

## **2A AND 2B KEY TELEPHONE SYSTEMS**

### **CONNECTIONS**

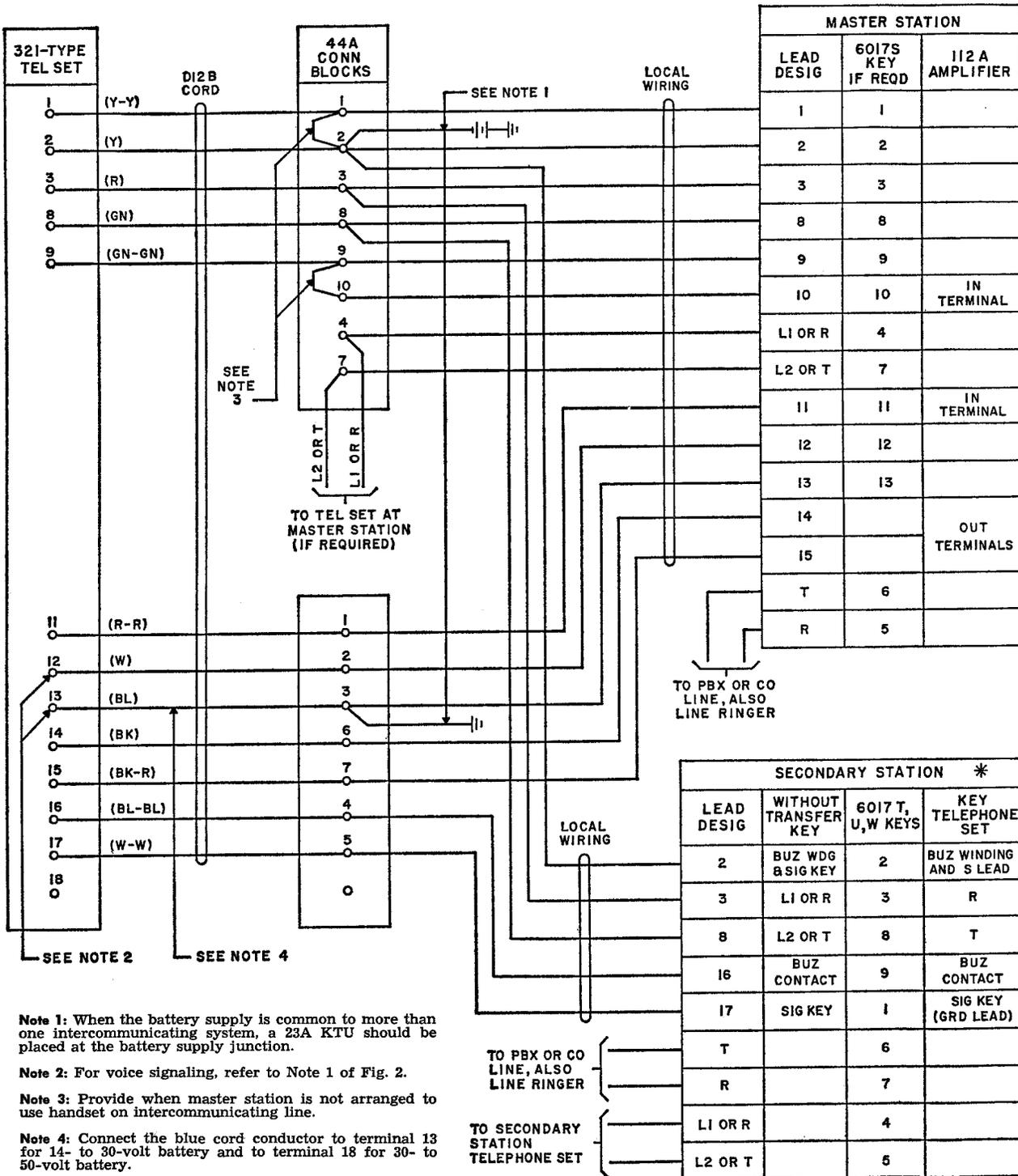
#### **1.00 GENERAL**

This section covers connections for master station and secondary station of 2A and 2B key telephone systems.

#### **2.00 CONNECTIONS**

**2.01** Connection drawings show necessary terminations to be made for incoming lines, power, cross connections between equipment, and termination of local wiring (Fig. 1 and 3).

**2.02** Connection drawings are supplemented by circuit drawings (Fig. 2 and 4). These drawings have been included as an aid in installation and maintenance.



