

2  
P.B.X. SYSTEMS  
GROUNDING CIRCUIT

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 The headings on Figs. 6 and 7 are changed to indicate A&M Only rating for No. 551-A and Mfr. Disc. for 551-B.

D.2 Note five is added.

D.3 Reference to Note five at Fig. 19 is added.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT. 5336-EME-EvdL-RE

PBX SYSTEMS  
GROUNDING CIRCUIT

## CHANGES

## D. DESCRIPTION OF CIRCUIT CHANGES

D.1 Figures 6, 7 and 19 are revised.

All other headings under Changes, no change.

## 1. PURPOSE OF CIRCUIT

1.1 This circuit is used to provide a means of grounding PBX switchboards, order turrets, service observing desks, etc.

## 2. WORKING LIMITS

2.1 None.

## 3. FUNCTIONS

3.1 Provides a means of connecting PBX switchboards, order turrets, service observing desks, etc. to ground.

## 4. CONNECTING CIRCUITS

4.1 None.

## 5. DESCRIPTION OF OPERATION

5.1 This drawing covers the manner of running the leads and the color and size of the wire for grounding the different frameworks, stile strips, etc. of PBX switchboards, order turrets, service observing desks, etc. The different frameworks are covered in different figures as follows:-

- Fig. 1 - Keyshelf, Section Ironwork or Relay Rack - 604C, 554A, 554B and 605A PBX's
- Fig. 2 - Cable Rack - 604C
- Fig. 3 - Keyshelf or Relay Mounting - 600C & 700C PBX's
- Fig. 4 - Stile Strip - 600C, 700C & 554A PBX's
- Fig. 5 - Keyshelf or Relay Mounting - 550C & 550SC PBX's
- Fig. 6 - Keyshelf or Relay Mounting - 551A, 551B, 552A, 552B, 552D, 552E or 554C PBX's
- Fig. 7 - Stile Strip - 551B, 552A, 552B, 552D, 552E or 554C PBX
- Fig. 8 - Key and Relay Mounting - 506A & 506B PBX's
- Fig. 9 - Relay Mounting - No. 2 & 2A Order Turrets
- Fig. 10 - Relay Mounting - Service Observing Desk, Force Supv. Desk, Order Turret No. 3 and Apparatus Cabinets.
- Fig. 11 - Stile Strip - Service Observing Desk, Force Supv. Desk and Order Turret No. 3
- Fig. 12 - Key Mounting Keybox - Order Turret No. 3
- Fig. 13 - Switchboard Position - 606A PBA
- Fig. 14 - Switchboard - Main - 606A PBX
- Fig. 15 - Framework - Key Equipment Metal Cabinets
- Fig. 16 - Keyshelf or Relay Mounting - Service Observing Desk No. 4
- Fig. 17 - Stile Strip - Service Observing Desk No. 4
- Fig. 18 - Main Swbd. Grd. for 607A or 607B PBX
- Fig. 19 - Grd. Leads for 552A, 552B, 552D, 552E Station Lines, Trunks & Tie Trunks

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT. 2233-WVS-PWS-VAL