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BELL SYSTEM PRACTICES
Outside Plant Construction and Maintenance

SECTION G38.119.2
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AT&T Co Standard

1530 TYPE INDUCTORS
PLACING

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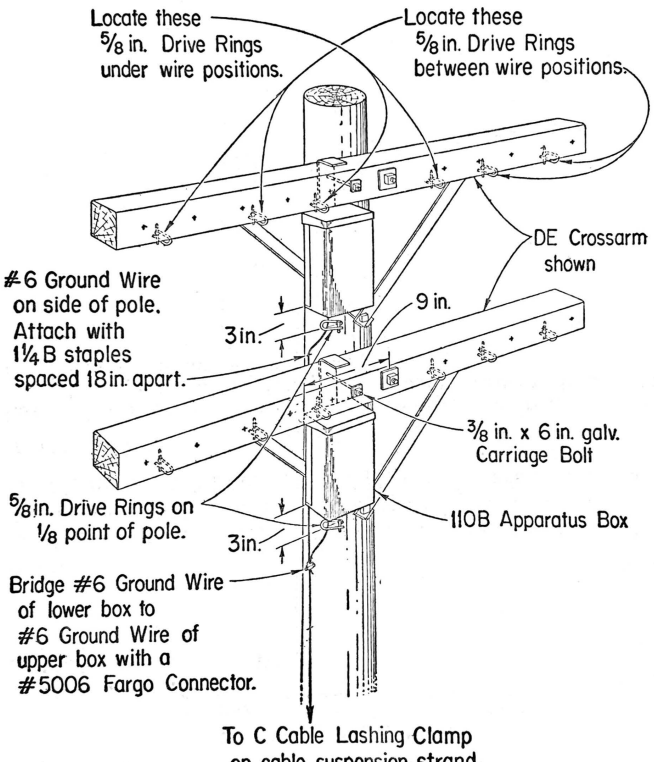
1. GENERAL

1.01 This section covers the procedures for placing 1530 type inductors at junctions of open wire or drop wire and cables containing carrier pairs.

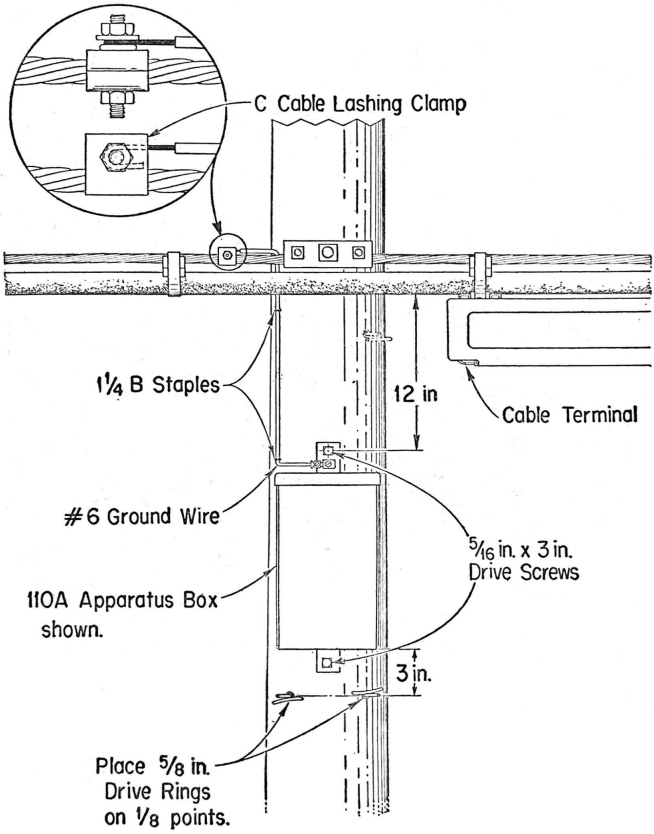
2. INSTALLING 110A AND 110B APPARATUS BOXES

2.01 **Open Wire and Cable Junctions:** Mount a 110B Apparatus Box on each crossarm whose open wire circuits require suppression. Place No. 6 ground wire and wiring rings at the time of mounting the apparatus box. Mounting details are shown below.

