

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G34.801.8
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AT&TCo Standard

C RURAL WIRE

TERMINATING

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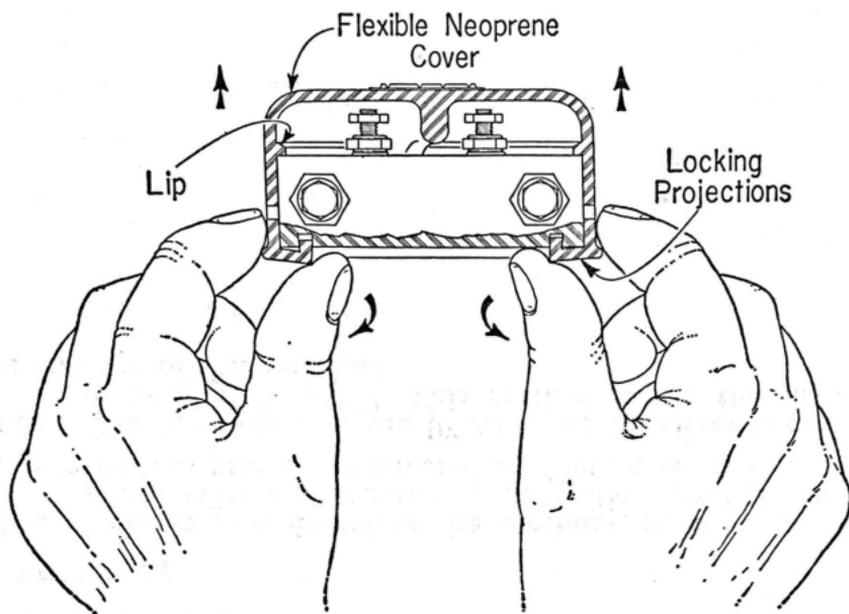
1. GENERAL

1.01 This section describes the methods of terminating C Rural Wire and together with Section G34.801.6 covers the information previously covered in Section G34.120.3.

1.02 The description of the 107A1 Wire Terminal is covered in Section G34.801.7. This section covers the installation and use of this terminal.

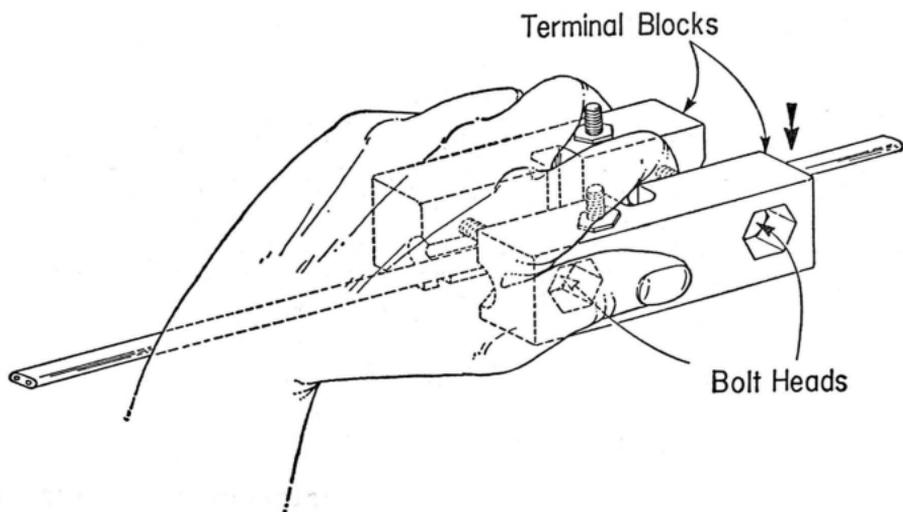
2. INSTALLATION OF 107 TYPE WIRE TERMINALS

2.01 Remove the flexible neoprene cover by grasping the projection under the blocks between thumb and index finger and twist it out of its locked position. When both projections are loosened, pull the cover off the blocks.

