

## PANELS

### 583- AND 584-TYPES

## CONNECTIONS AND MAINTENANCE

### 1. GENERAL

**1.01** This section is reissued to add KS-19384, List 2 interrupter and to rate the KS-19384, List 1 interrupter MD. Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

**1.02** Station, power, and interpanel connections to 583A and 584A panels are made to wire-wrap terminals. The KS-16363, List 1 hand grip wrapping tool should be used to wrap stripped wires. A KS-16492, List 2 unwrapping tool should be used to remove a wire-wrapped termination.



*Sections 069-132-811, 069-120-811, 075-120-701, and 074-820-101 provide reference guides to tool identification, parts, operational requirements, and ordering information, plus approved preparation procedures for connecting wires to terminals.*

**1.03** Power and interpanel connections to 584B panels are made to screw terminals. Station connections are made via connector cables.

**1.04** Factory wiring of panels is detailed in CD- and SD-69502-01 (583A and 584A panels) and CD- and SD-69552-01 (584B panels).

### 2. CONNECTIONS

**2.01** Fig. 1 shows various arrangements that are possible using 583- and 584-type panels. Refer to Fig. 1 for figure reference for power connections and interpanel wiring for the arrangement selected.

**2.02** Make station, CO or PBX line connections directly to panels or to 66-type connecting blocks at the master distribution point. See Table A.

### 2.03 Connection Index

Fig. 1 — Block Diagram Showing Arrangements of 583A (MD), 584A (MD), and 584B Panels

Fig. 2 — 584A Panel (MD) Equipped With Interrupter (Panel can be used alone and also to control one other panel)

Fig. 3 — 583A Panel (MD) or 584A Panel (MD) Not Equipped With Interrupter or 412A KTU

Fig. 4 — 584B Panel Equipped With Interrupter (Panel not used to control other panels)

Fig. 5 — 584B Panel Equipped With Interrupter (Panel used to control one other panel)

Fig. 6 — 584B Panel Not Equipped With Interrupter or 412A KTU

Fig. 7 — 584B Panel Equipped With Interrupter (Master panel used to control up to 200 other panels each equipped with 412A KTU)

Fig. 8 — 584B Panel Equipped with 412A KTU (Panel used to control one other panel)

Fig. 9 — 584B Panel Equipped With 412A KTU (Panel not used to control other panels)

Fig. 10 — 584A Panel (MD) Equipped With 412A KTU (Panel used alone and also to control one other panel)

Fig. 11 — Modification of 584A Panel (MD) to Accept 412A KTU

Fig. 12 — Manual Intercom Connections for 583A (MD) and 584A (MD) Panels

Fig. 13 — Typical Functional Layout of 584B Panel Showing Line Circuit 1 Only

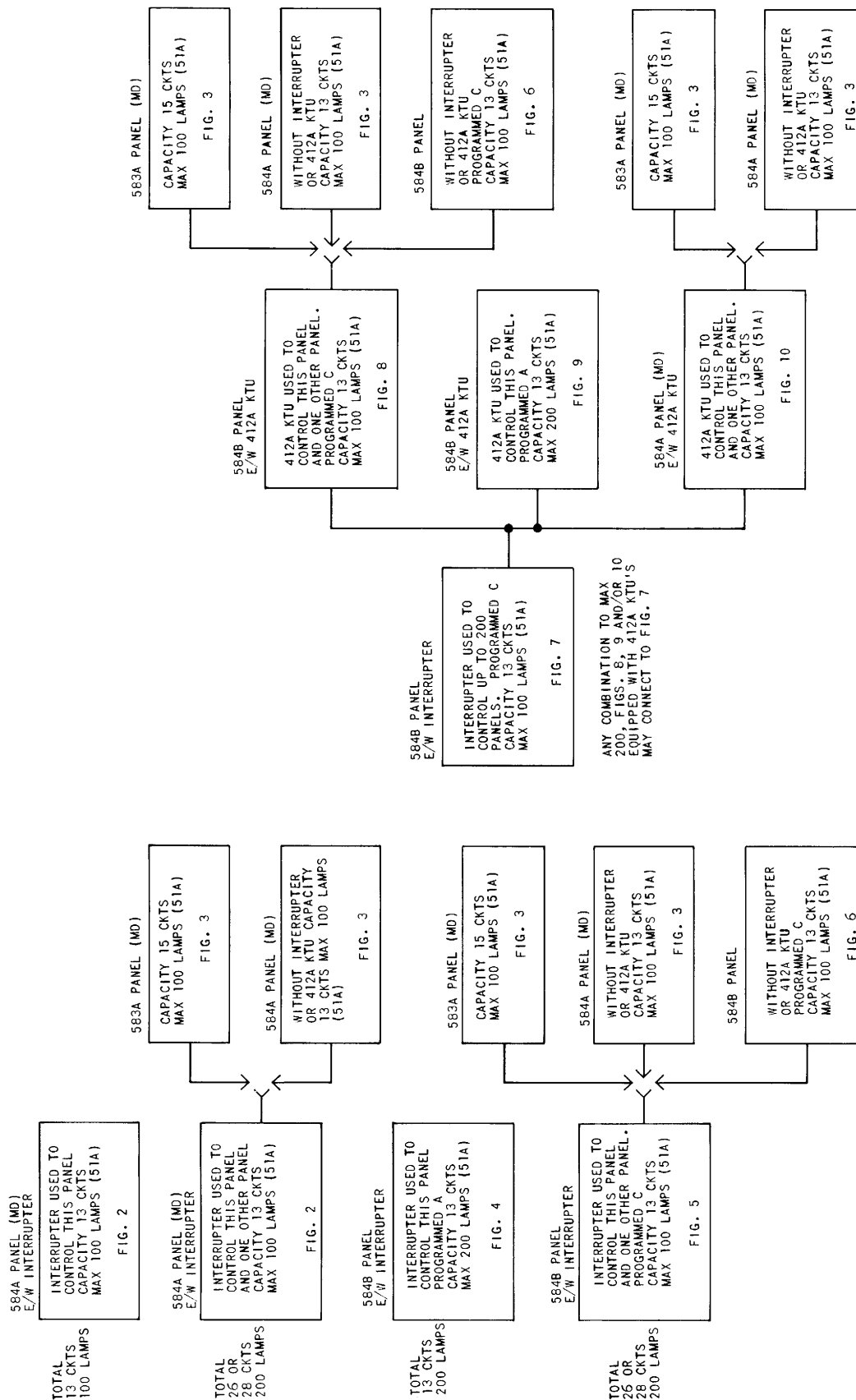
Table A — Connections to Distribution Points and/or to Panels.

### 3. MAINTENANCE

**3.01** Maintenance of panels should be limited to tracing wiring troubles, fuse replacement, and replacement of plug-in type KTUs causing difficulty.

