

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G61.104.4
Issue 2, April, 1951
AT&T Co Standard

TERMINALS
INSTALLATION OF N TYPE DISTRIBUTION
CABLE TERMINALS ON POLES

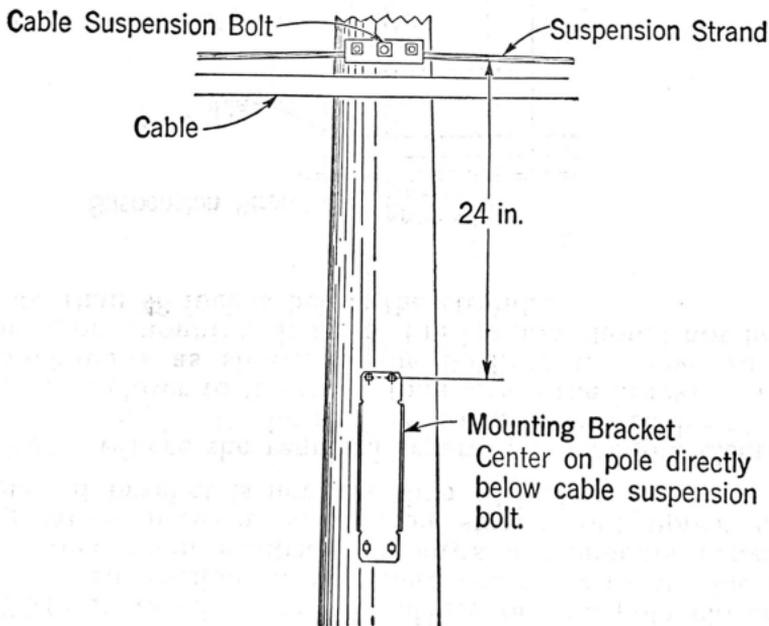
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1. GENERAL

1.01 This section is being reissued to cover methods for installing the new NC26 and NE26 Distribution Cable Terminals on poles. Issue 1 is replaced.

