J53051B EQUIPMENT BAY
1P2 KEY TELEPHONE SYSTEM
CONNECTIONS

1. GENERAL

1.01 This section provides connection information for single and multigroup (audio/video) lines used for PICTUREPHONE® service.

2. CONNECTIONS

2.01 Single group connections shown are for two lines which appear at the primary (audio/video) and at the secondary (audio-only) stations, with the add-on conference option provided (Fig. 2).

2.02 Multigroup connections shown are for one line with nine station groups with one lower priority station at each of the first four station groups (Fig. 3).

2.03 Required strapping and option wiring arrangements are provided on the 66B3-50 connecting blocks mounted in the bay (Fig. 4).

Note: All key telephone units requiring option straps must be strapped by field forces.

2.04 Option straps are required on the 600A KTU. See Table A.

2.05 Option straps required on the 601A KTU, for single group, are as follows:

Strap 1 to 2 and 5 to 6 for first circuit

Strap 7 to 8 and 9 to 10 for second circuit.

Connect straps as required for single station or lowest priority station.

2.06 Fig. 1 is a block diagram of key telephone equipment for multigroup line service.

2.07 Refer to CD- and SD-69607-01 and SD-69630-01 for additional information.

2.08 ***Connection Index:***

Table A—Time-Out and Ringing Options

Fig. 2—2-Line Connections with Add-on Conference to Primary (Video) and Secondary (Audio) Stations.

Fig. 3—Multigroup Line and Station Connections.

Fig. 4—Options and Strapping on 66B3-50 Connecting Blocks.

2.09 Fig. 5 is a block diagram of key telephone equipment for 2-line single group service.

TABLE A
TIME-OUT AND RINGING OPTIONS

FEATURES	OPTION	600A KTU TB1 STRAP (NOTE 2)
Short-Time Delay (Time-Out)	Z	2 to 5 (Note1)
Line Ringing	Y	1 to 10
Interrupted Ringing	W	4 to 8
Local Ringing	X	7 to 1
Common Audible Relay Control	V	3 to 8
Common Audible with Diode Matrix	S	4 to 8
Steady Ringing	T	6 to 8

Note 1: For time-out long-time delay, remove strap 2 to 5.

Note 2: TB1 terminal numbers 1 to 10 from right to left as viewed from the equipment side of board opposite the contacts.

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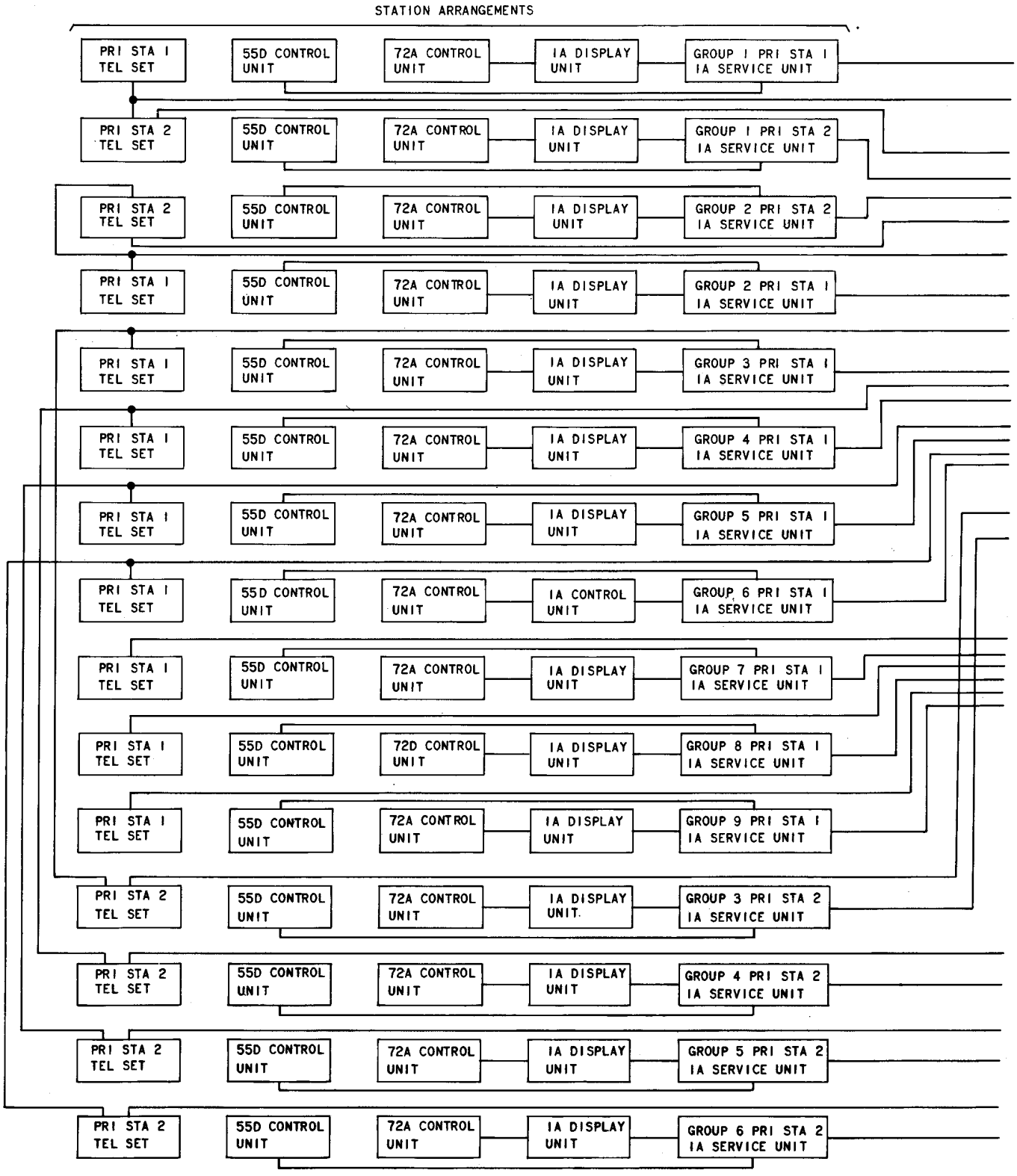