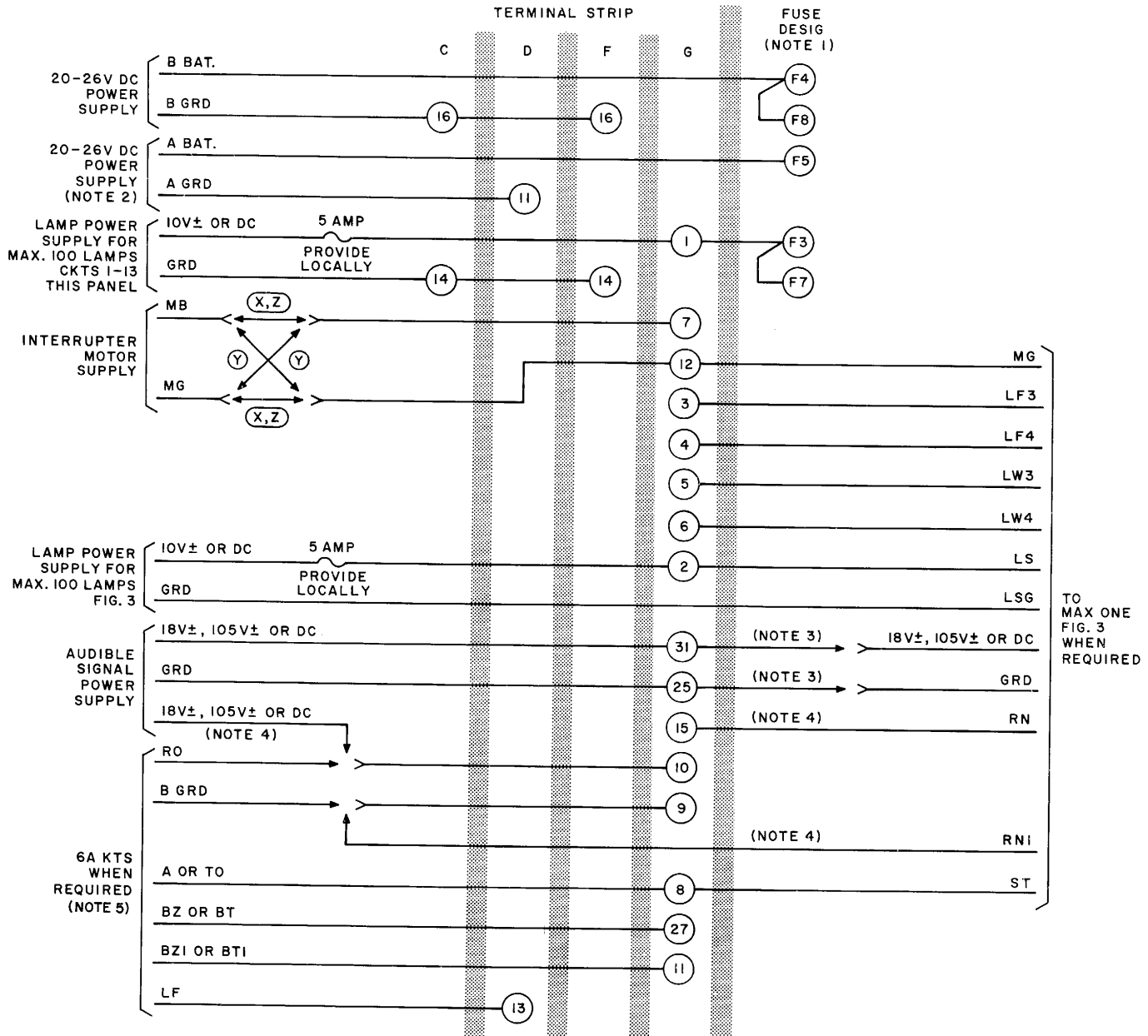
**Note:** Exercise care when removing or inserting KTUs to avoid damaging printed wiring or other circuit components.

**3.02** When replacing plug-in type KTUs for maintenance purposes, be sure to provide the correct wiring options.



**Fig. 1 — Block Diagram Showing Arrangements of 583A (MD), 584A (MD), and 584B Panels**

**584A PANEL (MD)  
EQUIPPED WITH INTERRUPTER**



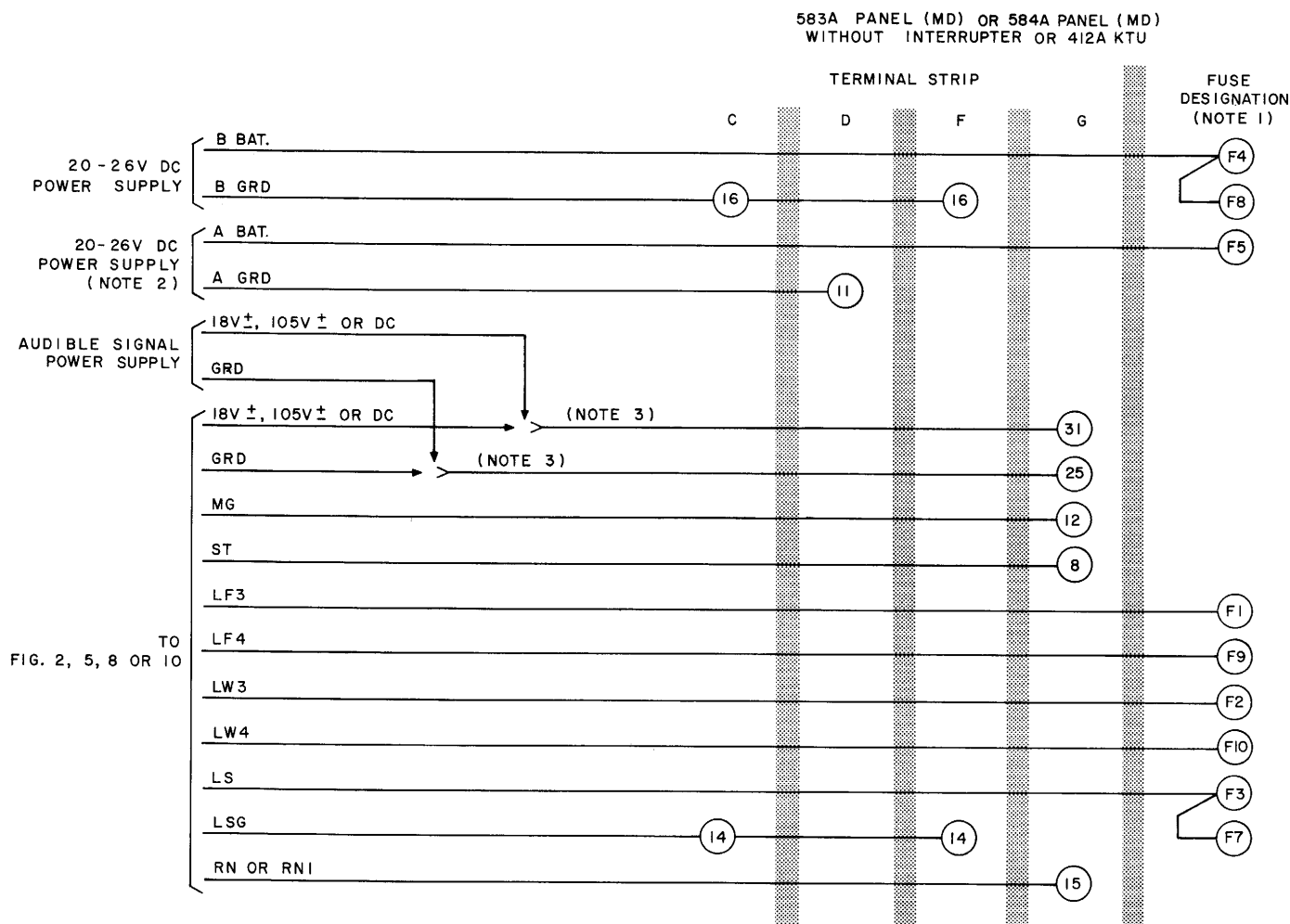
## NOTES:

1. MAKE CONNECTIONS TO TERMINAL 1 OF FUSE.
2. PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE "A" BATTERY, SUCH AS THE 401A KTU. CONNECTION SHOWN SERVES CONNECTORS J7 AND J8 (SEE FIG. 12).
3. CAN BE MULTIPLIED TO OTHER PANELS PROVIDED THE OUTPUT OF POWER SOURCE IS NOT EXCEEDED (i.e., RINGER, BUZZER, OR BELL LIMITATION).
4. WHEN RN LEAD IS LOADED TO CAPACITY ADDITIONAL AUDIBLE SIGNALS MAY BE WIRED TO RNI LEAD, PROVIDED THE 6A KTS IS NOT USED.
5. WHEN (Y) OPTION IS FURNISHED, INTERRUPTER CANNOT BE USED FOR 6A KTS FEATURES.

