

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G61.163.3
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AT&T Co Standard

TERMINALS

MARKING OUTSIDE CROSS-CONNECTING

TERMINALS

BINDING POST METHOD

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1. GENERAL

1.01 This section outlines the methods of marking binding post numbers of feeder cable pairs in outside cross-connecting terminals and also for changing the distribution cable pair numbers to even cable counts.

1.02 The renumbering may be accomplished by using numbered, self-sticking tape. Several designs of tape are being made available for specific terminals and will cover the most common varieties.

2. DESCRIPTION OF TERMINAL MARKING TAPE

2.01 The adhesive tape strips with printed numbers are mounted on pasteboard cards from which the tapes can be easily removed and applied directly to clean and dry terminal fanning or marking strips.

2.02 The standard listing for the terminal marking tapes is, for example:
(Quantity) Form E-4577-1

2.03 White tapes with black numbers are for the binding post numbering and yellow tapes with black numbers for the distribution cable count.

2.04 The following cards are available:

- (a) **For BD and BE type terminals to mark all binding post numbers.** Each card will completely number one terminal of the size designated and it is not adaptable to the other size terminals.

<u>Form No.</u>	<u>Terminal Size</u>
E-4577-1	102
E-4577-2	202
E-4577-3	304
E-4577-4	404
E-4577-5	606 (Horizontal)
E-4577-6	606 (Vertical)

- (b) **For BD and BE type terminals to mark distribution cable pair numbers.** Each card contains 100 pair numbers of the range indicated and the associated X pair numbers. The numbers can be removed individually and used to make up the various combinations of distribution cable counts in BD and BE terminals.

<u>Form No.</u>	<u>Pair Number</u>
E-4569-1	1-100 X1
E-4569-2	101-200 X2
E-4569-3	201-300 X3

- (c) **For B and BB type terminals to mark all binding posts.** Each card contains 101 numbers of the range indicated and the correct number of cards should be obtained for the particular size of terminal. The B and BB terminals contain twice as many binding posts as the terminal size denotes. That is a B-404 terminal to be completely numbered by binding posts will require cards 1 to 8.

<u>Form No.</u>	<u>Binding Post No.</u>
E-4578-1	1-102
E-4578-2	102-202
E-4578-3	203-303
E-4578-4	304-404
E-4578-5	405-505
E-4578-6	506-606
E-4578-7	607-707
E-4578-8	708-808

- (d) **For B and BB type terminals to mark distribution cable pair numbers.** Each card contains 100 pair numbers of the range indicated and the associated X pair numbers. These numbers are in strips and can be used in the same manner as the strips for binding post numbers.

Form No.

E-4589-1
E-4589-2
E-4589-3
E-4589-4

Pair Numbers

1-100 X1
101-200 X2
201-300 X3
301-400 X4

3. PLACING TAPE

3.01 The terminal fanning or marking strips should be free of all dirt and dry before applying the tape. The strips can be cleaned with a fine sandpaper and then wiped with a clean cloth to remove all dust.

3.02 The cards are equipped with zip-strips which can be easily peeled back to facilitate removal of the adhesive strips. The zip-strips are located at the ends of the cards, except on the cards for distribution cable pair numbers in BD and BE terminals they are on the sides to facilitate removal of individual numbers.

3.03 After peeling back the zip-strip remove from 5 to 6 inches of tape from the card. Avoid touching the adhesive as much as possible as this affects its sticking quality. Place the end of the adhesive strip on the fanning or marking strip making sure that the numbers are in the correct location. Guide the adhesive strip onto the fanning or marking strip and gradually remove the pasteboard backing.

3.04 The zip-strip can readily be replaced if the entire card is not used, also any tape not used can easily be placed back on the card for future use.

3.05 The following precautions should be used.

- (a) Care should be taken to avoid touching the adhesive particularly with soiled hands.
- (b) Do not remove zip-strip or tape until tape is to be applied as exposure to air dries out the adhesive and makes it ineffective.
- (c) Pulling off the pasteboard backing has a tendency to stretch the tape slightly, therefore, it is desirable to remove only 5 to 6 inches and place as indicated in Paragraph 3.03.