Fig. 1—Block Diagram of Key Telephone Equipment for Multigroup Line Service (Sheet 1)

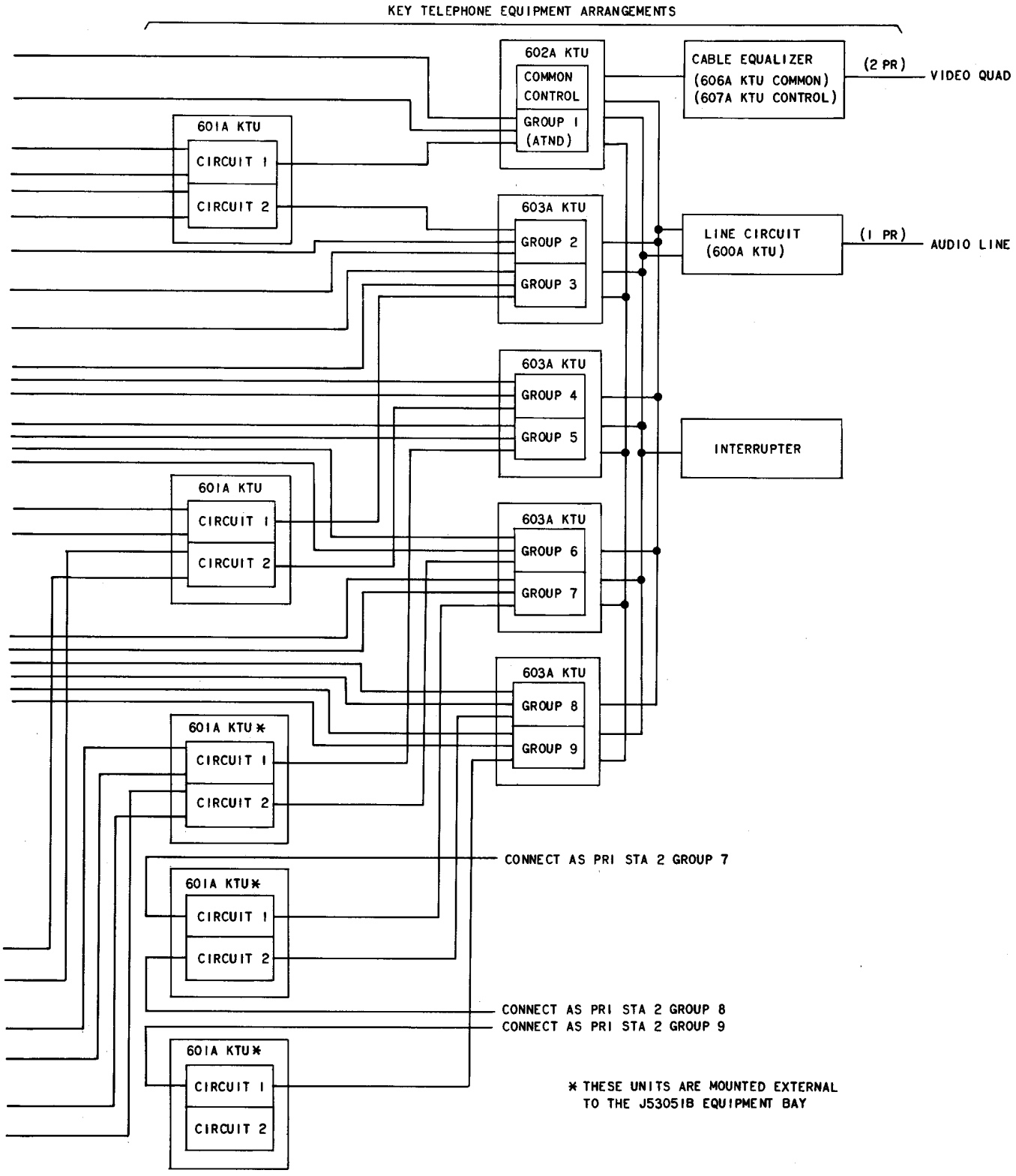

Fig. 1—Block Diagram of Key Telephone Equipment for Multigroup Line Service (Sheet 2)