**Note 1:** When the battery supply is common to more than one intercommunicating system, a 23A KTU should be placed at the battery supply junction.

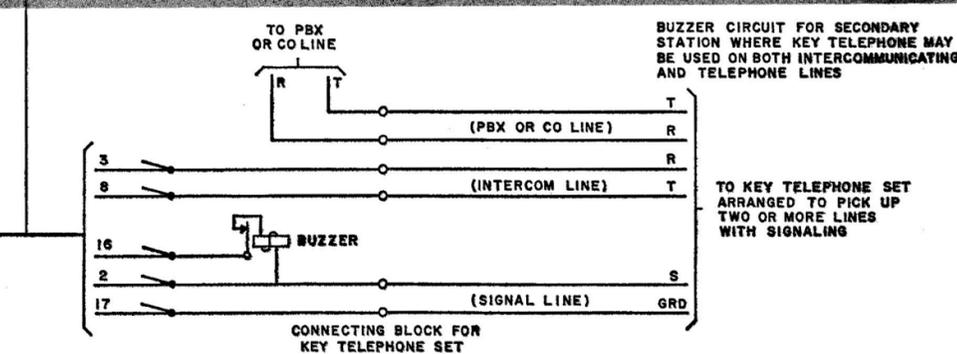
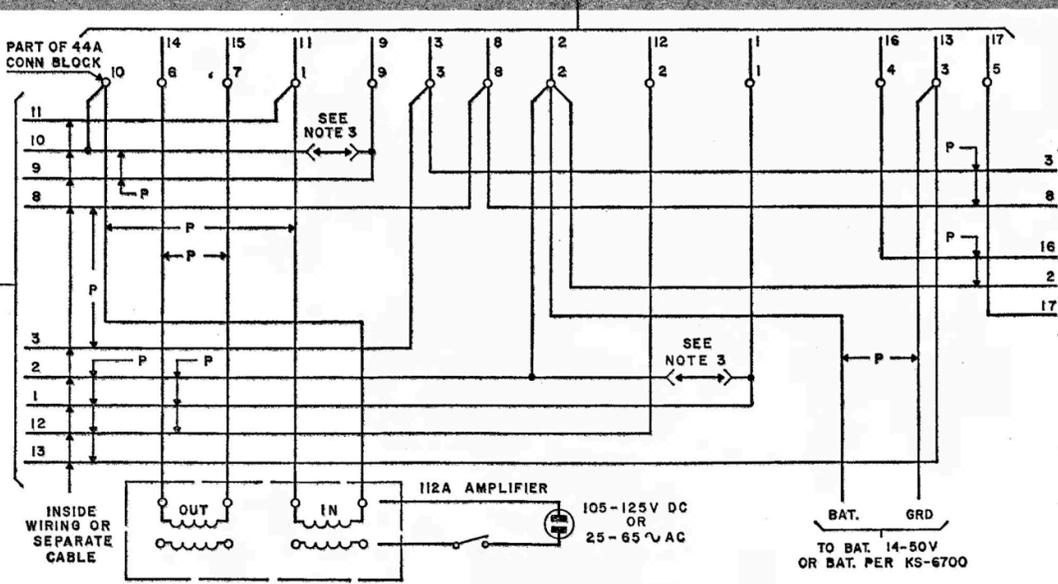
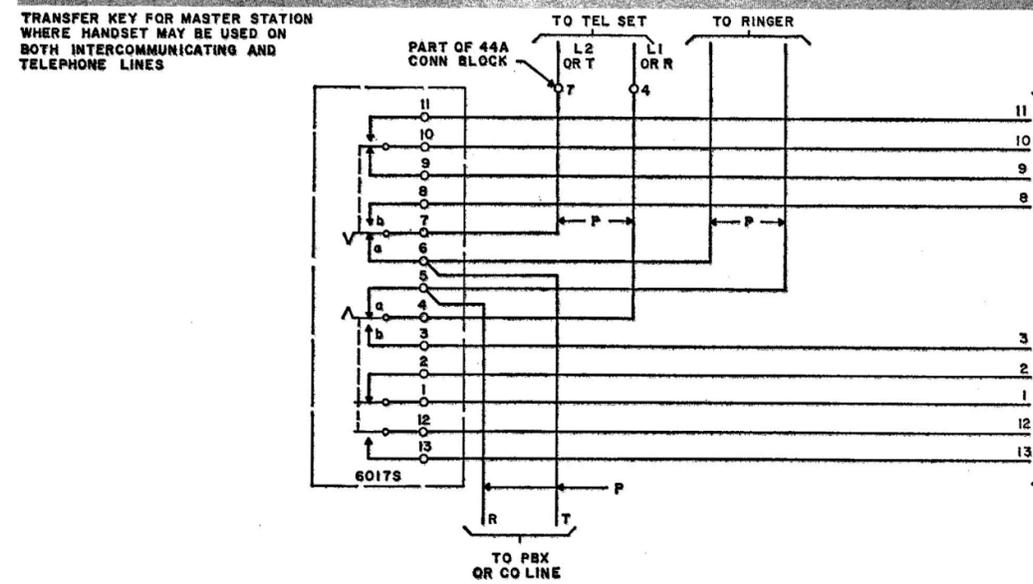
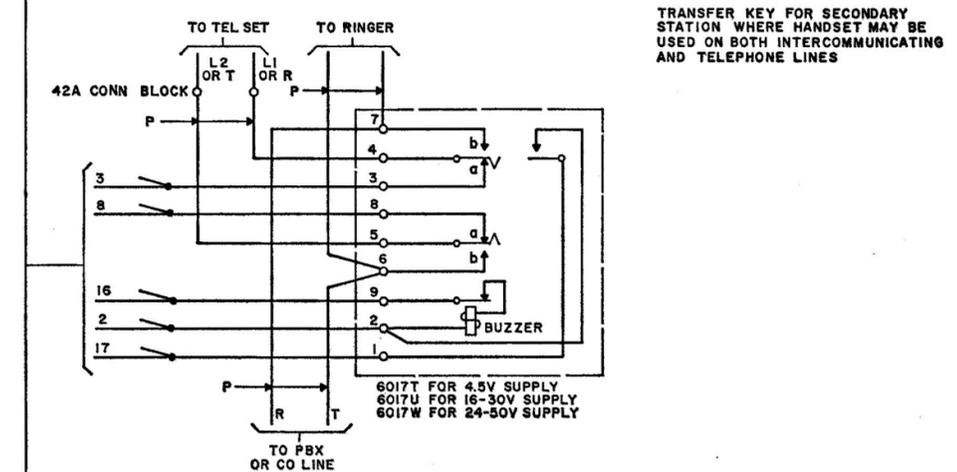
