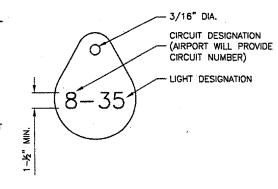
## NOTES

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.

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.

AIRFIELD SIGNS SHALL BE TAGGED & NUMBERED.



LIGHT IDENTIFICATION DETAIL

# 4" MIN. GRADE BACKFILL RESTORATION PER SPEC. 108-3.5 INSULATED CABLE IN UNIT DUCT

- MOUND SLIGHTLY, GRADE & SEED -

 TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE. IF SPECIFIED ON PLANS, TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.

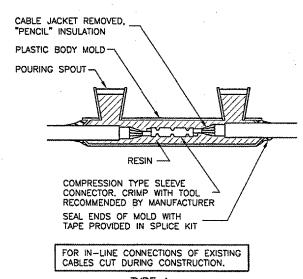
- DEPTH OF TRENCHES SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- 3. SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.
- 4. ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO ITEM 108. \_ INSULATED\_CABLE IN\_UNIT\_DUCT

TRENCH DETAIL N.T.S.

#### 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 UNIT DUCT SHALL BE TRANSFORMER TERMINATED INSIDE THE 6" SAND CUSHION-COMPACTED LIGHT BASE AND SEALED WITH HEAT SHRINK AS #6 BARE COPPER CONDUCTOR SPECIFIED: EXOTHERMIC WELD 2'-0" DIA. PRECAST ROUND OR SQUARE 5/8" x 10' COPPER CLAD GROUND ROD, MIN. 18" BELOW GRADE

### NEW BASE MOUNTED EDGE LIGHT N.T.S.

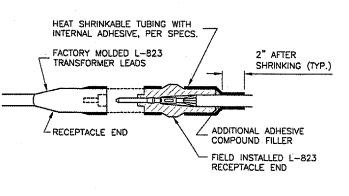
FAA LIGHT FIXTURE TYPE	LAMP WATTAGE	LAMP DESCRIPTION	TRANSFORMER TYPE	TRANSFORMER PRI/SEC	HEIGHT
L-862	120	QUARTZ/BI-PIN	L-830	6.6A/6.6A	24"
L-862E	200	QUARTZ/BI-PIN	L-830	6.6A/6.6A	24"
L-861-T	30-45	INCAN. 6.6A	L-830	6.6A/6.6A	24"



TYPE A

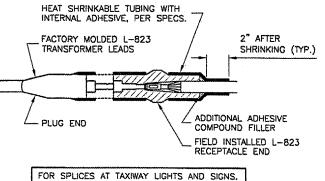
## CABLE SPLICES N.T.S. NOTES

- 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
- 3. THE CONTRACTOR SHALL HAVE A MINIMUM OF TWO (2) TYPE A SPLICE KITS ON THE JOB SITE AT ALL TIMES FOR EMERGENCY



FOR SPLICES AT TAXIWAY LIGHTS AND SIGNS.

TYPE C



TYPE D

CA003 K:\SpringfieldAp\0503503\Drow\SheeLs
FILE: ELECDET01.dwg UPDATE BY: Dove Allen
PLOT DATE: 5/7/2007 10:28 AM

> REVISIONS BY DATE

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

SPRINGFIELD AIRPORT AUTHORITY ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD, ILLINOIS

DETAIL RUNWAY

CONSTRUCT

ö



DESIGN BY: RLV CHECKED BY: RW APPROVED BY: RLM 04/24/07

IL. PROJ. NO. SPI-3488 AIP PROJ. NO. 3-17-0096-42

SHEET 44 OF 79 SHEETS