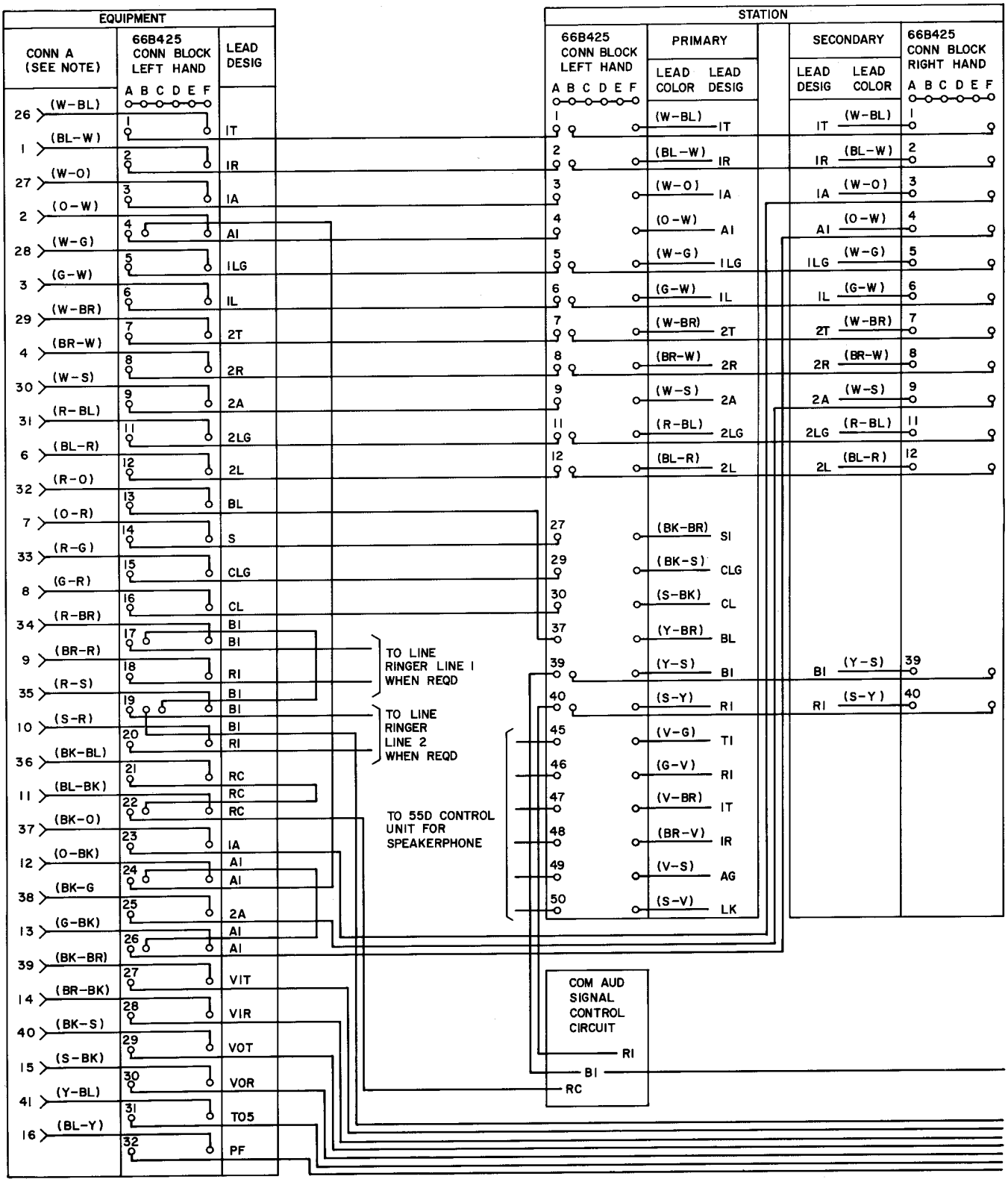

Fig. 2—2-Line Connections with Add-on Conference to Primary (Video) and Secondary (Audio) Stations (Sheet 1)