## OPTIONS:

- (X) KS-19364, L2 INTERRUPTER; PROVIDE 24V DC
- (Y) KS-19384, L1 (MD) INTERRUPTER; PROVIDE 24V DC
- (Z) KS-15900, L1 INTERRUPTER; PROVIDE 10V AC

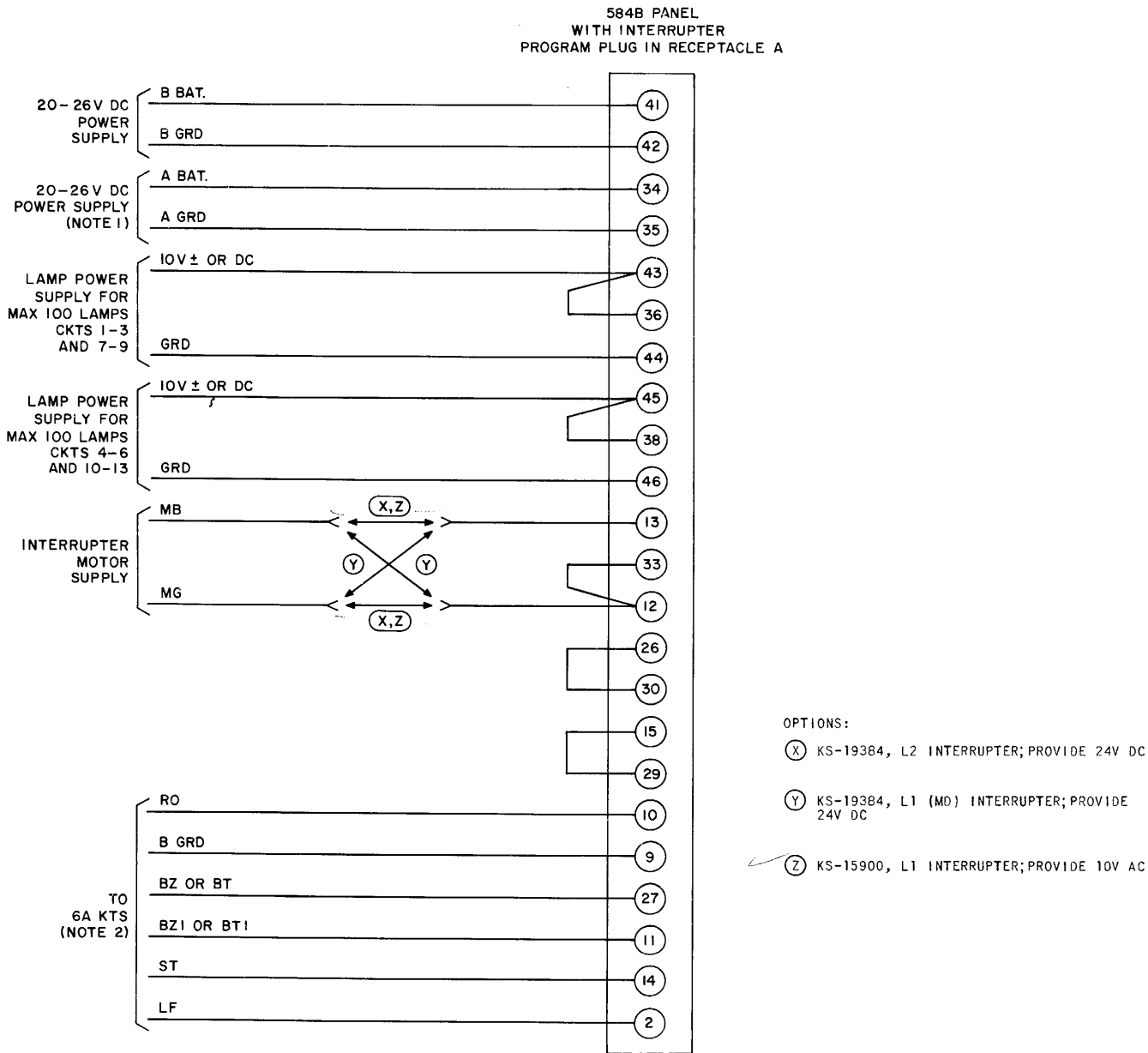
**Fig. 2 — 584A Panel (MD) Equipped With Interrupter (Panel can be used alone and also to control one other panel)**



## NOTES:

1. MAKE CONNECTIONS TO TERMINAL 1 OF FUSE.
2. PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE "A" BATTERY, SUCH AS THE 401A KTU. CONNECTION AS SHOWN SERVES CONNECTORS J7 AND J8 (SEE FIG. 12)
3. IF LEADS FROM PRECEDING PANEL ARE LOADED TO CAPACITY, SUPPLY SEPARATE AUDIBLE SIGNAL POWER TO THIS PANEL (SEE NOTE 3 OF CONNECTING FIG.).

**Fig. 3 — 583A Panel (MD) or 584A Panel (MD) Not Equipped With Interrupter or 412A KTU**



NOTES:

1. PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE "A" BATTERY, SUCH AS THE 401A KTU. CONNECTION AS SHOWN SERVES ALL CONNECTORS ON PANEL.
2. WHEN Y OPTION IS FURNISHED, INTERRUPTER CANNOT BE USED FOR 6A KTS FEATURES.

Fig. 4 — 584B Panel Equipped With Interrupter (Panel not used to control other panels)

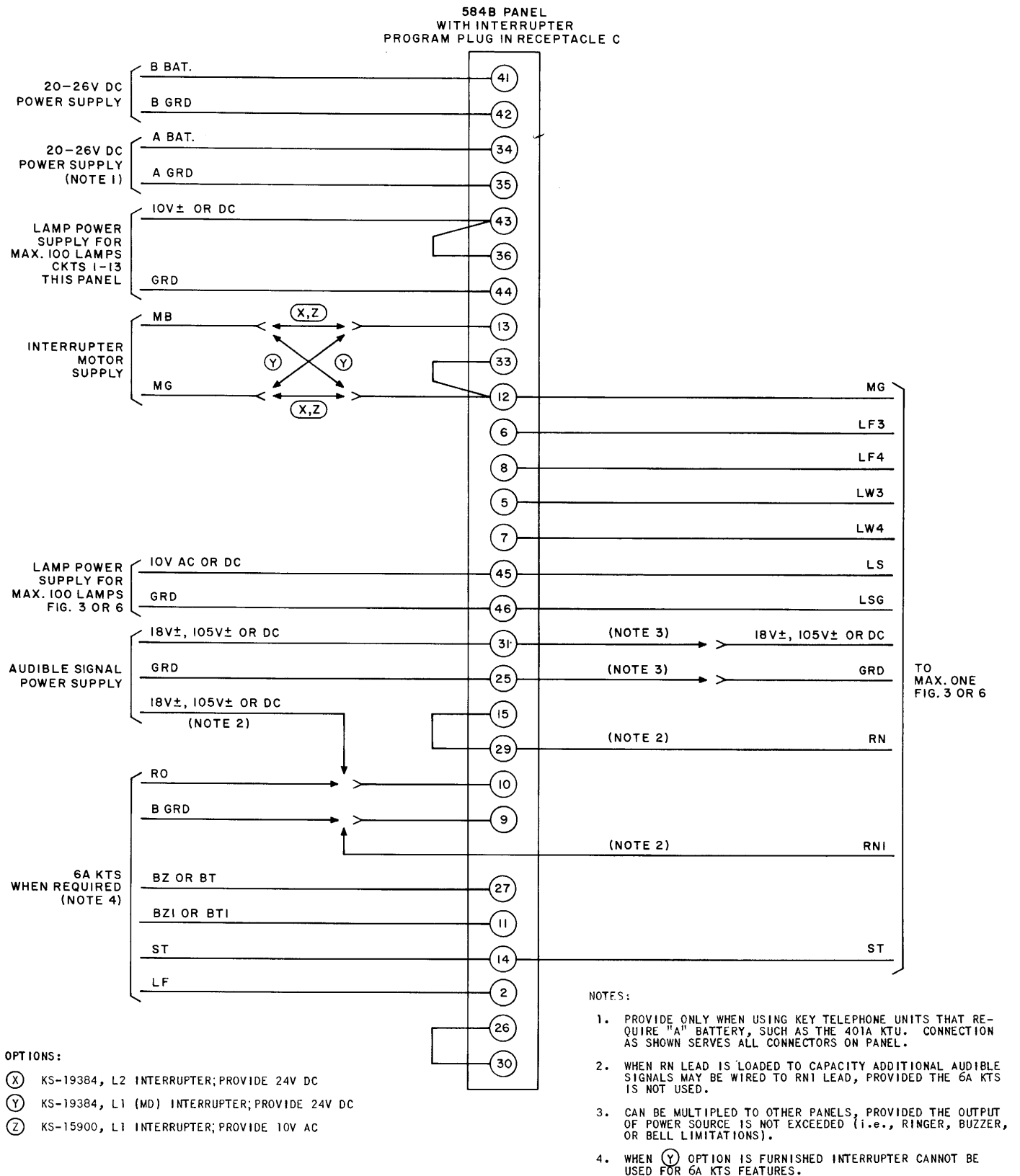
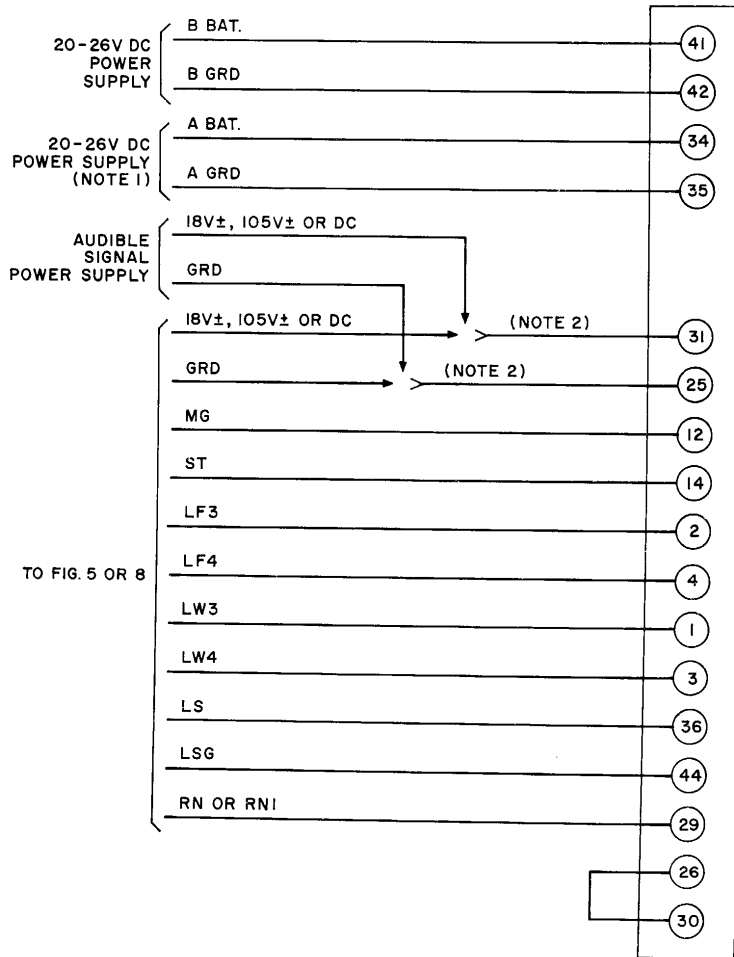


