E GROUND ROD (AT-8985)
DESCRIPTION AND USE
STANDARD MATERIALS
DROP AND BLOCK WIRING

CONTENTS PAGE

1. GENERAL

1.01 This section describes the E ground rod (AT-8985) and its use.

1.02 When this section is reissued, the reason for the reissue will be listed in this paragraph.

1.03 The E ground rod (AT-8985) replaces the D ground rod (AT-7181), which has been rated manufacture discontinued (Mfr Disc.).

2. DESCRIPTION

2.01 The E ground rod (AT-8985) is a 5-foot length of round (1/2-inch diameter) galvanized steel rod which is beveled at one end, as shown in Fig. 1. The bevel at one end of the ground rod allows the rod to be driven into the ground under most soil conditions.

3. USE

3.01 The E ground rod is used as a ground electrode where an outside earth ground is required.

3.02 All ground wire terminations to the rod must be made with a C ground clamp (Fig. 2), which must be ordered separately.

4. INSTALLATION

4.01 Insulating rubber gloves and eye protection must be used when the E ground rod is being installed. Using a hammer, drive the ground rod (vertically) into the earth. If rock is encountered, the rod may be angled to allow full insertion of the rod into the earth. The rod must be driven deep enough so the top will be 2 to 3 inches below the surface area.

4.02 After the rod is driven to the proper depth, it must be tested with the ***Stop Lite*** tester (Section 081-705-102) to detect any hazardous voltage. If hazardous voltage is present, ***do not touch the energized rod.*** Notify your supervisor immediately.

4.03 The C ground clamp and No. 6 ground wire must be attached approximately 1 inch from the top of the rod. The open area above the ground rod must be filled level with the surrounding area.

5. ORDERING

5.01 Orders are worded as follows:

(Quantity) Rod, Ground, E.

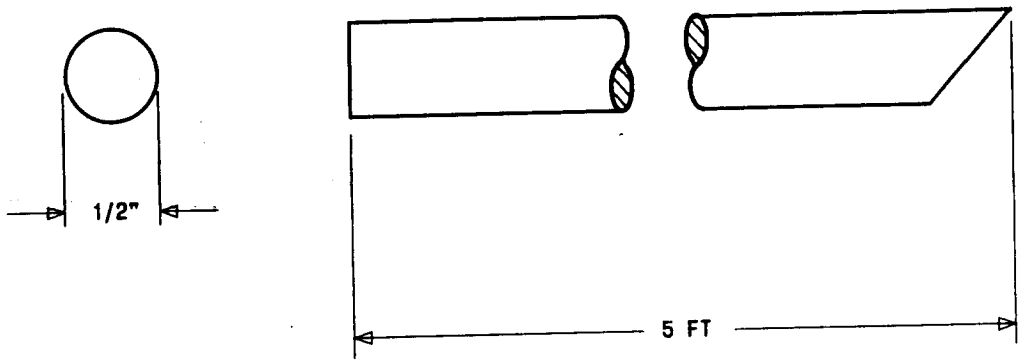

Fig. 1—E Ground Rod (AT-8985)

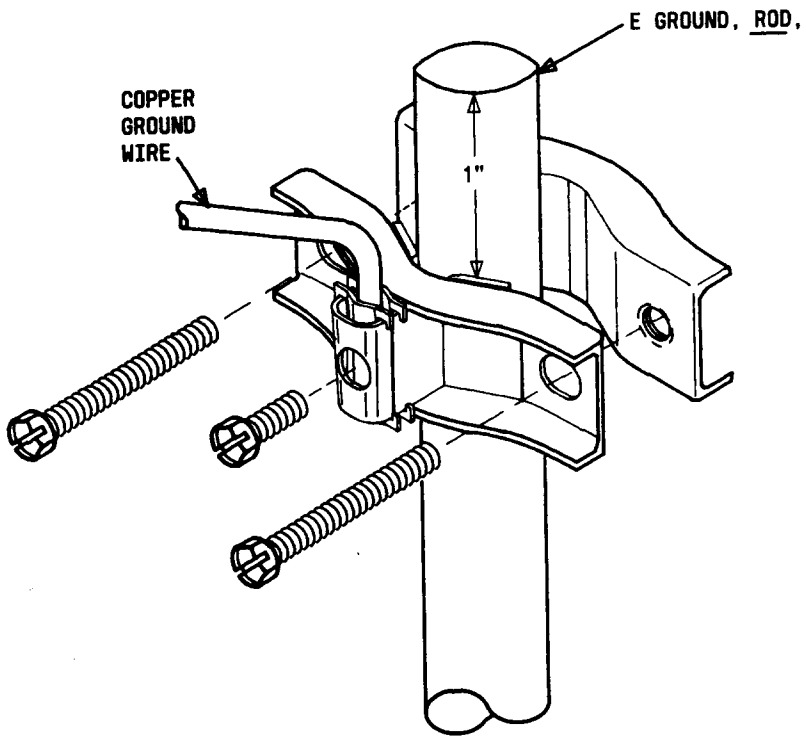

Fig. 2—Ground Wire Attachment to E Ground Rod