

REV.	DATE	DESCRIPTION	BY

ADDISON AIRPORT
 ADDISON, TEXAS
 RUNWAY 33 RSA IMPROVEMENTS

 ELECTRICAL
DETAILS III

 JOB NO.: 13081100
 DATE: NOV. , 2013
 DESIGNED BY: MCL
 DRAWN BY: JKS

BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

 DRAWING NUMBER
E-303

 SHEET NUMBER
50

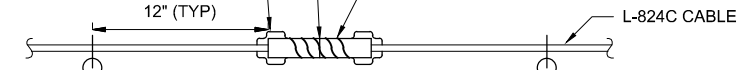
CONNECTOR NOTES:

- UTILIZE L-823 CONNECTORS ON THE CABLES IN EACH MANHOLE, HANDHOLE, LIGHT BASE, OR OTHER ACCESSIBLE LOCATION.
- PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR OTHER LONG CABLE RUNS WITHOUT CONNECTIONS, UNLESS AUTHORIZED IN WRITING BY THE ENGINEER OR SHOWN ON THE PLANS.
- INSTALL 2-PIECE HEAT SHRINK KIT ON PRIMARY CABLE CONNECTORS.
- DO NOT INSTALL HEAT SHRINK ON SECONDARY CABLE CONNECTORS OF THE ISOLATION TRANSFORMERS.

INSTALL L-823 CONNECTOR, RECEPTACLE AND PLUG ENDS.

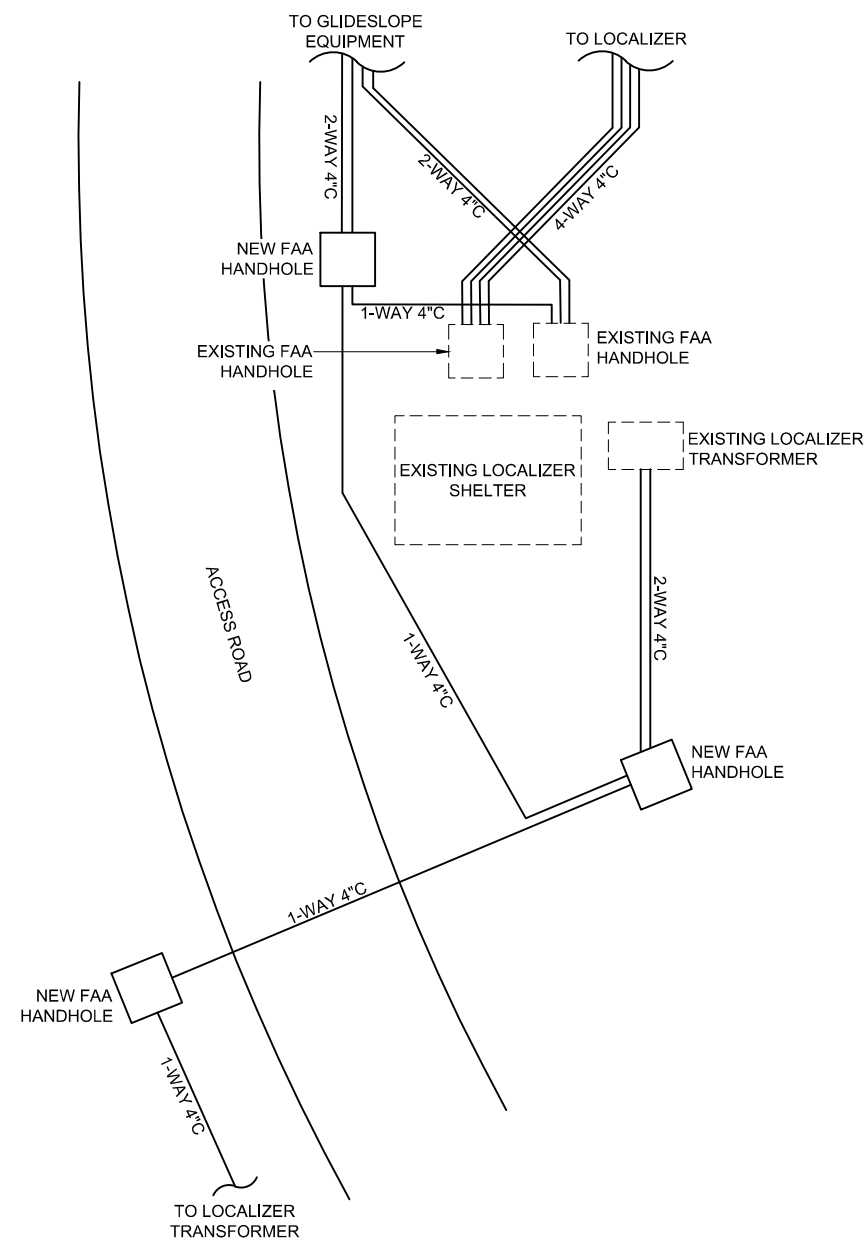
INSTALL AIRPORT LIGHTING HEAT SHRINK KITS TO SEAL ONLY THE L-823 CONNECTOR/CABLE JOINTS, EXTENDING AT LEAST 2" ON EACH SIDE OF JOINT AFTER SHRINKING, TYPICAL OF 2.