Fig. 5 — 584B Panel Equipped With Interrupter (Panel used to control one other panel)

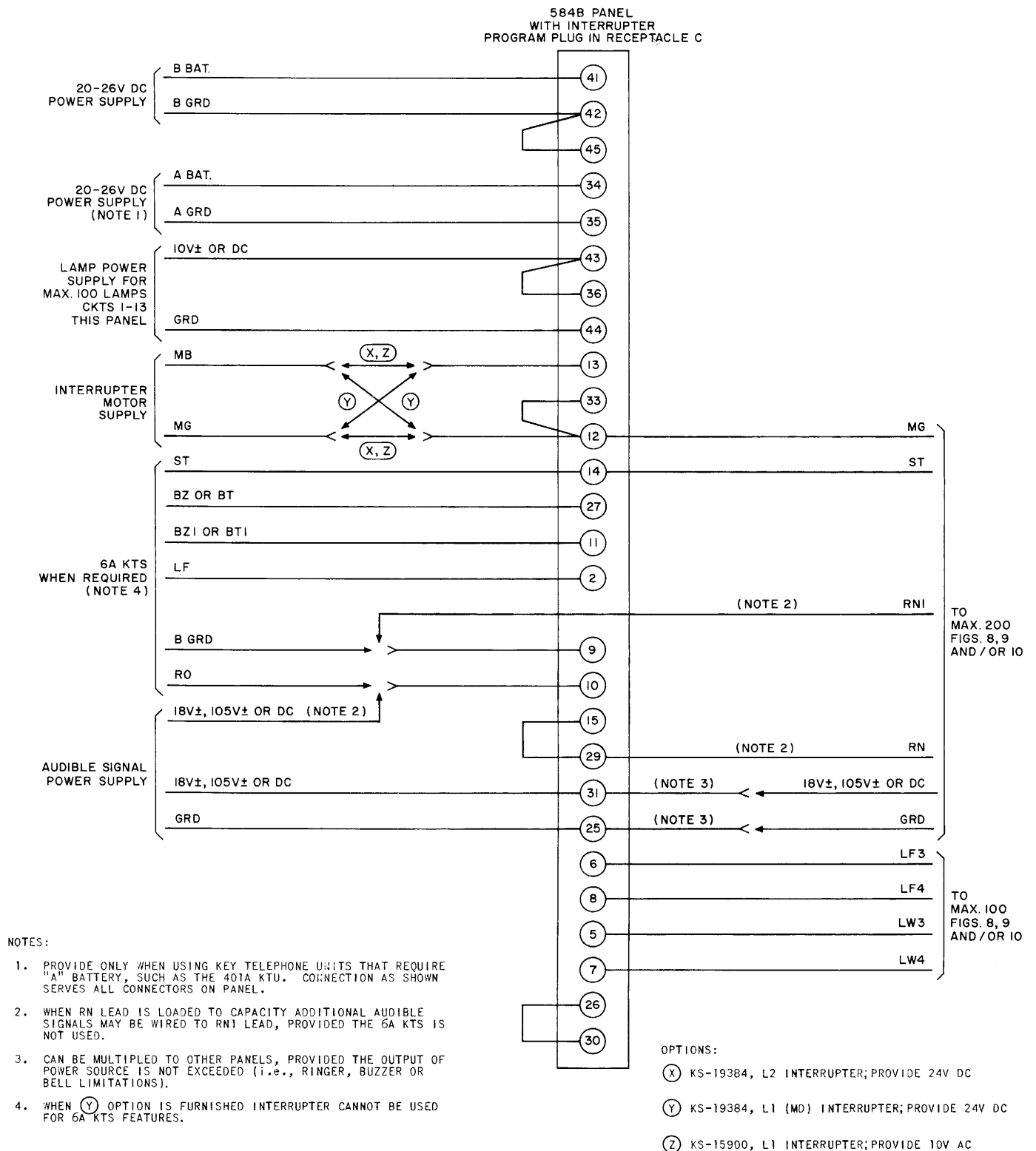
584B PANEL  
WITHOUT INTERRUPTER OR 412A KTU  
PROGRAM PLUG IN RECEPTACLE C



NOTES:

1. PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE "A" BATTERY, SUCH AS THE 401A KTU. CONNECTION AS SHOWN SERVES ALL CONNECTORS ON PANEL.
2. IF LEADS FROM PRECEEDING PANEL ARE LOADED TO CAPACITY, SUPPLY SEPARATE AUDIBLE SIGNAL POWER TO THIS PANEL (SEE NOTE 3 OF CONNECTING FIG.).

Fig. 6 — 584B Panel Not Equipped With Interrupter or 412A KTU



**Fig 7 — 584B Panel Equipped With Interrupter (Master panel used to control up to 200 other panels each equipped with 412A KTU)**

