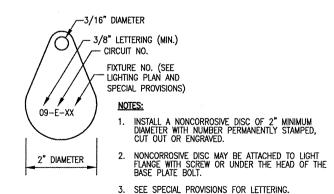
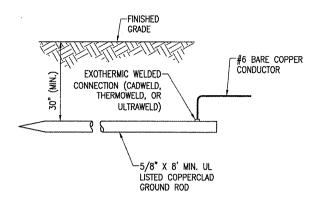
- 1. POLE AND FRAME TO BE PAINTED AVIATION ORANGE, SEE SPECIAL PROVISIONS.
- 2. ALL NEW WORK, INCLUDING WIND CONE AND ASSEMBLY, POLE, LIGHT FIXTURES, CONCRETE FOUNDATION, AND INCIDENTALS SHALL BE PAID UNDER ITEM ARIO7812.
- 3. GROUND ROD FOR WIND CONE MAY INSTALLED VERICALLY.

L-807, STYLE I, SIZE 2 12-FOOT LIGHTED WIND CONE



IDENTIFICATION TAG DETAIL

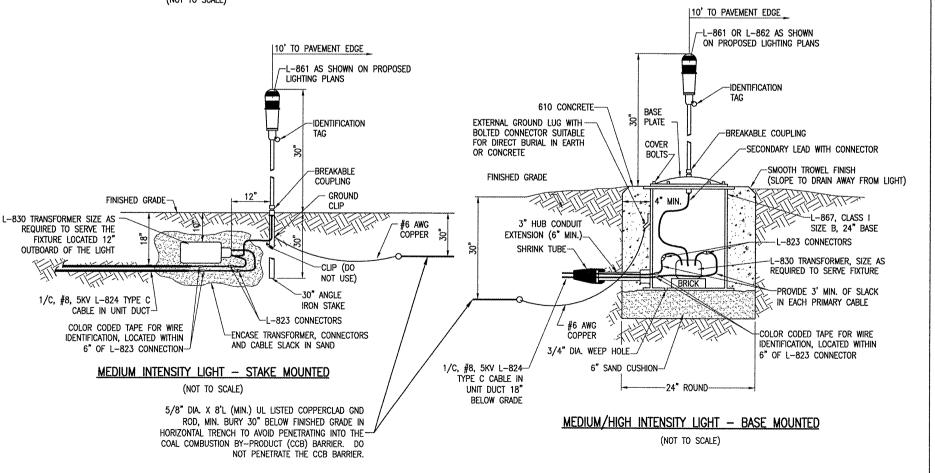


 ${\color{red} {\rm NOTES:}}$ TYPE and minimum number of ground rods shall be as specified on

COST OF GROUND RODS IS INCIDENTAL TO THE ASSOCIATED ITEMS REQUIRING GROUNDING UNLESS OTHERWISE SPECIFIED.

PER FAA AC 150/5340-30C DESIGN AND INSTALLATION DETAILS FOR AIRPORT VISUAL AIDS, A SAFETY GROUND ROD MUST BE INSTALLED AT EACH LIGHT FIXTURE. A SAFETY GROUND SHALL BE INSTALLED AT EACH STAKE MOUNTED LIGHT AND EACH TRANSFORMER BASE/LIGHT CAN ASSOCIATED WITH RUNWAY LIGHTTS, TAXIWAY LIGHTS, AND LIGHTED TAXI GUIDANCE SIGNS. THE SAFETY GROUND SHALL BE A #6 AWG BARE COPPER CONDUCTOR CONNECTED TO THE GROUND LUG ON THE RESPECTIVE L-867 TRANSFORMER BASE/LIGHT CAN OR MOUNTING STAKE AND A 5/8-INCH DIAMETER BY 8-FOOT LONG (MINIMUM) UL LISTED COPPER CLAD GROUND ROD. ALL GROUND RODS FOR AIRFIELD LIGHTING DEVICES SHALL BE INSTALLED IN A HORIZONTAL TRENCH 30" MINIMUM DEPTH BELOW FINISHED GRADE, TO AVOID PENETRATING THE COAL COMBUSTION BY-PRODUCT (CCB) BARRIER. DO NOT PENETRATE THE CCB BARRIER.

GROUND ROD (NOT TO SCALE)



-FULL STRENGTH PAVEMENT



TYPICAL

FI FVATED

LIGHT

1/C, #8, 5KV L-824

SEE PROPOSED LIGHTING LAYOUT SHEET FOR LIGHT

LIGHT AND CABLE INSTALLATION DETAIL

(NOT TO SCALE)

TYPE C CABLE-



HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive, Suite 200 Oak Brook, Illinois 60523 Telephone: 630.990.3800 Fax: 630.990.3801

Illinois Professional Design Firm

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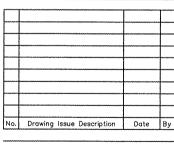


JOLIET REGIONAL PORT DISTRICT

1 George Michas Drive Romeoville, Illinois 60446 Telephone: 815.838.9497 Fax: 815.838.9524

COMPLETE TAXIWAY G

AIP PROJECT NO. 3-17-0140-B43 IDA PROJECT NO. LOT-3883



JANUARY 30, 2009 Sheet Title

ELECTRICAL DETAILS

08A0122	
Project Number	
KNL	06/19/08
Layout By	Date
KNL	06/19/08
Designed By	Date
RMH	01/30/09

Reviewed By Date

26

MV |---|---