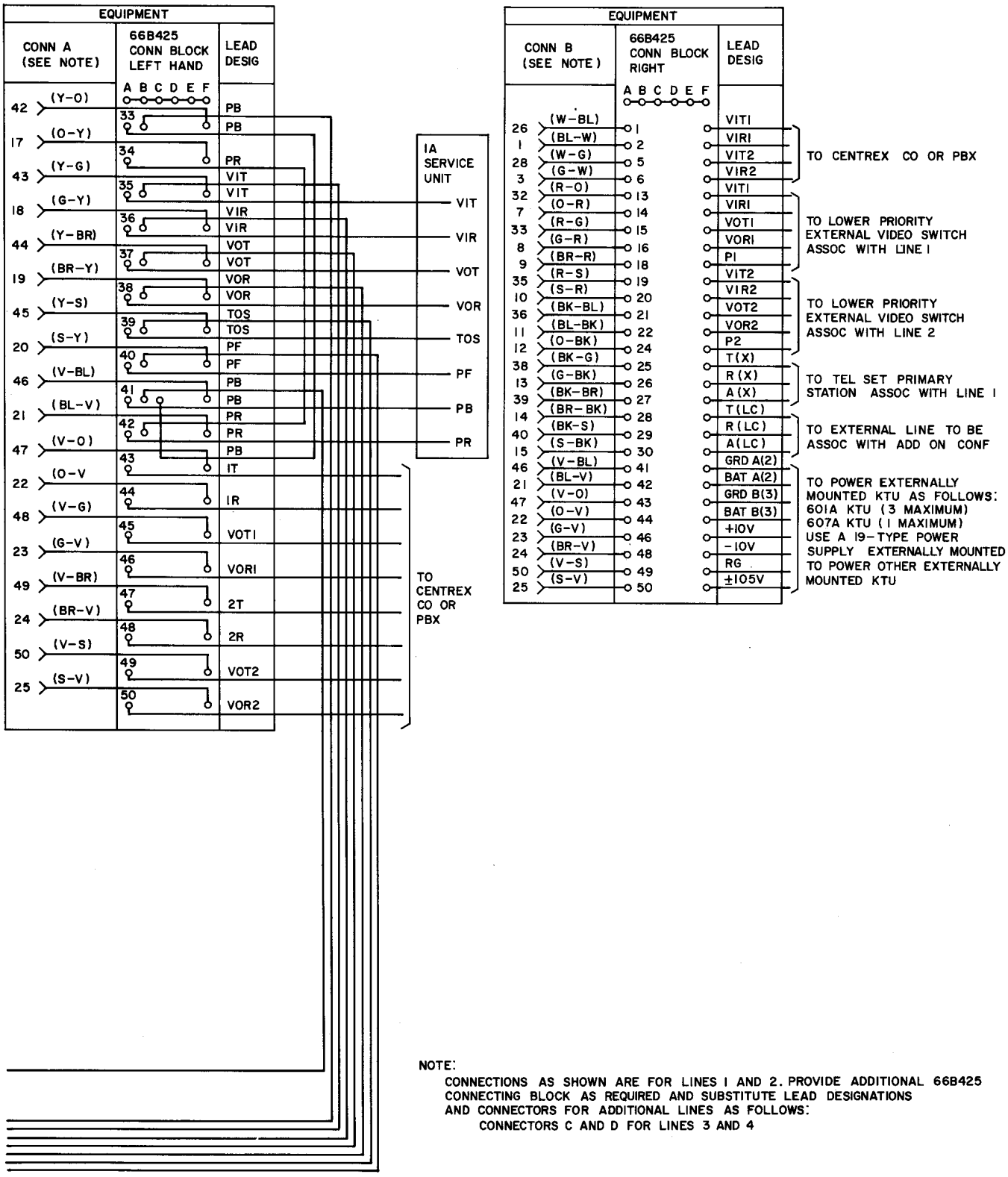

Fig. 2 —2-Line Connections with Add-on Conference to Primary (Video) and Secondary (Audio) Stations (Sheet 2)

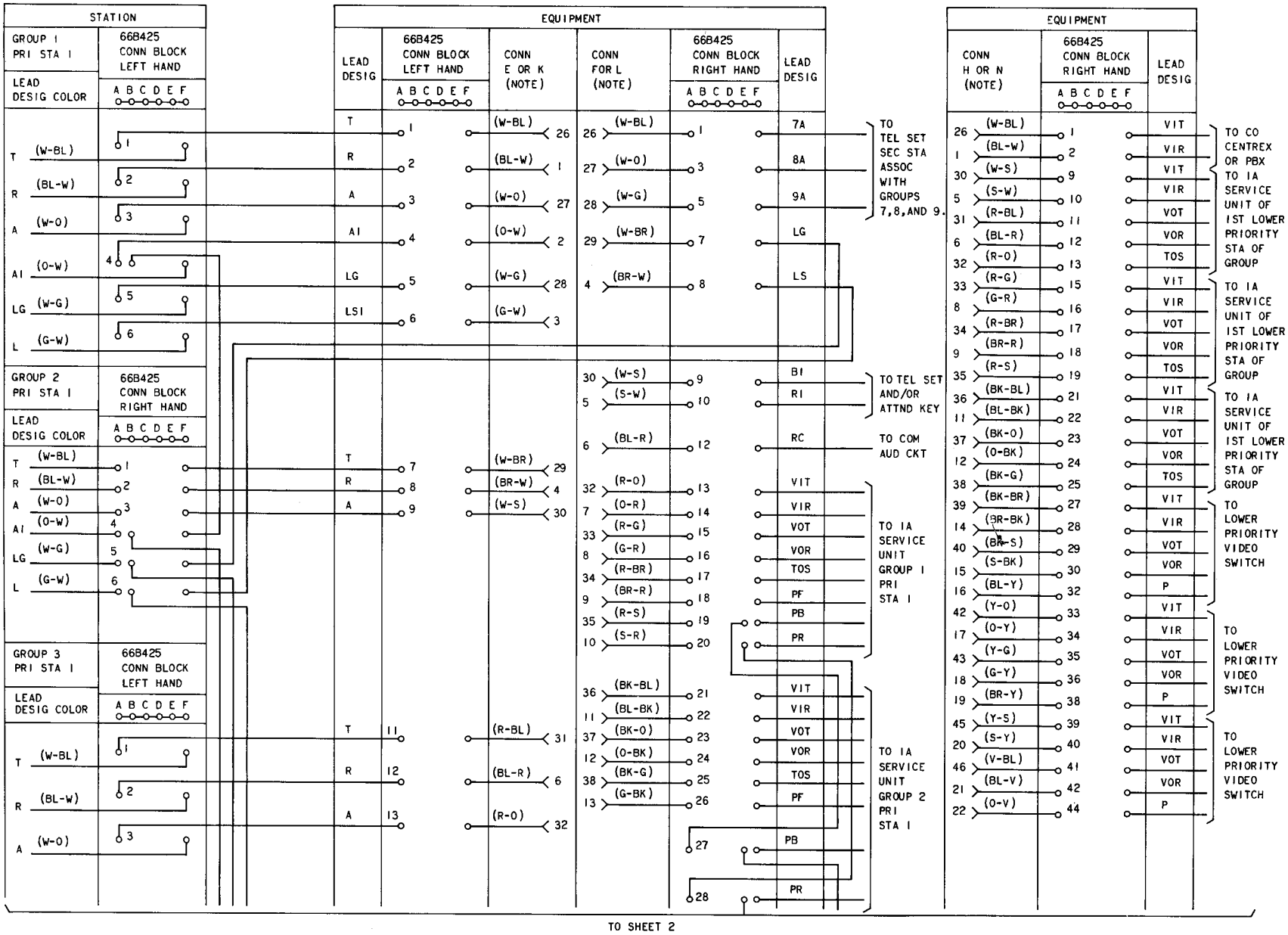

Fig. 3 —Multigroup Line and Station, Connections (Sheet 1)