584B PANEL  
EQUIPPED WITH 412A KTU  
PROGRAM PLUG IN RECEPTACLE C

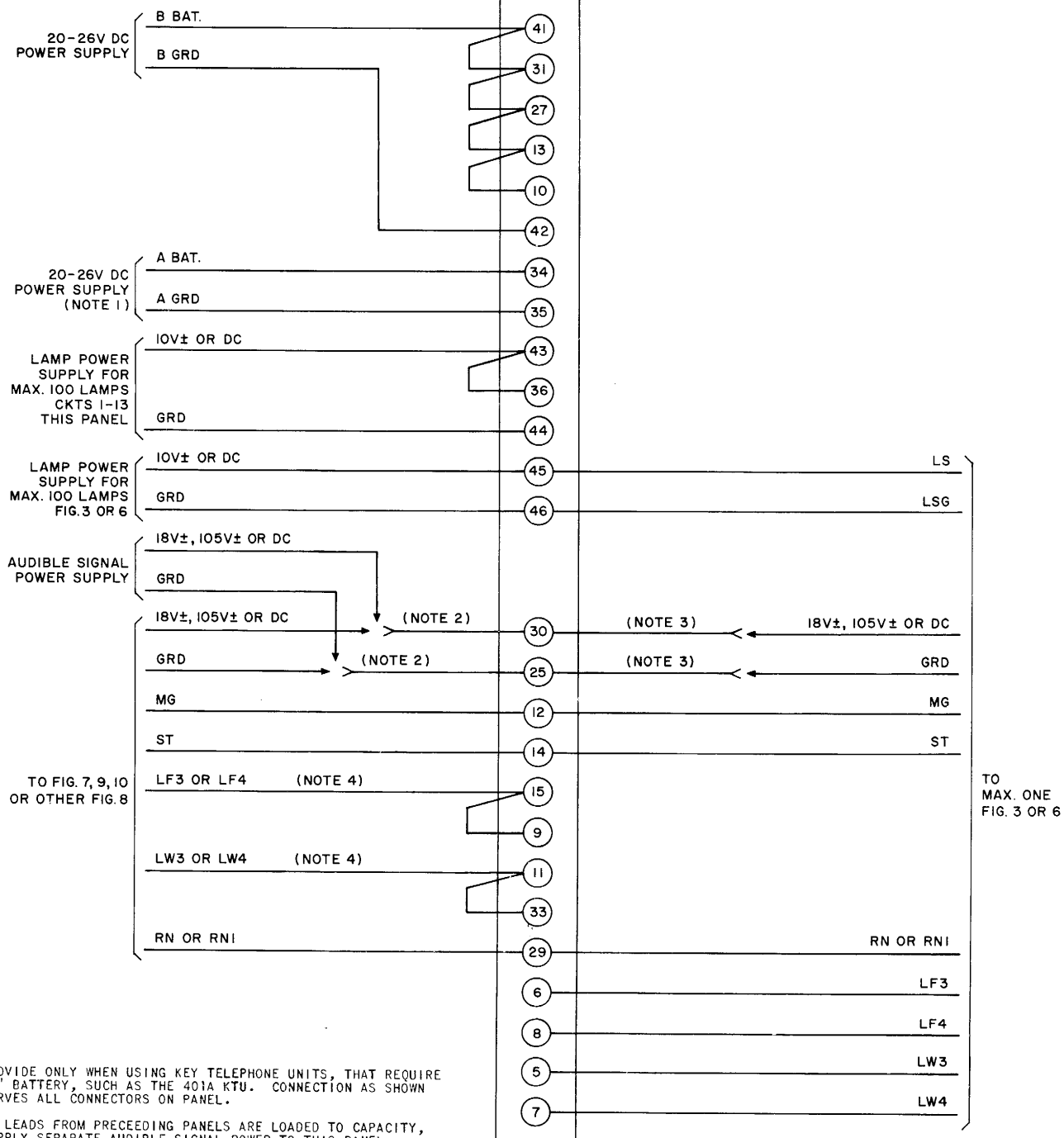
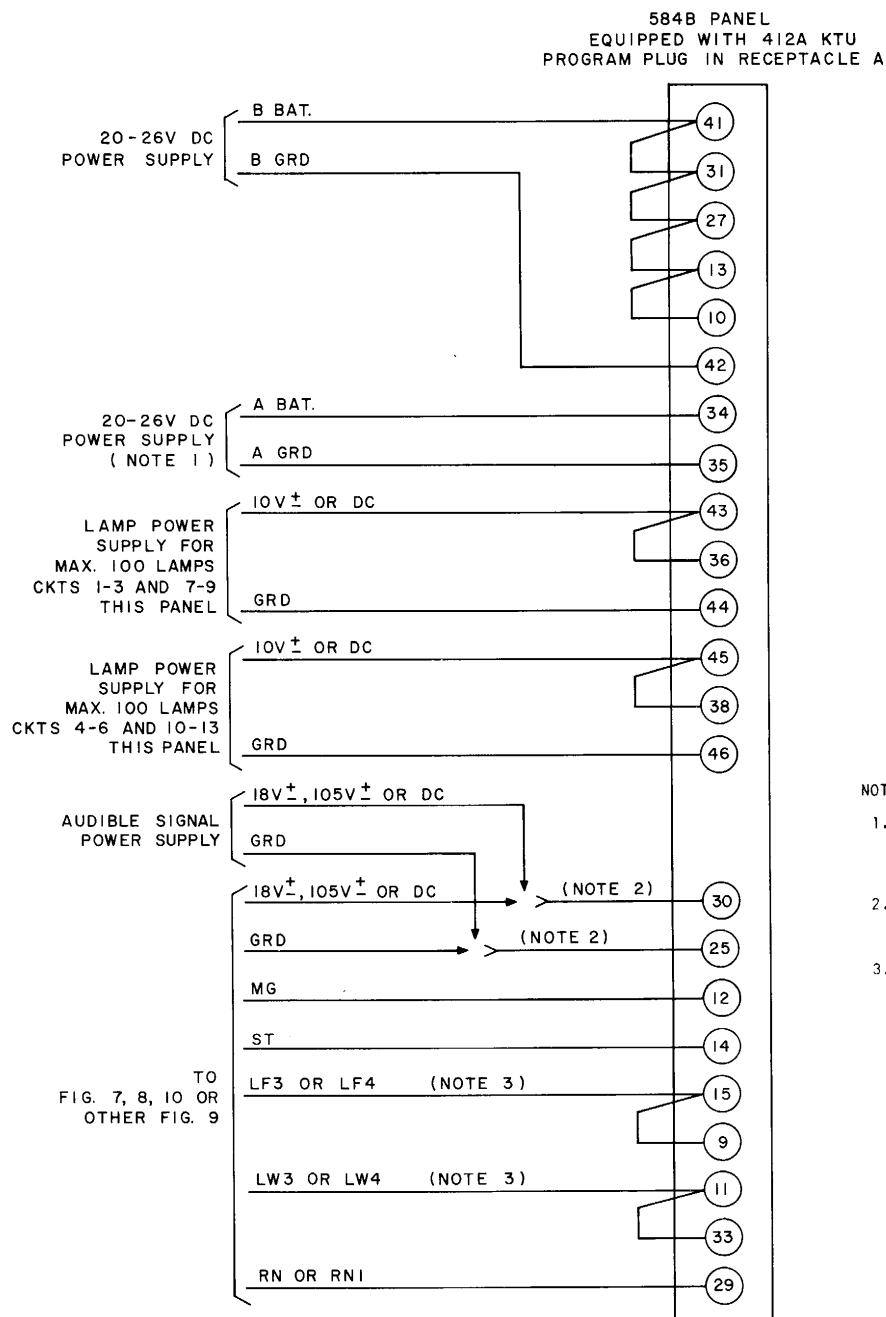


