

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.

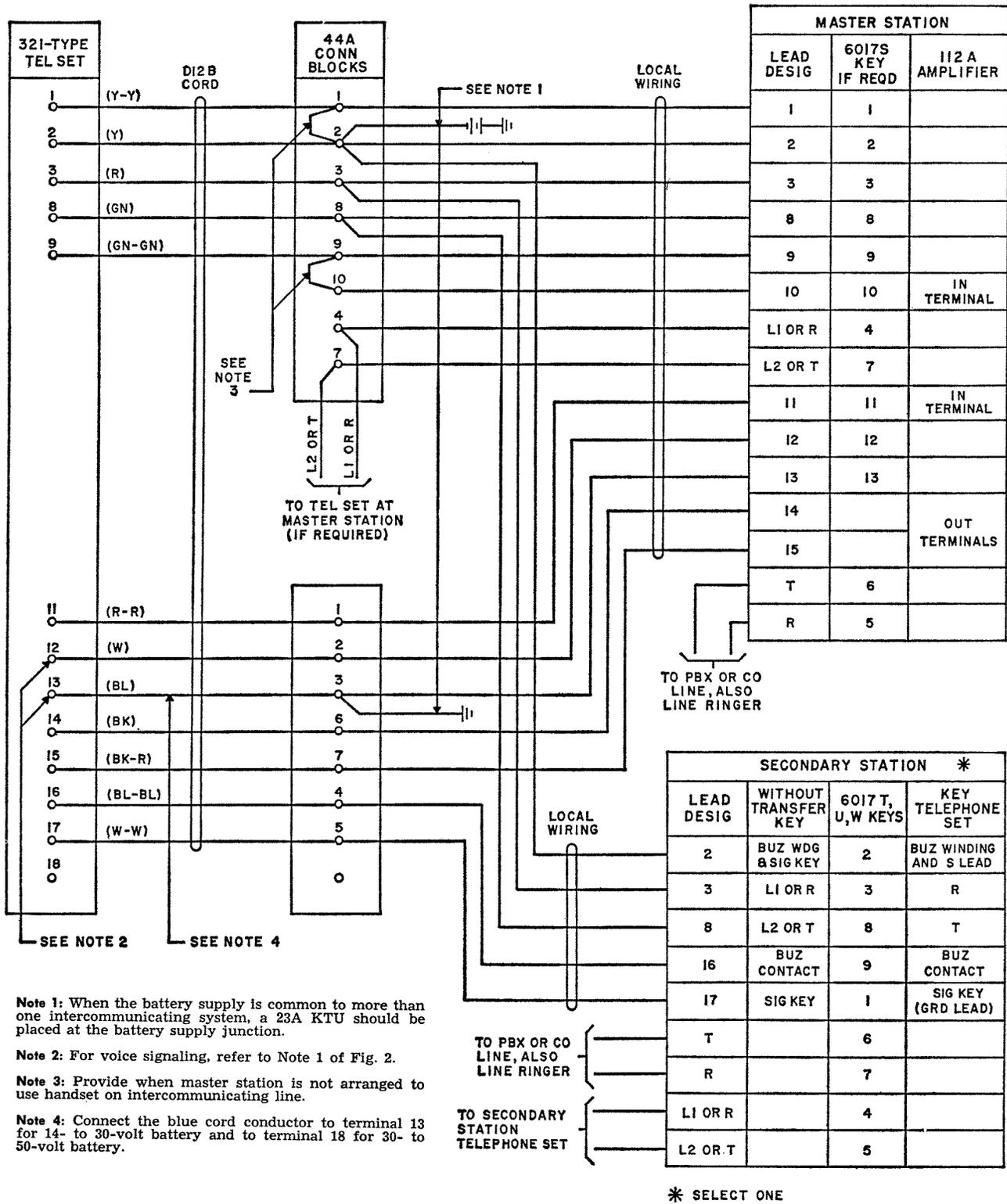
