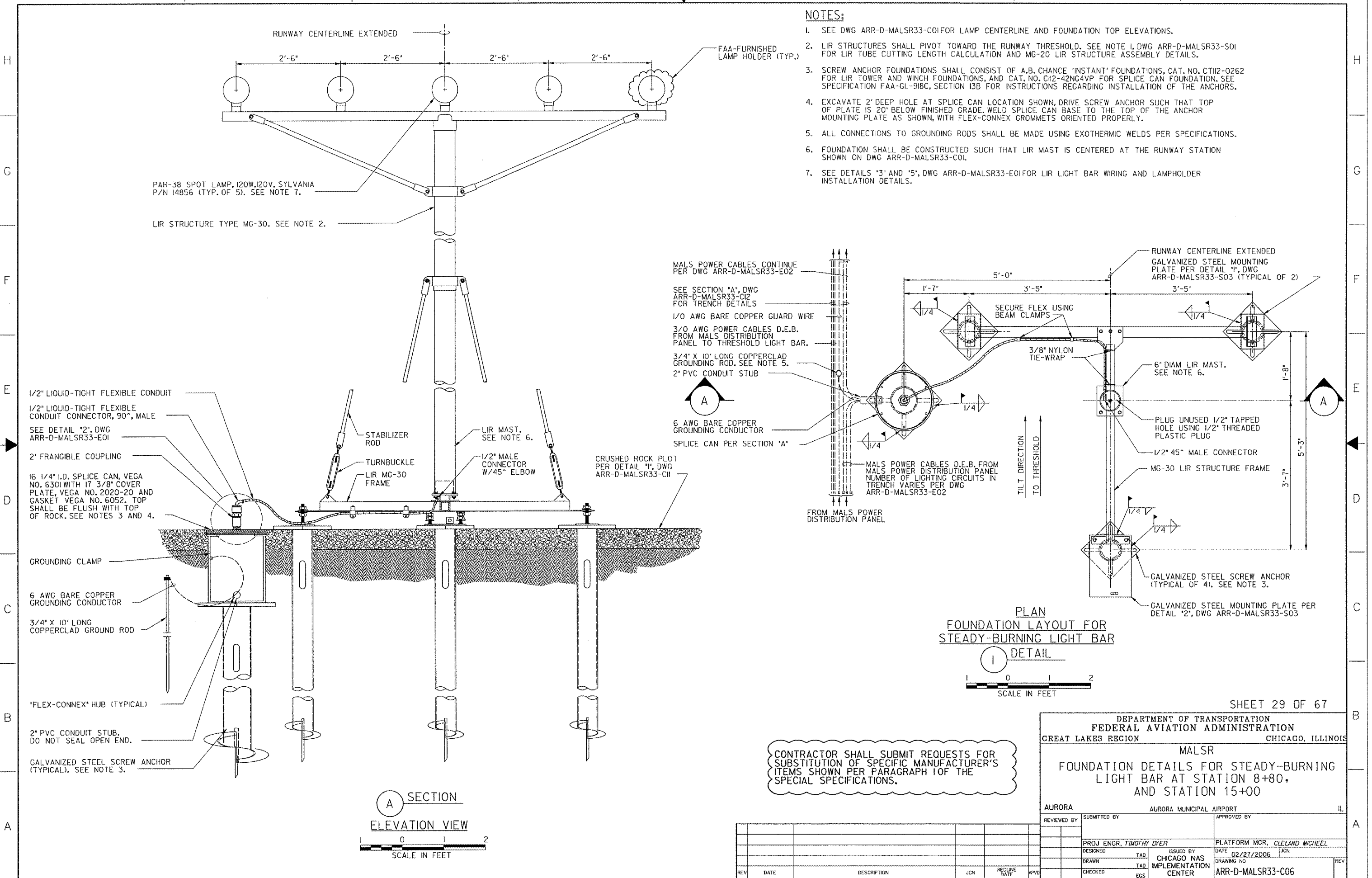


THIS DRAWING PRODUCED BY THE GREAT LAKES REGION MICROSTATION SYSTEM

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NOTES:

1. SEE DWG ARR-D-MALSR33-CO1 FOR LAMP CENTERLINE AND FOUNDATION TOP ELEVATIONS.
2. LIR STRUCTURES SHALL PIVOT TOWARD THE RUNWAY THRESHOLD. SEE NOTE 1, DWG ARR-D-MALSR33-SO1 FOR LIR TUBE CUTTING LENGTH CALCULATION AND MG-20 LIR STRUCTURE ASSEMBLY DETAILS.
3. SCREW ANCHOR FOUNDATIONS SHALL CONSIST OF A.B. CHANCE 'INSTANT' FOUNDATIONS, CAT. NO. CT112-0262 FOR LIR TOWER AND WINCH FOUNDATIONS, AND CAT. NO. CT12-42NG4VP FOR SPLICE CAN FOUNDATION. SEE SPECIFICATION FAA-GL-918C, SECTION 13B FOR INSTRUCTIONS REGARDING INSTALLATION OF THE ANCHORS.
4. EXCAVATE 2' DEEP HOLE AT SPLICE CAN LOCATION SHOWN, DRIVE SCREW ANCHOR SUCH THAT TOP OF PLATE IS 20" BELOW FINISHED GRADE. WELD SPLICE CAN BASE TO THE TOP OF THE ANCHOR MOUNTING PLATE AS SHOWN, WITH FLEX-CONNEX GROMMETS ORIENTED PROPERLY.
5. ALL CONNECTIONS TO GROUNDING RODS SHALL BE MADE USING EXOTHERMIC WELDS PER SPECIFICATIONS.
6. FOUNDATION SHALL BE CONSTRUCTED SUCH THAT LIR MAST IS CENTERED AT THE RUNWAY STATION SHOWN ON DWG ARR-D-MALSR33-CO1.
7. SEE DETAILS '3' AND '5', DWG ARR-D-MALSR33-E01 FOR LIR LIGHT BAR WIRING AND LAMPHOLDER INSTALLATION DETAILS.

MALS POWER CABLES CONTINUE PER DWG ARR-D-MALSR33-E02

SEE SECTION 'A', DWG ARR-D-MALSR33-C12 FOR TRENCH DETAILS

1/0 AWG BARE COPPER GUARD WIRE

3/0 AWG POWER CABLES D.E.B. FROM MALS DISTRIBUTION PANEL TO THRESHOLD LIGHT BAR.

3/4" X 10' LONG COPPERCLAD GROUNDING ROD. SEE NOTE 5.

2" PVC CONDUIT STUB

6 AWG BARE COPPER GROUNDING CONDUCTOR

SPLICE CAN PER SECTION 'A'

3/4" X 10' LONG COPPERCLAD GROUND ROD. SEE NOTE 5.

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SPLICE CAN PER SECTION 'A'

3/4" X 10' LONG COPPERCLAD GROUND ROD. SEE NOTE 5.

PLAN FOUNDATION LAYOUT FOR STEADY-BURNING LIGHT BAR

DETAIL 1



SECTION A ELEVATION VIEW



CONTRACTOR SHALL SUBMIT REQUESTS FOR SUBSTITUTION OF SPECIFIC MANUFACTURER'S ITEMS SHOWN PER PARAGRAPH 1 OF THE SPECIAL SPECIFICATIONS.

SHEET 29 OF 67

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
GREAT LAKES REGION CHICAGO, ILLINOIS

MALSR
FOUNDATION DETAILS FOR STEADY-BURNING
LIGHT BAR AT STATION 8+80,
AND STATION 15+00

AURORA		AURORA MUNICIPAL AIRPORT	
REVIEWED BY	SUBMITTED BY	APPROVED BY	
DESIGNED	TAD	PLATFORM MGR,	CLELAND MICHEEL
DATE	02/21/2006	JCN	
DRAWN	TAD	ISSUED BY	CHICAGO NAS
CHECKED	EGS	IMPLEMENTATION	CENTER
		DRAWING NO	ARR-D-MALSR33-C06

REV	DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

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