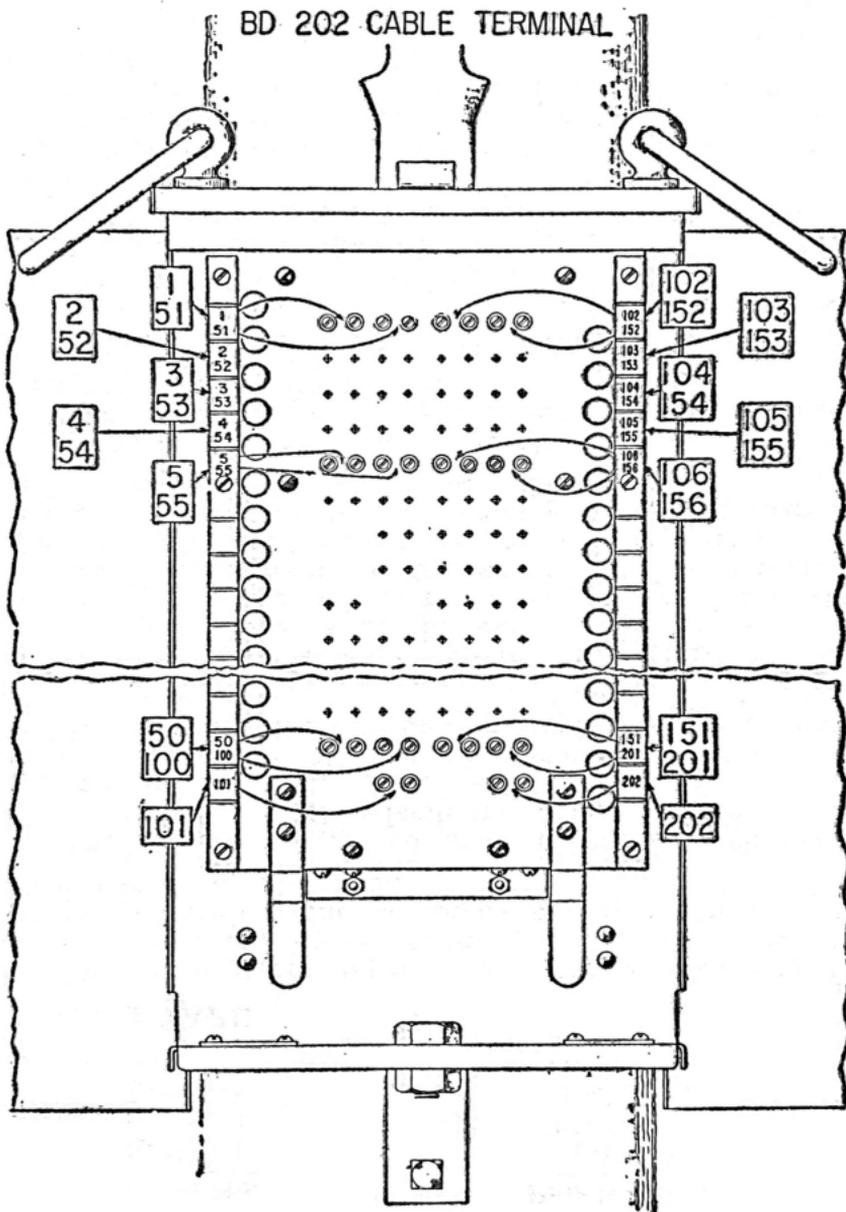
3.06 The tape should be pressed down tightly after placing.