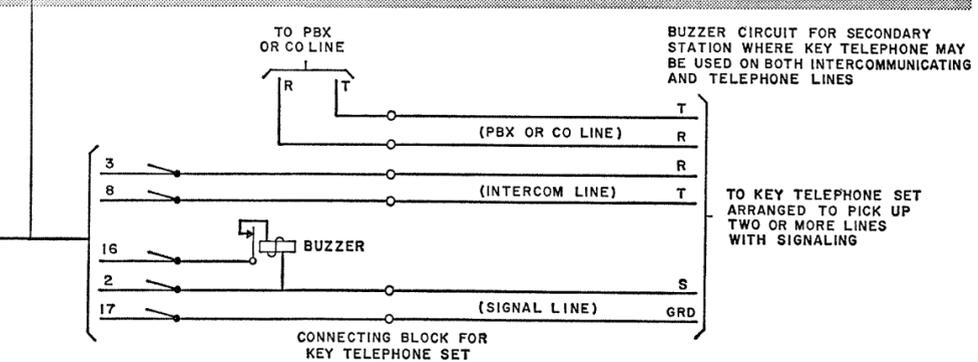
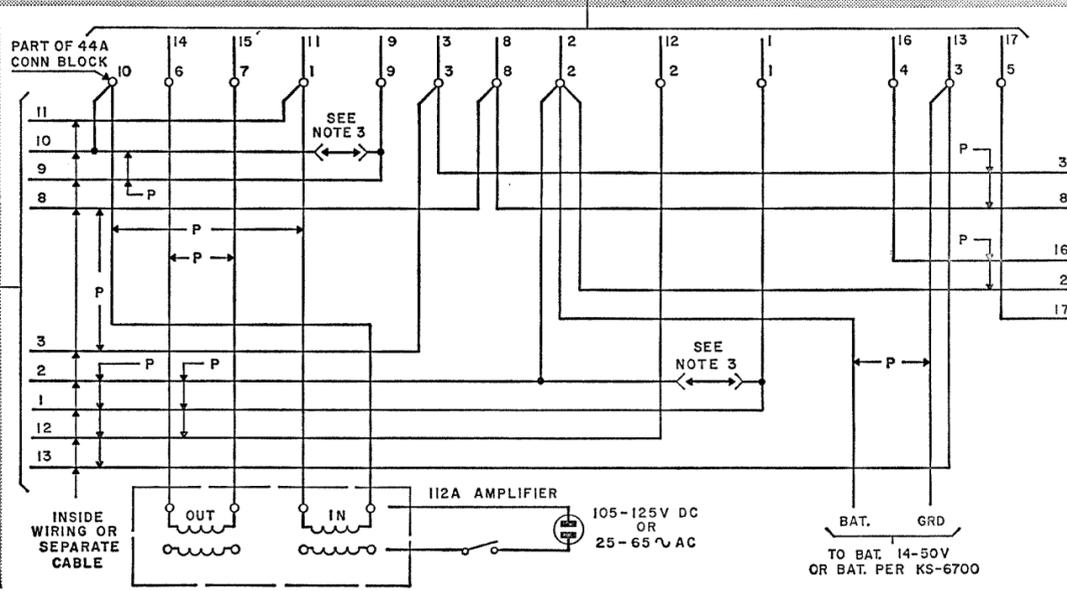