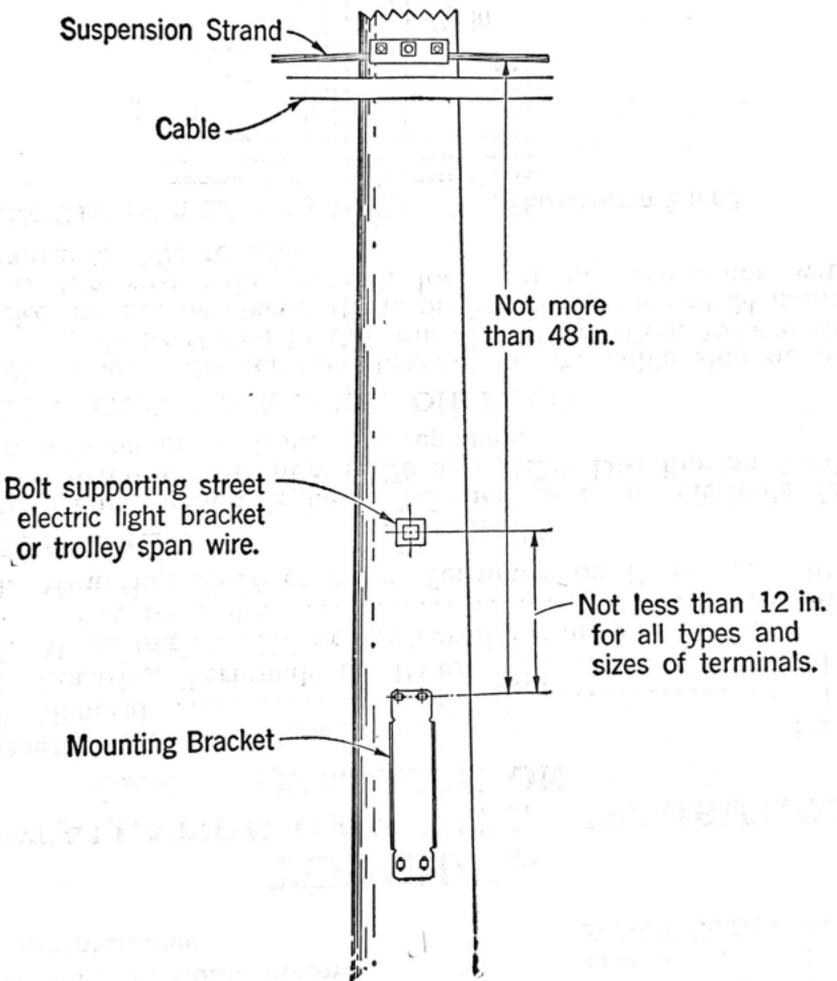
2. LOCATING TERMINALS ON POLES

2.01 Locate the terminal bracket on the cable side of the pole as shown in the following illustration. Where the bracket cannot be placed at the preferred distance of 24 inches below the suspension strand, locate it in accordance with Paragraphs 2.02 to 2.05.

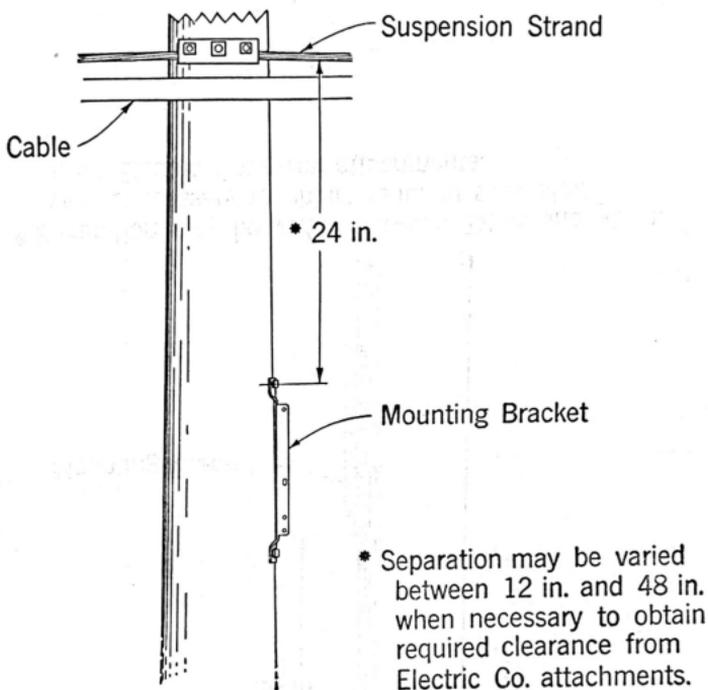


2.02 A terminal may be placed on the pole closer to the suspension strand where necessary to provide required clearance from electric company's attachments provided the separation between suspension strand and upper mounting holes of bracket is not less than 12 inches.

2.03 Where the required separation from the electric company's attachment can not be obtained by placing the terminal closer to the cable, then locate the bracket below such attachments as shown in the illustration below. In general, the upper mounting holes of the bracket should not be located more than 48 inches below the strand.

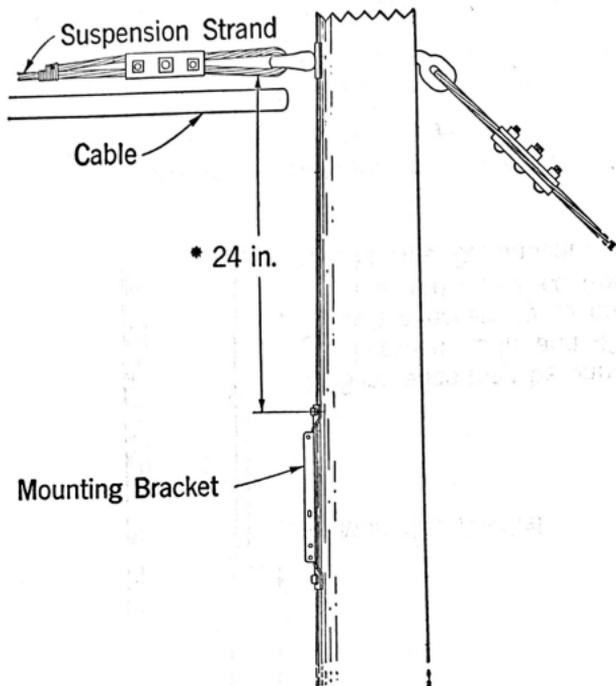


2.04 Where the terminal can not be placed on the cable side of the pole in accordance with Paragraphs 2.01, 2.02 and 2.03 above, because of the presence of a lower cable or electric company's attachment, obtain your supervisor's approval to locate the terminal on the face or back of the pole as shown in the following illustration. Locate the terminal on the right when viewing pole from cable side unless an existing splice on the left can be utilized or the required separation can be obtained from electric company's attachments by locating terminal on opposite side.