INSTALL SPIRAL WRAP TAPES ONE-HALF LAPPED, ONE LAYER OF RUBBER OR SYNTHETIC RUBBER TAPE, AND ONE LAYER OF PLASTIC TAPE, EXTENDING AT LEAST 1-1/2 INCHES ON EACH SIDE OF THE JOINT, SEE SPECIFICATIONS FOR INSTALLATION DETAILS.



INSTALL CABLE TAG 12" FROM L-823 CONNECTOR (TYPICAL BOTH SIDES OF CONNECTOR)

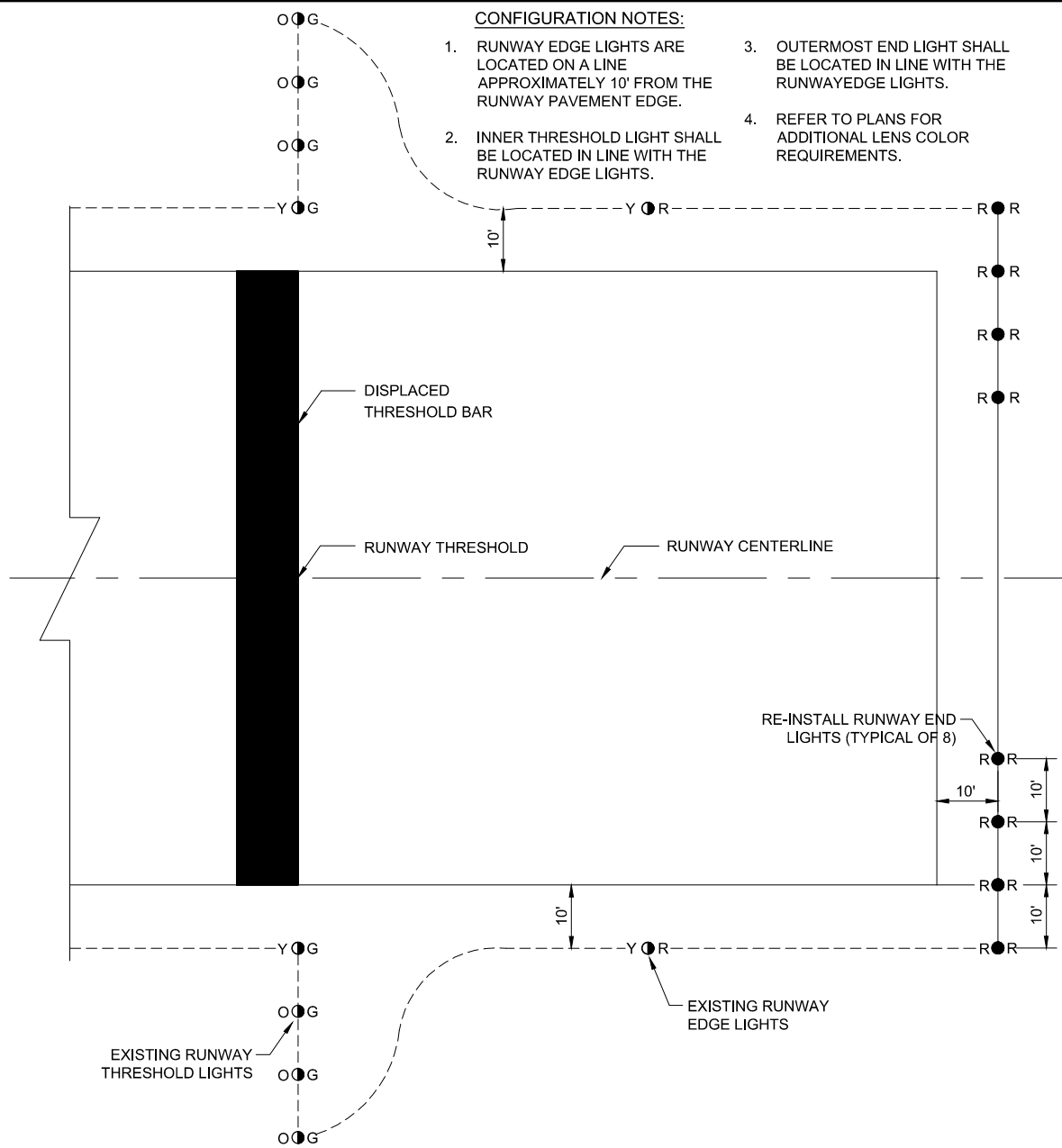
L-823 CONNECTOR INSTALLATION FOR CAN AND CONDUIT SYSTEM

