

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G56.651.3
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AT&T Co Standard

B BURIED CABLE TERMINAL

PREPARATION OF SHEATH OPENINGS

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1. GENERAL

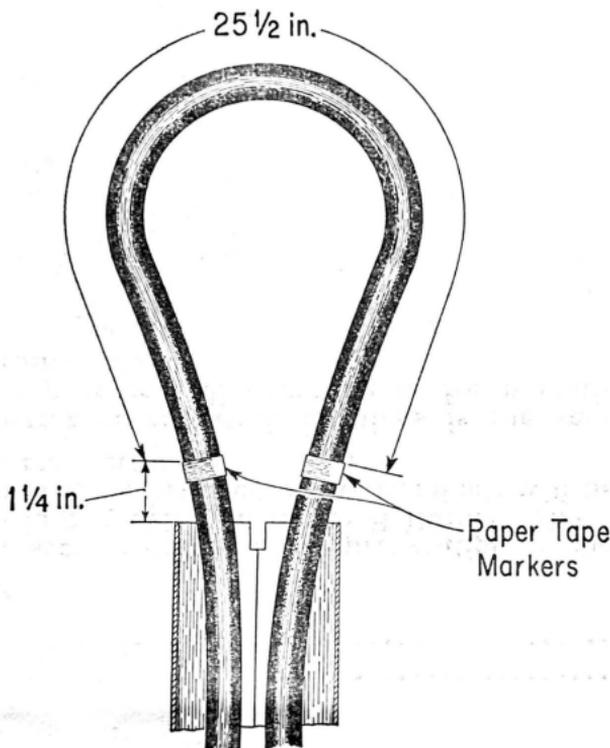
1.01 This section describes the preparation of sheath openings in cables looped in the B Buried Cable Terminals. Ends of cables to be installed in the terminals will be prepared in a similar manner.

1.02 Preparation of sheath openings is the same for the wood post or wall mounting as for mounting on the B Cable Terminal Post.

2. PREPARATION OF SHEATH

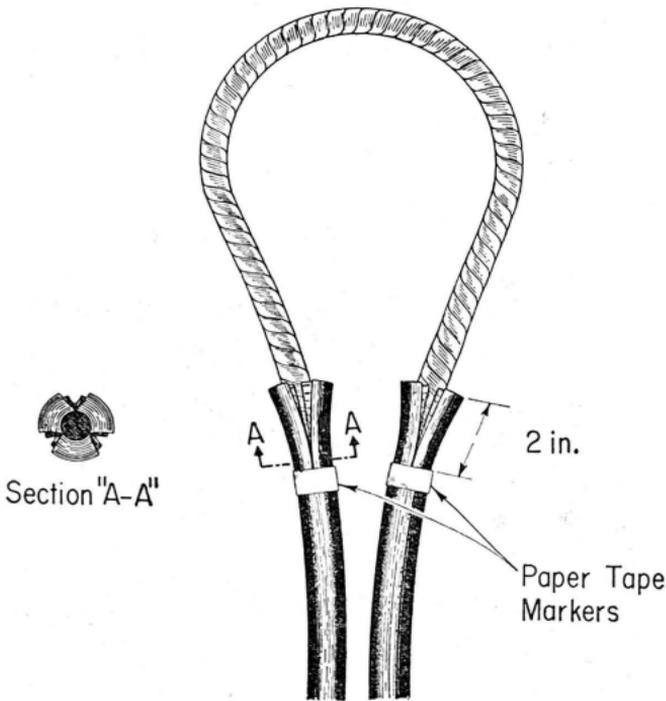
2.01 Remove terminal and post cover or U guard to facilitate preparation of sheath opening. There should be a loop of 28 inches which was left at the top of the post or base bracket when the terminal was placed.

2.02 After verifying the loop length place B Paper Tape markers 1-1/4 inches above the terminal post or mounting bracket.

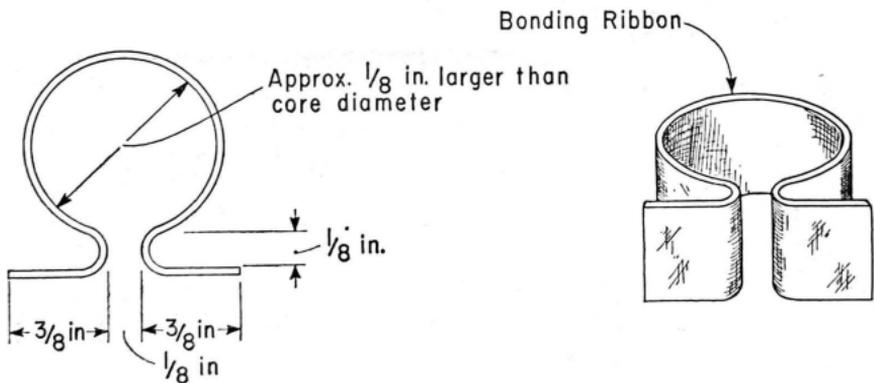


2.03 Remove the 25-1/2 inches of sheath between Paper Tape markers in the usual manner. Remove Paper Tape markers.

2.04 Place B Paper Tape markers on the sheath 2 inches from each sheath butt. Use scissors or tabbing shears to prepare tabs of approximately equal width by making longitudinal cuts through the polyethylene and metal layers to the edge of the tape markers. On cables up to 1 inch in diameter three tabs should be cut. On larger cables make four tabs. Remove paper tape markers.

