



L
**CONSTRUCTION AND
MAINTENANCE PRACTICES
OUTSIDE PLANT**

SECTION 30
PART 5

**CONFERENCE EQUIPMENT
FOR STATION USE WITH 33A6 PABX -
INSTALLATION AND MAINTENANCE**

CONTENTS	ITEM NUMBER
General	5.1
Locating Equipment	5.2
Wiring and Connections	5.3
Operation Tests	5.4
Maintenance	5.5

5.1 **GENERAL:** This part describes the installation and maintenance methods to be followed for conference equipment to be used with 33A6 PABX systems. Part 4 covers the description, use and limitations of such equipment.

5.2 **LOCATING EQUIPMENT:** The AY11 keys are to be installed at the stations requiring access to the conference circuit. These may be placed according to the subscribers' desire and convenience. Locations such as knee wells in desks should be avoided because of danger of injury of person or damage to the key.

5.2-a The key telephone unit equipment shall be mounted in the apparatus box which should be located in a central location. A preferred place is the PABX equipment location.

5.3 **WIRING AND CONNECTIONS:** An additional two circuits of two conductors each are required for

each station to be conference-equipped. The circuit arrangements are shown in FIGS. 1, 2 and 2A.

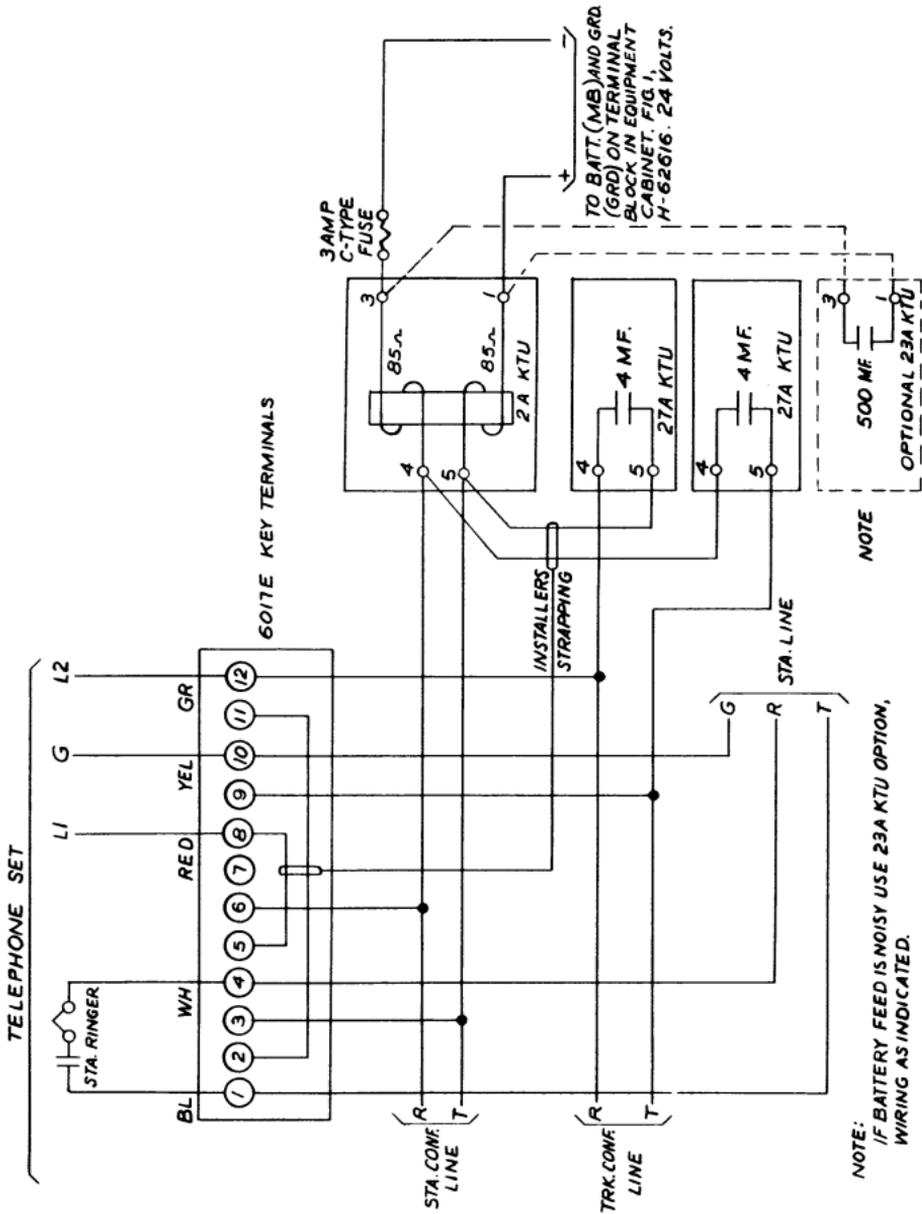
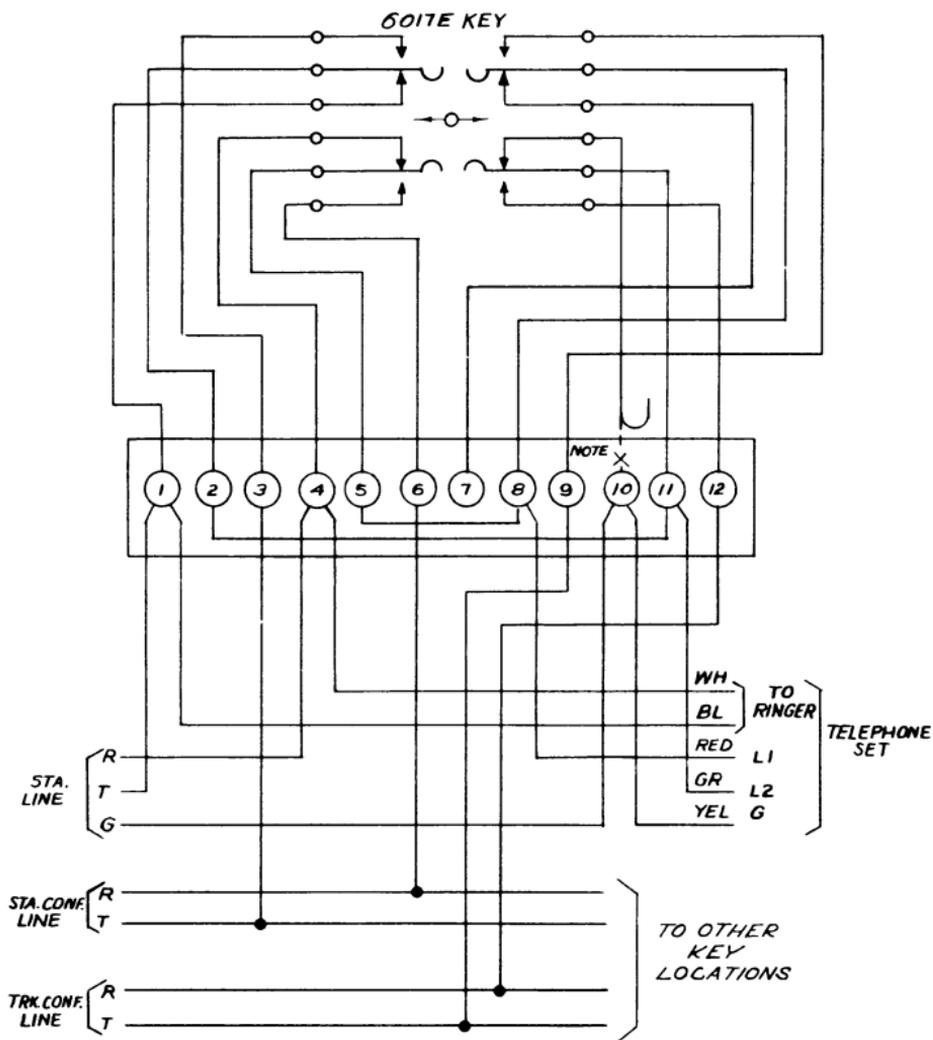


Fig. 1



NOTE:
DISCONNECT WIRE AS INDICATED AND INSULATE AWAY
FROM TERMINAL 10 WHICH IS USED FOR GROUND
TERMINATION.