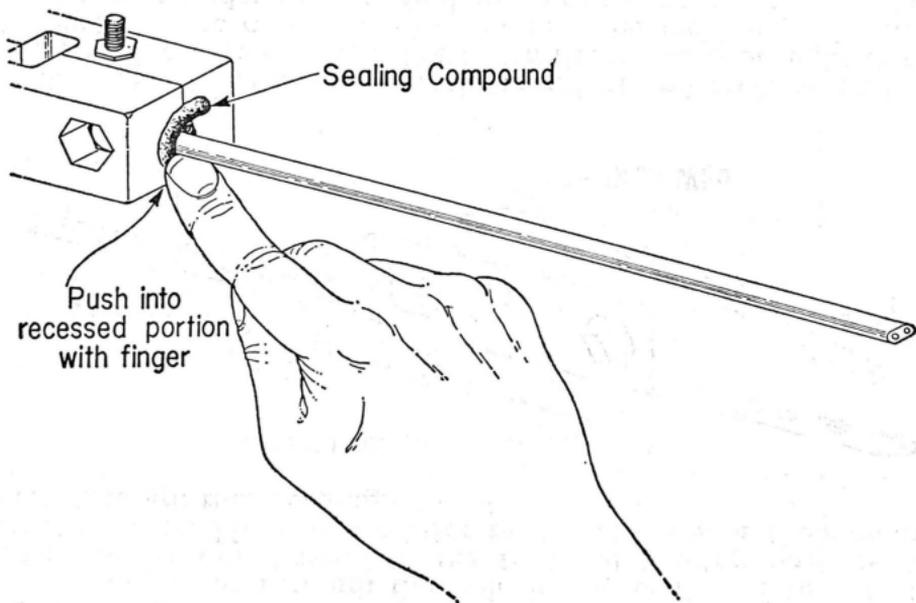


2.02 With the small end of a 216B Tool, loosen the bolts holding the blocks together. The bolts have been staked so that the nuts will not fall off. The blocks must be wide enough apart to permit the C Rural Wire to be inserted between them.

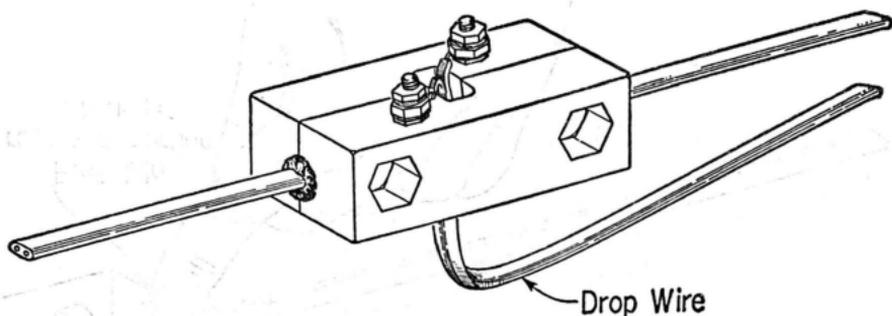
2.03 Hold the terminal blocks apart and place them down over the wire guiding it into the groove between the blocks. Align terminal blocks so bolt heads are facing in position to be tightened. With one hand squeeze the two blocks together and hold while bolts are being tightened with 216B Tool. Tighten both bolts so the two blocks are held together firmly to insure a good contact between the conductor and the point contacts.



2.04 Take the sealing compound which is supplied with the terminal and work it around the C Rural Wire and into the recessed portion of the terminal block with the index finger. Seal both ends of the terminal blocks.



