BELL SYSTEM PRACTICES
Outside Plant Construction and Maintenance

SECTION G32.150.1
Issue 1, April, 1954
AT&T Co Standard

DROP AND BLOCK WIRING
DROP WIRE RUNS ON BUILDINGS

Contents **Page**

1. GENERAL

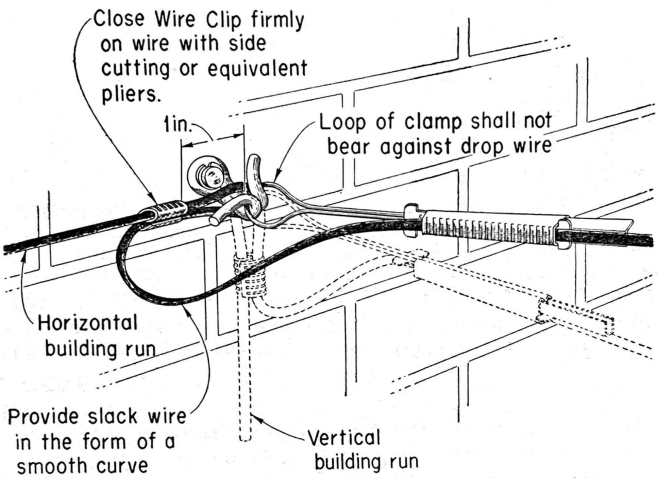
1.01 This section replaces Section G32.150, Issue 3. It covers methods of running drop wire on outside building walls.

1.02 In placing drop wire between a pole and a subscriber's building, first support the wire on the first building attachment and then run it to the distribution pole. This procedure avoids handling the drop wire under tension at the first building attachment.

2. FIRST ATTACHMENTS ON BUILDINGS

2.01 **Drop Wire Hook**—Secure drop wire as illustrated below:

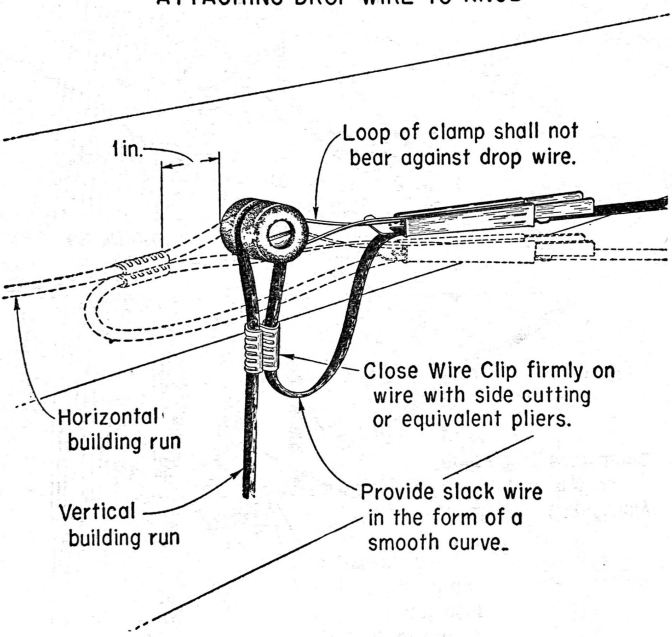
ATTACHING DROP WIRE TO DROP WIRE HOOK



2.02 Where a second drop wire hook is required, attach it as close as practicable to the first hook but not on the same brick.