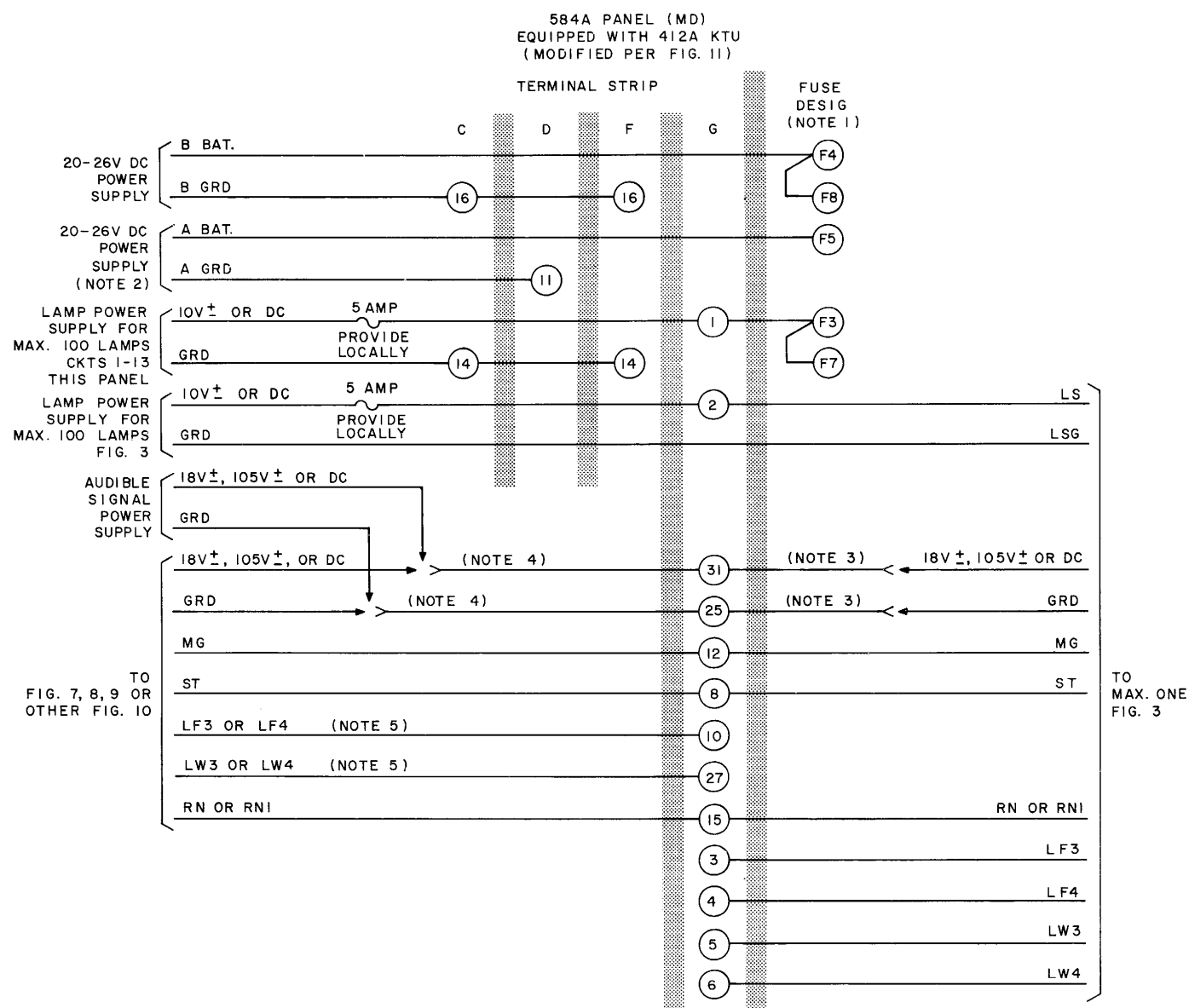
Fig. 8 — 584B Panel Equipped with 412A KTU (Panel used to control one other panel)



## NOTES:

1. PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE "A" BATTERY, SUCH AS THE 401A KTU. CONNECTION AS SHOWN SERVES ALL CONNECTORS ON PANEL.
2. IF LEADS FROM PRECEEDING PANELS ARE LOADED TO CAPACITY, SUPPLY SEPARATE AUDIBLE SIGNAL POWER TO THIS PANEL (SEE NOTE 3 OF CONNECTING FIG.).
3. DISTRIBUTE PANELS BETWEEN LF3, LW3 OR LF4, LW4 LEADS.

Fig. 9 — 584B Panel Equipped With 412A KTU (Panel not used to control other panels)



## NOTES:

1. MAKE CONNECTIONS TO TERMINAL 1 OF FUSE.
2. PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE "A" BATTERY, SUCH AS THE 401A KTU. CONNECTION AS SHOWN SERVES CONNECTORS J7 AND J8 (SEE FIG. 12).
3. CAN BE MULTIPLIED TO OTHER PANELS PROVIDED THE OUTPUT OF POWER SOURCE IS NOT EXCEEDED (i.e., RINGER, BUZZER OR BELL LIMITATIONS).
4. IF LEADS FROM PRECEDING PANELS ARE LOADED TO CAPACITY, SUPPLY SEPARATE AUDIBLE SIGNAL POWER TO THIS PANEL (SEE NOTE 3 OF CONNECTING FIG.).
5. DISTRIBUTE PANELS BETWEEN LF3, LW3 OR LF4, LW4 LEADS.

**Fig. 10 — 584A Panel (MD) Equipped With 412A KTU (Panel used alone and also to control one other panel)**

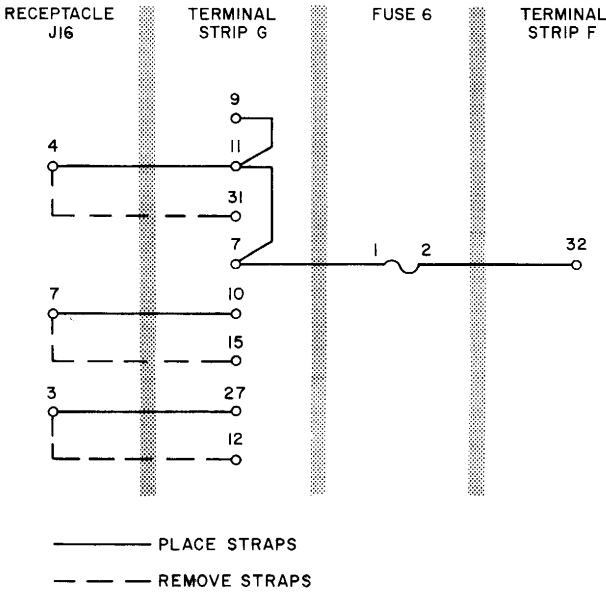
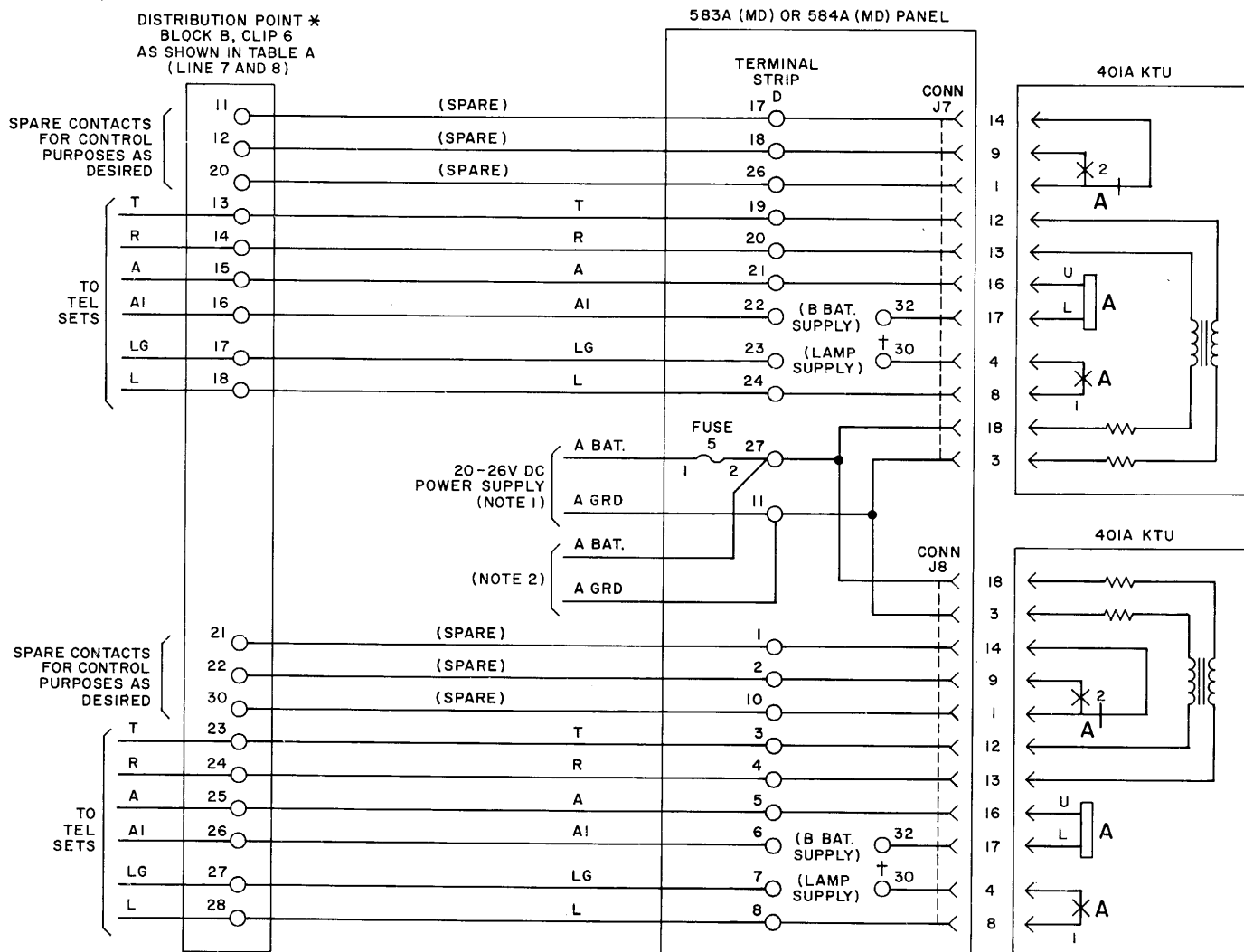