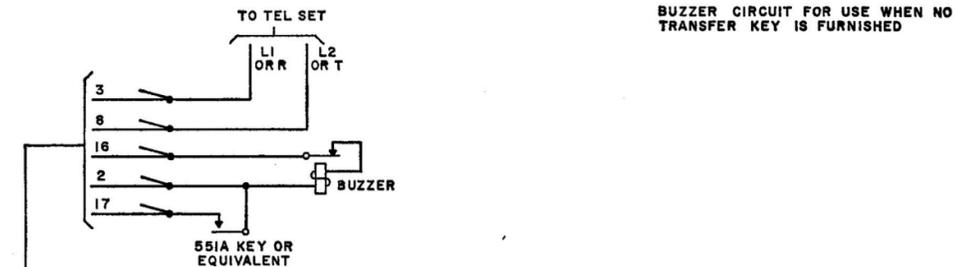
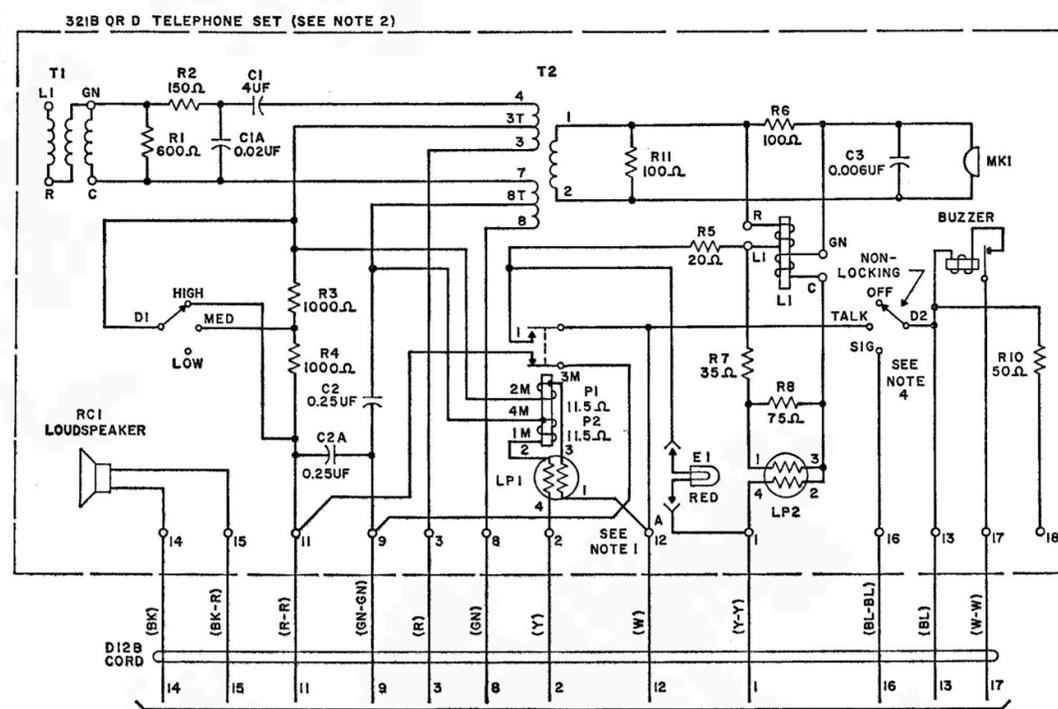
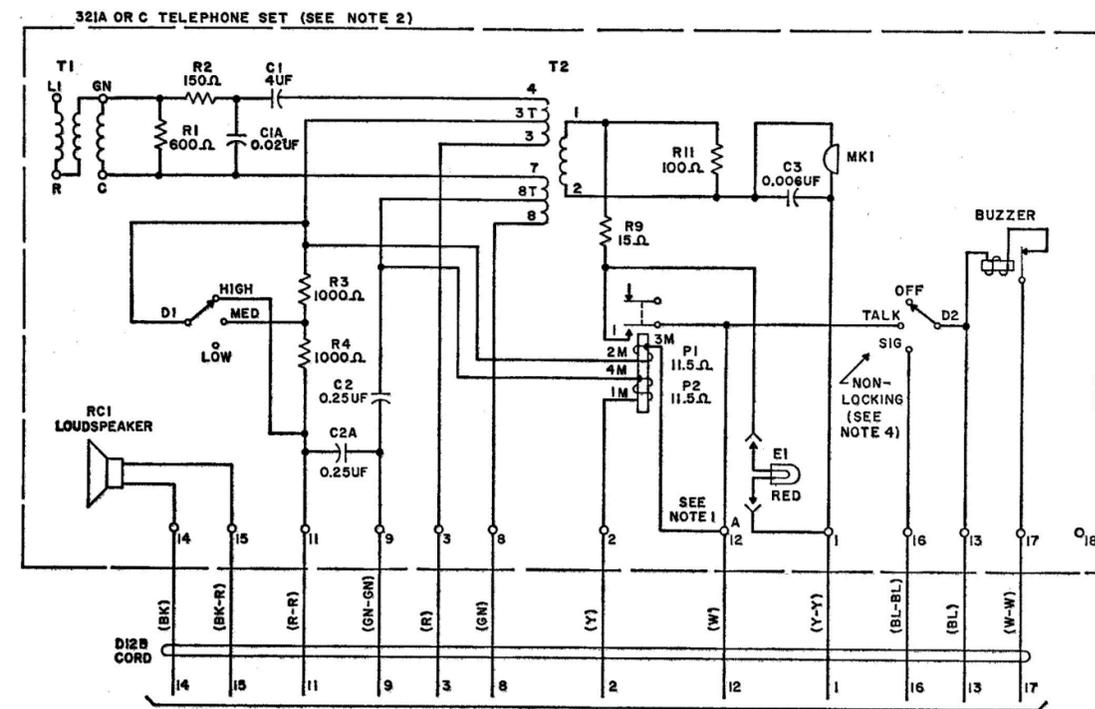
**Note 2:** For voice signaling, refer to Note 1 of Fig. 2.