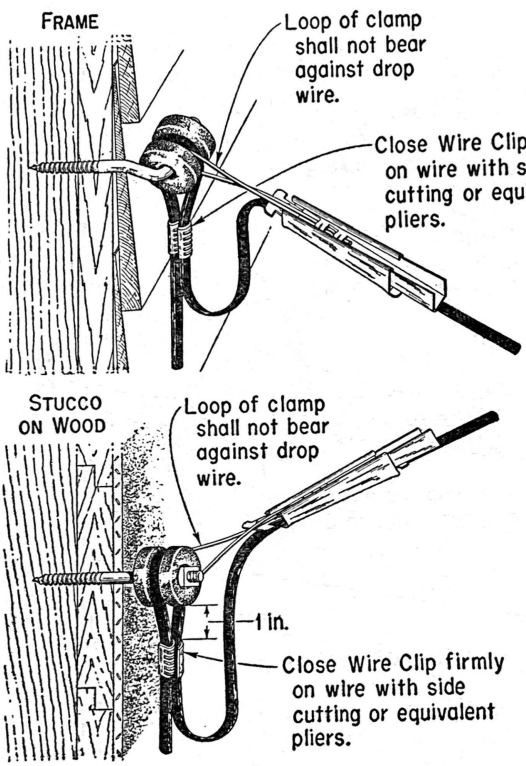
2.03 **S and T Knobs**—Secure drop wire as illustrated below:

ATTACHING DROP WIRE TO KNOB



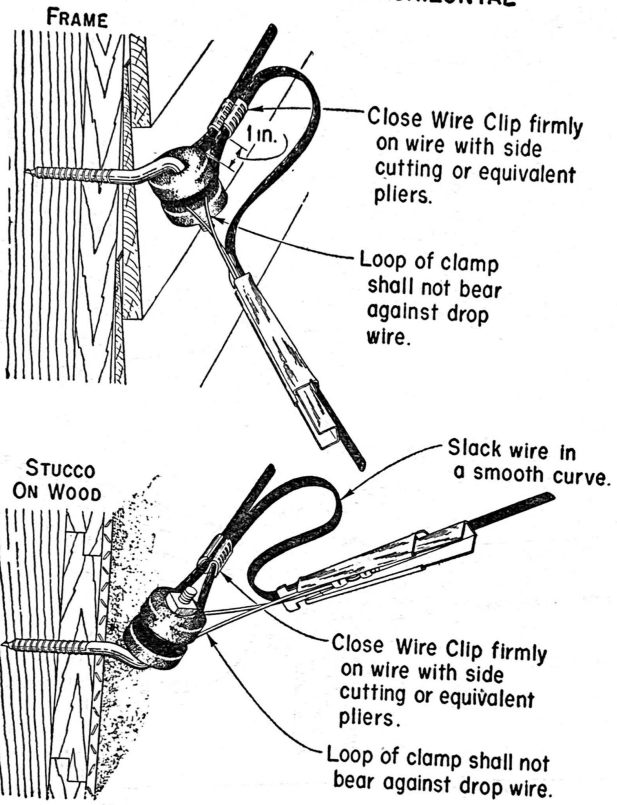
2.04 **Angle Screws**—Secure drop wire as illustrated below:

ATTACHING DROP WIRE TO ANGLE SCREW WHERE BUILDING RUN IS VERTICAL



Note: Align angle screw so that pull of drop will not tend to turn it.