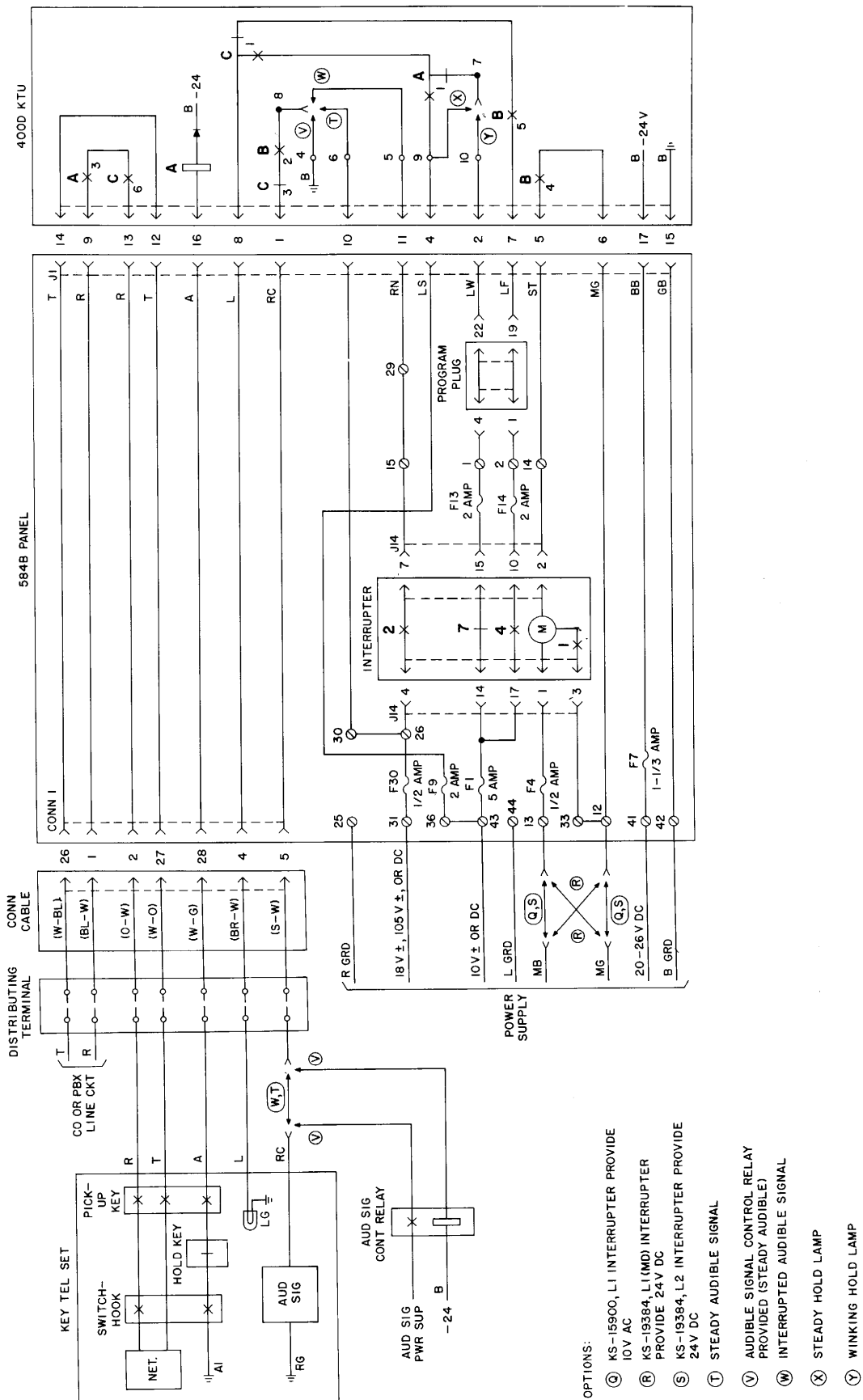
Fig. 11 — Modification of 584A Panel (MD) to Accept 412A KTU



## NOTES:

1. A MAXIMUM OF SIX 401A KTUS CAN BE SERVED THROUGH FUSE 5. IF ADDITIONAL 401A KTUS ARE REQUIRED, "A" BATTERY MUST BE SUPPLIED THROUGH A SPARE FUSE.
  2. IF ADDITIONAL 401A KTUS ARE REQUIRED MULTIPLE TO ANY DESIRED TERMINAL STRIP, EXCEPT TERMINAL STRIP G (CONN J13), WITHIN THE LIMITATIONS OF NOTE 1.
- \* A MAXIMUM OF 3 STATION CABLES OR 2 STATION CABLES AND A DISTRIBUTING CABLE CAN CONNECT DIRECTLY TO PANEL.
- † FURNISHED WITH BASIC WIRING OF PANEL. FOR CLARITY, SAME TERMINAL SHOWN TWICE.