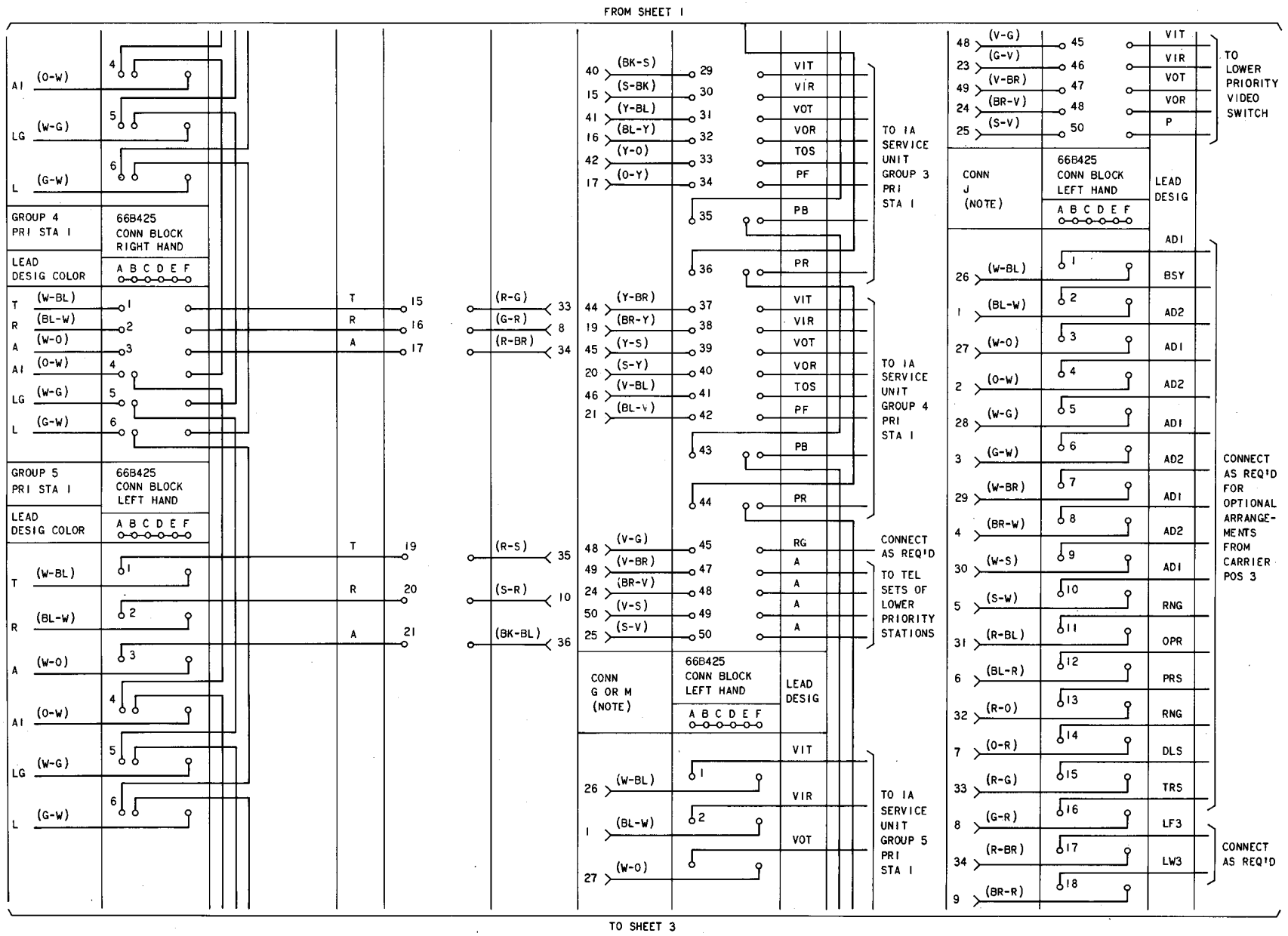

Fig. 3 —Multigroup Line and Station, Connections (Sheet 2)