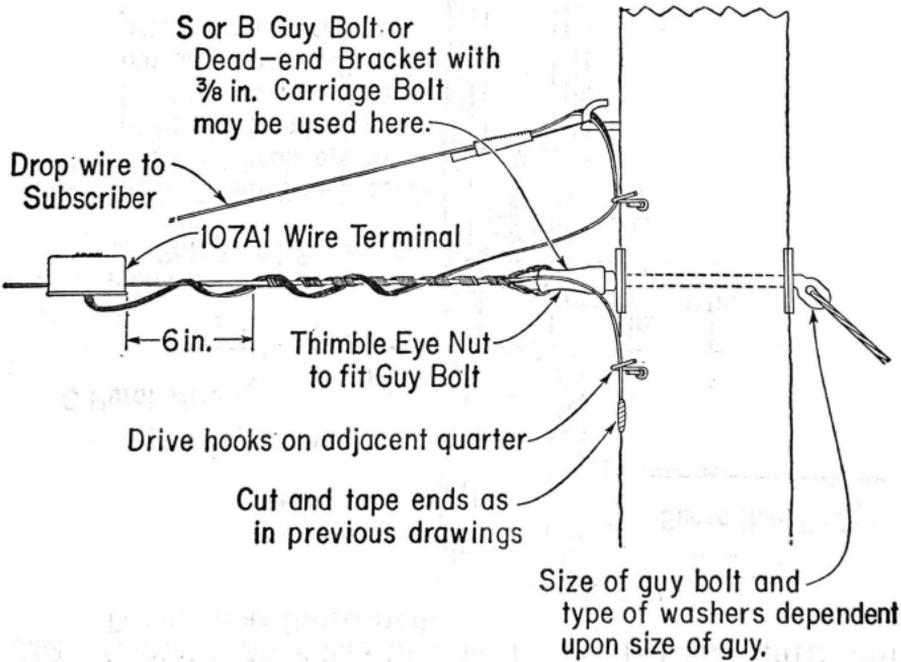
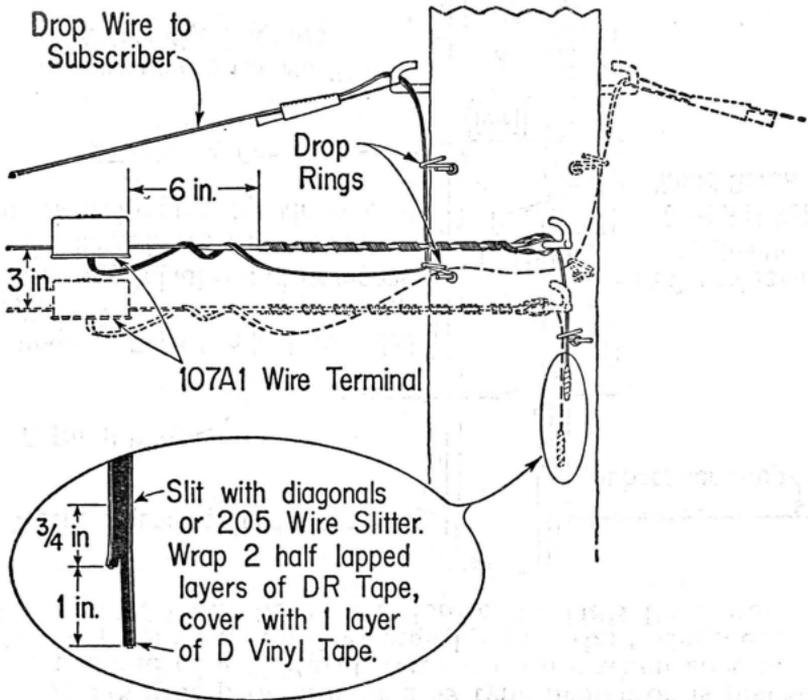
2.05 Bring the drop wire, AL Wire, HD Wire or leads of the protector through the hole in the center of the blocks from the bottom. Fasten to the terminal binding post in the usual manner. There is room for two drop wires or their equivalent through this opening.



