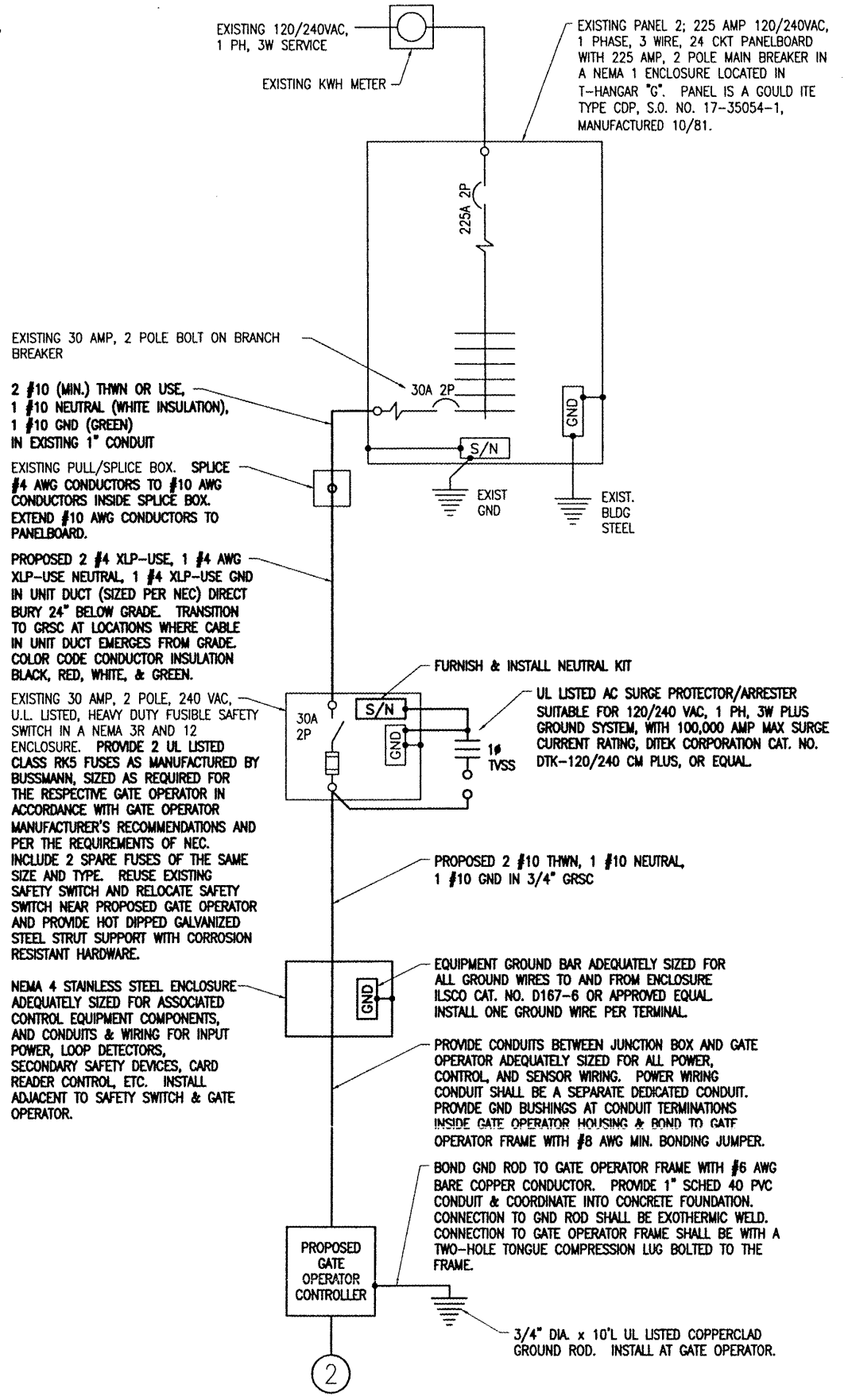


**EXISTING NORTH GATE OPERATOR  
ELECTRICAL ONE LINE DIAGRAM**



**PROPOSED NORTH GATE OPERATOR  
ELECTRICAL ONE LINE DIAGRAM**

**ELECTRICAL NOTES**

- SEE ELECTRICAL LEGEND AND ABBREVIATIONS SHEET FOR GENERAL NOTES AND REQUIREMENTS.
- PER NEC 513 THE ENTIRE AREA OF A HANGAR INCLUDING ANY ADJACENT AND COMMUNICATING AREAS NOT SUITABLE CUT OFF FROM THE HANGAR, SHALL BE CLASSIFIED AS A CLASS I, 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.
- 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 MANUFACTURER'S REPRESENTATIVE.
- REMOVAL OF THE EXISTING ELECTRIC SLIDE GATE WILL BE PAID FOR UNDER ITEM AR162908 - REMOVE ELECTRIC GATE.
- PROPOSED 20' ELECTRIC SLIDE GATE WILL BE PAID FOR UNDER ITEM AR162720 - ELECTRIC GATE - 20'.

|          |  |
|----------|--|
| BY       |  |
| REVISION |  |
| DATE     |  |

COLES COUNTY AIRPORT  
 AUTHORITY  
 COLES COUNTY MEMORIAL AIRPORT  
 A.I.P. PROJ.: 3-17-0066-B22  
 I.L. PROJ.: MTO-3831

|                                  |          |
|----------------------------------|----------|
| Hanson Project No. 08A0147D_0800 | 01/02/09 |
| Filename: E-602.DWG              | 01/05/09 |
| Scale: NOT TO SCALE              | 01/07/09 |
| Date: 02/04/09                   |          |
| LAYOUT                           | CAH      |
| DRAWN                            | MV       |
| REVIEWED                         | CAH      |

**HANSON**  
 Hanson Professional Services Inc.  
 1626 South Sixth Street  
 Springfield, IL 62766  
 Offices Nationwide

PERIMETER FENCE  
 INSTALLATION  
 NORTH GATE  
 ELECTRICAL  
 ONE-LINE DIAGRAMS

FER 08, 2009 10:54 AM HAGL0003E2  
 \\SUPPORTS\COLES\08A0147\AIRPORT\SHEETS\E-602.DWG - Layout1