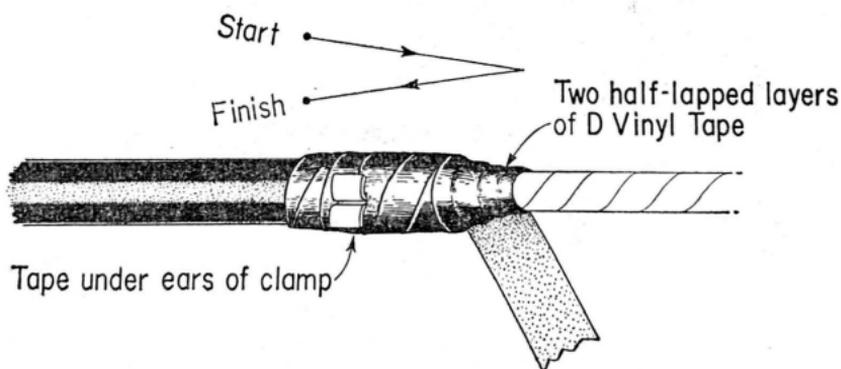
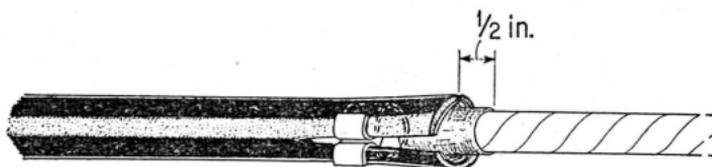
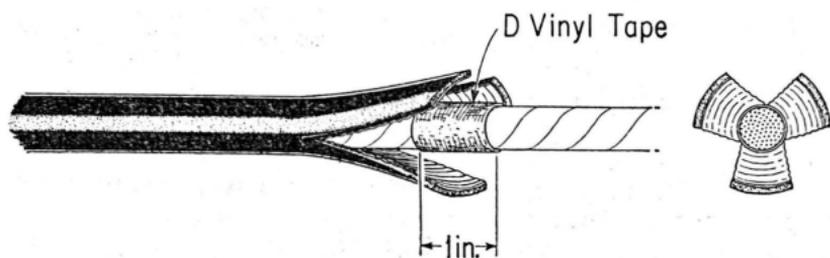


2.05 Prepare an inner clamp of a strip of bonding ribbon as illustrated below. The diameter of the clamp when closed should be slightly larger than the diameter of the core including the core wrapper. This will prevent crushing of the conductor insulation when the clamp is tightened.

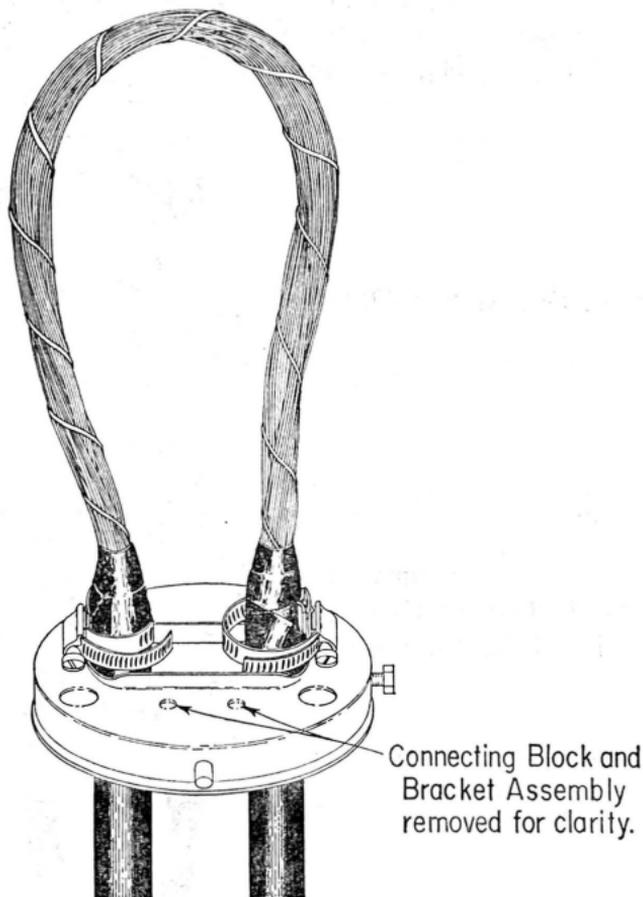


2.06 Carefully bend the tabs away from the core. Do not bend the tabs sharply as the aluminum may tear across the base of the tabs. Place a half-lapped layer of D Vinyl Tape over one inch of the core wrapper and extending about 1/2 inch under the tabs.

2.07 With the tabs carefully bent away from the core place the inner clamp as illustrated below. Do not cover ears of inner clamp. Tape should cover sheath butt and extend about 1 inch beyond clamp on sheath.



2.08 Place the sealing clamps below the lip of the grounding tabs and around the cable at each side. Position the cable so that the sealing clamps are centered over the inner sheath clamps and the ears of the inner sheath clamps bear fully against the base plate ground tabs. Tighten the sealing clamps securely.



2.09 In the 12 pair terminal (8-inch dome cover) it will be necessary to loop the exposed conductors, as illustrated in the following sketches, to avoid possible damage to the wires when the cover is placed. This operation is not required on the 36 pair terminals (15-inch dome cover).

