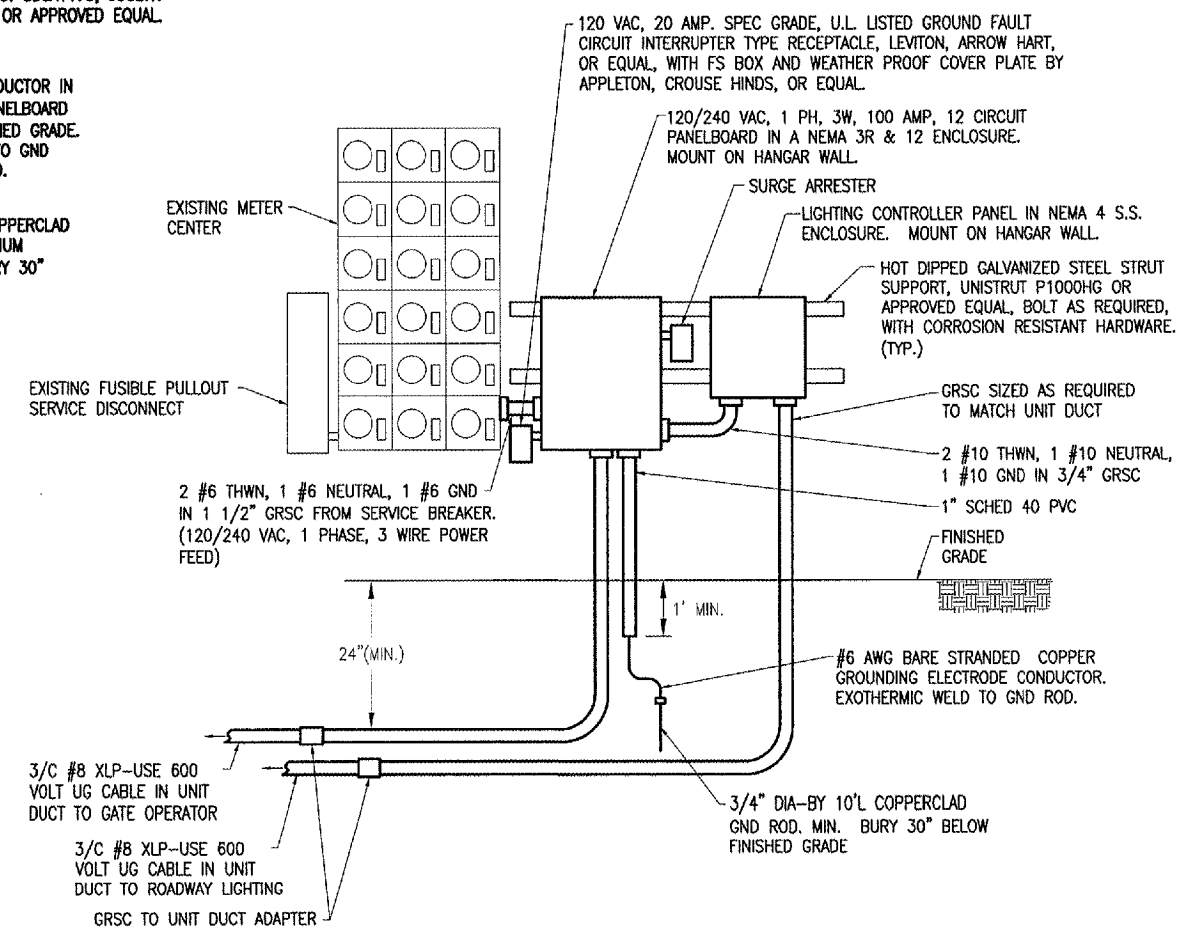
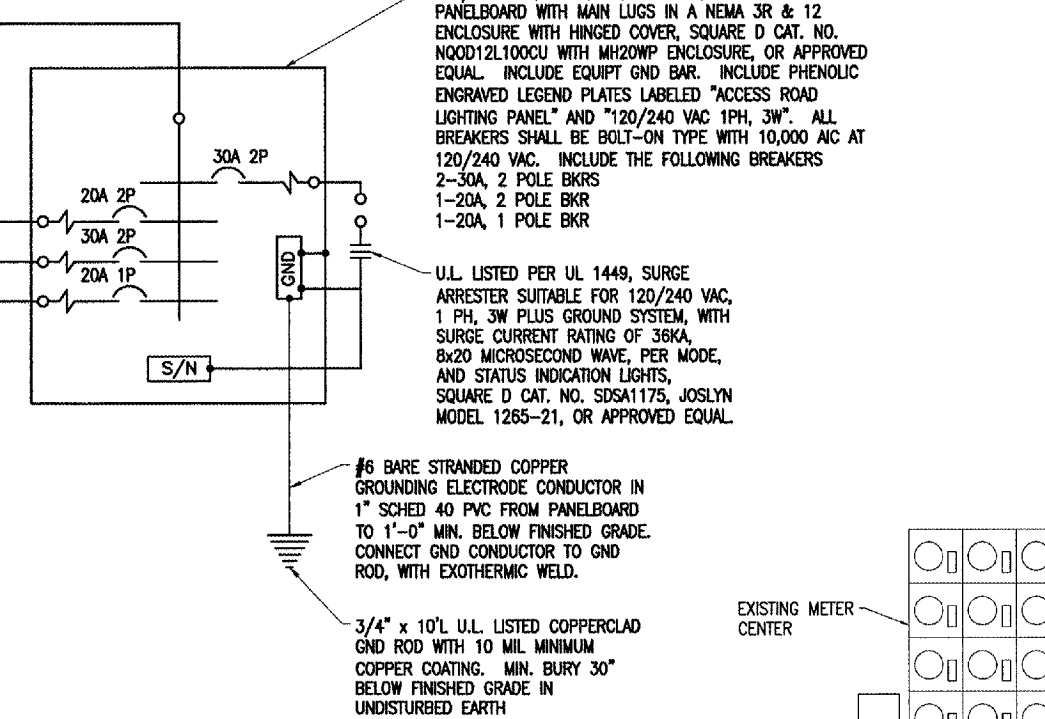
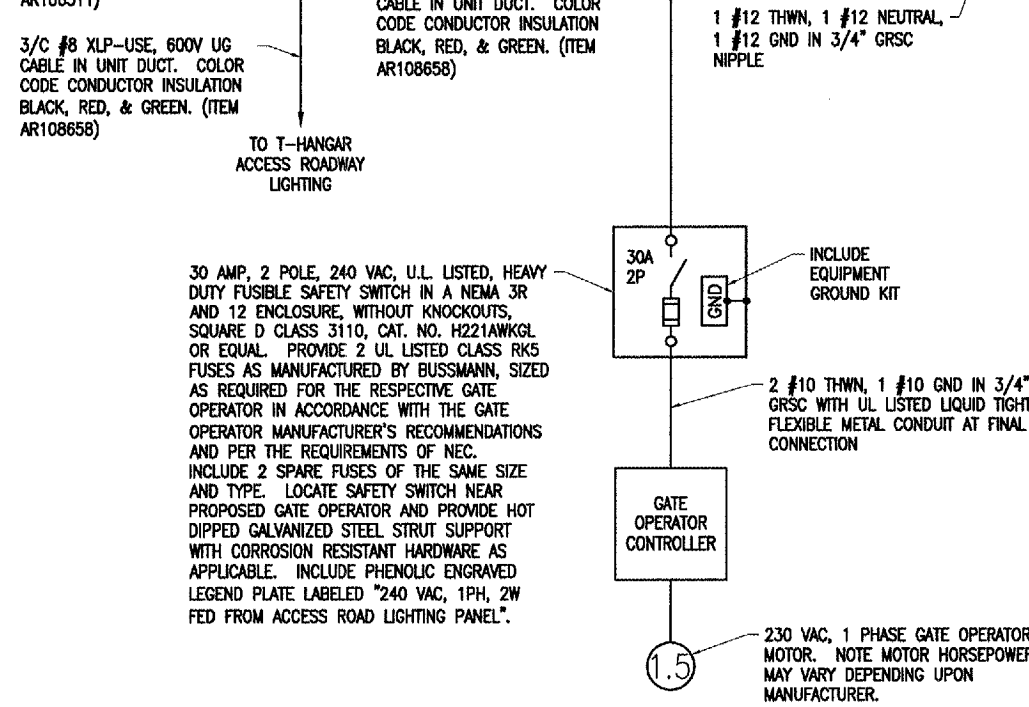