4. MARKING BD AND BE TYPE CABLE TERMINALS

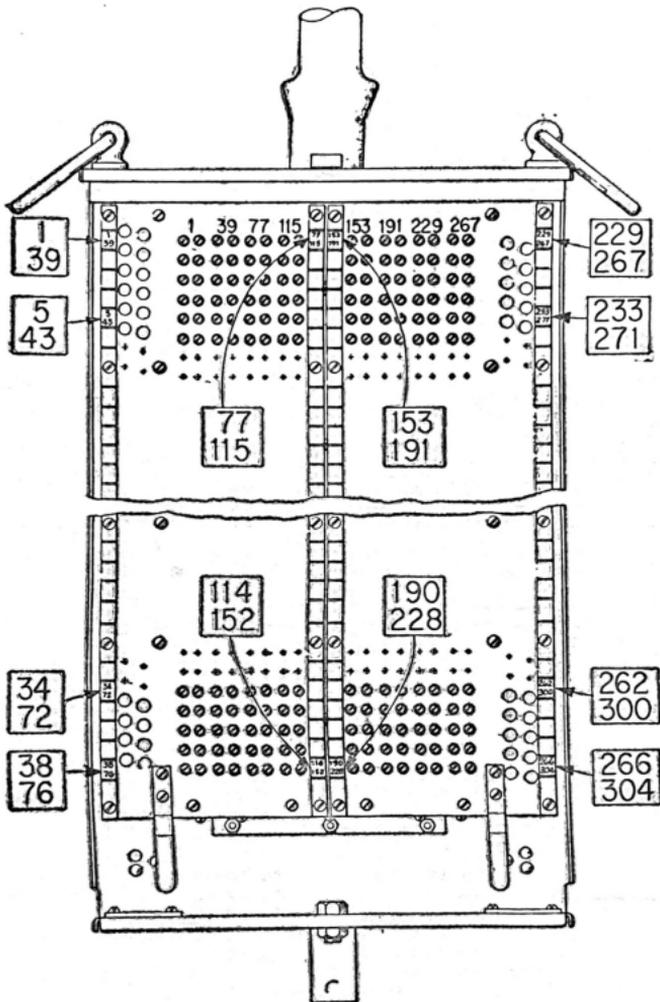
4.01 To provide complete binding post numbering for BD type terminals the marking tapes should be arranged as shown on the following illustrations. The BD 102 is similar to the BD 202. The distribution cable pair numbering tapes for

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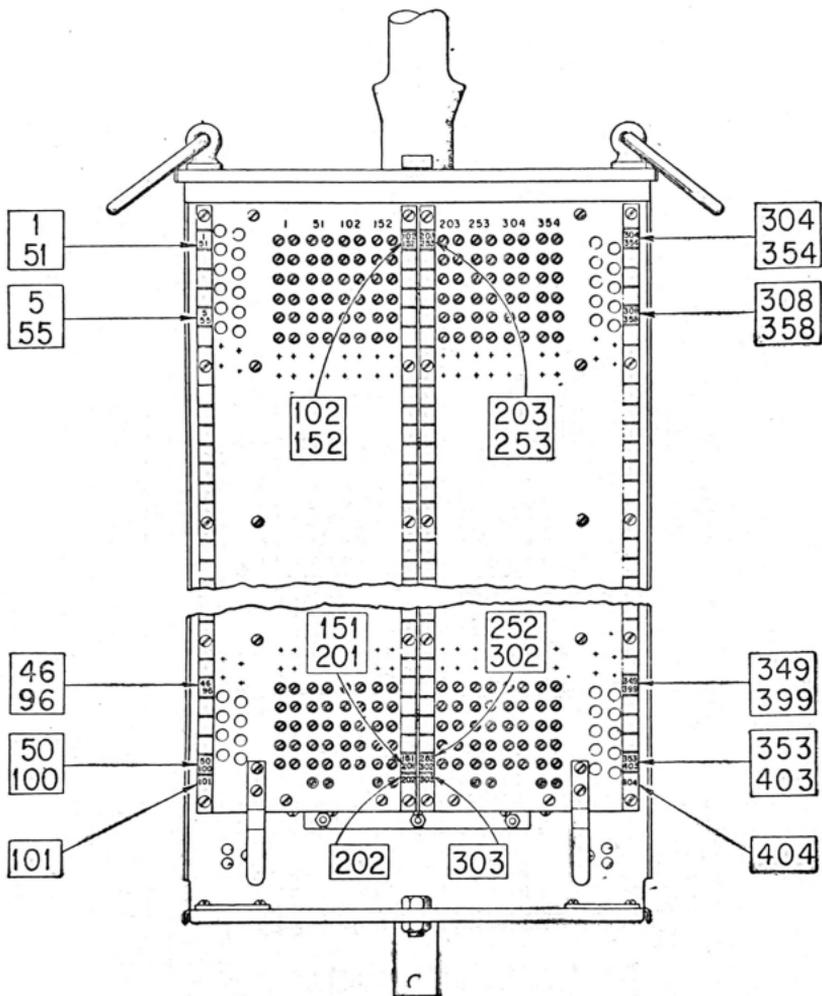
BD and BE terminals can be applied over the binding post numbers to follow the numbering system shown in Section G61.163.1. However, the distribution pair numbering should be be corrected to the new even count system. Pairs 1-100 remain the same and pairs 101, 202, 303, etc. become X1, X2, X3, etc. and pairs 102-201 become 101-200, 203-302 become 201-300, etc.



