALL VAULT WORK AND/OR POWER OUTAGES SHALL BE COORDINATED WITH THE AIRPORT MANAGER.
2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 - NATIONAL ELECTRICAL CODE (NEC) MOST CURRENT ISSUE IN FORCE, THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID THE U.L. LISTING, ETL LISTING, (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.
3. ALL EQUIPMENT SHOWN NOT LABELED AS EXISTING IS NEW.
4. HIGH VOLTAGE & LOW VOLTAGE CIRCUITS SHALL NOT BE INSTALLED IN THE SAME WIREWAY.
5. LTFMC DENOTES LIQUID TIGHT FLEXIBLE METAL CONDUIT UL LISTED, SUNLIGHT RESISTANT, & SUITABLE FOR GROUNDING. LIQUID TIGHT FLEXIBLE METAL CONDUIT AND ASSOCIATED FITTINGS SHALL BE U.L. LISTED TO MEET THE REQUIREMENTS OF NEC 350.6. LIQUID TIGHT FLEXIBLE METAL CONDUIT THAT IS USED FOR FLEXIBILITY (INCLUDING CONNECTIONS TO CCR'S & TRANSFORMERS) SHALL REQUIRE AN EXTERNAL BONDING JUMPER OR INTERNAL EQUIPMENT GROUNDING CONDUCTOR PER NEC 350.60. EXTERNAL BONDING JUMPERS USED WITH CCR INSTALLATIONS SHALL BE #6 AWG COPPER (MINIMUM). DO NOT INSTALL LTFMC THAT IS NOT UL LISTED.
6. VAULT WORK SHALL BE PAID FOR UNDER ITEM AR109200.
7. REPLACE THE EXISTING 20 AMP, 1 POLE BREAKER FOR THE L-854 RADIO (CKT 17) WITH A 10 AMP, 1 POLE BOLT ON BREAKER WITH 10,000 AIC AT 120 VAC, SIEMENS CAT. NO. BQ1B010. REPLACE THE EXISTING 20 AMP, 1 POLE BREAKER FOR THE INTERFACE POWER (CKT 27) WITH A 10 AMP, 1 POLE BOLT ON BREAKER WITH 10,000 AIC AT 120 VAC, SIEMENS CAT. NO. BQ1B010. ALL EXISTING CIRCUIT BREAKERS REMOVED FROM THE PANELBOARD SHALL REMAIN AIRPORT PROPERTY.

VAULT LEGEND PLATE SCHEDULE	
DEVICE	LABEL
PAPI CONTROL PANEL/LIGHTING CONTACTORS	RUNWAY 9-27 NAVAID CONTROL PANEL
RUNWAY 9 PAPI PCU	RWY 9 PAPI PCU FED FROM VAULT
RUNWAY 27 PAPI PCU	RWY 27 PAPI PCU FED FROM VAULT

NOTE: LEGEND PLATES SHALL BE WEATHERPROOF ENGRAVED PLASTIC OR PHENOLIC MATERIAL, 1/4" HIGH BLACK LETTERS ON A WHITE BACKGROUND UNLESS NOTED OTHERWISE. SECURE WITH WEATHERPROOF ADHESIVE AND MACHINE SCREWS. FURNISH ADDITIONAL LEGEND PLATES WHERE REQUIRED BY CODE, FOR ADDITIONAL EQUIPMENT, AS DETAILED HEREIN ON THE PLANS, AND AS NOTED IN THE SPECIAL PROVISION SPECIFICATIONS.



PROVIDE WARNING SIGN ON VAULT EXTERIOR DOOR LABELED "DANGER - HIGH VOLTAGE - KEEP OUT" PER THE REQUIREMENTS OF NEC 110.34 (C).



ONE LINE DIAGRAM FOR RUNWAY 9-27 PAPI UNITS

BY	REVISION	DATE

LITCHFIELD MUNICIPAL AIRPORT
LITCHFIELD, ILLINOIS

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

REVISED No. 814-06RWVD_0800	DATE 01/29/08
FILE No. E-601.DWG	DATE 01/22/08
DATE 01/29/08	DATE 01/22/08
LAYOUT KNL	REVIEWED CAH
DRAWN MV	DATE 01/22/08

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

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

ONE-LINE DIAGRAM
FOR RWY 9-27
PAPI UNITS

APR 11, 2008 10:33 AM HAGL000392
L:\AIRPORTS\LITCHFIELD\814-06RWVD\AIRPORT SHEETS\E-601.DWG - Layout1