

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G32.130.1
Issue 1, May, 1953
AT&T Co Standard

DROP AND BLOCK WIRING

WIRING 101B WIRE TERMINALS

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1. GENERAL

1.01 This section covers the wiring of 101B Wire Terminals in the bridging of service drops on poles and walls and in the distribution of drops from open wire circuits.

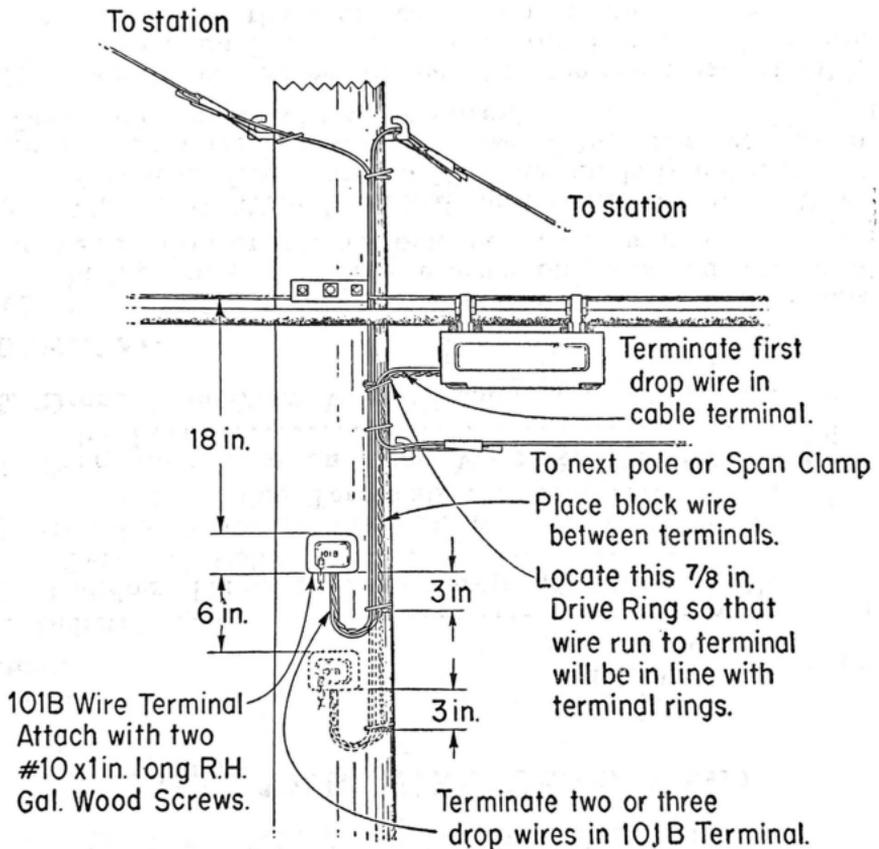
1.02 The 101B Wire Terminal supersedes the 101A Wire Terminal. The wiring of 101A terminals is not included in this section since it is already covered in other sections of the Drop and Block Wiring Practices.

1.03 Two drops may be connected to the same pair of cable terminal binding posts. Where three or four drops are to be connected to the same cable pair termination or where two drops are to be bridged to a drop wire in the line at the same pole, use a 101B Wire Terminal in the manner described herein.