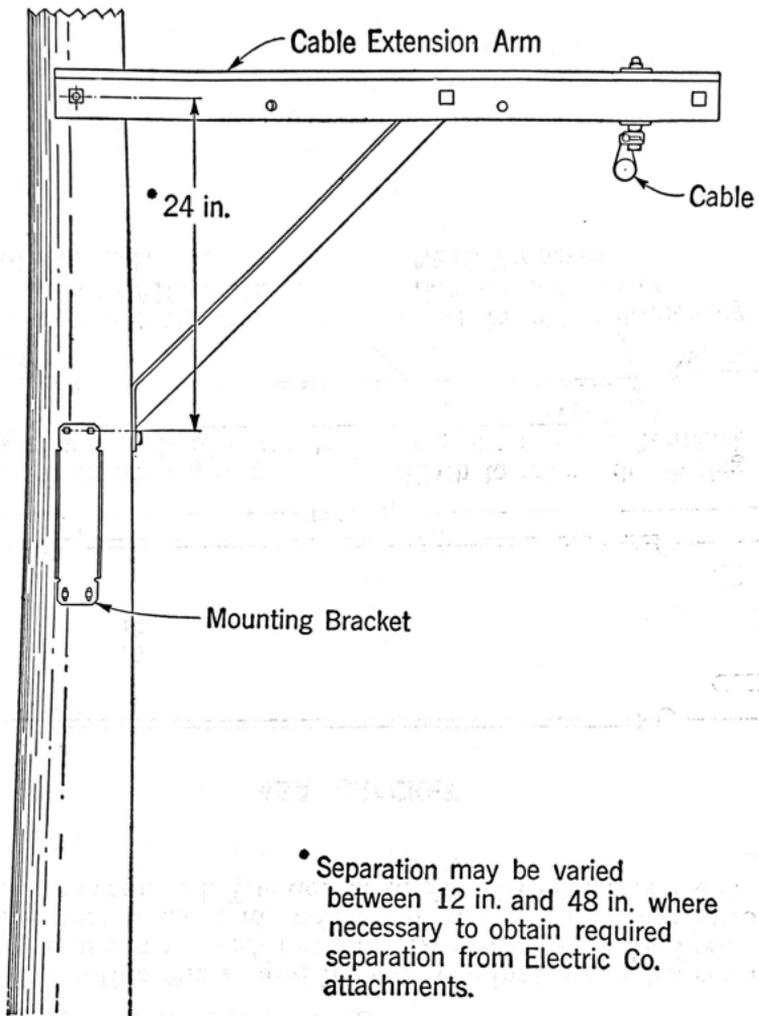
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2.05 At an end pole locate the terminal on the face or back of the pole under the cable as shown in the following illustration.



* Separation may be varied between 12 in. and 48 in. when necessary to obtain required separation from Electric Company attachments.

2.06 Where terminal is placed on a pole carrying a cable extension fixture, locate it on the face or back of the pole as indicated below.