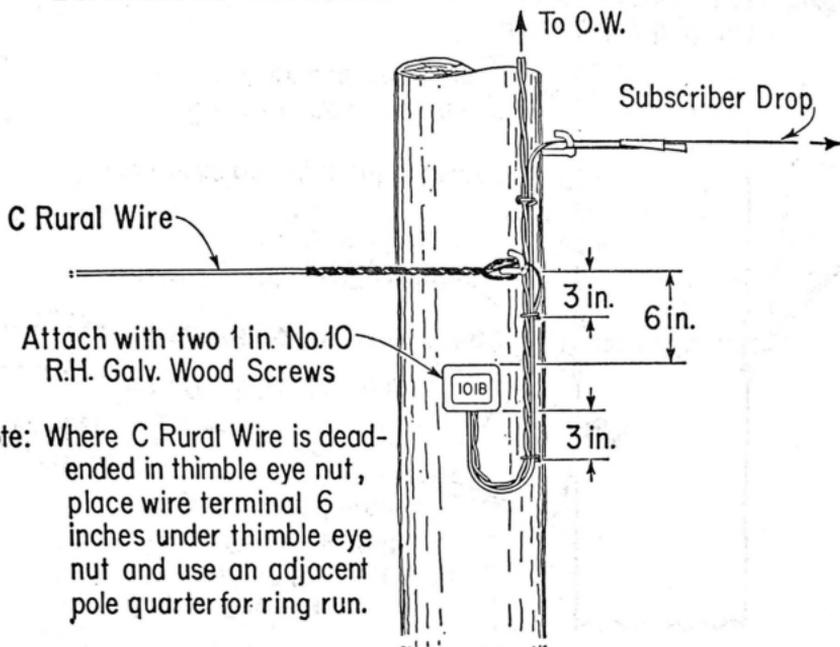
2.06 Place the cover over the terminal and push down into place. Be sure that the lip on the inside is brought down to the top face of the blocks and that the locking projections are brought under the terminal and into the corresponding slots in the underside of the blocks. Be sure that the cover is fitted close around the C Rural Wire at each end.

3. TERMINATION AT DEAD-END POLES

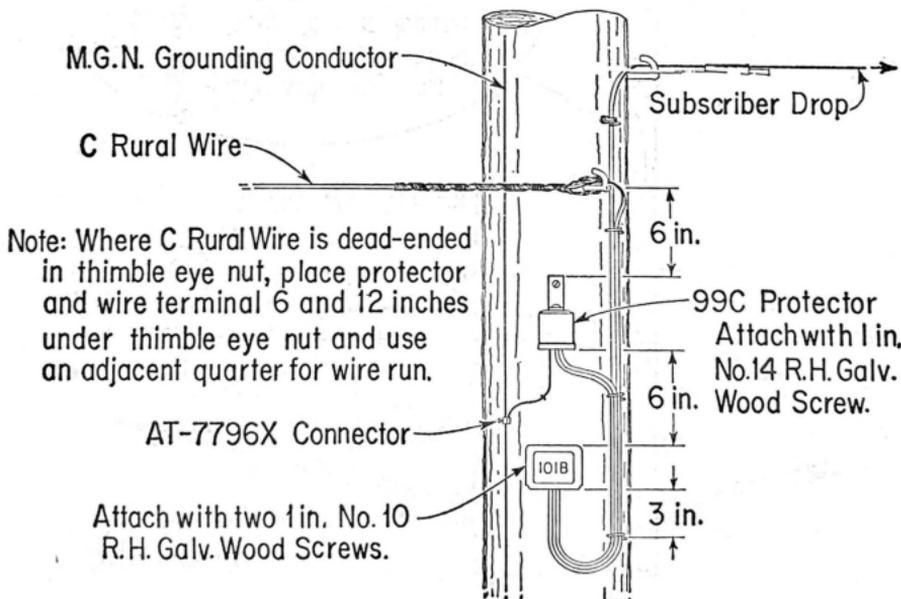
3.01 C Rural Wire can be terminated at the feeder end or the far end in a 107A1 Wire Terminal as illustrated. The end of the wire must be cut and taped to prevent leakage across the conductors.



3.02 C Rural Wire can also be terminated in a 101B Wire Terminal as illustrated.



3.03 A 118 type protector or a 99 type protector is placed at the end of a C Rural Wire run only when specified on the detailed construction drawings by the Plant Engineer. See Section G38.112.2 for the installation of the 118B Protector.



4. TERMINATION AT INTERMEDIATE POLES

4.01 To serve a station from an intermediate pole, a 107A1 Wire Terminal can be used as illustrated. A 118 type or 99 type protector should be placed at this location only when specified on the detailed construction drawings. See Section G38.112.2 for the installation of the 118B Protector. The 99C Protector is installed 6 inches below the drive hook as shown in Paragraph 3.03.