2. BRIDGING THREE OR FOUR DROP WIRES ON CABLE TERMINAL POLES

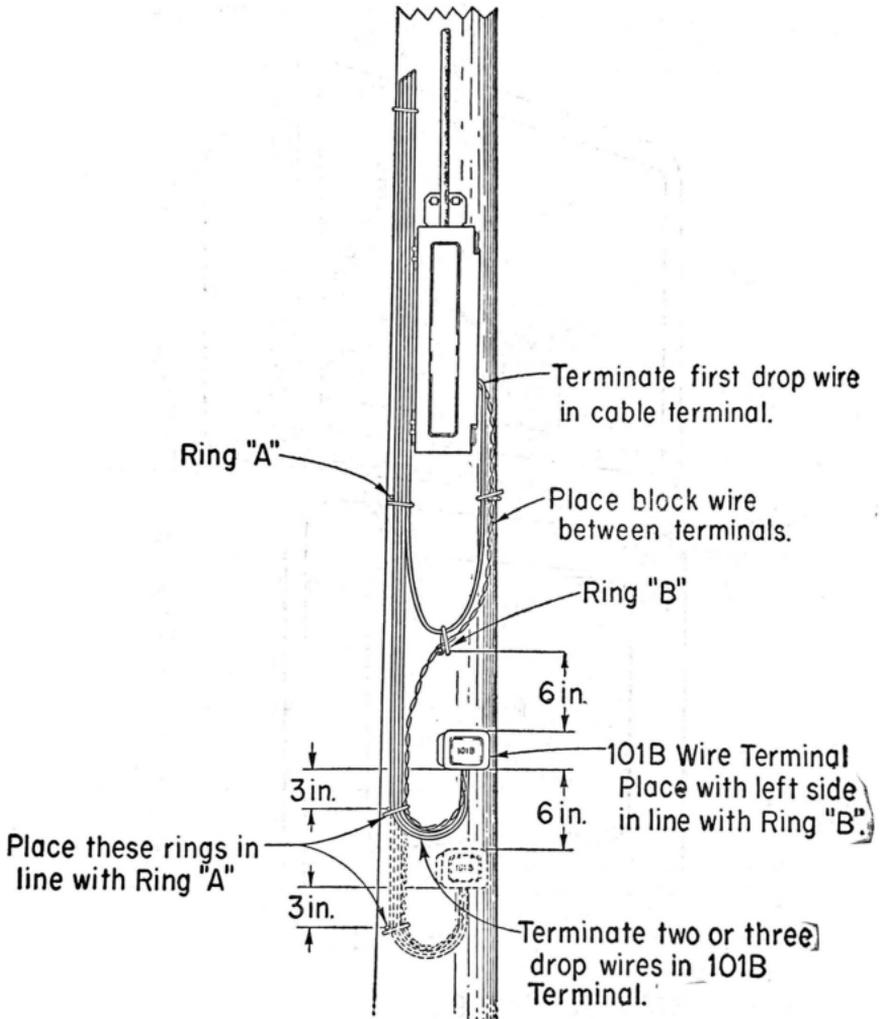
2.01 Sheath Mounted Terminals

Locate the 101B Wire Terminal on the cable side of the pole about 18 inches below the strand. Terminate one drop in the cable terminal, bridle to the wire terminal and connect the remaining two or three drops in the wire terminal as illustrated below:



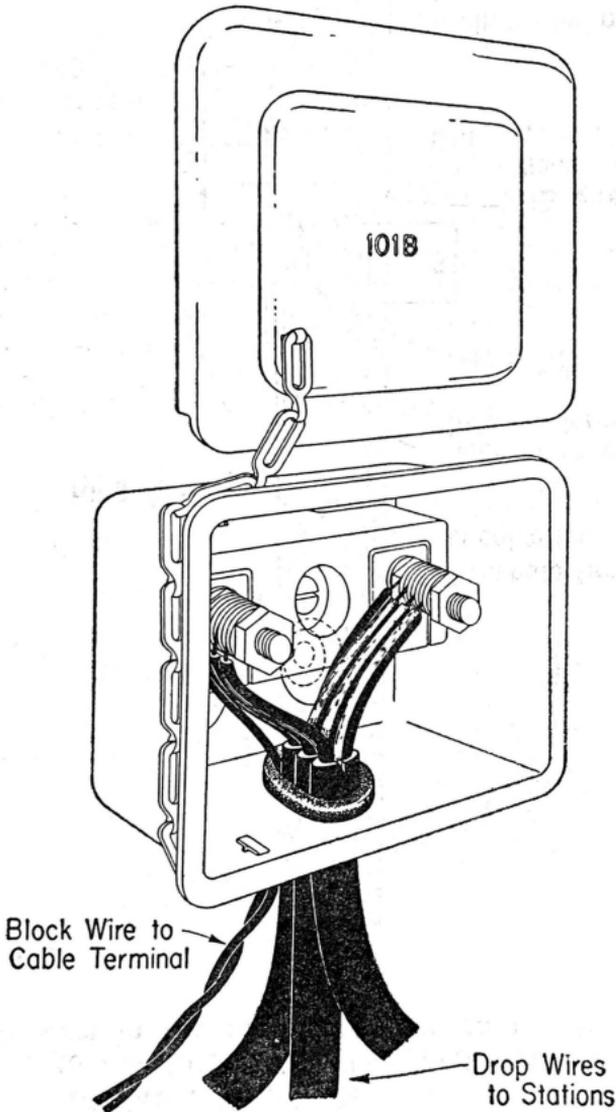
2.02 Pole Mounted Terminals

Locate the 101B Wire Terminal below the cable terminal and wire in the manner shown in the following illustration.



2.03 Terminate drop and block wires in the 101B Wire Terminal as illustrated below. Place the block wire extending from the cable terminal under the drop wire termination on the binding posts.