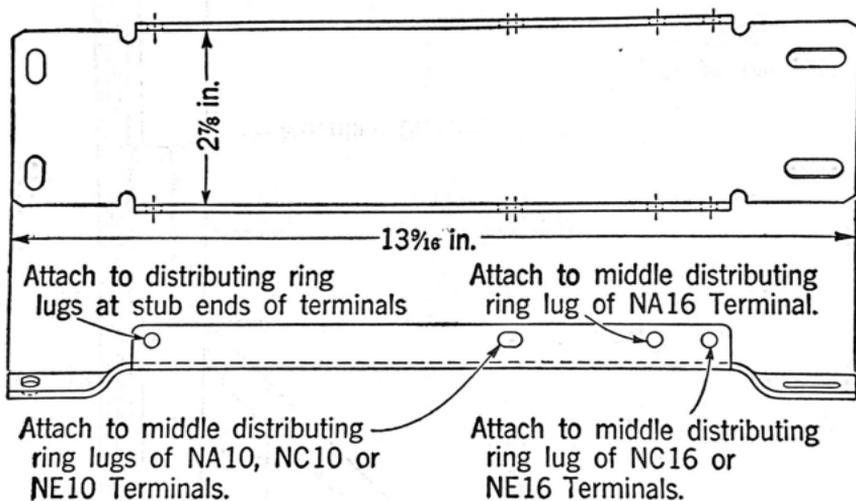
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2.07 Where the terminal is to be spliced to buried cable or U.G. subsidiary cable, locate the terminal, equipped with a 12-foot stub, at a height of 14 feet between the bottom of the bracket and ground. Where buried or subsidiary cable is carried up a pole locate the terminal at heights for terminals associated with aerial cable.

3. MOUNTING NA, NC OR NE TERMINALS IN 10 OR 16-PAIR SIZE ON POLES

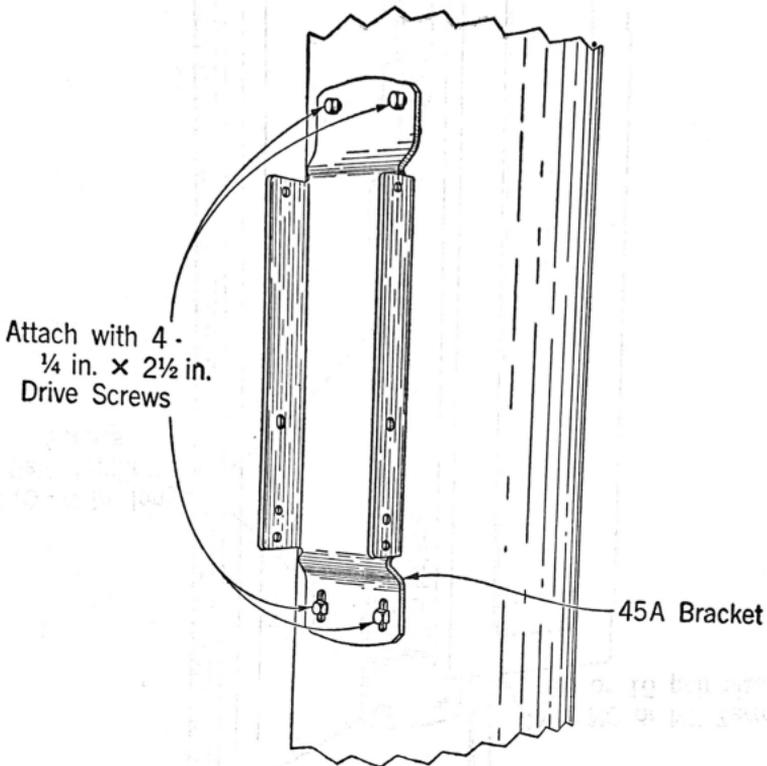
3.01 Mounting the 10 and 16-pair terminals on poles requires the use of the 45A bracket. **This bracket is not furnished** with the terminals and hence, it should be requisitioned separately as required. The details of the 45A brackets are shown below.

