

NOTES:

1. SEE PLAN AND PROFILE DRAWING FOR LAMP CENTERLINE AND FOUNDATION TOP ELEVATIONS.
2. LIR TOWER SHALL PIVOT TOWARD THE RUNWAY THRESHOLD. SEE NOTE 1, DWG DKB-D-MALSR02-S01 FOR LIR TUBE CUTTING LENGTH CALCULATION AND STRUCTURE ASSEMBLY DETAILS.
3. SEE PROJECT SPECIAL PROVISIONS FOR EXCAVATION AND BACKFILL REQUIREMENTS. EXCAVATION SHALL BE SHORED OR SHAPED PER OSHA REQUIREMENTS.
4. SEE PROJECT SPECIAL PROVISIONS FOR CONCRETE FORM WORK, REINFORCEMENT, MATERIAL, PLACEMENT, AND CURING SPECIFICATIONS.
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 DKB-D-MALSR02-C01.
7. SEE DETAILS '3', DWG DKB-D-MALSR02-E-03 AND '6', DWG DKB-D-MALSR02-E04 FOR LIR LIGHT BAR WIRING AND LAMPHOLDER INSTALLATION DETAILS.
8. THE SPLICE SHALL BE A SPECIFICATION FAA-E-1315A, L867D LIGHT BASE, CLASS I, 16 1/4" I. D., 24" DEEP, JAQUITH CAT. NO. AC63242020301 WITH 3/8" COVER PLATE, JAQUITH CAT. NO. AK2002-06 OR CAT NO. AP2832 AND GASKET, JAQUITH CAT. NO. 10530281. THE PLYWOOD SHIPPING COVER SHALL BE USED AS CONCRETE FORM TO PROVIDE 5/16" WIDE AIR GAP IN CONCRETE AROUND BASE PLATE. TOP OF COVER SHALL BE FLUSH WITH TOP OF CONCRETE FOUNDATION.

PAR-38 SPOT LAMP, 120W, 120V, SYLVANIA P/N 14856 (TYPICAL OF 5). SEE NOTE 7.

2" PVC CONDUIT STUB. CABLES CONTINUE D.E.B. TO SPLICE CAN AT NEXT LIGHT STATION PER DWG DKB-D-MALSR02-E01 (EXCEPT AT STATION 2+10)

POWER CABLES D.E.B. FROM MALS DISTRIBUTION PANEL TO THRESHOLD LIGHT BAR. SEE DWG DKB-D-MALSR02-E01.

SPLICE CAN PER NOTE 8

1/0 AWG BARE COPPER GUARD WIRE IN TRENCH

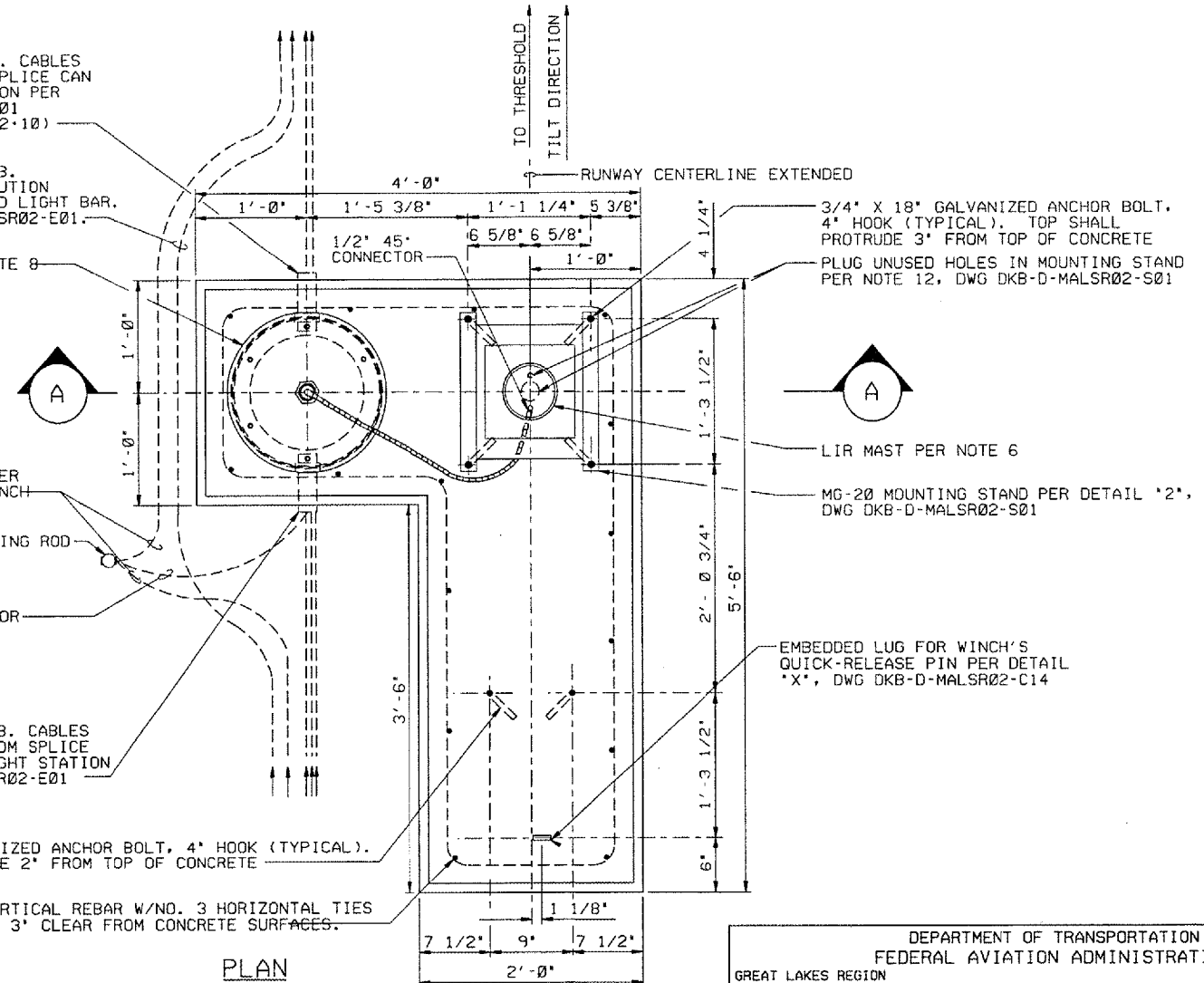
3/4" X 10' LONG COPPERCLAD GROUNDING ROD