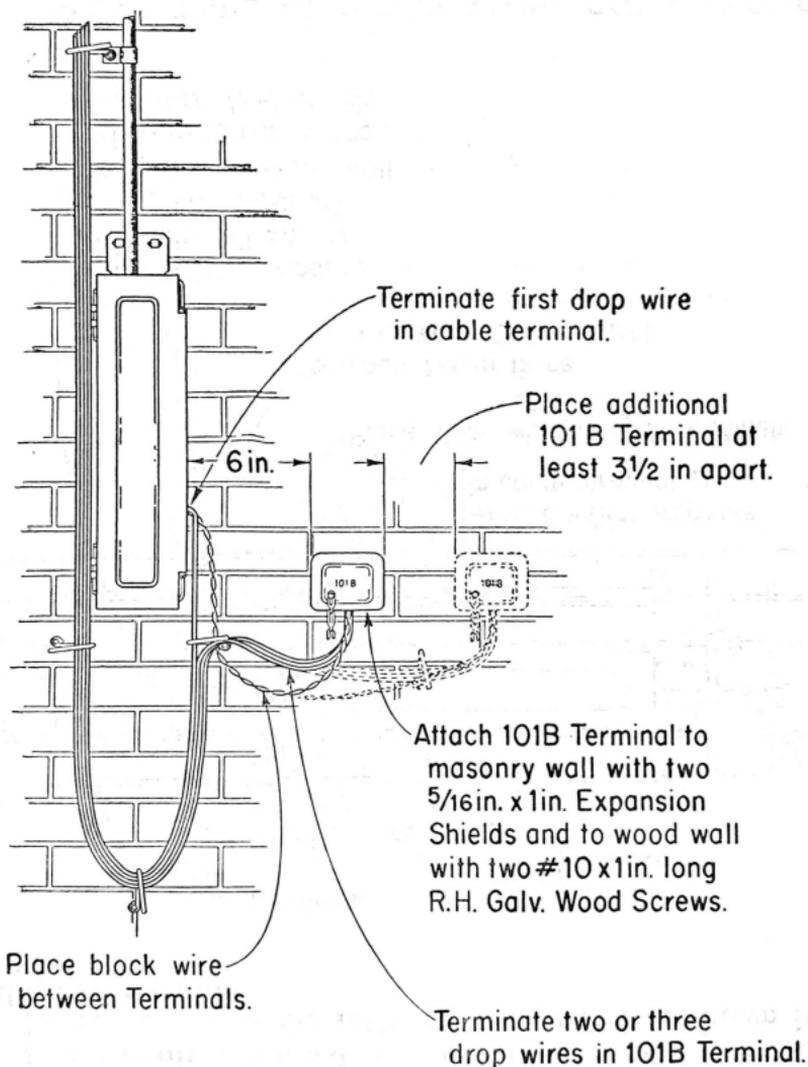
101B WIRE TERMINAL



3. BRIDGING THREE OR FOUR DROP WIRES AT WALL MOUNTED CABLE TERMINALS

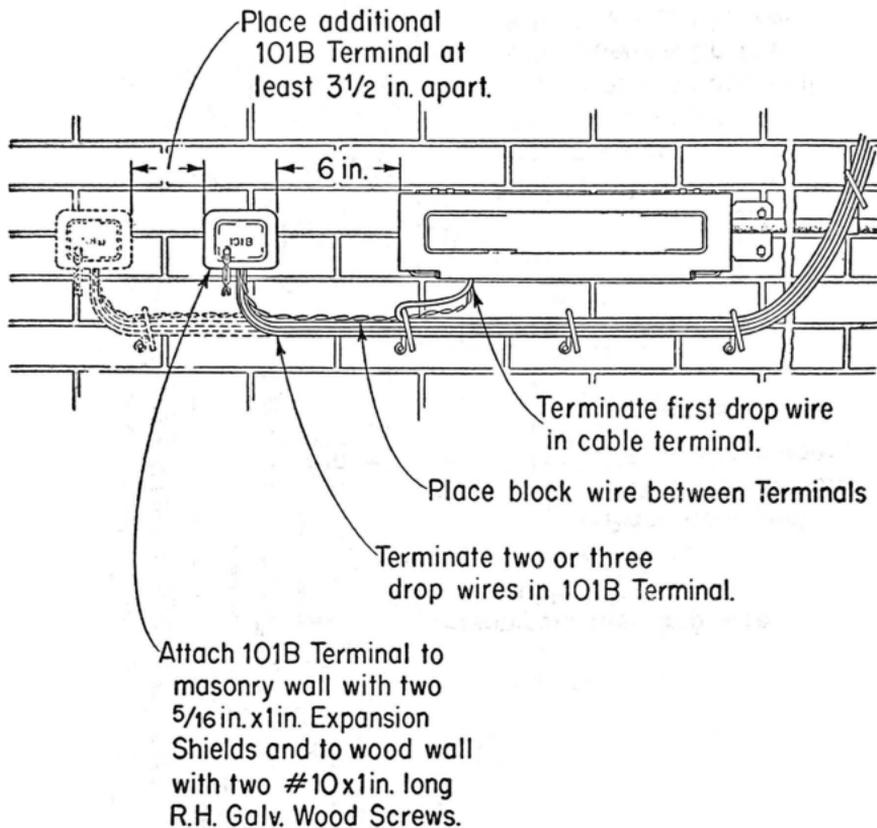
3.01 Vertically Mounted Terminals

Locate and wire the 101B Wire Terminal as shown in the following illustration. Where two or more wire terminals are used, each terminal is independently connected to a pair of cable terminal binding posts. No interconnection between wire terminals is required for party-line association.