**Note 3:** Provide when master station is not arranged to use handset on intercommunicating line.

**Note 4:** Connect the blue cord conductor to terminal 13 for 14- to 30-volt battery and to terminal 18 for 30- to 50-volt battery.

\* SELECT ONE

Fig. 1 - 2A Key Telephone System Connections



Note 1: When arranged for secondary station to call master station by voice signal when master station key is in OFF position, connect lead A to terminal 13. When not arranged to call by voice signal, connect lead A to terminal 12.

Note 2: The E1 pilot lamp is not furnished in the 321A and B telephone sets.

Note 3: Provide when master station is not arranged to use handset on intercommunicating line.

Note 4: In the 321C and D telephone sets, the order of the positions of the talk switch is as shown. In the 321A and B sets, the order of positions is TALK, OFF, and SIG; and the TALK and SIG positions are nonlocking.

Note 5: The 321B and D telephone sets are manufactured with the blue cord conductor connected to terminal 13 for operation on 14- to 30-volt battery. The blue cord should be moved to terminal 18 by the installer for 30- to 50-volt battery.

Fig. 2-2A Key Telephone System Circuits



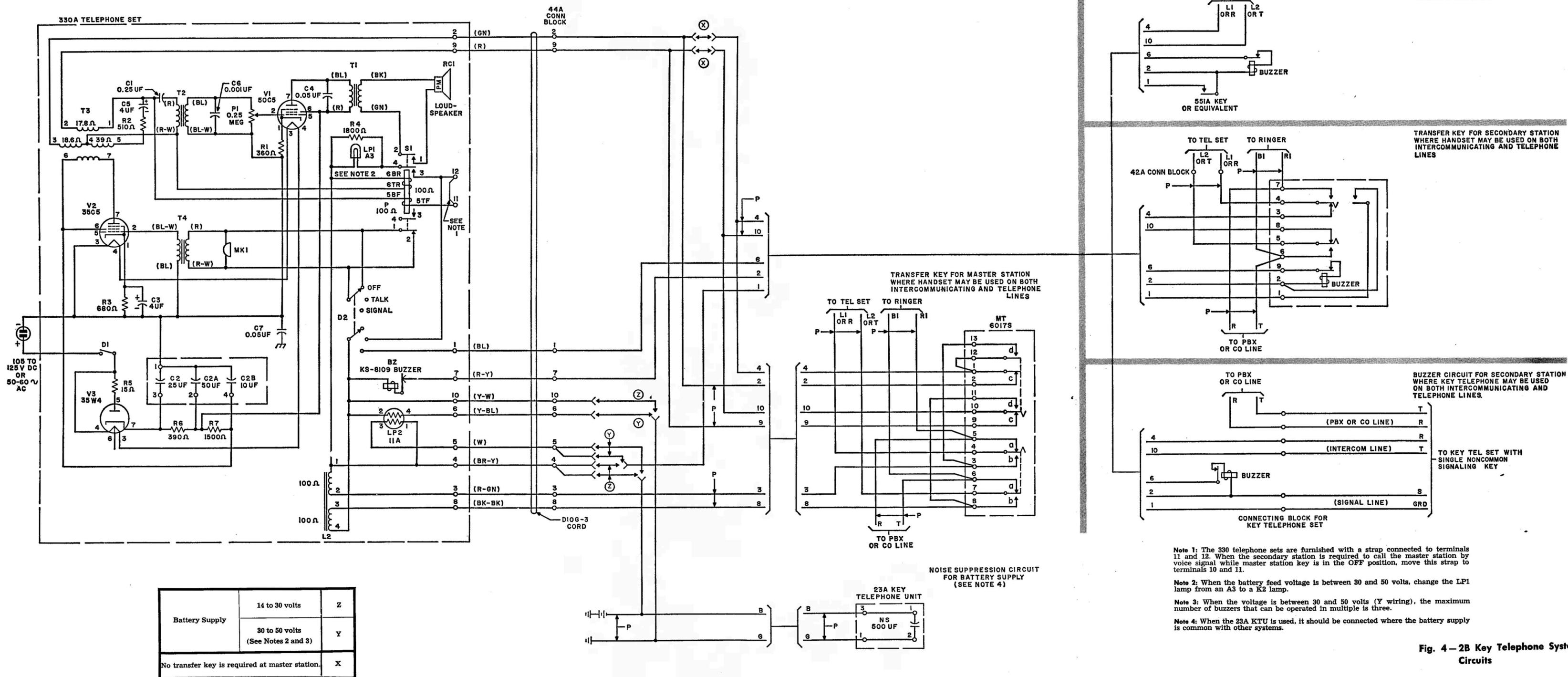


Fig. 4-2B Key Telephone System Circuits