45A BRACKET



3.02 Mount NA, NC or NE 10 or 16-pair terminals on the pole as follows.

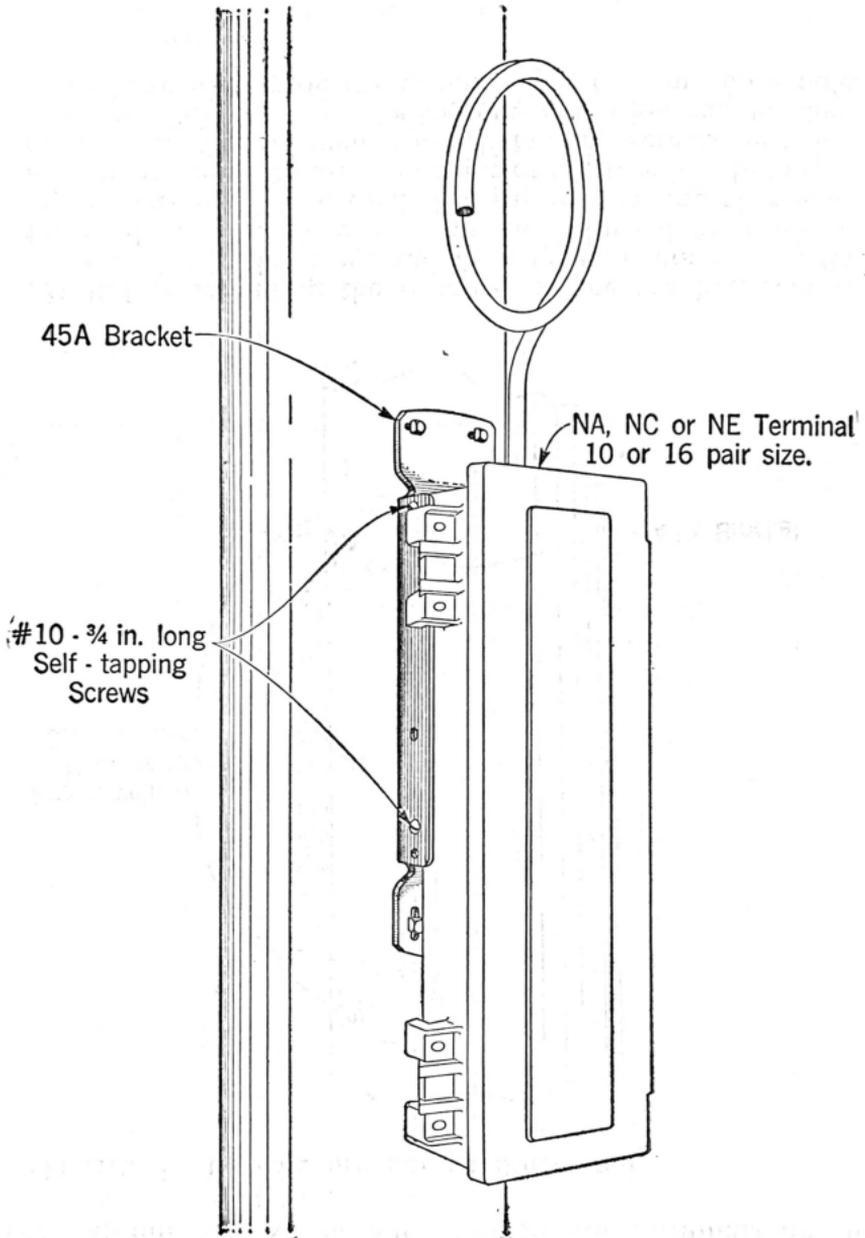
- (1) Attach the 45A bracket as illustrated.



