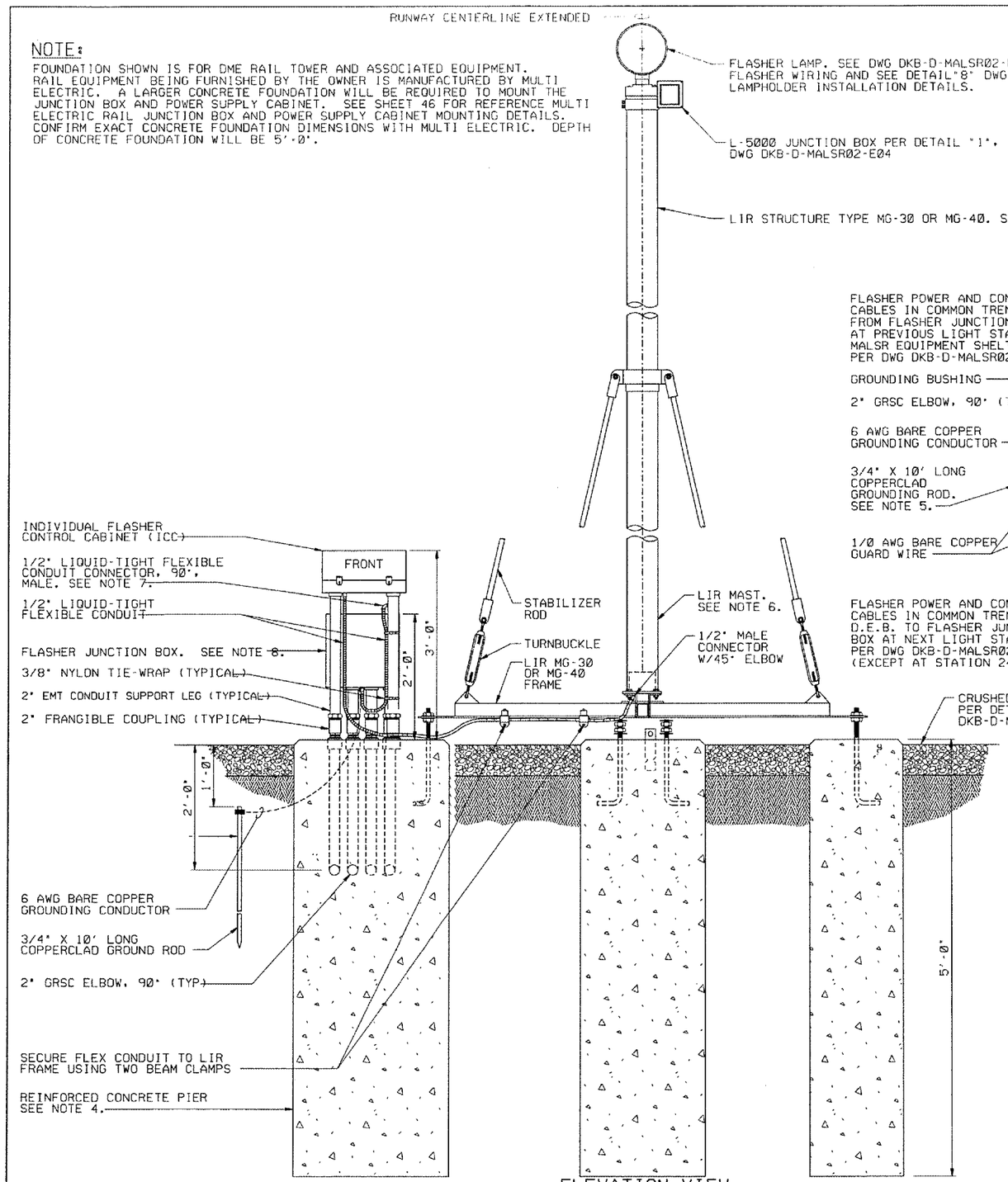
NOTE:

FOUNDATION SHOWN IS FOR DME RAIL TOWER AND ASSOCIATED EQUIPMENT. RAIL EQUIPMENT BEING FURNISHED BY THE OWNER IS MANUFACTURED BY MULTI ELECTRIC. A LARGER CONCRETE FOUNDATION WILL BE REQUIRED TO MOUNT THE JUNCTION BOX AND POWER SUPPLY CABINET. SEE SHEET 46 FOR REFERENCE MULTI ELECTRIC RAIL JUNCTION BOX AND POWER SUPPLY CABINET MOUNTING DETAILS. CONFIRM EXACT CONCRETE FOUNDATION DIMENSIONS WITH MULTI ELECTRIC. DEPTH OF CONCRETE FOUNDATION WILL BE 5'-0".

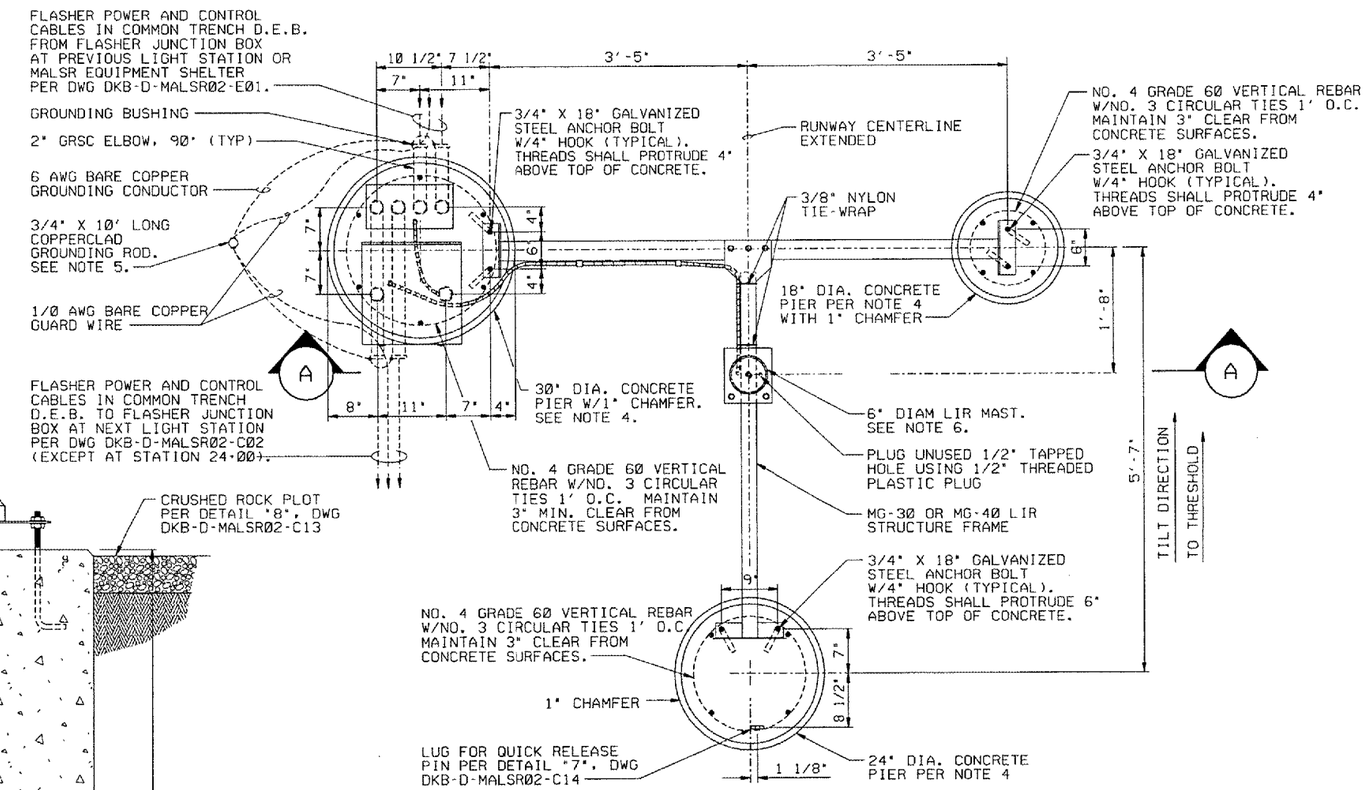
NOTES:

1. SEE PLAN AND PROFILE DWG FOR LAMP CENTERLINE AND FOUNDATION TOP ELEVATIONS.
2. LIR STRUCTURE 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-C02.
7. DRILL HOLE IN SIDE OF 2" EMT CONDUIT LEG OF ICC AND INSTALL 90° 1/2" FLEX CONDUIT CONNECTOR WITH 1/2" FLEX CONDUIT FROM JUNCTION BOX. ROUTE POWER AND CONTROL CABLES THROUGH FLEX CONDUIT, INTO EMT LEG AND INTO ICC. SEAL PENETRATION USING SILICONE SEALER.



ELEVATION VIEW
(A) SECTION

1 0 1 2
SCALE IN FEET



PLAN
FOUNDATION LAYOUT FOR MG-30 OR MG-40 LIR TOWER W/FLASHER
(1) DETAIL

1 0 1 2
SCALE IN FEET

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

MALSR

FOUNDATION DETAILS FOR FLASHER AT STATIONS 22+10 AND 24+00 RUNWAY 02

DEKALB — DEKALB TAYLOR MUNICIPAL AIRPORT — IL

REVIEWED BY	SUBMITTED BY	APPROVED BY
PROJ. ENGR.		PLATFORM MGR.
DATE / TAD	ISSUED BY: CHICAGO NAS IMPLEMENTATION CENTER	DATE / JCN
DRAWN / TAD		DRAWING NO. DKB-D-MALSR02-C12 / REV
DRAWN / EGS		

DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

PLOT DATE : 04\19\2007, 01:20 PM
FILE NAME : I:\AIRPORTS\DEKALB\802-06ELEC\AIRPORT\SHEETS\MICRO-STATION SHEETS\MALSR\MG-30 OR MG-40 FLSHR ON CONC FOR MALSR DEB.DGN
PLOT SCALE : 1:20 1" / IN.
USER NAME : BAKR