

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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AT&T Co Standard

CABLE SPLICING — TERMINALS
POLE MOUNTED DISTRIBUTION TERMINALS

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1. GENERAL

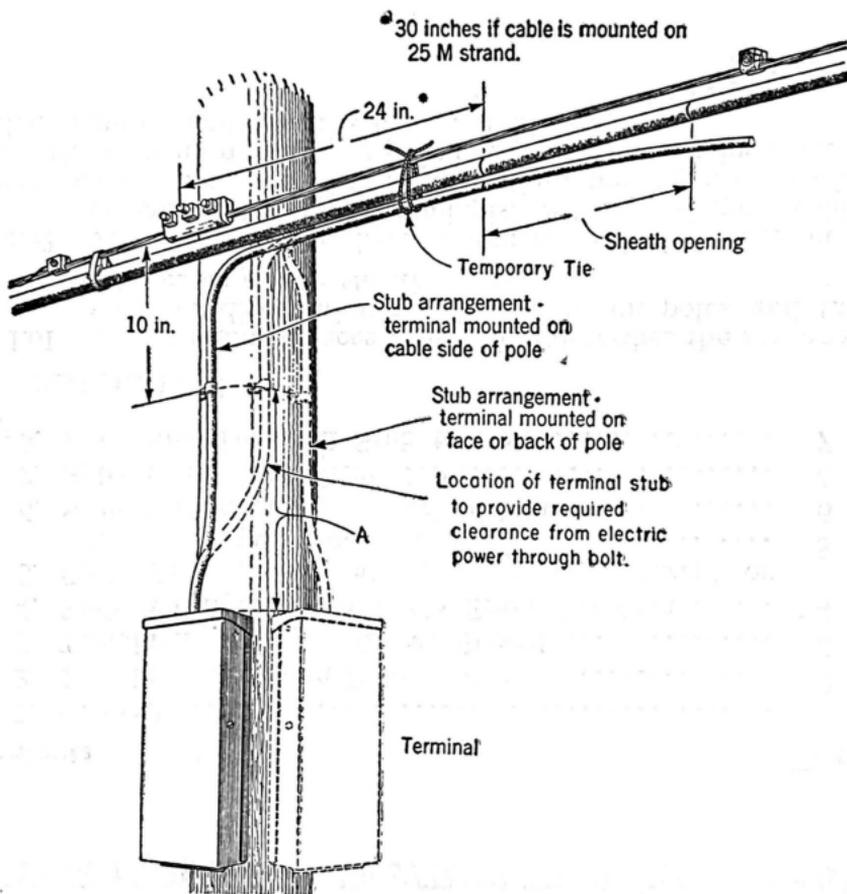
1.01 This section replaces Issue 1 and describes the arrangement of distribution terminal stubs on poles and the setup of the cable at the sheath opening.

1.02 This section has been reissued to include the new designs of N-type terminals. All the N-type cable terminals are equipped with solid gastight binding post blocks with the exception of the superseded NA terminal which has a filled chamber and hence is not gastight.

2. TERMINALS MOUNTED BELOW STRAND

2.01 The arrangement of the distribution terminal stub and the setup of the cable for splicing are shown in the following diagrams.

(a) Stub cable entering terminal from top.

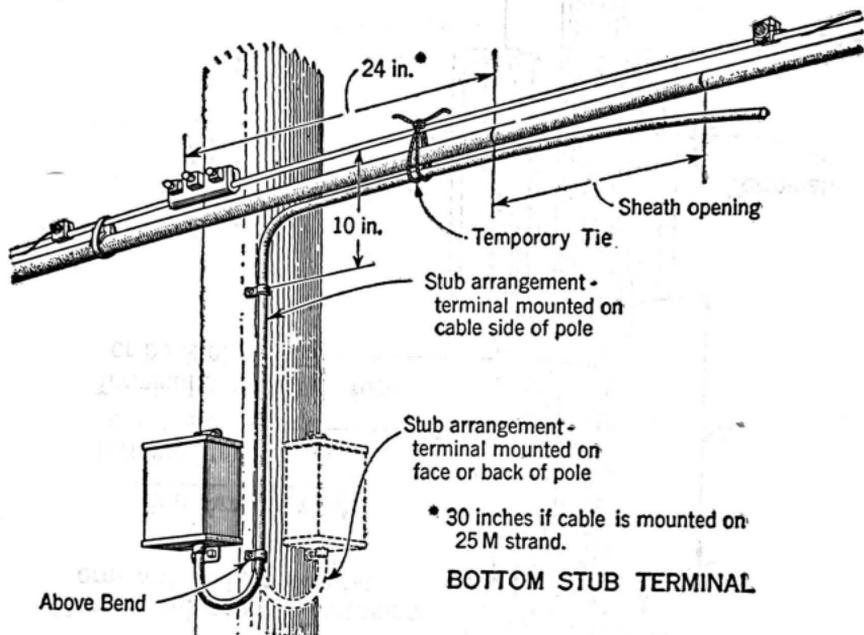


TOP STUB TERMINAL

Note:-

If the distance A is 24 inches or more place a second clamp 10 inches above the terminal.