3.02 Horizontally Mounted Terminals

Locate and wire the 101B Wire Terminal as shown in the following illustration.



4. PARTY-LINE TAPS ON DROP WIRE RUNS ALONG THE LEAD

4.01 Tap at Intermediate Points

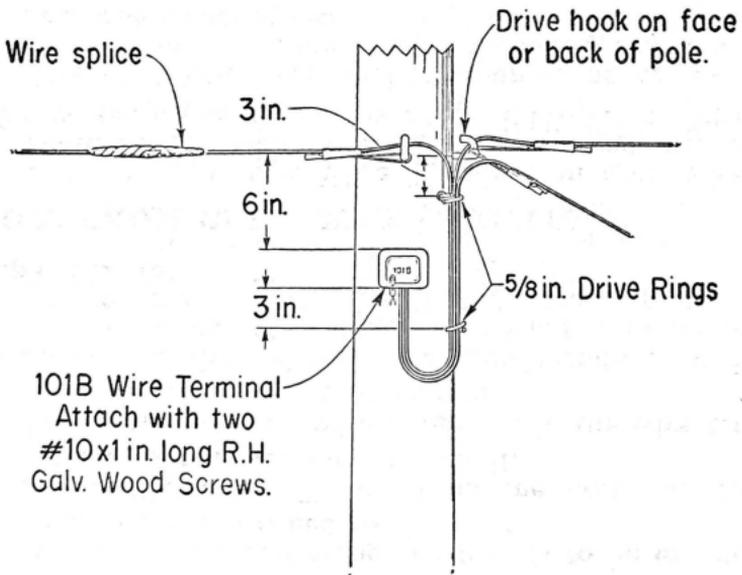
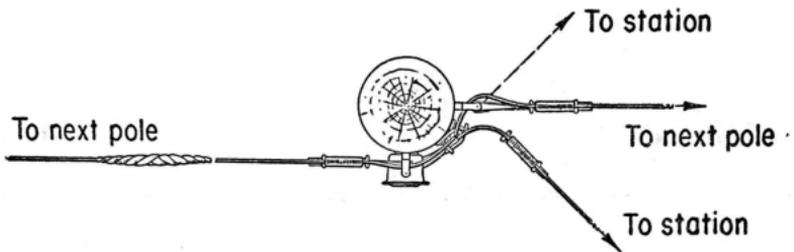
To make an intermediate party tap along the lead proceed as follows:

- (1) Install a 101B Wire Terminal on the pole directly below the drive hook.
- (2) Place a second drive hook on the face or back of the pole at the same level as the existing hook supporting the through drop wire.

(3) After testing to make sure the line is not in use, cut the through drop wire about 2 feet from the first drive hook. The Drop Wire Puller can be used to hold the wire before the cut is made.

(4) Splice a piece of drop wire to the short end of the through drop wire supported by the Drop Wire Puller. Install a drop wire clamp on the spliced wire and place it on the new drive hook on the face or back of the pole.

(5) Place drive rings on pole and run the wire through them and terminate the two ends of the through drop wire on the binding posts of the wire terminal. Terminate the bridging drop wire in the wire terminal on top of the through wire connections. The complete party-line tap is illustrated below.



4.02 Tap at End of Run

If a drop wire run along the lead is to be extended to an additional station proceed as follows:

- (1) Place 101B Wire Terminal on the pole and cut the existing subscriber circuit into it.
- (2) Terminate the drop wire extension in the wire terminal to make the bridging connection.
- (3) Splice out the existing drop and terminate it in the wire terminal. The complete wiring arrangement is similar to that shown in the illustrations in Paragraph 4.01 (5).

5. DROPS FROM OPEN WIRE CIRCUITS

5.01 The usage of 101A Wire Terminal on drop wire connections to open wire circuits covered in Section G32.129.1 is applicable to the usage of 101B Wire Terminals.

5.02 The 101B Wire Terminal is mounted on crossarms or poles of open wire lines by means of two No. 10 x 1 inch R.H. galvanized wood screws.