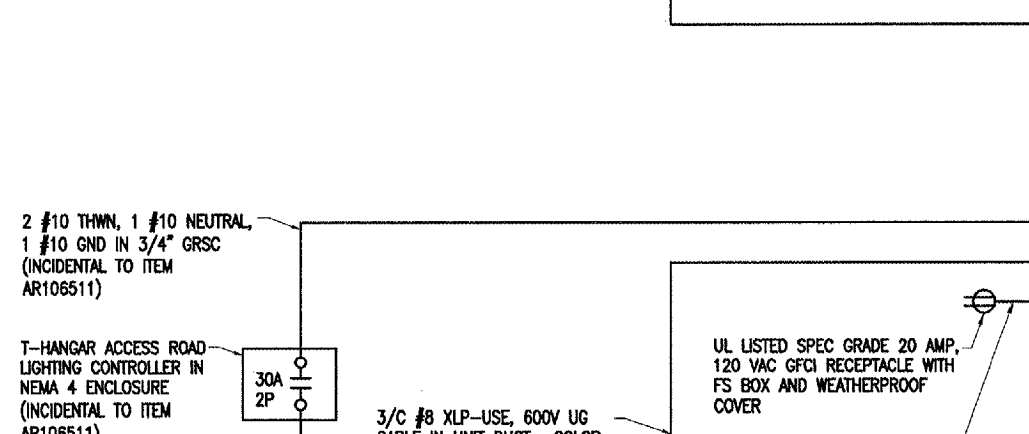
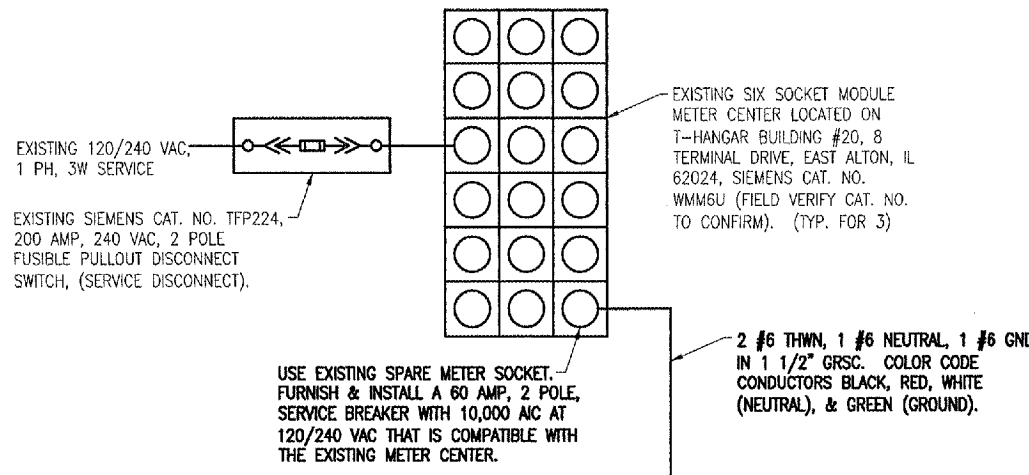