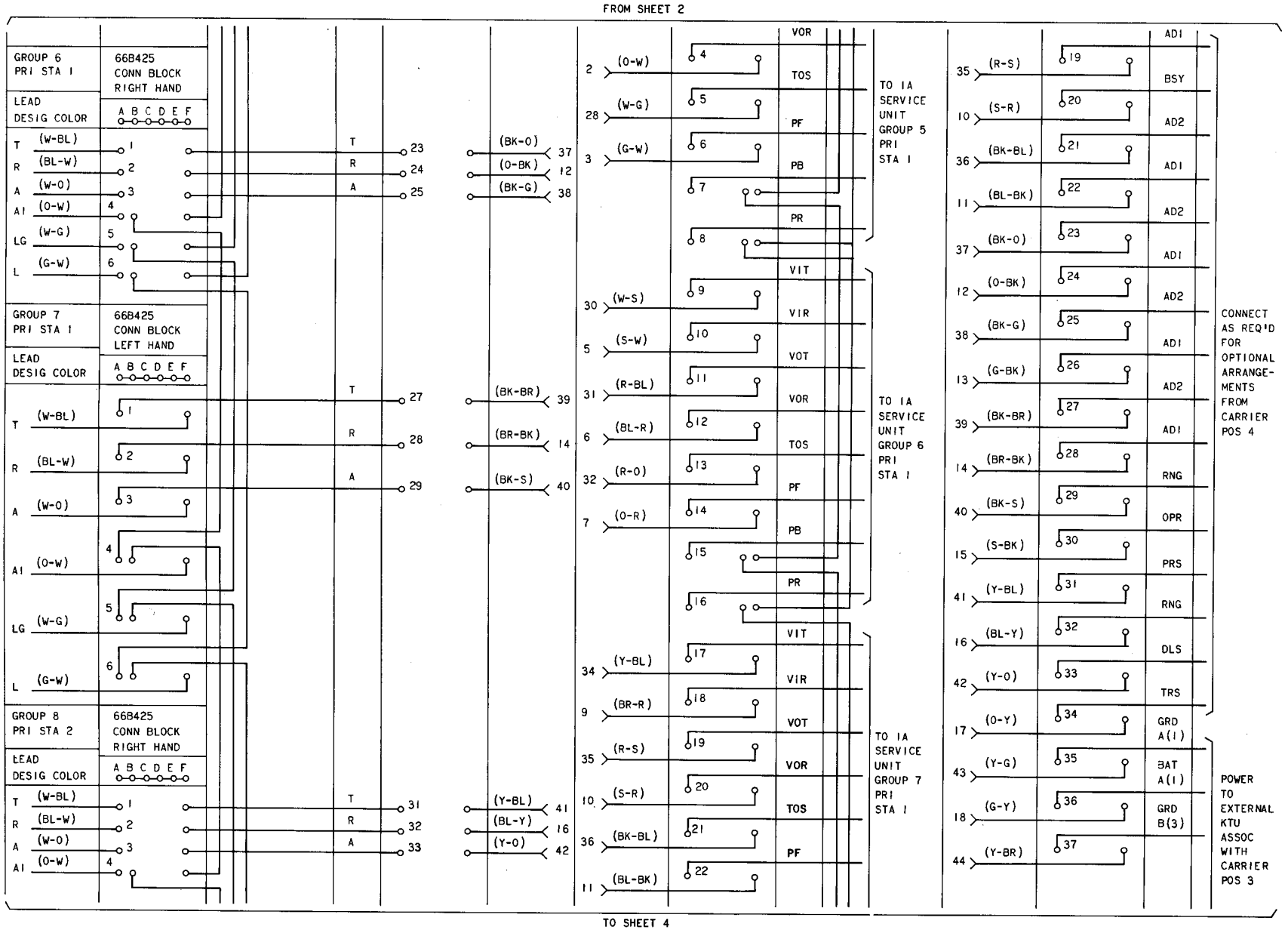

Fig. 3—Multigroup Line and Station, Connections (Sheet 3)

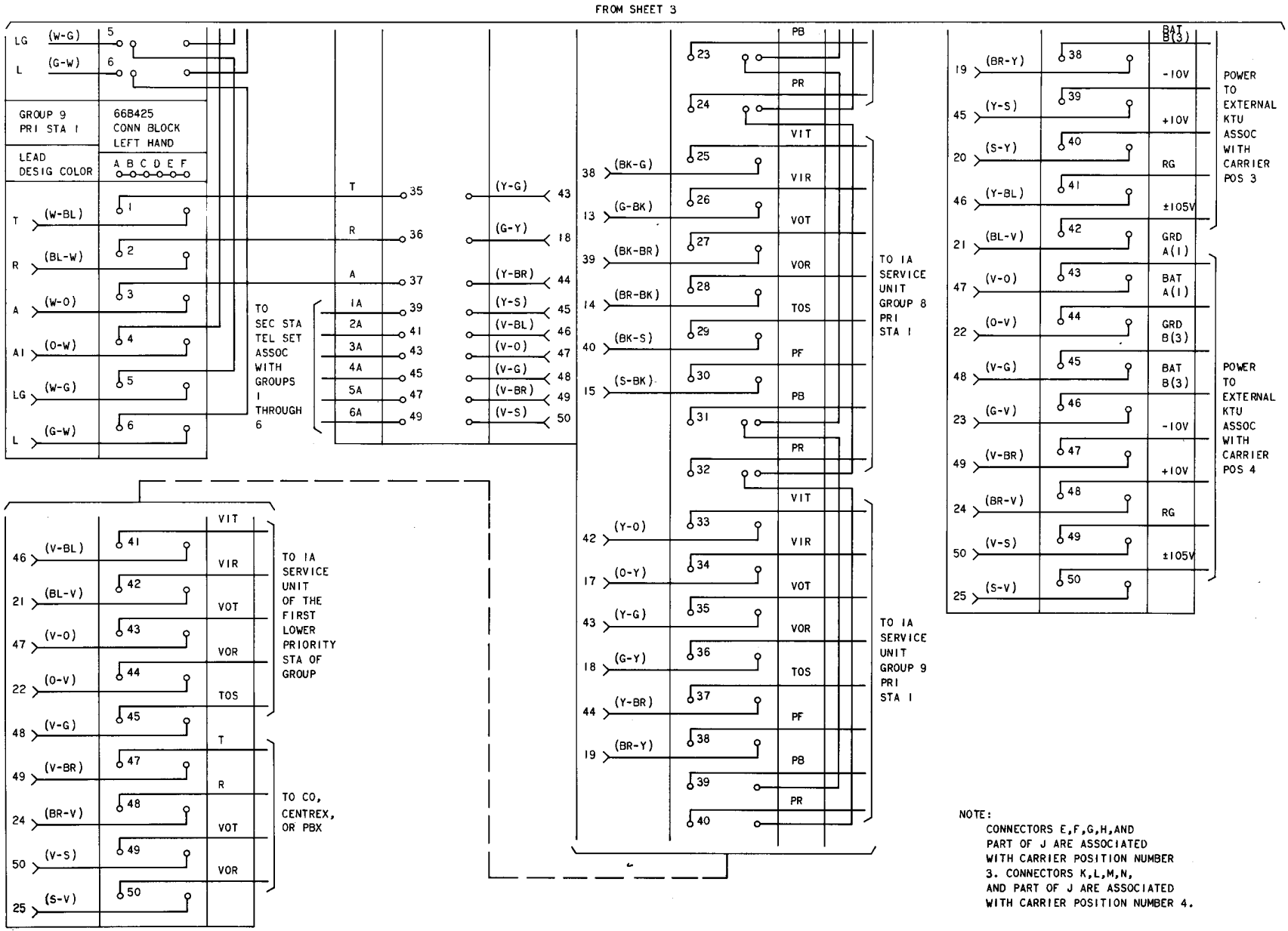

Fig. 3—Multigroup Line and Station, Connections (Sheet 4)

