



BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G61.145.1
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AT&T Co Standard

TERMINALS
INSTALLATION OF PEDESTAL TYPE
CABLE TERMINAL

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1. GENERAL

1.01 This section is a revision of G61.145 to include the code designations applying to the binding post chambers and the terminal boxes of the pedestal terminal.

2. USE

2.01 The pedestal type cable terminal is provided for making above ground connections between buried distribution cable and service cables or buried wire leading to subscribers' premises.

3. MATERIALS

3.01 The materials required in connection with the installation of pedestal type terminals are listed below:

Binding Post Chamber

11 Pair: Chamber, Post, Binding, G11A
16 Pair: Chamber, Post, Binding, G16A

Pedestal: Pedestal, Terminal, Cable

Support: Treated Wood or Concrete Post
or Steel Pipe (Approximate Diameter 4 inches, Length 3 feet)

Terminal Box

11 Pair: Box, Terminal, Cable, GA11A
16 Pair: Box, Terminal, Cable, GA16A

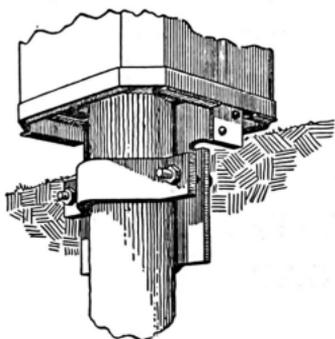
4. DESCRIPTION

4.01 The complete terminal consists of a metal pillar which is designed to be attached to a support set in the ground, a sheet steel cover to afford protection from the weather, a galvanized steel cable terminal box and a sealed binding post chamber. The binding post chamber is equipped with a 2-foot length of 24-gauge stub cable. Space is provided on one side of the pillar for clamping and splicing the main distribution cable. The cable terminal box is mounted on the other side of the pillar where space is also provided for clamping the service cables or buried wire. The pedestal is designed to accommodate either an eleven or sixteen-pair cable terminal box and binding post chamber. A piece of steel strap is fastened to the top of the pillar and a tapped hole is provided at the center of this strap to receive a bolt which fastens the cover in place.

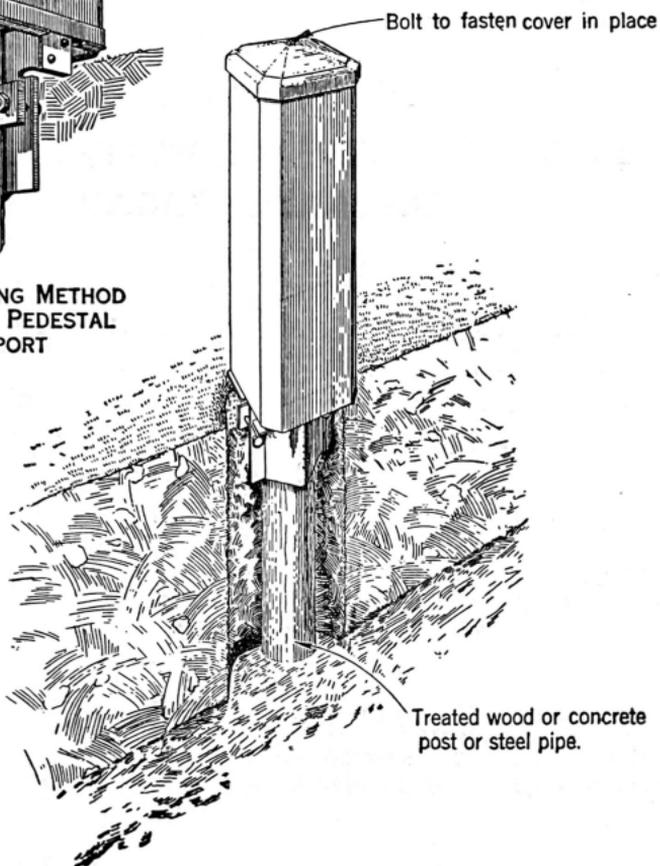
5. PLACING PEDESTAL TYPE CABLE TERMINAL

5.01 The pedestal can be placed either prior to or after the installation of the distribution cable. In general, placing the supports while the trench is open will minimize the work required. The terminal locations will be shown on the detail plans and will usually fall as close as practicable to property line intersections. The pedestal should always be placed so that both the front and back will be readily accessible, to permit making the splice and terminating the subscribers' cables.

5.02 The support used for mounting the pedestal may be a treated wood or concrete post or a piece of steel pipe approximately 3 feet in length. The diameter of the support should be about 4 inches at the point where the clamping member fastens the pedestal to it. This support should be placed at a depth that will bring the top of the support approximately even with the ground line. The soil should then be tamped firmly around it. The support should be so located that the back of the pedestal will be practically in line with the buried cable, in order that the ends of the cable can be fastened to the pedestal without unnecessary bending.



DETAIL SHOWING METHOD
OF CLAMPING PEDESTAL
TO SUPPORT



5.03 The pedestal should be fastened to the support by means of the clamping device at such a location that the bottom of the cover will be approximately even with the ground line when the sod or soil has been restored to the proper grade.