ELECTRICAL NOTES

1. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA70 (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. CONTRACTOR SHALL COORDINATE ANY POWER OUTAGES TO EXISTING EQUIPMENT WITH THE AIRPORT MANAGER.
3. CONTRACTOR SHALL COORDINATE NEW ELECTRIC SERVICE WITH THE SERVING ELECTRIC UTILITY (ILLINOIS POWER CALL CENTER, PHONE: 1-800-755-5000) & THE AIRPORT MANAGER.
4. ALL EQUIPMENT NOT LABELED AS EXISTING IS NEW.
5. GRSC DENOTES GALVANIZED RIGID STEEL CONDUIT (HEAVY WALL).
6. SERVICE ENTRANCE WORK, FEEDER, DISTRIBUTION PANEL, SURGE ARRESTER, GFCI RECEPT, GROUNDING, SAFETY SWITCH, & ALL OTHER WORK ASSOCIATED WITH THE ELECTRIC GATE SHALL BE PAID FOR UNDER ITEM AR162724.
7. FURNISH & INSTALL ALL REQUIRED CONTROL CIRCUIT WIRING IN GALVANIZED RIGID STEEL CONDUIT FOR THE RESPECTIVE GATE OPERATOR. CONFIRM CONTROL WIRING REQUIREMENTS WITH THE RESPECTIVE GATE OPERATOR SYSTEM SALES REPRESENTATIVE.
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. PROVIDE NEMA 4 HUBS FOR ALL CONDUIT ENTRIES INTO NEMA 4 RATED ENCLOSURES.



ELECTRICAL ONE-LINE DIAGRAM FOR GATE OPERATOR & ACCESS ROAD LIGHTING

PANELBOARD & LIGHTING CONTROLLER ELEVATION

BY	
REVISION	
DATE	
<b>ST. LOUIS REGIONAL AIRPORT</b>  <b>EAST ALTON, ILLINOIS</b> IL PROJ: ALN-3355	
I&E Project No. 837-04RDD File Name R-541ELE.DWG Scale NONE Date	LAYOUT KNL 03/29/04 DRAWN MV 05/29/04 REVIEWED WJM 06/23/04
 Hanson Professional Services Inc. 11200 N. Illinois Springfield, Illinois 62703-2886 Offices Nationwide	
<b>CONSTRUCT T-HANGAR ACCESS ROAD</b> ONE-LINE FOR GATE OPERATOR AND ROADWAY	<b>16</b> <small>16 of 34 sheets</small>

FEB 15, 2005 11:43 AM DPE I:\AIRPORTS\STLOUIS\837-04RDD\AIRPORT\SHEETS\R-541ELE.DWG - Layout1