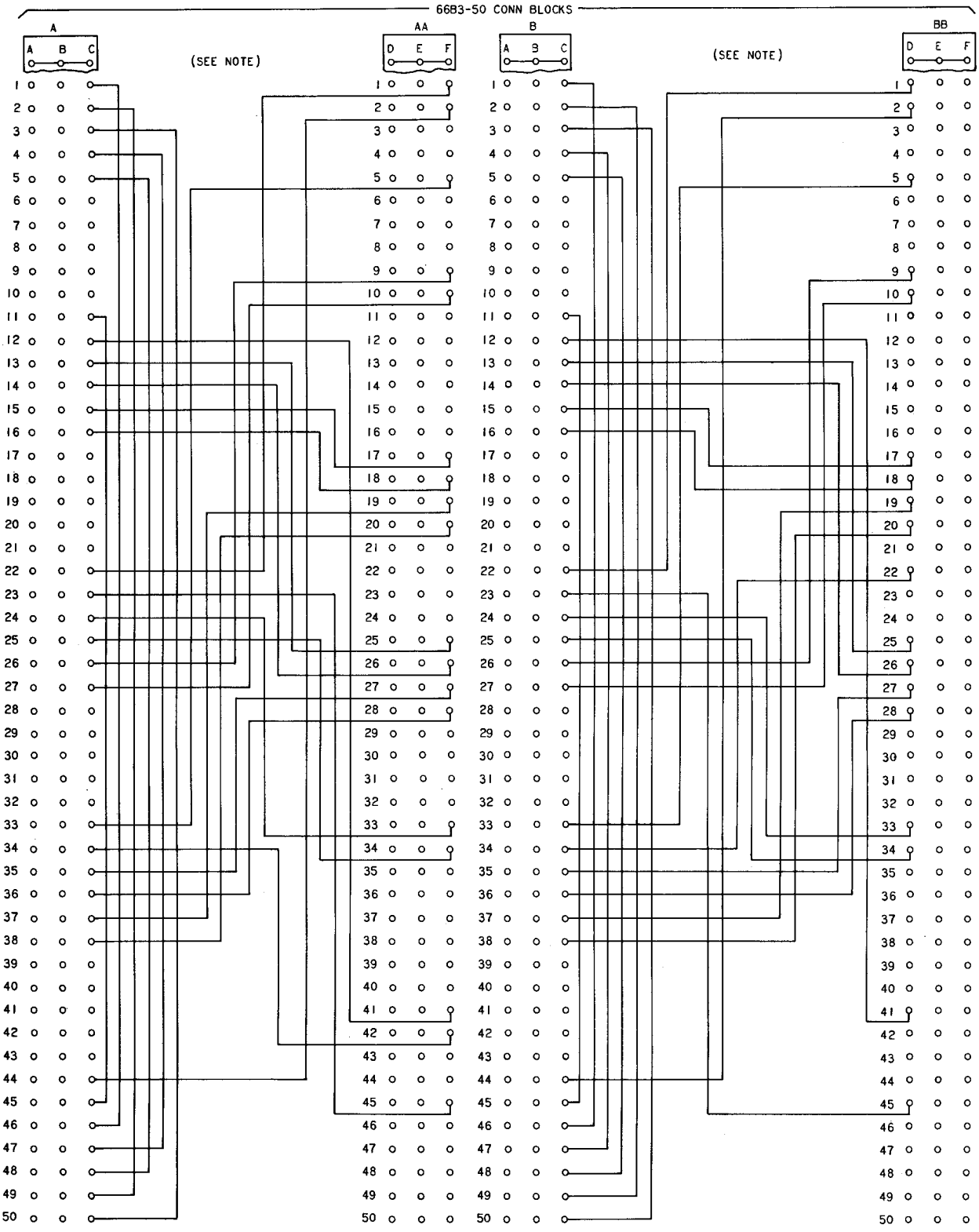

Fig. 4—Options and Strapping on 66B3-50 Connecting Blocks (Sheet 1)

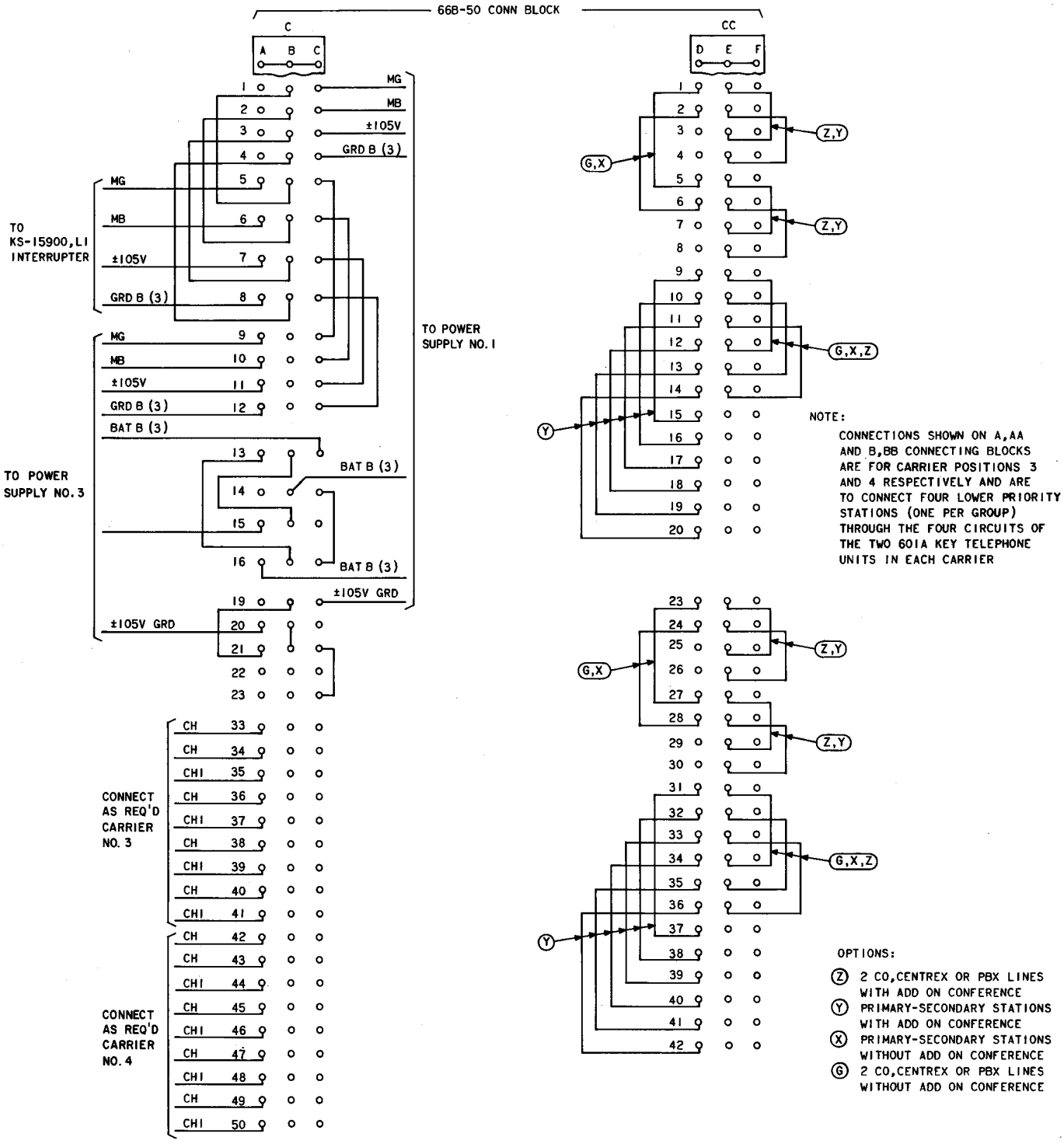

Fig. 4—Options and Strapping on 66B3-50 Connecting Blocks (Sheet 2)

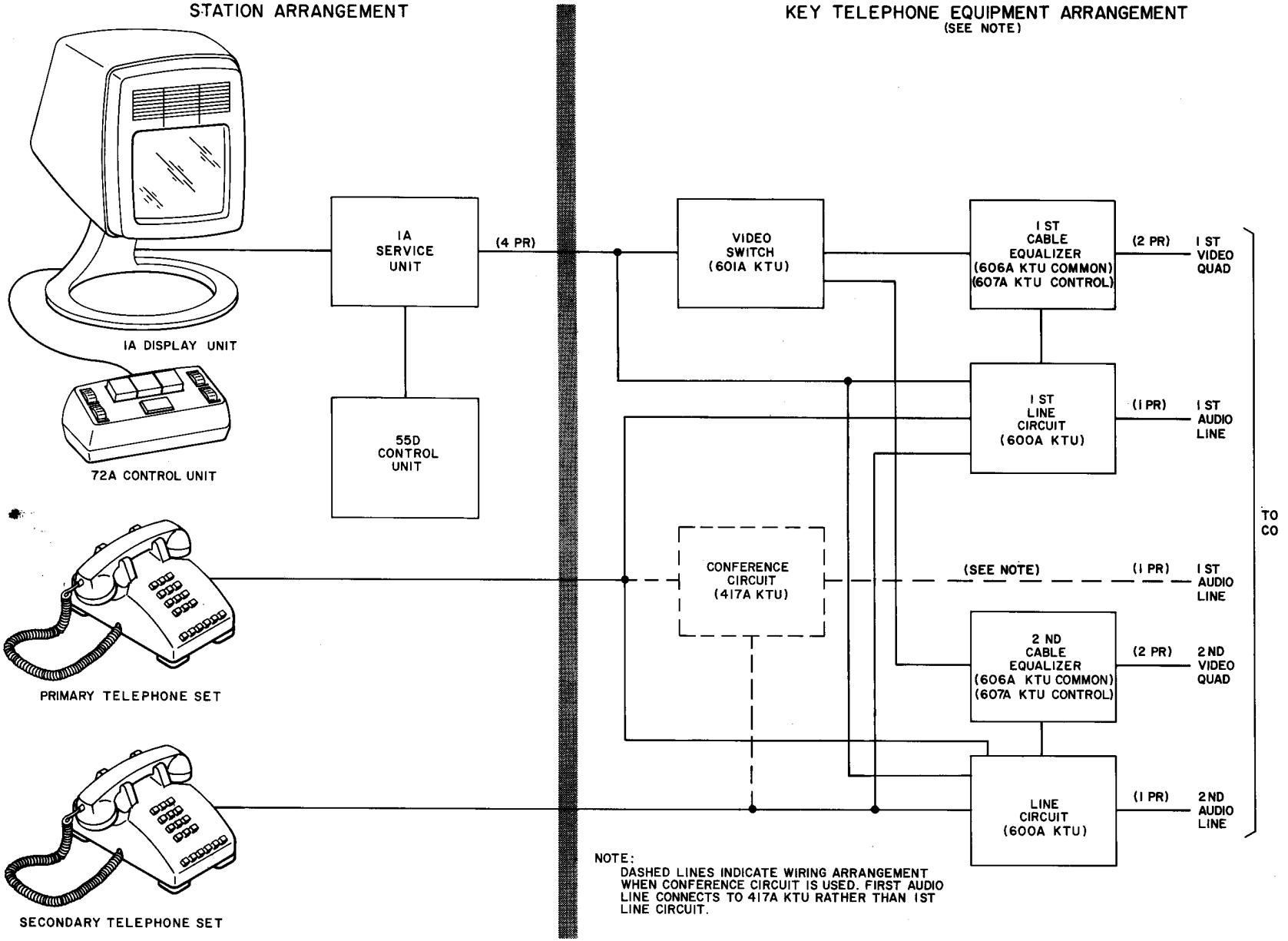

Fig. 5 —Block Diagram of Key Telephone Equipment for 2-Line Single Group Service