(b) **Stub cable entering terminal from bottom.** This arrangement is used in some cases with the older types of terminals. The arrangement used when the terminal is connected direct to buried or underground cable is covered in another section of the practices.

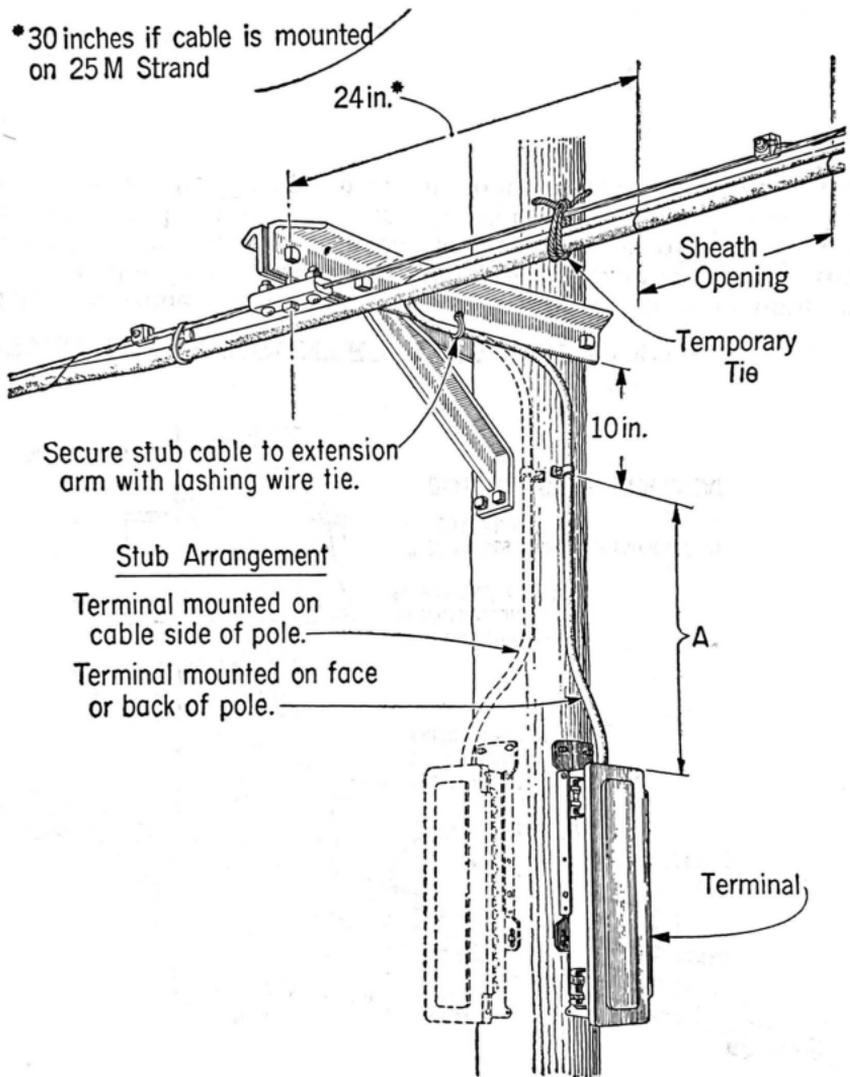


3. TERMINALS MOUNTED ABOVE STRAND

3.01 In some instances, obstructions or other attachments make it necessary to mount the terminal above the suspension strand. In these cases the location of the sheath opening will be the same as illustrated in Part 2, but the stub cable will be brought into the splice above the main cable.

4. STUB ARRANGEMENT AT CABLE EXTENSION ARM

4.01 The arrangement of the distribution terminal stub and the setup of the cable for splicing are shown in the following diagram.