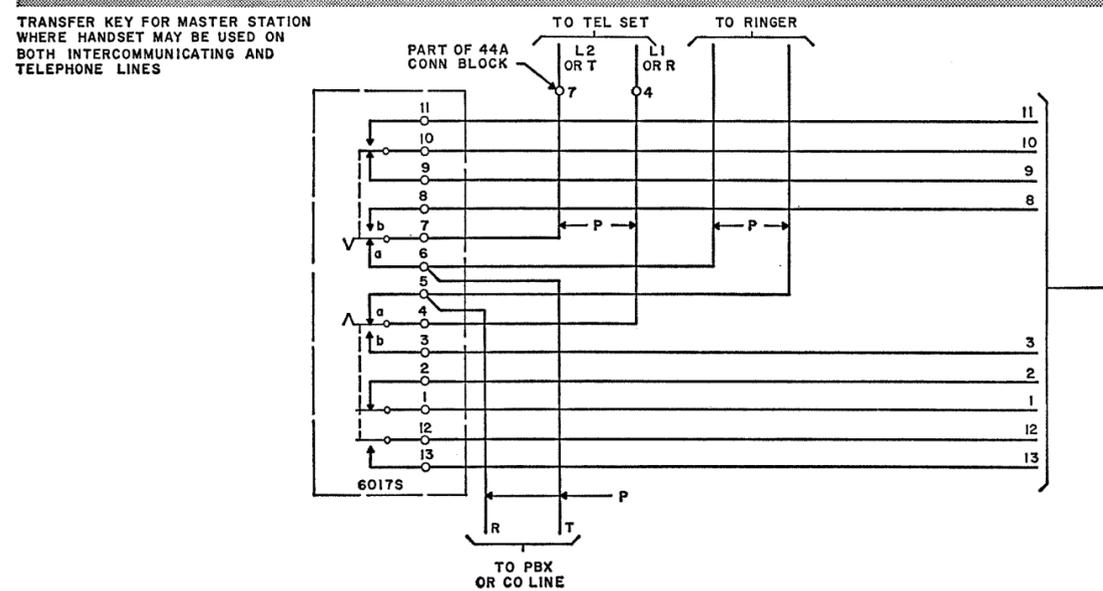
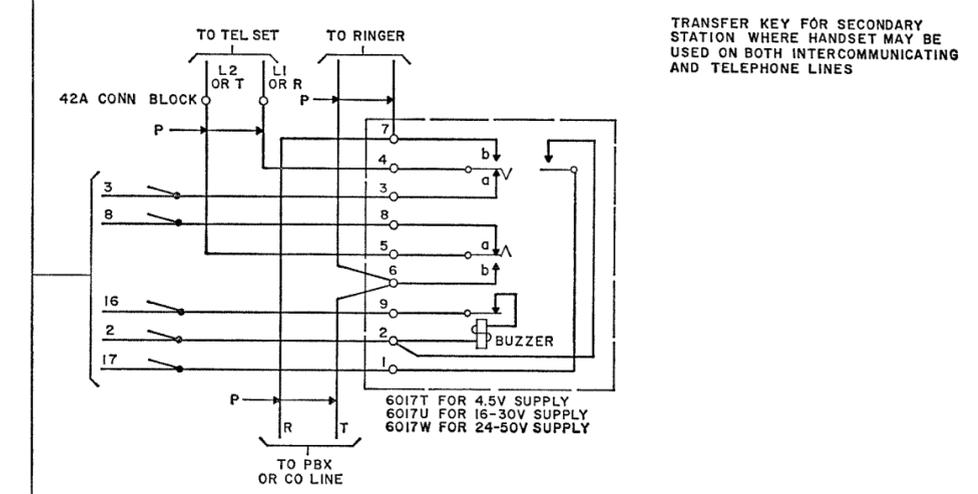
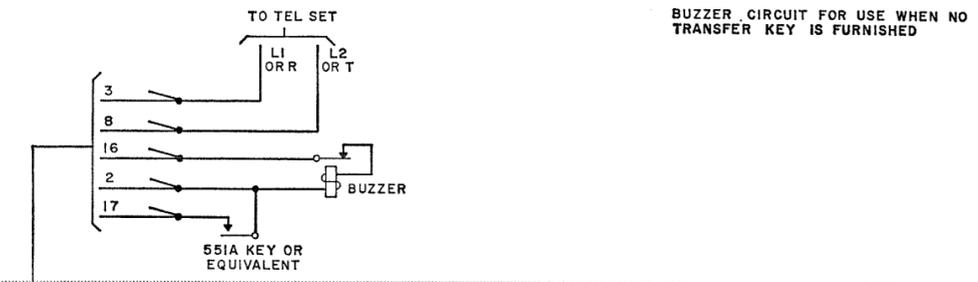