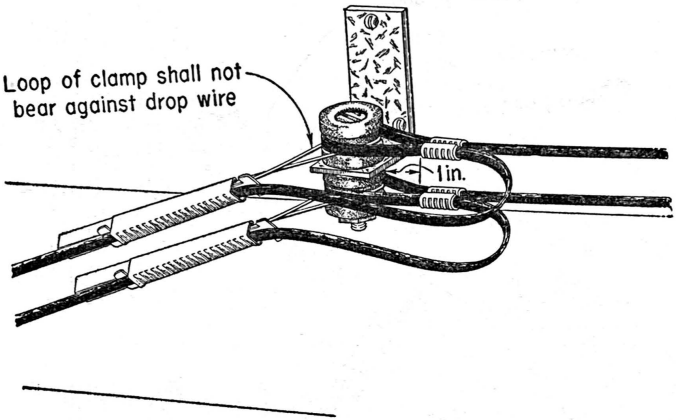
ATTACHING DROP WIRE TO ANGLE SCREW WHERE BUILDING RUN IS HORIZONTAL



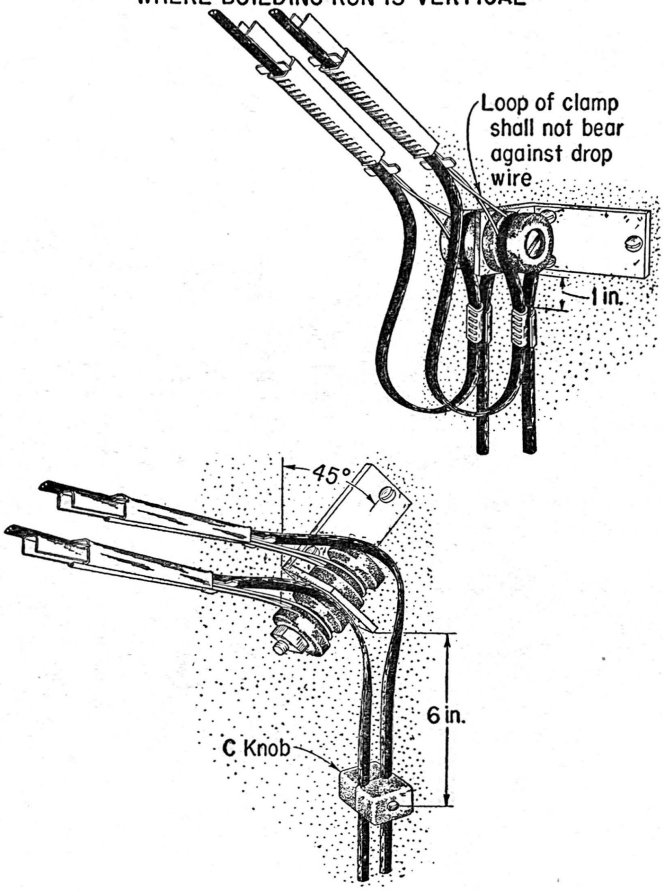
Note: Align angle screw so that pull of drop will not tend to turn it.

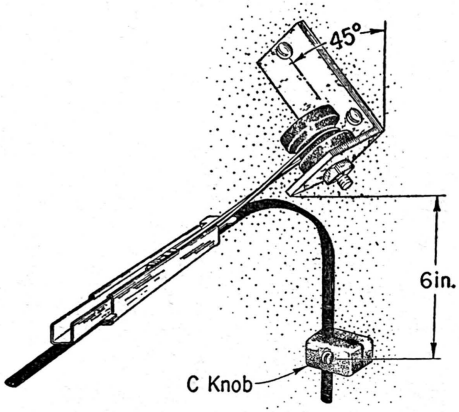
2.05 **House Brackets**—Secure drop wire as illustrated below:

ATTACHING DROP WIRE TO HOUSE BRACKET
WHERE BUILDING RUN IS HORIZONTAL



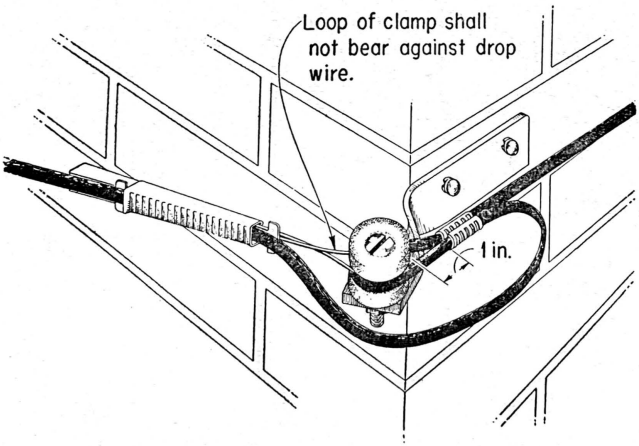
ATTACHING DROP WIRE TO HOUSE BRACKET
WHERE BUILDING RUN IS VERTICAL





2.06 **Corner Brackets**—Secure drop wire as illustrated below:

ATTACHING DROP WIRE TO CORNER BRACKET



3. INTERMEDIATE ATTACHMENTS ON BUILDINGS

3.01 The distance between attachments should not exceed 9 feet on horizontal runs and 12 feet on vertical runs.

3.02 Evenly space the intermediate attachments on horizontal and vertical runs of wire.

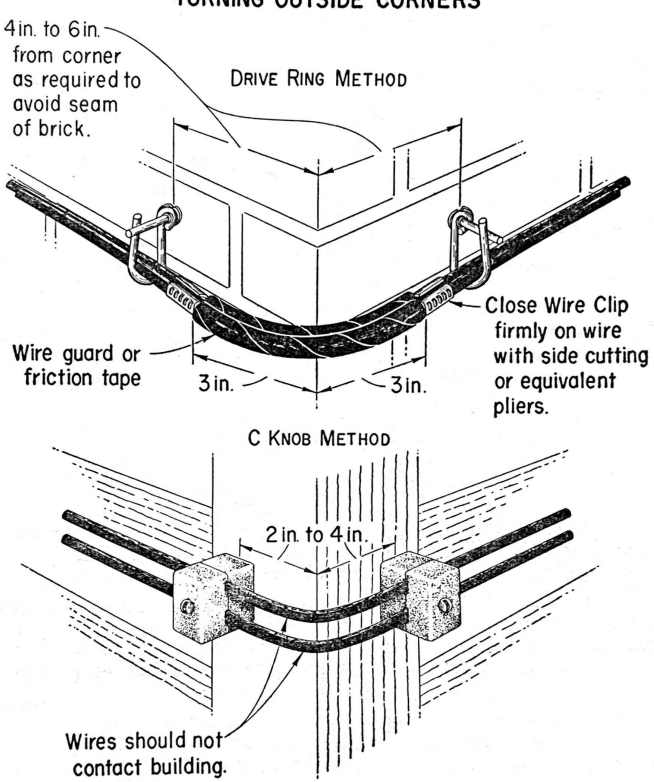
3.03 Space intermediate attachments closer than the limits indicated in Paragraph 3.01 where needed to prevent the wire from slapping against building walls and annoying occupants.

3.04 Use **drive rings** as intermediate attachments on all drop wire runs **except where drops connect to open wire circuits and the building walls are flammable** such as wood, stucco on wood and metal siding on wood.

3.05 Use **insulated screw eyes** on drops connecting to open wire circuits and where the building walls are flammable such as wood, stucco on wood and metal siding on wood.

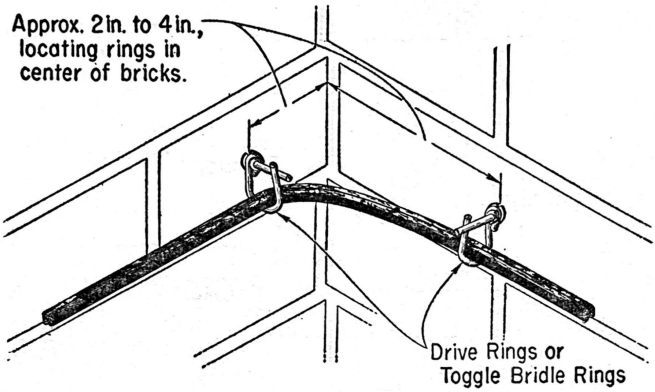
4. TURNING BUILDING CORNERS

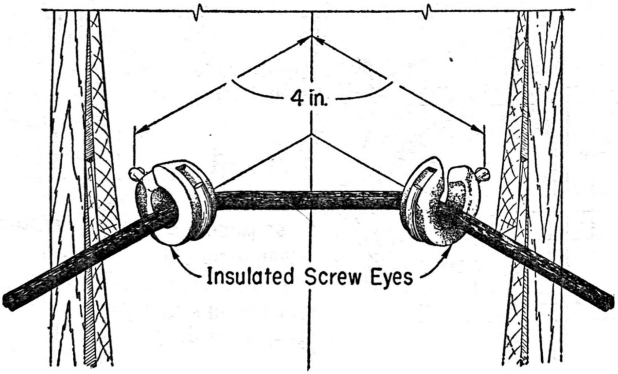
4.01 **Outside Corners**—Make turn as illustrated below:



4.02 **Inside Corners**—Make turn as illustrated below:

TURNING INSIDE CORNERS

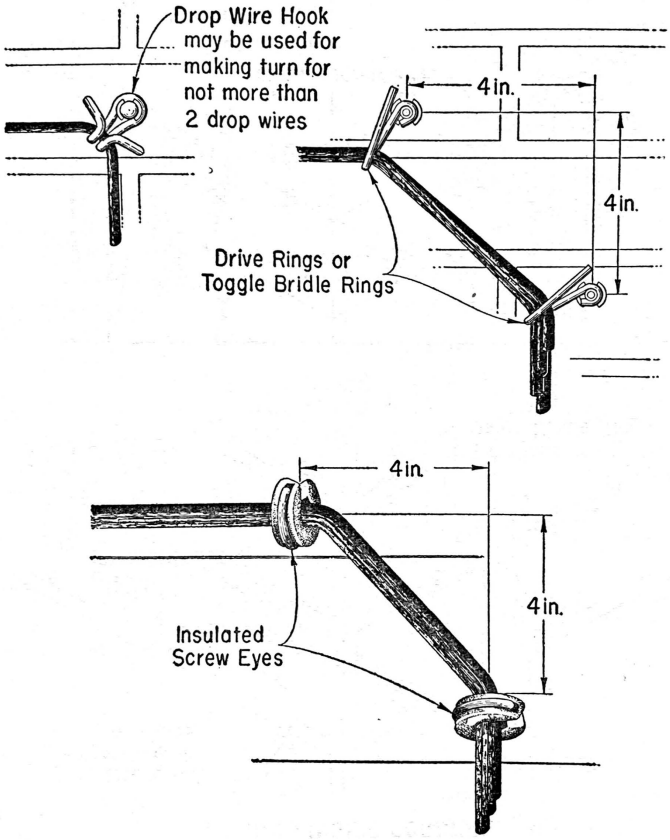




5. CHANGING DIRECTION OF RUN

5.01 Change direction of wire runs on walls by any of the following methods.

CHANGING DIRECTION OF RUN

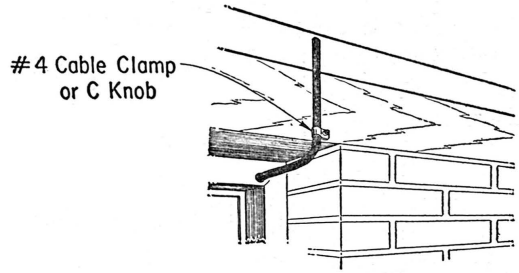


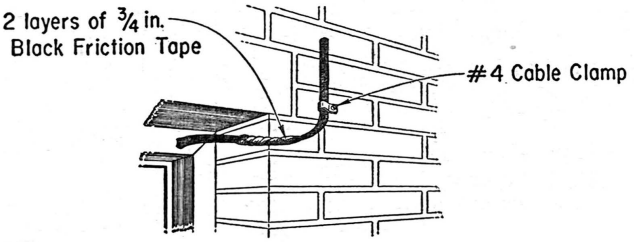
6. LAST ATTACHMENTS ON BUILDINGS

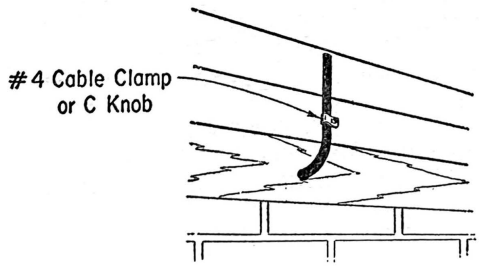
6.01 Locate last attachment preferably below the building entrance within a distance of 18 inches.

6.02 Typical installations of last attachments are illustrated below.

LAST ATTACHMENT WHERE ENTRANCE HOLE SLOPES UPWARD FROM OUTSIDE
(No drip loop required)







LAST ATTACHMENT WHERE ENTRANCE HOLE SLOPES DOWNWARD FROM OUTSIDE
(Drip loop required)