

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G56.650.2
Issue 1, August, 1958
AT&T Co Standard

BURIED CABLE TERMINALS

KS-16551 TERMINALS

PLACING

Contents	Page
1. General	1
2. Placing Terminal Posts—List 1 & 2	1
3. Placing Mounting Brackets—List 3 & 4 Terminals	4
4. Installing Terminal	5
5. Installing Additional Terminal Blocks	5
6. Placing Dome Cover and Decals	5

1. GENERAL

- 1.01 This section describes the method of placing the KS-16551 List 1, 2, 3, and 4 Terminals.
- 1.02 The type terminal to be used (post or bracket mounting, will be specified on the detail plans.

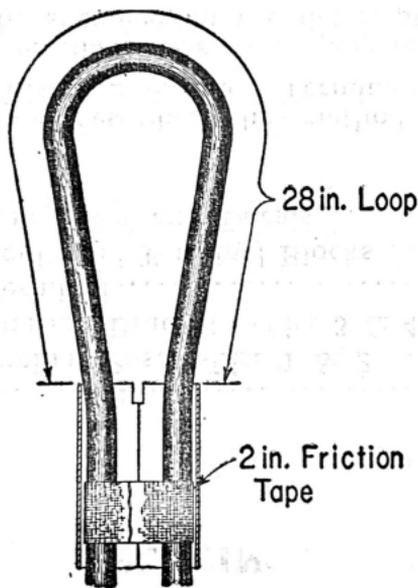
2. PLACING TERMINAL POSTS—LIST 1 & 2

2.01 If the cable is trenched the posts should be installed in advance of the cable installation. With the post in place the workmen will have 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.

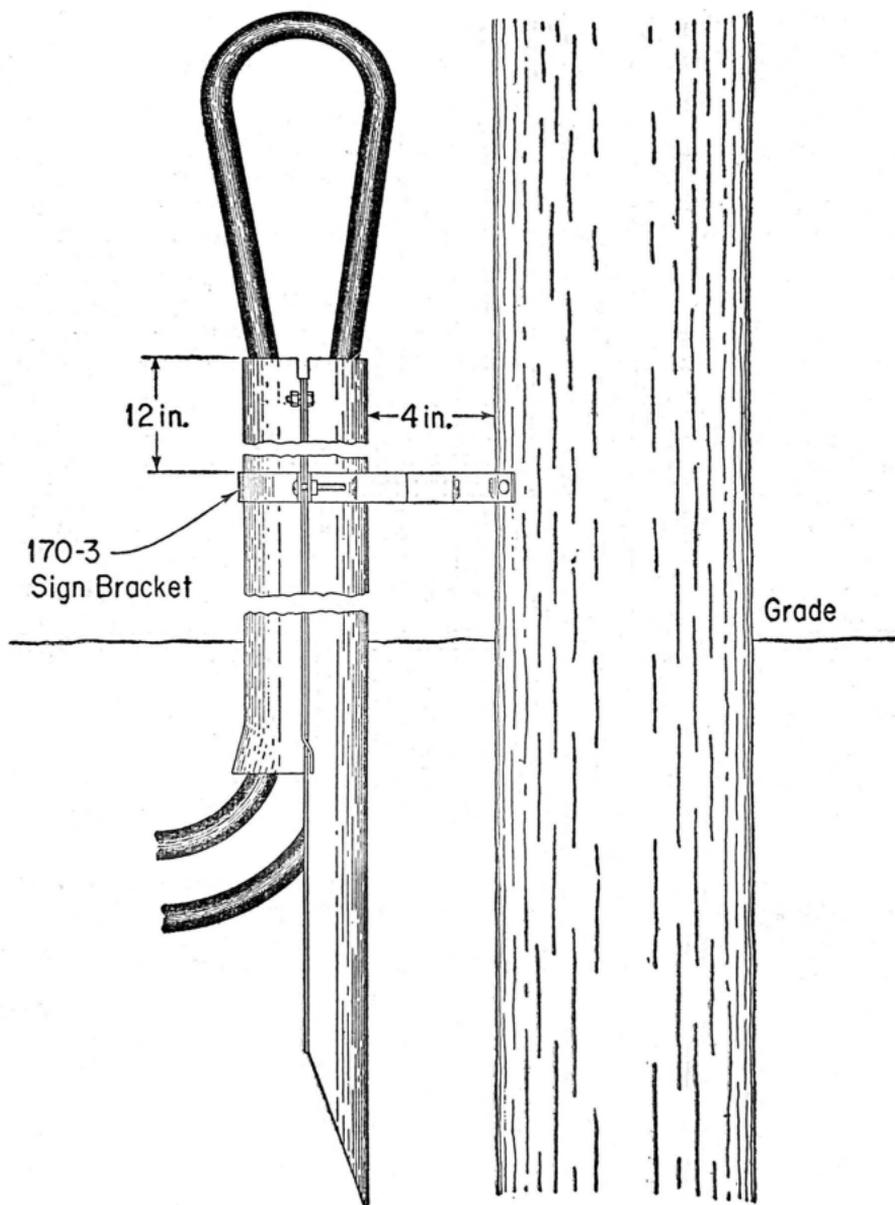
2.02 The terminal post should be driven into the ground until approximately 30 inches remain above the estimated finished grade. Use a post driver if available. If the post driver is not used place a block of wood over the end of the post to protect it from damage by the hammer blows.