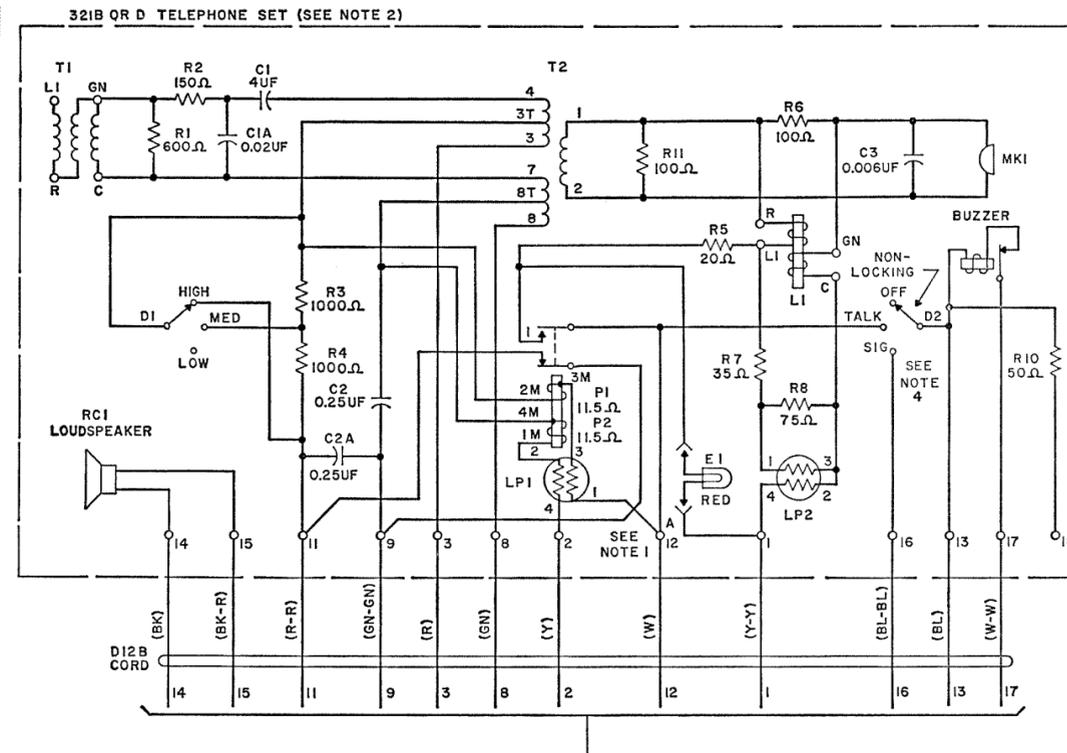
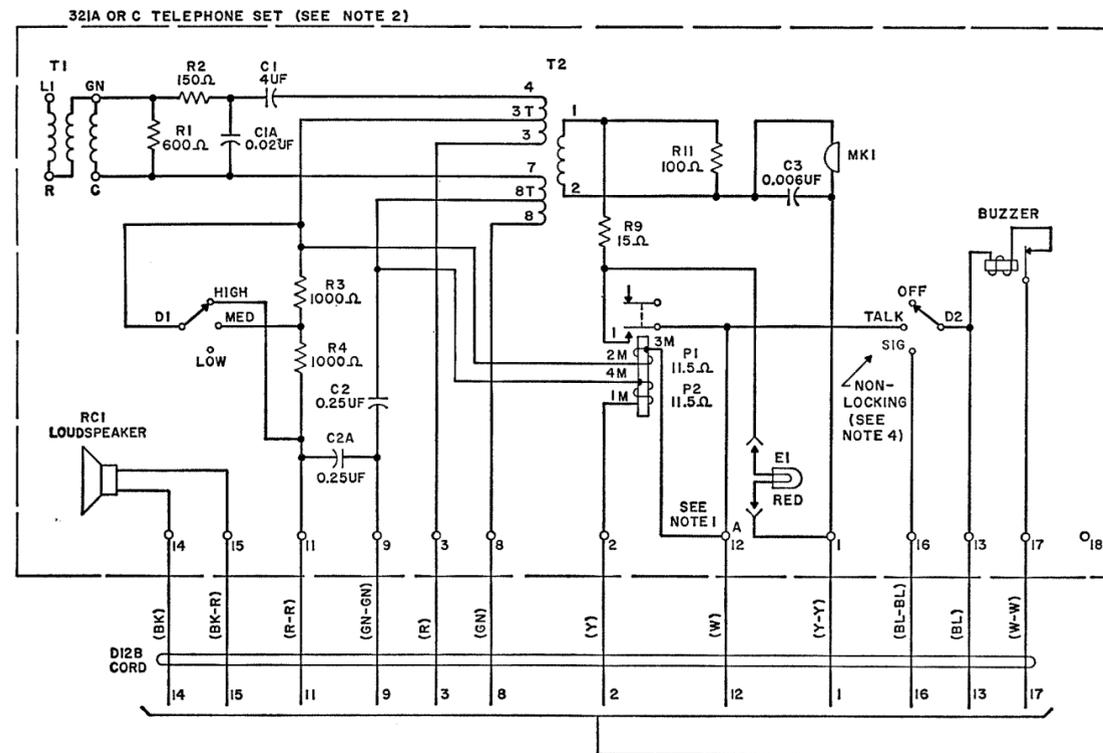


