

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G56.651.2
Issue 1, January, 1960
AT&TCo Standard

B BURIED CABLE TERMINAL PLACING

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1. GENERAL

1.01 This section describes the method of placing the B Buried Cable Terminal and the mounting arrangements with which it can be used.

1.02 One 6-pair terminal block is provided with each terminal. Additional blocks, if required should be placed as outlined in Section G56.651.4, Terminating.

2. MOUNTING ARRANGEMENTS

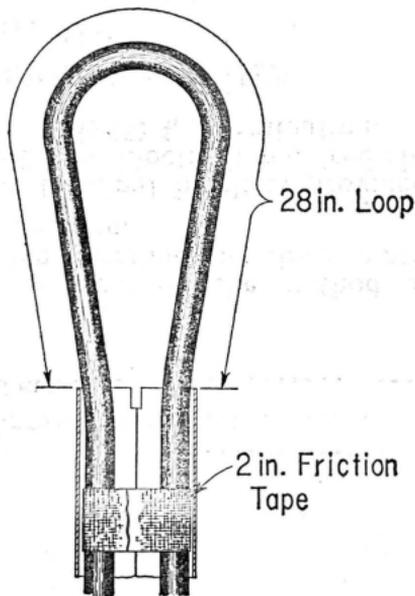
B Cable Terminal Post

2.01 The steel post is used for mounting the B Buried Cable Terminal. If the cable and wire are trenched the post should be set in the trench first when practicable. This will provide the workman an exact reference point for measuring the loop of slack to be provided at each terminal. Also, the post and post cover will protect the cable until the terminal work is completed. This, of course, will be impracticable on plowed cable unless the terminals are being offset a reasonable distance from the main cable path.

2.02 The terminal post should be driven into the ground until approximately 30 inches remain above the estimated finished grade. Use a post driver if available. If the post driver is not used place a block of wood over the end of the post to protect it from damage by the hammer blows.

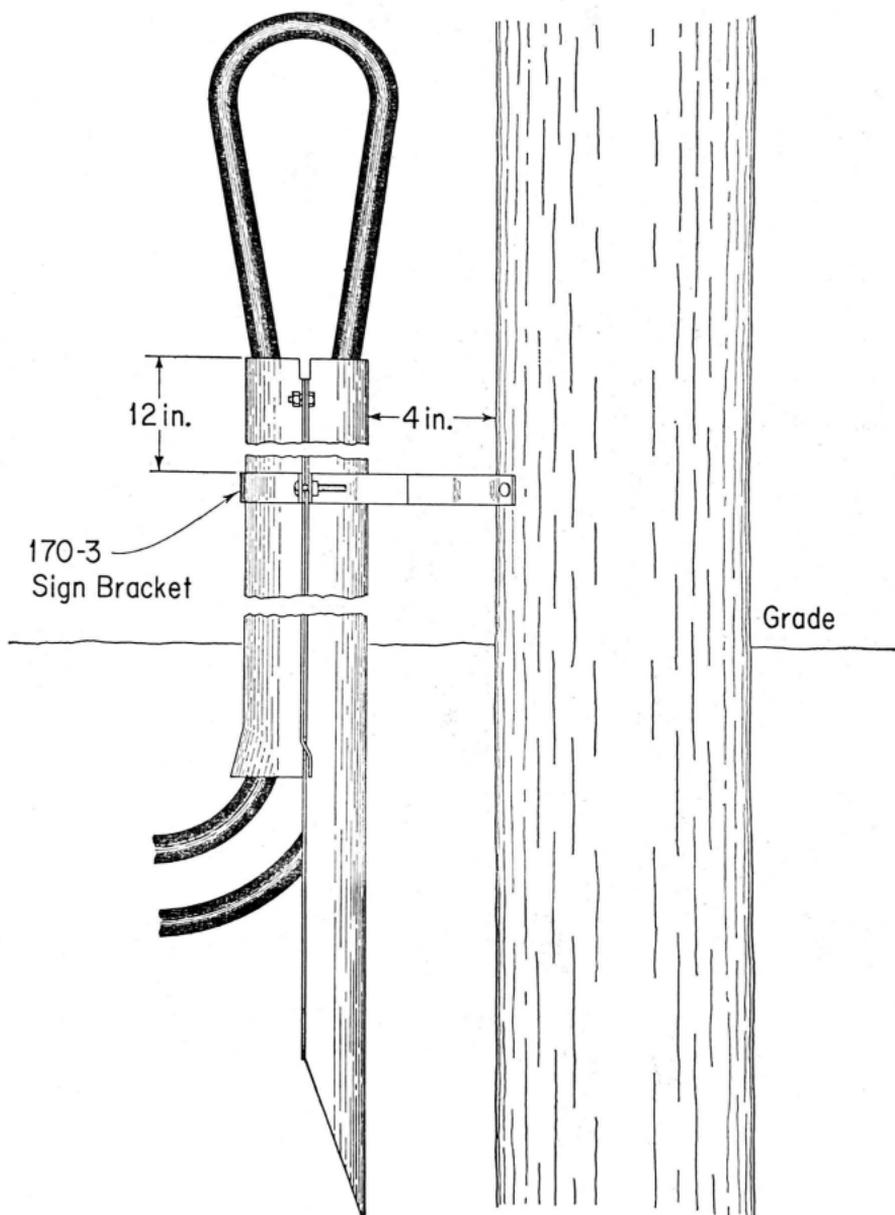
2.03 A flange assembly is available as an optional part for use in stabilizing the terminal post where soft or sandy soil conditions may prevail. The terminal post contains two square holes, spaced 3 inches apart, and located approximately 37 inches below the top of the post. The flanged plate contains 4 holes permitting the flange to be attached to the post either parallel or perpendicular to the cable path.