Fig. 2

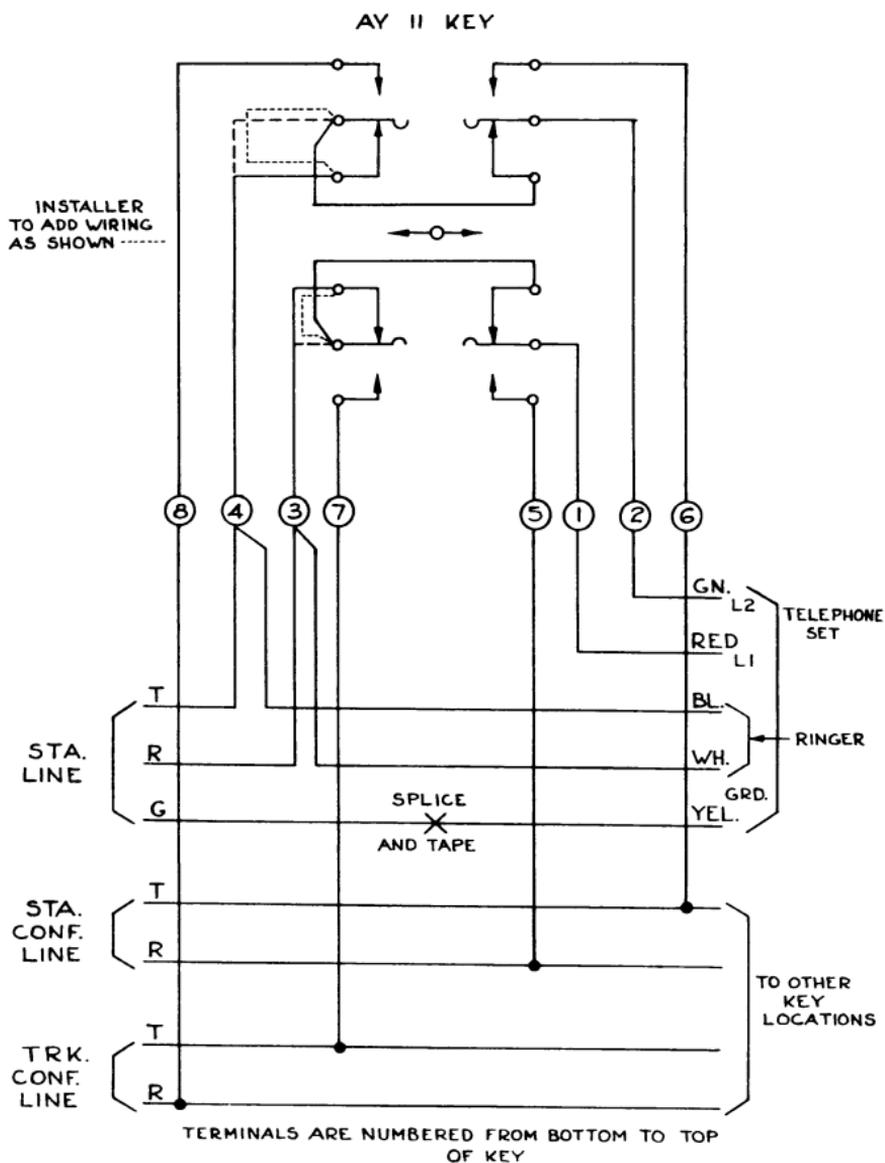


Fig. 2A

- 5.4 OPERATION TESTS: Operational tests shall be made upon completion of installation as follows:

With handset removed from telephone, dial another PABX station; when call is answered request the called party to operate the key to the station conference position. When the calling station key is also operated to the station conference position, the two stations should be able to talk. All stations involved shall be tested in the same manner.

- 5.4-a Test of the trunk conference circuit shall also be made as follows:

Dial the test-desk with the key in the station line position. Operate the key to the trunk conference position and request other PABX stations to operate the keys to the station conference position. All stations should be able to talk with each other and to the test-desk.

5.5 MAINTENANCE: In case of failure of the circuit at all locations, inspect for blown fuse at equipment or failure due to loose or broken connections at all originating points.

- 5.5-a In case of failure at a single station, inspect the key connections and key contacts.

5.5-b In case of excessive noise (battery supply) inspect the 500 mf condenser for failure or leakage.