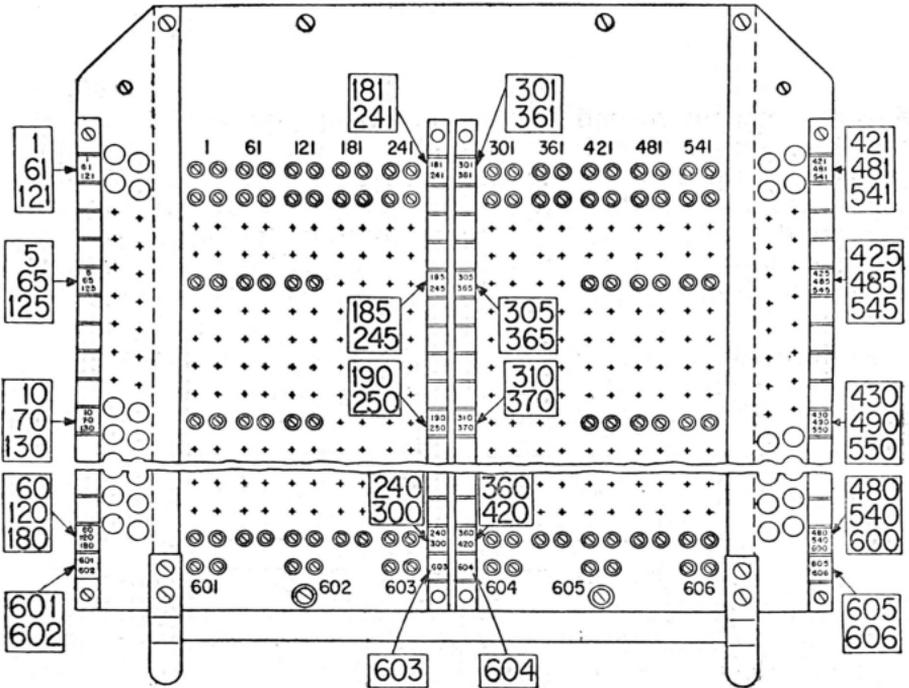
BD 304 CABLE TERMINAL



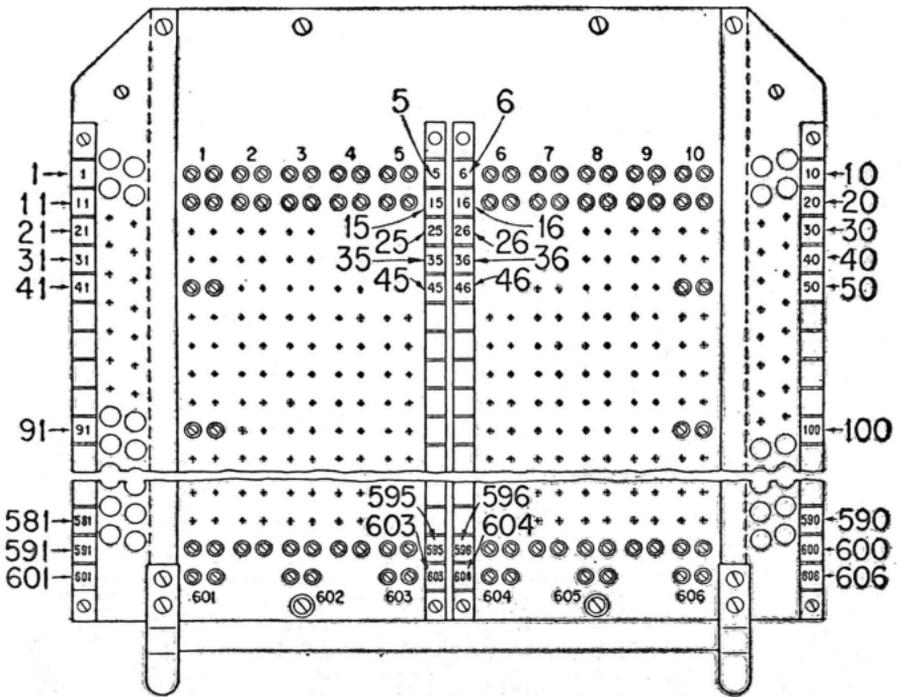
BD404 CABLE TERMINALS



BD 606 VERTICAL SEQUENCE



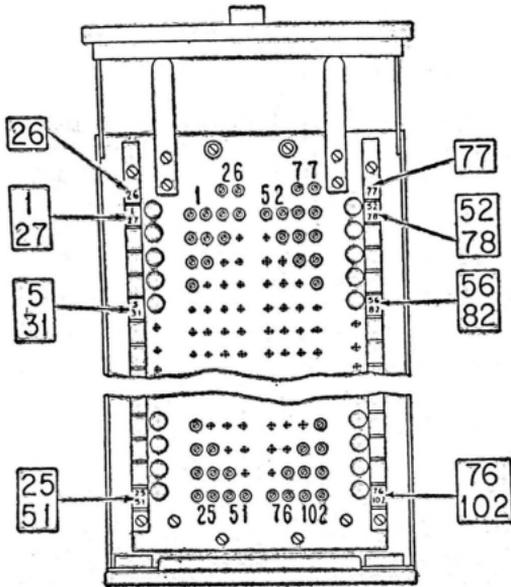
BD 606 HORIZONTAL SEQUENCE



4.02 Due to the small number of BE type cable terminals in plant individual cards for these terminals will not be provided. Cards for the BD cable terminals can be used as a substitute in the following manner.

- (a) The markings for the BE 102 and 202 should be arranged as shown on the following illustration. In this type of terminal the odd binding posts appear at the top of the terminal block therefore the binding posts numbers differ from the BD type. It is recommended that the individual numbers be cut from the adhesive tapes and that only the 1st, every 5th and last numbers be placed on the fanning strips.