 3
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SCALE: NONE

ENHANCED LOCALIZER CONDUIT ROUTING DETAIL

 4
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SCALE: NONE

CONFIGURATION NOTES:

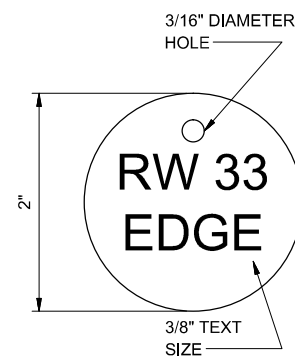
- RUNWAY EDGE LIGHTS ARE LOCATED ON A LINE APPROXIMATELY 10' FROM THE RUNWAY PAVEMENT EDGE.
- INNER THRESHOLD LIGHT SHALL BE LOCATED IN LINE WITH THE RUNWAY EDGE LIGHTS.
- OUTERMOST END LIGHT SHALL BE LOCATED IN LINE WITH THE RUNWAY EDGE LIGHTS.
- REFER TO PLANS FOR ADDITIONAL LENS COLOR REQUIREMENTS.


RUNWAY THRESHOLD/END LIGHTING CONFIGURATION

 1
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SCALE: NONE

CABLE TAG NOTES:

- ALL CABLES SHALL BE IDENTIFIED. INSTALL CABLE TAGS IN ALL ACCESSIBLE LOCATIONS INCLUDING JUNCTION BOXES, PULL BOXES, MANHOLES, HANDHOLES, AND LIGHT BASES.
- INSTALL CABLE TAGS 12" FROM THE L-823 CONNECTORS. IF NO CONNECTORS ARE REQUIRED, INSTALL A CABLE TAG NEAR EACH CABLE ENTRANCE VIA DUCT OR CONDUIT.
- CABLE IDENTIFICATION TAGS SHALL BE MADE FROM A NON-CORROSIVE MATERIAL WITH THE CIRCUIT AND/OR LOOP IDENTIFICATION NUMBER STAMPED OR ETCHED ONTO THE TAG.
- TAGS SHALL BE CIRCULAR IN SHAPE, 2-INCH MINIMUM DIAMETER AND 20 GAUGE STAINLESS STEEL.
- SECURE EACH TAG TO THE CABLE USING WEATHER AND ULTRAVIOLET RESISTANT NYLON CABLE TIES.
- TAG IDENTIFICATION TEXT SHALL BE COORDINATED WITH THE OWNER AND THE ENGINEER DURING SUBMITTALS PRIOR TO THE WORK.


TYPICAL CABLE TAG

 2
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SCALE: NONE