2.04 The terminal requires a cable loop of 28 inches, measured from the top of the post, for the sheath opening. Secure the looped cable near bottom, center and top of post with several turns of 2-inch friction tape and install the post cover. If the sheath opening is to be made at this time defer placing post cover as it will be in the way of subsequent operations. Refer to Section G56.651.3 for details on sheath preparation.



2.05 If the service wires are placed at the same time as the cable a minimum wire length of 18 inches shall be left in the terminal above the base plate. Each service wire should be marked with a suitable tag indicating the house address. The service wire shall be taped to the cable loop in the terminal.

2.06 At junctions between buried cable and rural or urban wire, open wire or drop wire, the terminal should be placed near the pole. It is generally advisable to anchor the post to the pole. A suggested arrangement is illustrated below.

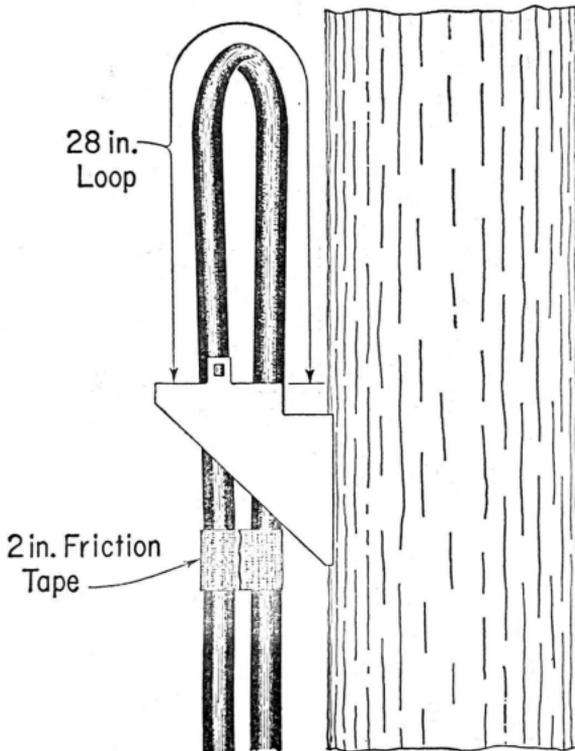


B Cable Terminal Bracket

2.07 The bracket is used at locations where the terminal is mounted on a wall or a pole.

2.08 If the height for mounting the terminal is not specified on the detail plans follow the instructions covering wall mounting and pole mounting N type terminals at lateral installations.

2.09 After the terminal height has been established allow a cable loop of 28 inches above the top edge of the bracket for the sheath opening. Place a U Guard over the exposed cable from the top of the bracket to just below the estimated finished grade. If the sheath opening is to be made at this time defer placing the U Guard as it will be in the way of subsequent operations.



2.10 The table below covers the anchoring devices to be used with various types of materials. For pole mounting, four 1/4-inch by 2 1/2-inch drive screws are required.

<u>Type of Wall</u>	<u>Anchoring Device</u>
Masonry	Four 1/4 in. by 1-1/4 in. Drive Anchors
Hollow Tile	Four 1/4 in. by 4 in. Toggle Bolts
Wood	Four 1-1/2 in. No. 14 R.H. Gal. Wood Screws

3. MOUNTING TERMINAL

- 3.01 Feed the prepared cable loop through the opening of the base plate.
- 3.02 Fasten the base plate to the terminal post and post cover or mounting bracket using the round head carriage bolts provided. Install the bolts with the heads on the inside of the post or bracket.
- 3.03 Place dome cover over completed terminal and install warning decal on cover.