BE 102 CABLE TERMINAL

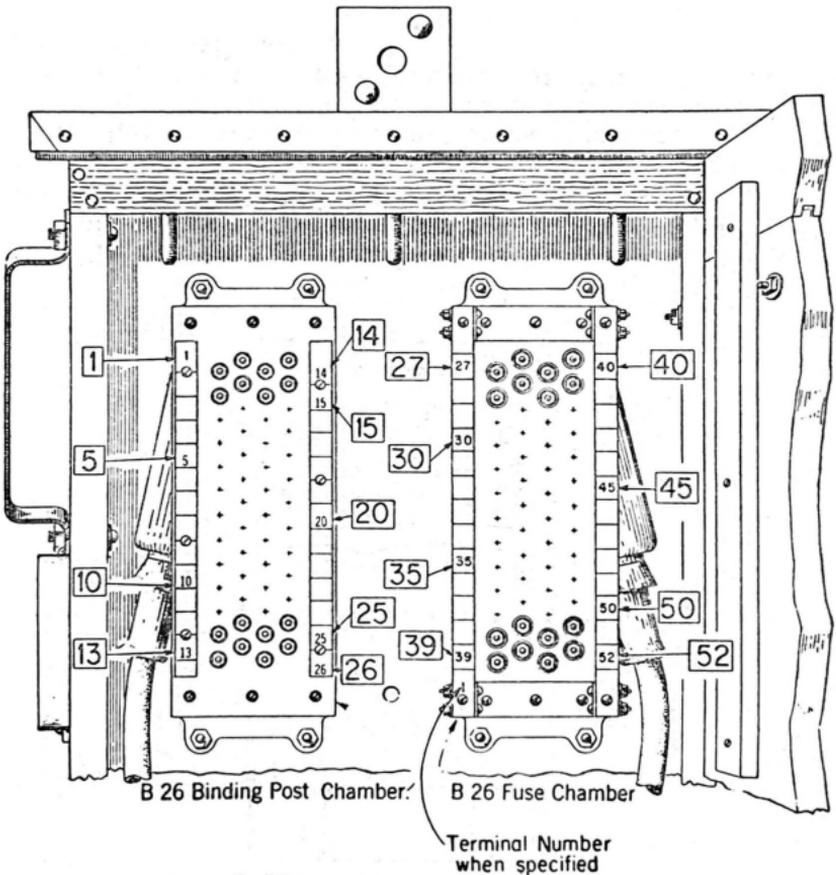


- (b) The BE 404 type terminal can be arranged in the same manner as above using the two center numbering strips for marking the binding posts adjacent to them.
- (c) The BE 304 type terminal has no odd binding posts at either end of the terminal block therefore the adhesive tapes for the BD 304 can be used without cutting. Apply the strips in the same manner as illustrated in Paragraph 4.01, BD 304.

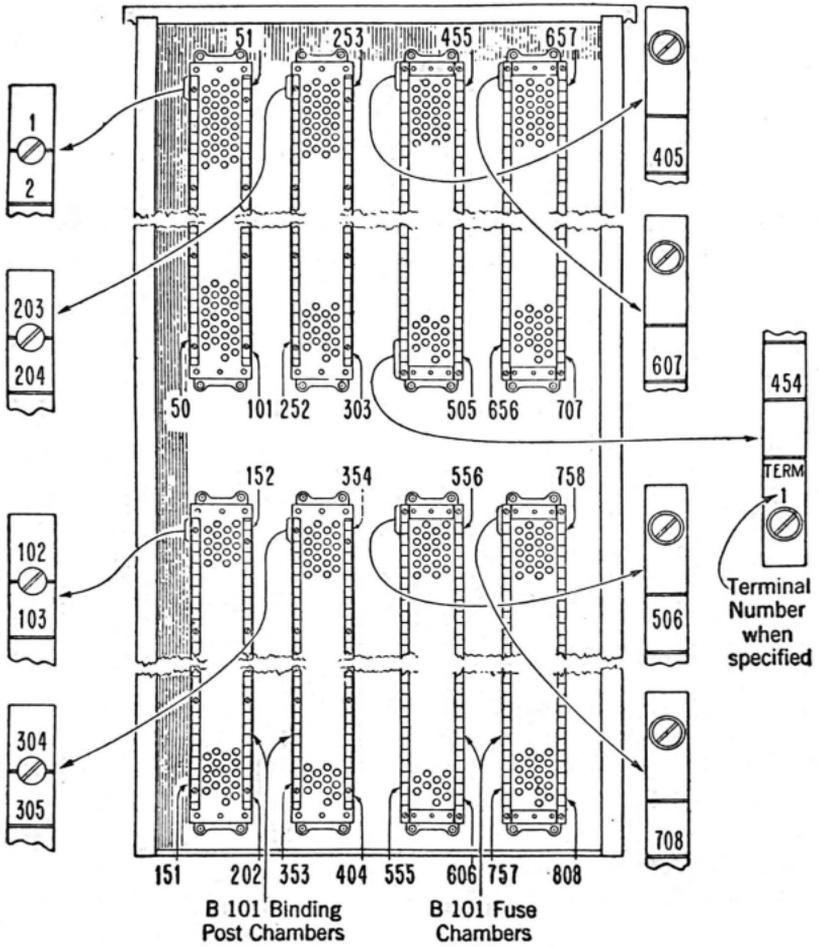
5. MARKING B AND BB TYPE CABLE TERMINALS

5.01 To provide binding post numbering for feeder cable pairs in B and BB type terminals the marking tapes should be arranged as shown on the following illustrations. The distributing cable pair numbering tapes for B and BB terminals are arranged in the same manner as shown in Section G61.165. These numbered tapes use the new even count system explained in Paragraph 4.01 of this section.

(a) Single Bank of Chambers:



(b) Double Bank of Chambers:



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