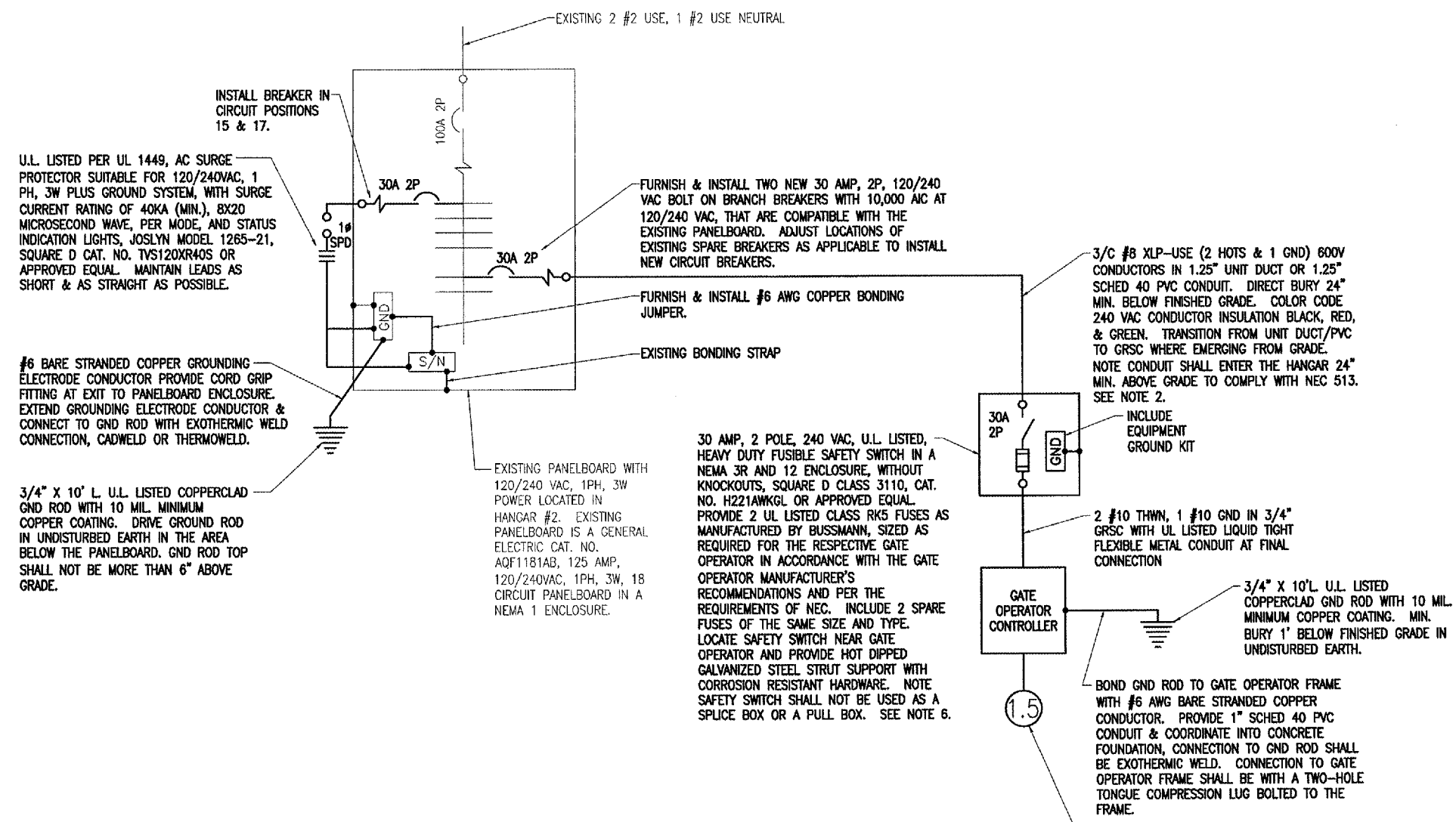


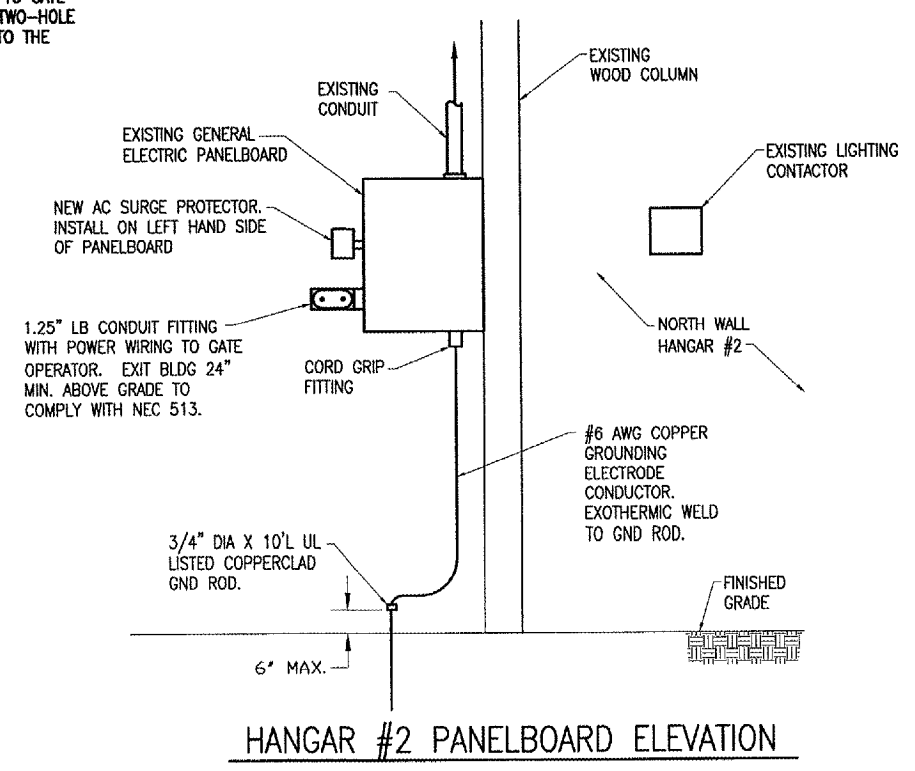
ELECTRICAL NOTES

1. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 (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.
2. PER NEC 513 THE ENTIRE AREA OF THE HANGAR INCLUDING ANY ADJACENT AND COMMUNICATING AREAS NOT SUITABLE CUT OFF FROM THE HANGAR, SHALL BE CLASSIFIED AS A CLASS 1, DIVISION 2 HAZARDOUS LOCATION UP TO A LEVEL 18 INCHES ABOVE THE FLOOR. AREAS IN THE VICINITY OF AIRCRAFT ARE ALSO CLASSIFIED AS HAZARDOUS AS DEFINED BY NEC 513. ALL ELECTRICAL INSTALLATIONS IN CLASSIFIED HAZARDOUS LOCATIONS SHALL BE AVOIDED UNLESS SPECIFICALLY APPROVED FOR SUCH LOCATIONS AND INSTALLED IN CONFORMANCE WITH NEC 500, 501, AND 513 AS WELL AS ANY OTHER APPLICABLE CODES AND REQUIREMENTS.
3. CONTRACTOR SHALL COORDINATE NEW WORK AND ANY POWER OUTAGES TO EXISTING EQUIPMENT WITH THE RESPECTIVE OWNER & THE AIRPORT MANAGER.
4. ALL EQUIPMENT NOT LABELED AS EXISTING IS NEW.
5. GRSC DENOTES GALVANIZED RIGID STEEL CONDUIT (HEAVY WALL).
6. PROVIDE A WEATHERPROOF ENGRAVED PHENOLIC OR PLASTIC LEGEND PLATE FOR THE SAFETY SWITCH AT THE RESPECTIVE GATE OPERATOR NOTING THE GATE SERVED, VOLTAGE, & THE RESPECTIVE POWER SOURCE CIRCUIT AND LOCATION.