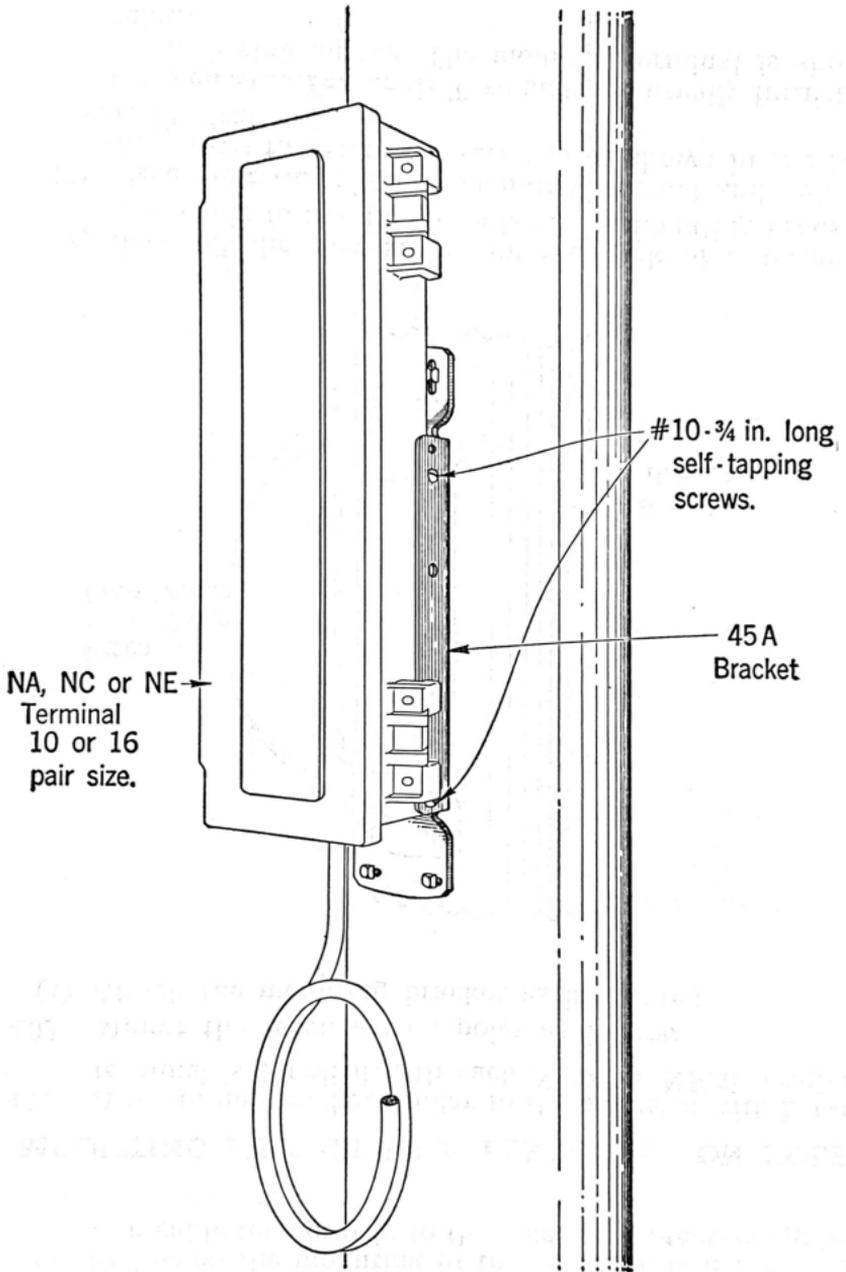
- (2) Before mounting the terminal on the bracket, remove the distributing rings and the removable portions of the terminal clamps. (These should be returned to stock as piece parts for future use.) Tap the four wiring ring holes located at the stub end and center of the terminal by means of the No. 10 \times $\frac{3}{4}$ -inch long self-tapping screws furnished with the 45A bracket. The tapping operation can be done more conveniently on the ground prior to going up a pole.

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(3) Set the terminal on the bracket and secure in place with four self-tapping screws placed at the stub end and the center of the terminal as indicated in the illustration.



- (4) Where terminal is to be spliced to buried or subsidiary cable, mount it on the 45A Bracket as shown below.



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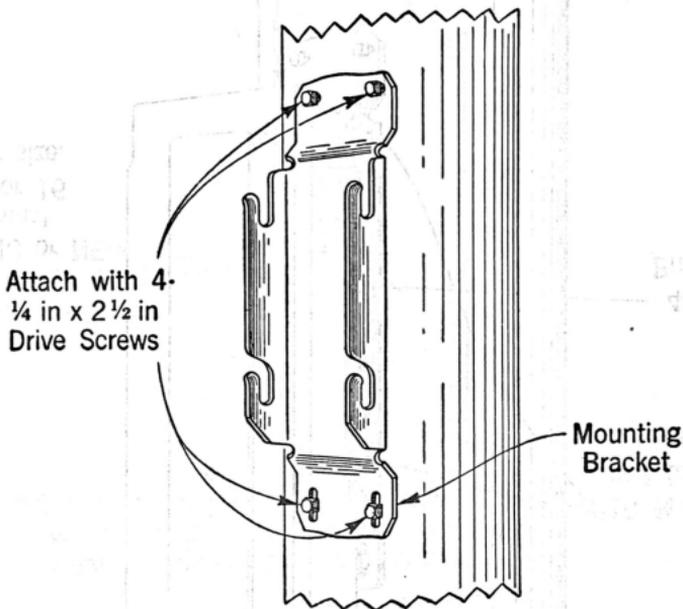
(5) Following the mounting of the terminal, lash the coiled stub cable temporarily to the pole for protection against possible damage.

