

NOTES

- 1. INSTALL A NONCORROSIVE DISC OF 2" MINIMUM DIAMETER WITH THE NUMBER PERMANENTLY STAMPED, CUT OUT, OR ENGRAVED UNDER THE HEAD OF THE BASE PLATE BOLT OR ATTACHED TO LIGHT FLANGE WITH SET SCREW.
- LEGENDS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR TO COORDINATE LEGEND WITH AIRPORT.
- 3. THE CONTRACTOR SHALL NUMBER THE EXISTING/ PROPOSED LIGHTS AND SIGNS IN EACH CIRCUIT STARTING AT THE HOMERUN CONTINUING AROUND THE ENTIRE CIRCUIT BACK TO THE HOMERUN.

ROD, MIN. 18" BELOW GRADE

4. AIRFIELD SIGNS SHALL BE TAGGED & NUMBERED.

MOUND SLIGHTLY, GRADE & SEED -9" MIN. MIN GRADE BACKFILL RESTORATION_ PER SPEC. 108-3.5 INSULATED CABLE IN UNIT DUCT INSULATED CABLE IN UNIT DUCT

CABLE JACKET REMOVED, "PENCIL" INSULATION

PLASTIC BODY MOLD

POURING SPOUT-

NOTES

- TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE. IF SPECIFIED ON PLANS, TWO PARALLEL
- DEPTH OF TRENCHES SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- 3. SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.
- ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO

2" AFTER

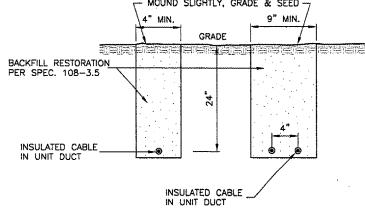
SHRINKING (TYP.)

HEAT SHRINKABLE TUBING WITH INTERNAL ADHESIVE, PER SPECS.

FACTORY MOLDED L-823

TRANSFORMER LEADS

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TRENCH DETAIL N.T.S.



THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).



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REVISIONS

DATE

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DETAIL

SPRINGFIELD AIRPORT AUTHORITY ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD, ILLINOIS ELECTRICAL WIDEN

CRAWFORD, CONSULTING

DESIGN BY: RLV DRAWN BY: CMT Rey CHECKED BY:

APPROVED BY: AUGUST 07, 2007 JOB No: 07035-02-00

IL. PROJ. NO. SPI-3711 AIP PROJ. NO. 3-17-0096-XX SHEET 24 OF 31 SHEETS

ADDITIONAL ADHESIVE RESIN ---RECEPTACLE END COMPOUND FILLER COMPRESSION TYPE SLEEVE CONNECTOR. CRIMP WITH TOOL FIELD INSTALLED L-823 RECEPTACLE END RECOMMENDED BY MANUFACTURER SEAL ENDS OF MOLD WITH TAPE PROVIDED IN SPLICE KIT FOR IN-LINE CONNECTIONS OF EXISTING FOR SPLICES AT TAXIWAY LIGHTS AND SIGNS. CABLES CUT DURING CONSTRUCTION. TYPE A TYPE C HEAT SHRINKABLE TUBING WITH INTERNAL ADHESIVE, PER SPECS. 2" AFTER FACTORY MOLDED L-823 **NOTES** TRANSFORMER LEADS SHRINKING (TYP.) 1. INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE. 2. THE COST OF FURNISHING AND INSTALLING ALL SPLICE MATERIALS SHALL BE INCIDENTAL TO THE ASSOCIATED CABLE ITEMS. ADDITIONAL ADHESIVE - PLUG END COMPOUND FILLER THE CONTRACTOR SHALL HAVE A MINIMUM OF TWO (2) TYPE A SPLICE KITS ON THE JOB SITE AT ALL TIMES FOR EMERGENCY REPAIRS. FIELD INSTALLED L-823 RECEPTACLE END FOR SPLICES AT TAXIWAY LIGHTS AND SIGNS. TYPE D CABLE SPLICES

N.T.S.

LIGHT IDENTIFICATION DETAIL

10'-0" (TYP.) NEW LIGHT FIXTURE - SEE TABLE LIGHT BASE, L-867, SIZE B. BREAKABLE COUPLING CLASS 1A, 24" DEEP LIGHT IDENT-IFICATION TAG BASE PLATE L-823 PRIMARY CABLE CONNECTORS TO BE SEALED WITH HEAT SHRINK AS SPECIFIED (TYP.) SECONDARY LEAD PROVIDE 3' OF SLACK AT EACH LIGHT (INCIDENTAL TO LIGHTING CIRCUIT CABLE) -GROUND LUG ____ 1/C #8, 5000V., L-824 TYPE C CABLE IN UNIT DUCT CONDUIT BUSHING (TYP.) HEAT SHRINK TUBING HEAT SHRINK (TYP.) -BRICK ITEM 610 CONCRETE L-830 ISOLATION TRANSFORMER -UNIT DUCT SHALL BE 6" SAND CUSHION-TERMINATED INSIDE THE LIGHT BASE AND SEALED WITH HEAT SHRINK AS -#6 BARE COPPER CONDUCTOR EXOTHERMIC WELD 2'-0" DIA. PRECAST ROUND OR SQUARE 5/8" x 10' COPPER CLAD GROUND

NEW BASE MOUNTED EDGE LIGHT N.T.S.

FAA LIGHT FIXTURE TYPE	LAMP WATTAGE	LAMP DESCRIPTION	TRANSFORMER TYPE	TRANSFORMER PRI/SEC	HEIGHT
L-861-T	30-45	INCAN, 6.6A	L-830	6.6A/6.6A	24"