7. FURNISH & INSTALL ALL REQUIRED CONTROL CIRCUIT WIRING IN GALVANIZED RIGID STEEL CONDUIT FOR EACH RESPECTIVE GATE OPERATOR. CONFIRM CONTROL WIRING REQUIREMENTS WITH THE RESPECTIVE GATE OPERATOR SYSTEM SALES REPRESENTATIVE. CONFORM CARD READER OR KEYPAD ACCESS CONTROL UNIT LOCATION WITH THE RESPECTIVE SITE PERSONNEL AND AIRPORT MANAGER.
8. INSULATED EQUIPMENT GROUND CONDUCTORS SHALL HAVE GREEN COLORED INSULATION FOR ALL CONDUCTORS AWG. COLOR CODING GROUND CONDUCTORS WITH GREEN TAPE SHALL NOT MEET THIS REQUIREMENT.
9. FIELD VERIFY CONDUIT & CABLE ROUTING.

EXISTING 120/240 VAC, 1 PH, 3W POWER FROM 100 AMP, 2 POLE FEEDER BREAKER IN AIRPORT VAULT PANELBOARD



ELECTRICAL ONE-LINE DIAGRAM FOR T-HANGAR ACCESS GATE OPERATOR



HANGAR #2 PANELBOARD ELEVATION

MAY 27, 2005 1:23 PM BAK I:\AIRPORTS\LOGAN\813-05APN\AIRPORT SHEETS\E-603.DWG - LAYOUT1 Q.A. REVIEW - WJM. - 3/23/05

BY	
REVISION	
DATE	
LOGAN COUNTY AIRPORT LINCOLN, ILLINOIS	
A.I.P. PROJ.: 3-17-0062-812	
HEL Project No. 813-05APND 0800 Elevation E-603.DWG Scale NONE Date	
LAYOUT	KNL 02/07/05
DRAWN	BAK 02/07/05
REVIEWED	KNL 03/18/05
HANSON Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2888 Offices Nationwide	
REHABILITATE THE G.A. APRON	
ELECTRICAL ONE LINE T-HANGAR ACCESS	
12	
12 of 28 sheets	