4. MOUNTING NC26 OR NE26 TERMINALS ON POLES

4.01 A mounting bracket similar to the one used with F type terminal is supplied with each NC26 or NE26 terminal.

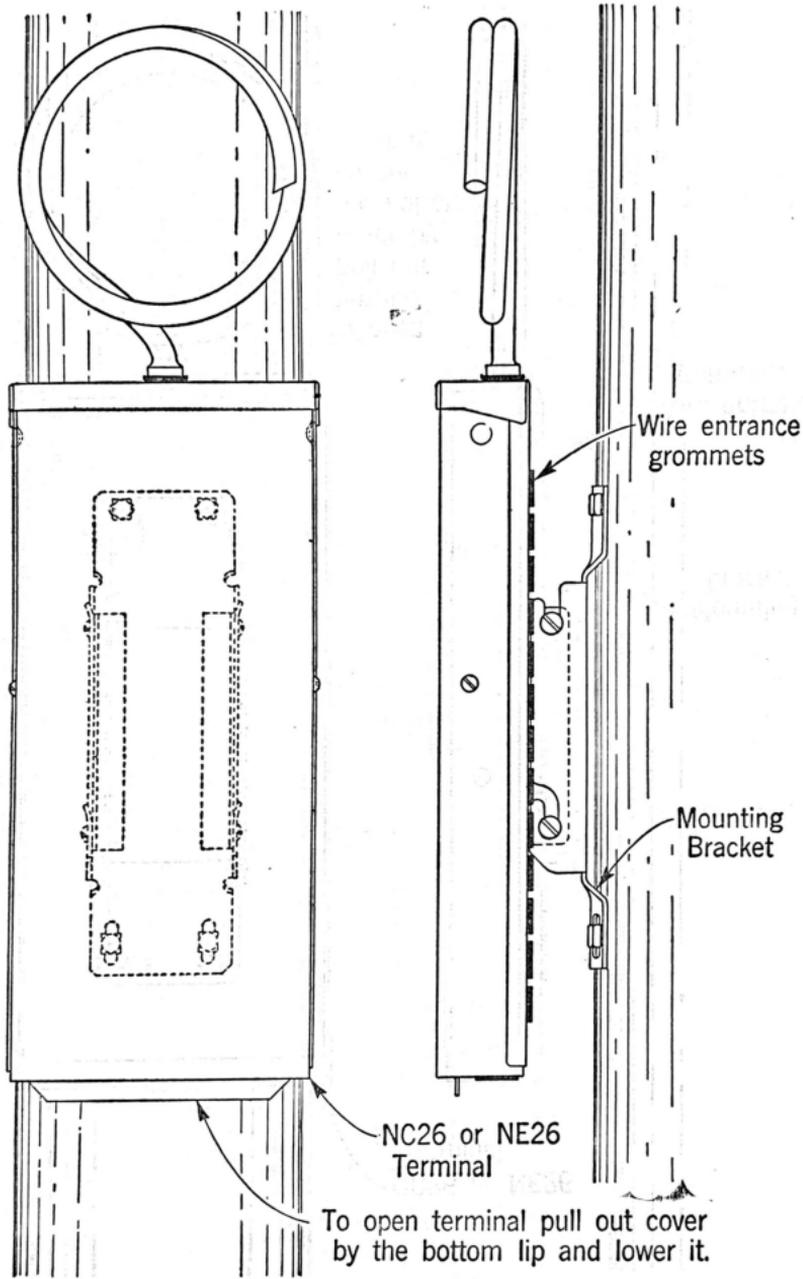
4.02 Mount the terminals on poles as follows:

(1) Attach the mounting bracket as illustrated.



- (2) Back off the four screws on the back of a terminal sufficiently to engage the slots of the mounting bracket.
- (3) Place the terminal on its mounting bracket and tighten the screws to secure the terminal as shown in the following illustrations.

(a) **Top Stub Terminal:** Terminals are usually furnished with stub on top. The mounted terminal is shown below.



(b) **Bottom Stub Terminal:** Remove the binding post block from the terminal housing. Reverse the grommets on the top and bottom sides of the terminal. The

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solid grommet should be on top side and the ring grommet on the bottom. Replace the binding post block in the housing with the stub cable at the bottom. A mounted bottom stub terminal is shown below:

