

∠MOUNTING FRAME

3/4"ø x 10' GROUND ROD

RCAG STRUCTURE (BUEC/SFO SIMILAR)

BIMETALLIC CONNECTOR. ROBBINS CAT. NO. A341 OR EQUAL-

#4/0 BARE COPPER GROUND WIRE

ÄTTACH TO MOUNTING FRAME WITH

TO GROUND ROD AT

CABLE JUNCTION BOX

ONE HOLE CLAMP 3 PLACES -

EXOTHERMIC CONNECTION ~

MOUNTING FRAME~

3/4"ø x 10' GROUND ROD

TACAN MOITOR STRUCTURE

#4/0 BARE COPPER GROUND WIRE

ÄTTACH TO MOUNTING FRAME WITH

TO GROUND ROD AT

CABLE JUNCTION BOX

ONE HOLE CLAMP 3 PLACES -

EXOTHERMIC CONNECTION ~

NOTES- FOR JUNCTION BOX EXTENSION

1. FABRICATE FROM 14 GA. STEEL & ANGLES AS INDICATED.

- 2. FLANGE TOP & FRONT EDGES 1"± AS INDICATED. WELD ALL JOINTS & GRIND SMOOTH
- 3. REINFORCE TOP OF BOX WITH $\angle 1 \times 1 \times 1/8$ WELDED TO THE
- 4. WELD ∠1 x 1 x 1/8 TO THE LOWER FRONT COVER AS SHOWN 5. BOLT JUNCTION BOX EXTENSION TO THE BOTTOM OF THE NEMA 3R BOX WITH 1/4" SS BOLT, NUT & LOCKWASHER-7 PLACES
- 6. UPPER FRONT COVER- ATTACH 16 PLACES WITH 1/4" SS THREAD CUTTING SCREWS.
- 7. LOWER FRONT COVER- ATTACH 8 PLACES WITH 1/4" SS THREAD CUTTING SCREWS.
- 8. JUNCTION BOX EXTENSION SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
- 9. FABRICATE 2 JUNCTION BOX EXTENSIONS FOR EACH FIBERGLASS ANTENNA STRUCTURE INSTALLATION.

1 7/7/05 REDRAWN ON AUTOCAD DA REV DATE DESCRIPTION JOB NO. APPROVED



www.jaquith.com 315-478-5700

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION CENTRAL REGION - KANSAS CITY, MISSOURI

-DRILL HOLE AND CONNECT #2/0 INSULATED

(GREEN W/RED STRIP) GROUND PLATE

WITH SOLDERLESS GROUNDING LUG.

GROUNDING PLATE DETAIL (FOR CABLE JUNCTION BOX-2 REQD.) LIGHTNING PROTECTION & MISC DETAILS JAQUITH NL-40 FIBERGLASS ANTENNA STRUCTURES

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REVIEWED BY:		DESIGNED BY:	ISSUED BY				SUBMITTED BY:
	DRAWN BY: C.J.E		AIRWAY FACILITIES DIVISION				
	CHECKED BY:		ENGINEERING BRANCH				APPROVED BY:
							DATE: 5-10-89
SECTOR:							DRAWING NO.
		ALPHA TY & CL	ATS LOC	AF/REM	AF/CON	R/CCC	CE-D-7778-5