6 AWG BARE COPPER GROUNDING CONDUCTOR

2" PVC CONDUIT STUB. CABLES CONTINUE D.E.B. FROM SPLICE CAN AT PREVIOUS LIGHT STATION PER DWG DKB-D-MALSR02-E01

3/4" X 18" GALVANIZED ANCHOR BOLT, 4" HOOK (TYPICAL). TOP SHALL PROTRUDE 2" FROM TOP OF CONCRETE

NO. 4 GRADE 60 VERTICAL REBAR W/NO. 3 HORIZONTAL TIES 1' O.C. MAINTAIN 3" CLEAR FROM CONCRETE SURFACES.



PLAN
REINFORCED CONCRETE FOUNDATION

1 **DETAIL**

SCALE IN FEET

1/2" LIQUID-TIGHT FLEXIBLE CONDUIT
1/2" LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTOR, 90°, MALE

SEE DETAIL '7', DWG DKB-D-MALSR02-E04
2" FRANGIBLE COUPLING

SPLICE CAN PER NOTE 8

GROUNDING CLAMP

3/4" X 10' LONG COPPERCLAD GROUNDING ROD

6 AWG BARE COPPER GROUNDING CONDUCTOR

FLEX-CONNEX HUB (TYPICAL)

2" PVC CONDUIT STUB. CABLES CONTINUE D.E.B. FROM SPLICE CAN AT PREVIOUS LIGHT STATION PER DWG DKB-D-MALSR02-C01 SEE DWG DKB-D-MALSR02-E01.

ELEVATION SECTION

SCALE IN FEET

LIR STRUCTURE TYPE MG-20. SEE NOTE 2.

6" DIAM LIR MAST. SEE NOTE 6.

MG-20 MOUNTING STAND PER DETAIL '2', DWG DKB-D-MALSR02-S01

1" CHAMFER

CRUSHED ROCK PLOT PER DETAIL '8', DWG DKB-D-MALSR02-C13

1/2" 45° CONNECTOR

PLOT DATE: 08/28/2007 11:02 AM
 FILE: C:\PROGRAMS\AUTOCAD\DRAWINGS\DEKALB\AIRPORT\PROJECTS\MALSR\02-SHEETS\MALSR02-S01.DWG
 PLOT SCALE: 1" = 10'-0"
 USER: JLA

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

MALSR
FOUNDATION DETAILS FOR STEADY-BURNING
LIGHT BAR AT STATIONS 6+30, AND 8+40
RUNWAY 02

DEKALB DEKALB TAYLOR MUNICIPAL AIRPORT IL

REVIEWED BY	SUBMITTED BY	APPROVED BY
PROJ. ENGR.	PLATFORM MGR.	
DATE	TAD	DATE
DRAWN	TAD	ISSUED BY
DRAWN	EGS	CHICAGO NAS IMPLEMENTATION CENTER
		DRAWING NO.
		DKB-D-MALSR02-C07