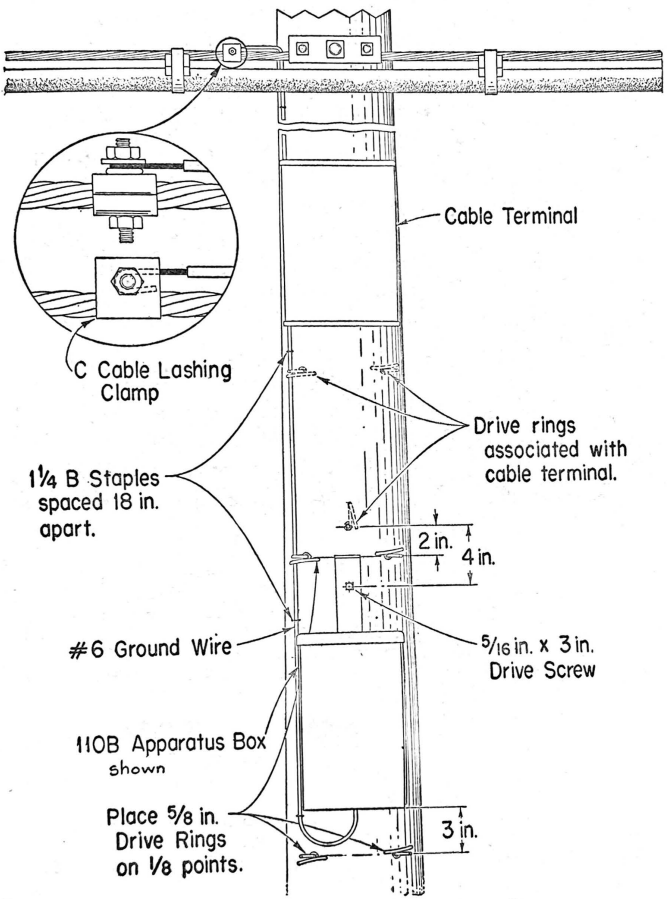


2.02 **Drop and Cable Junctions**—Where drop wires require suppression locate the Apparatus Box close to the cable terminal.

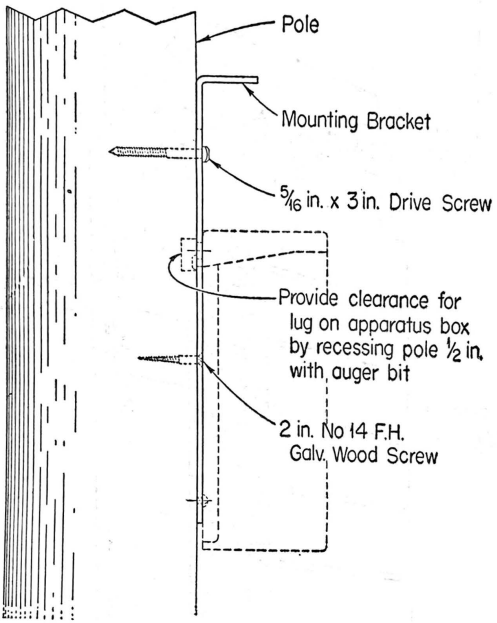
(a) **Strand Mounted Terminal Locations**—Mount the 110 Type Apparatus Box and associated ground wire and wiring rings as shown below.



(b) **Pole Mounted Terminal Locations**—Mount the 110 Type Apparatus Box and associated ground wire and wiring rings on the pole as shown below.

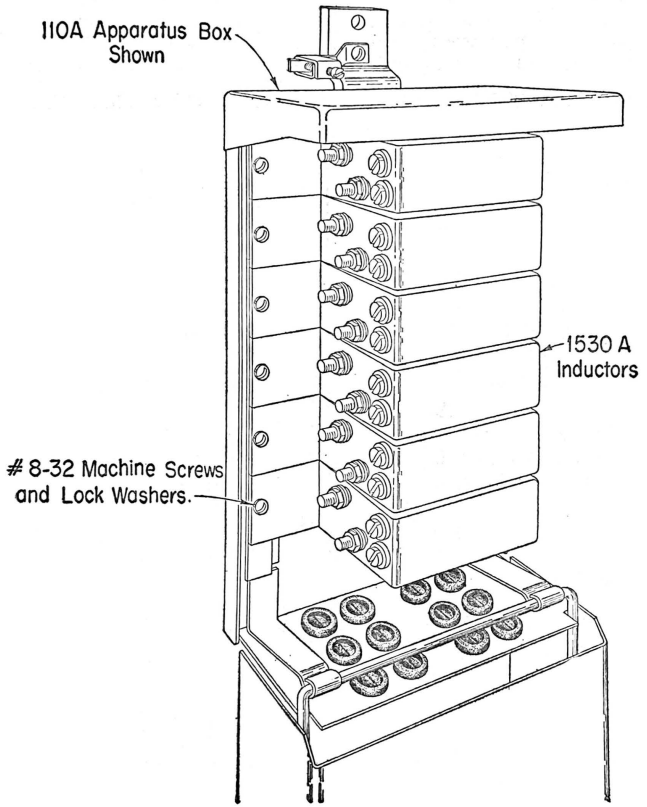


(c) Where the 110B Apparatus Box is used to house inductors on poles, detach the mounting bracket from the box and attach it to the pole as shown below.



3. MOUNTING 1530 INDUCTORS IN APPARATUS BOXES

3.01 The capacity of the 110A and 110B Apparatus Boxes is six 1530A Inductors or three 1530B Inductors. When placing inductors in numbers less than the capacity of the apparatus box, locate the first one at the bottom of the box and progress upward. Position the inductors with the protectors to the left side of the box.

3.02 Fasten the mounting plate of the inductor to the internal brackets of the apparatus box by means of the two 8-32 R. H. Machine screws furnished with each inductor.

3.03 An Apparatus Box equipped with inductors is shown below.