Fig. 1 - 2A Key Telephone System Connections



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

SECTION C70.121.3

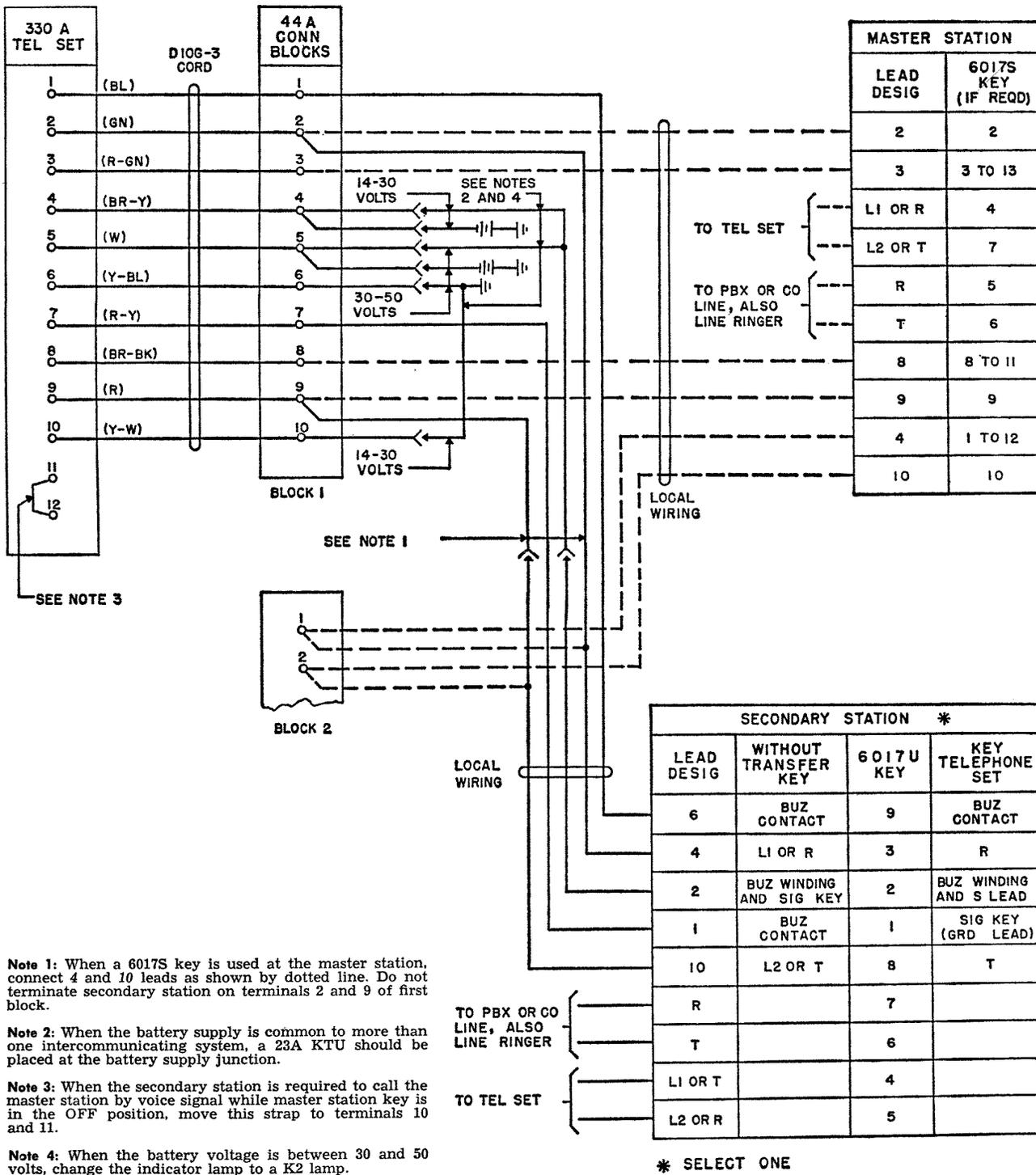
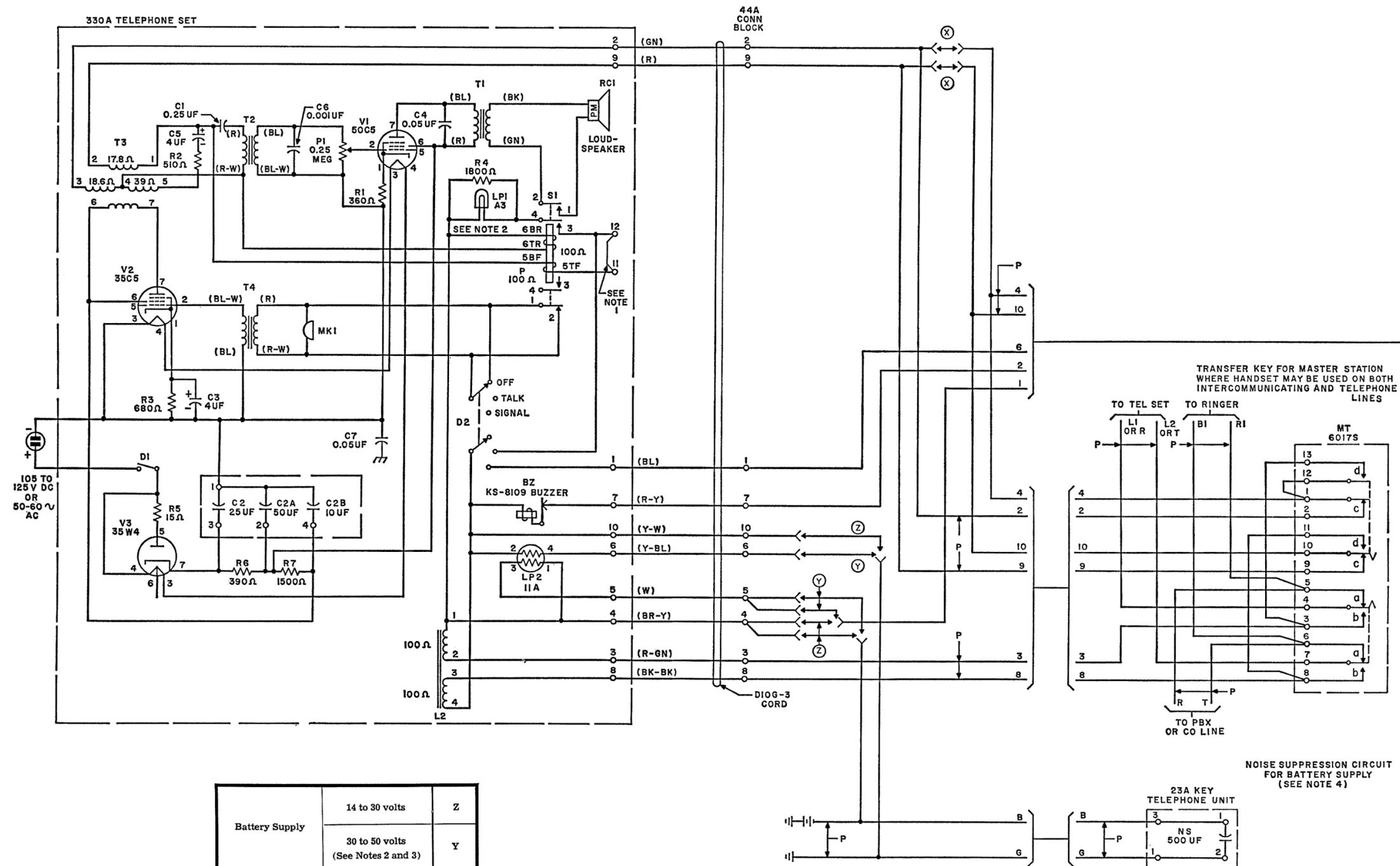
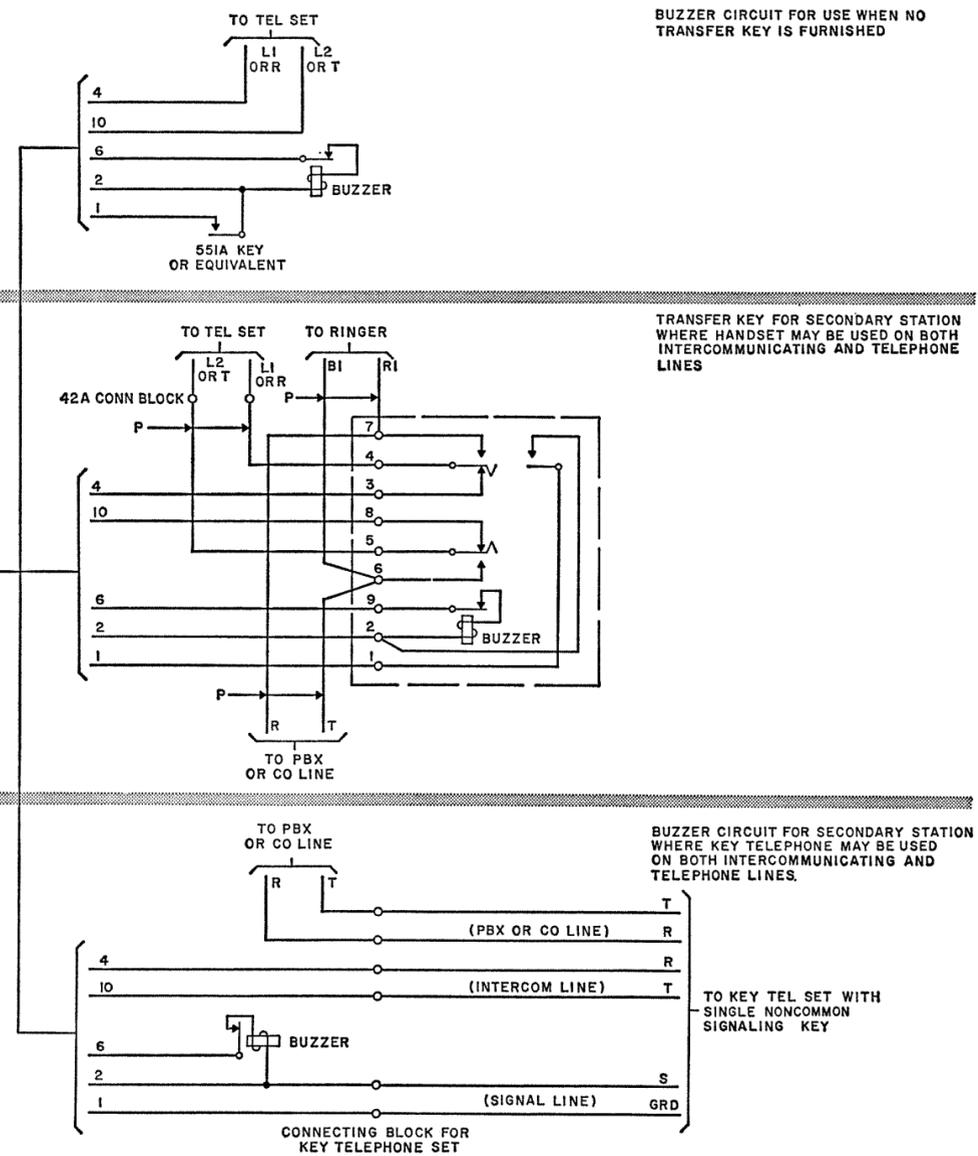


Fig. 3-2B Key Telephone System Connections



Battery Supply	14 to 30 volts	Z
	30 to 50 volts (See Notes 2 and 3)	Y
No transfer key is required at master station.		X



Note 1: The 330 telephone sets are furnished with a strap connected to terminals 11 and 12. When the secondary station is required to call the master station by voice signal while master station key is in the OFF position, move this strap to terminals 10 and 11.

Note 2: When the battery feed voltage is between 30 and 50 volts, change the LP1 lamp from an A3 to a K2 lamp.

Note 3: When the voltage is between 30 and 50 volts (Y wiring), the maximum number of buzzers that can be operated in multiple is three.

Note 4: When the 23A KTU is used, it should be connected where the battery supply is common with other systems.

Fig. 4 - 2B Key Telephone System Circuits