2.03 A flange assembly (B-871170) 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 42 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 List 1 and 2 terminals require cable loop of 28 inches, measured from the top of the terminal 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 time cable is placed defer placing post cover as it will be in the way of subsequent operations. Refer to other sections for details on sheath preparation, terminating, etc,



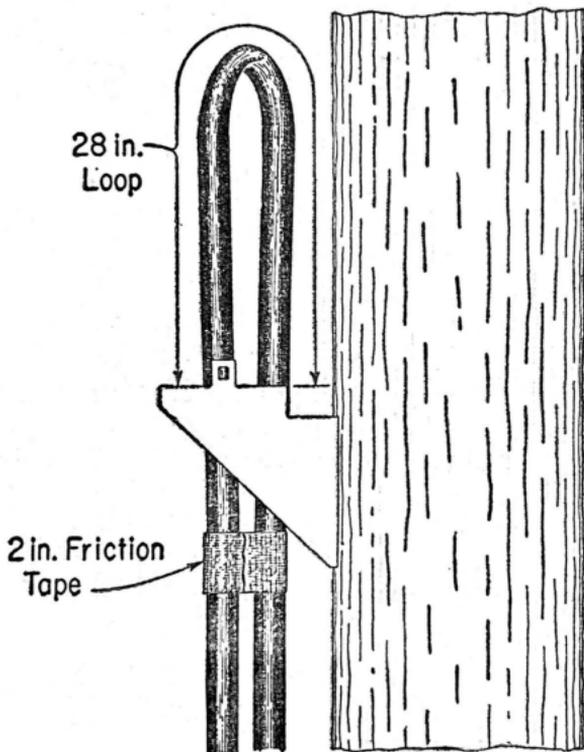
2.05 At junctions between buried cable and rural or urban wire, open wire or drop wire, the terminal should be placed near the pole. It is generally advisable to anchor the post to the pole. A suggested arrangement is illustrated below.



3. PLACING MOUNTING BRACKETS— LIST 3 & 4 TERMINALS

3.01 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.

3.02 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. Refer to the other sections of this series for details on sheath preparation, terminating, etc.



3.03 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

4. INSTALLING TERMINAL

4.01 Feed the prepared cable loop through the opening of the base plate with the block on the left side. The left side is determined by facing the terminal with your back to the house to which the terminal address has been assigned.

4.02 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.

5. INSTALLING ADDITIONAL TERMINAL BLOCKS

5.01 **List 1 and 3 Terminals**—If a second block is required or if the terminal is being used at a junction with aerial drops remove the necessary knockouts in the base plate. Then mount the bracket using the hexhead bolts supplied with the bracket and block assembly. Mount the terminal block on the bracket using the nuts furnished with the block.

5.02 **List 2 and 4 Terminals**—Additional terminal blocks should be mounted on the bracket using the nuts furnished with the block.

6. PLACING DOME COVER AND DECALS

6.01 Place the dome cover over completed terminal and secure to base plate with bolts provided. Install warning decal on face of terminal.