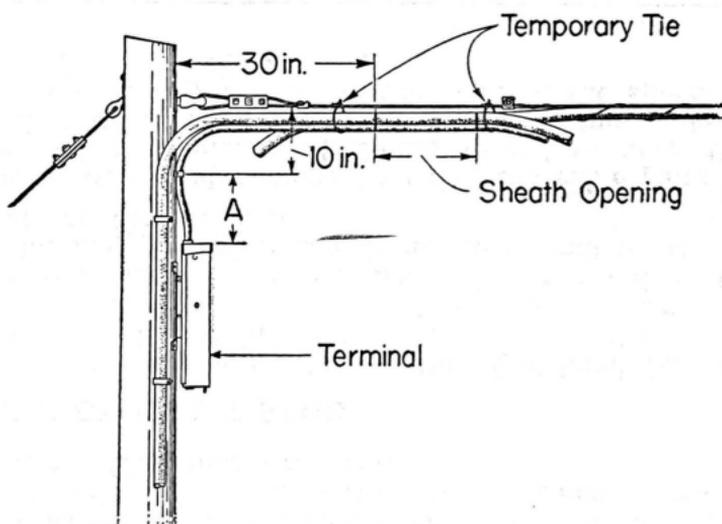
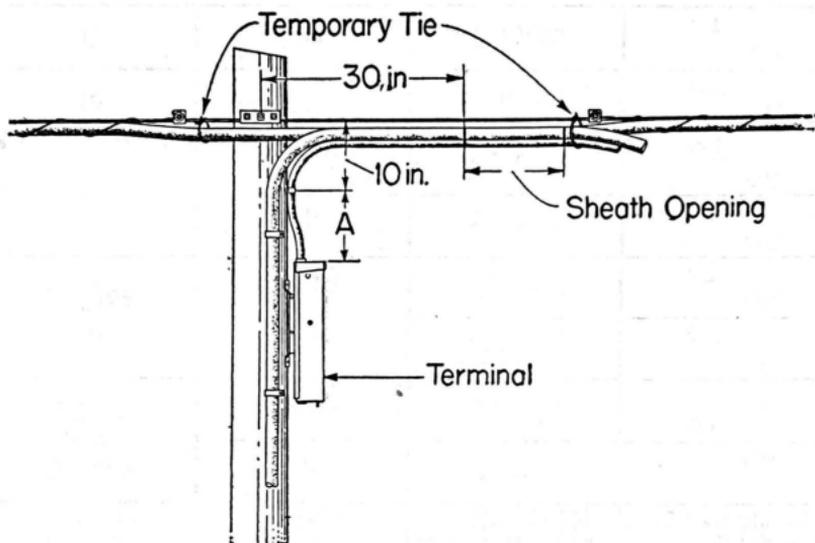


Note:

If the distance A is 24 inches or more place a second clamp 10 inches above the terminal.

5. STUB ARRANGEMENT AT JUNCTION WITH BURIED OR UNDERGROUND CABLE

5.01 The arrangement of the distribution terminal stub and the setup of the cable for splicing are shown in the following diagram.



Note:-

If the distance A is 24 inches or more place a second clamp 10 inches above the terminal.

6. STUB ARRANGEMENT AT FOREIGN ATTACHMENTS

6.01 At locations where foreign attachments are involved, such as vertical runs on joint use poles, provide clearance for the stub cable in accordance with recommendations contained in the Clearance Practices.

7. SPLICING OF CABLE STUB

7.01 It is general practice to use the right-hand binding post of each pair in the terminal block as the "ring" side. In keeping with this, distribution terminals are furnished with the colored conductors in the stub cable connected to the right-hand binding post of each pair in the normal mounting arrangement for the terminal.

7.02 The following table shows how the stub cable pairs in the various terminals should be spliced to keep the "ring" on the right. When the position of the stub cable is reversed, it is necessary to reverse the pairs in the splice to keep the "ring" on the right.

Type of Terminal	Position of Stub	Splicing Stub Pairs to Main Cable	Resulting Tip and Ring Arrangement
10 and 16 Pair N Type	Up	Reverse	○T ○R
	Down	Straight	○T ○R
26 Pair N Type	Up	Straight	○T ○R
	Down	Reverse	○T ○R
F	Up	Straight	○T ○R
	Down	Reverse	○T ○R
14	Up	Straight	○T ○R
C	Down	Straight	○T ○R

7.03 Splice the stub to the main cable so the pair numbers of the terminal progress from top to bottom in each column of binding post pairs.

8. ATTACHING TERMINAL STUB TO POLE

8.01 The cable stubs of pole mounted terminals should be attached to the poles with cable straps and strap nails as indicated.

Stub Size	Cable Clamp Number	Strap Nail Size
11 pair	9	1-1/2 inch
16 "	11	1-1/2 "
26 "	11	1-1/2 "

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