Fig. 12 — Manual Intercom Connections for 583A (MD) and 584A (MD) Panels



**Fig. 13 — Typical Functional Layout of 584B Panel Showing Line Circuit 1 Only**

TABLE A

## CONNECTIONS TO DISTRIBUTION POINT AND/OR TO THE PANELS

| CIRCUIT   |           | LEAD<br>DESIG | DISTRIBUTION POINT<br>BLOCK A<br>66-TYPE CONNECTING<br>BLOCK |      |                      | TERMINAL ON PANEL |      |          |           |
|-----------|-----------|---------------|--------------------------------------------------------------|------|----------------------|-------------------|------|----------|-----------|
|           |           |               | TERMINAL                                                     | CLIP | COLOR<br>BL-W BINDER | 583A              | 584A | 584B     |           |
|           |           |               |                                                              |      |                      |                   |      | TERMINAL | CONNECTOR |
| Line<br>1 | CO<br>PBX | T             | 1                                                            | 6    | W-BL                 | 17A               |      | 26       | 1         |
|           |           | R             | 2                                                            |      | BL-W                 | 18A               |      | 1        |           |
|           | STA       | T             | 3                                                            |      | W-O                  | 19A               |      | 27       |           |
|           |           | R             | 4                                                            |      | O-W                  | 20A               |      | 2        |           |
|           |           | A             | 5                                                            |      | W-G                  | 21A               |      | 28       |           |
|           |           | A1            | 6                                                            |      | G-W                  | 22A               |      | 3        |           |
|           |           | LG            | 7                                                            |      | W-BR                 | 23A               |      | 29       |           |
|           |           | L             | 8                                                            |      | BR-W                 | 24A               |      | 4        |           |
|           |           | RG            | 9                                                            |      | W-S                  | 25A               |      | 30       |           |
|           |           | RC            | 10                                                           |      | S-W                  | 26A               |      | 5        |           |
| Line<br>2 | CO<br>PBX | T             | 11                                                           |      | R-BL                 | 1A                |      | 31       |           |
|           |           | R             | 12                                                           |      | BL-R                 | 2A                |      | 6        |           |
|           | STA       | T             | 13                                                           |      | R-O                  | 3A                |      | 32       |           |
|           |           | R             | 14                                                           |      | O-R                  | 4A                |      | 7        |           |
|           |           | A             | 15                                                           |      | R-G                  | 5A                |      | 33       |           |
|           |           | A1            | 16                                                           |      | G-R                  | 6A                |      | 8        |           |
|           |           | LG            | 17                                                           |      | R-BR                 | 7A                |      | 34       |           |
|           |           | L             | 18                                                           |      | BR-R                 | 8A                |      | 9        |           |
|           |           | RG            | 19                                                           |      | R-S                  | 9A                |      | 35       |           |
|           |           | RC            | 20                                                           |      | S-R                  | 10A               |      | 10       |           |
| Line<br>3 | CO<br>PBX | T             | 21                                                           |      | BK-BL                | 17B               |      | 36       |           |
|           |           | R             | 22                                                           |      | BL-BK                | 18B               |      | 11       |           |
|           | STA       | T             | 23                                                           |      | BK-O                 | 19B               |      | 37       |           |
|           |           | R             | 24                                                           |      | O-BK                 | 20B               |      | 12       |           |
|           |           | A             | 25                                                           |      | BK-G                 | 21B               |      | 38       |           |
|           |           | A1            | 26                                                           |      | G-BK                 | 22B               |      | 13       |           |
|           |           | LG            | 27                                                           |      | BK-BR                | 23B               |      | 39       |           |
|           |           | L             | 28                                                           |      | BR-BK                | 24B               |      | 14       |           |
|           |           | RG            | 29                                                           |      | BK-S                 | 25B               |      | 40       |           |
|           |           | RC            | 30                                                           |      | S-BK                 | 26B               |      | 15       |           |
| Line<br>4 | CO<br>PBX | T             | 31                                                           |      | Y-BL                 | 1B                |      | 41       |           |
|           |           | R             | 32                                                           |      | BL-Y                 | 2B                |      | 16       |           |
|           | STA       | T             | 33                                                           |      | Y-O                  | 3B                |      | 42       |           |
|           |           | R             | 34                                                           |      | O-Y                  | 4B                |      | 17       |           |
|           |           | A             | 35                                                           |      | Y-G                  | 5B                |      | 43       |           |
|           |           | A1            | 36                                                           |      | G-Y                  | 6B                |      | 18       |           |
|           |           | LG            | 37                                                           |      | Y-BR                 | 7B                |      | 44       |           |
|           |           | L             | 38                                                           |      | BR-Y                 | 8B                |      | 19       |           |
|           |           | RG            | 39                                                           |      | Y-S                  | 9B                |      | 45       |           |
|           |           | RC            | 40                                                           |      | S-Y                  | 10B               |      | 20       |           |
| Line<br>5 | CO<br>PBX | T             | 41                                                           |      | V-BL                 | 17C               |      | 46       |           |
|           |           | R             | 42                                                           |      | BL-V                 | 18C               |      | 21       |           |
|           | STA       | T             | 43                                                           |      | V-O                  | 19C               |      | 47       |           |
|           |           | R             | 44                                                           |      | O-V                  | 20C               |      | 22       |           |
|           |           | A             | 45                                                           |      | V-G                  | 21C               |      | 48       |           |
|           |           | A1            | 46                                                           |      | G-V                  | 22C               |      | 23       |           |
|           |           | LG            | 47                                                           |      | V-BR                 | 23C               |      | 49       |           |
|           |           | L             | 48                                                           |      | BR-V                 | 24C               |      | 24       |           |
|           |           | RG            | 49                                                           |      | V-S                  | 25C               |      | 50       |           |
|           |           | RC            | 50                                                           |      | S-V                  | 26C               |      | 25       |           |

TABLE A (Cont)

## CONNECTIONS TO DISTRIBUTION POINT AND/OR TO THE PANELS

| CIRCUIT |           | LEAD<br>DESIG | DISTRIBUTION POINT<br>BLOCK B<br>66-TYPE CONNECTING<br>BLOCK |      |                     | TERMINAL ON PANEL |      |          |           |
|---------|-----------|---------------|--------------------------------------------------------------|------|---------------------|-------------------|------|----------|-----------|
|         |           |               | TERMINAL                                                     | CLIP | COLOR<br>O-W BINDER | 583A              | 584A | 584B     |           |
|         |           |               |                                                              |      |                     |                   |      | TERMINAL | CONNECTOR |
| Line 6  | CO<br>PBX | T             | 1                                                            | 6    | W-BL                | 1C                |      | 26       | 2         |
|         |           | R             | 2                                                            |      | BL-W                | 2C                |      | 1        |           |
|         | STA       | T             | 3                                                            |      | W-O                 | 3C                |      | 27       |           |
|         |           | R             | 4                                                            |      | O-W                 | 4C                |      | 2        |           |
|         |           | A             | 5                                                            |      | W-G                 | 5C                |      | 28       |           |
|         |           | A1            | 6                                                            |      | G-W                 | 6C                |      | 3        |           |
|         |           | LG            | 7                                                            |      | W-BR                | 7C                |      | 29       |           |
|         |           | L             | 8                                                            |      | BR-W                | 8C                |      | 4        |           |
|         |           | RG            | 9                                                            |      | W-S                 | 9C                |      | 30       |           |
|         |           | RC            | 10                                                           |      | S-W                 | 10C               |      | 5        |           |
| Line 7  | CO<br>PBX | T             | 11                                                           |      | R-BL                | 17D               |      | 31       |           |
|         |           | R             | 12                                                           |      | BL-R                | 18D               |      | 6        |           |
|         | STA       | T             | 13                                                           |      | R-O                 | 19D               |      | 32       |           |
|         |           | R             | 14                                                           |      | O-R                 | 20D               |      | 7        |           |
|         |           | A             | 15                                                           |      | R-G                 | 21D               |      | 33       |           |
|         |           | A1            | 16                                                           |      | G-R                 | 22D               |      | 8        |           |
|         |           | LG            | 17                                                           |      | R-BR                | 23D               |      | 34       |           |
|         |           | L             | 18                                                           |      | BR-R                | 24D               |      | 9        |           |
|         |           | RG            | 19                                                           |      | R-S                 | 25D               |      | 35       |           |
|         |           | RC            | 20                                                           |      | S-R                 | 26D               |      | 10       |           |
| Line 8  | CO<br>PBX | T             | 21                                                           |      | BK-BL               | 1D                |      | 36       |           |
|         |           | R             | 22                                                           |      | BL-BK               | 2D                |      | 11       |           |
|         | STA       | T             | 23                                                           |      | BK-O                | 3D                |      | 37       |           |
|         |           | R             | 24                                                           |      | O-BK                | 4D                |      | 12       |           |
|         |           | A             | 25                                                           |      | BK-G                | 5D                |      | 38       |           |
|         |           | A1            | 26                                                           |      | G-BK                | 6D                |      | 13       |           |
|         |           | LG            | 27                                                           |      | BK-BR               | 7D                |      | 39       |           |
|         |           | L             | 28                                                           |      | BR-BK               | 8D                |      | 14       |           |
|         |           | RG            | 29                                                           |      | BK-S                | 9D                |      | 40       |           |
|         |           | RC            | 30                                                           |      | S-BK                | 10D               |      | 15       |           |
| Line 9  | CO<br>PBX | T             | 31                                                           |      | Y-BL                | 17E               |      | 41       |           |
|         |           | R             | 32                                                           |      | BL-Y                | 18E               |      | 16       |           |
|         | STA       | T             | 33                                                           |      | Y-O                 | 19E               |      | 42       |           |
|         |           | R             | 34                                                           |      | O-Y                 | 20E               |      | 17       |           |
|         |           | A             | 35                                                           |      | Y-G                 | 21E               |      | 43       |           |
|         |           | A1            | 36                                                           |      | G-Y                 | 22E               |      | 18       |           |
|         |           | LG            | 37                                                           |      | Y-BR                | 23E               |      | 44       |           |
|         |           | L             | 38                                                           |      | BR-Y                | 24E               |      | 19       |           |
|         |           | RG            | 39                                                           |      | Y-S                 | 25E               |      | 45       |           |
|         |           | RC            | 40                                                           |      | S-Y                 | 26E               |      | 20       |           |
| Line 10 | CO<br>PBX | T             | 41                                                           |      | V-BL                | 1E                |      | 46       |           |
|         |           | R             | 42                                                           |      | BL-V                | 2E                |      | 21       |           |
|         | STA       | T             | 43                                                           |      | V-O                 | 3E                |      | 47       |           |
|         |           | R             | 44                                                           |      | O-V                 | 4E                |      | 22       |           |
|         |           | A             | 45                                                           |      | V-G                 | 5E                |      | 48       |           |
|         |           | A1            | 46                                                           |      | G-V                 | 6E                |      | 23       |           |
|         |           | LG            | 47                                                           |      | V-BR                | 7E                |      | 49       |           |
|         |           | L             | 48                                                           |      | BR-V                | 8E                |      | 24       |           |
|         |           | RG            | 49                                                           |      | V-S                 | 9E                |      | 50       |           |
|         |           | RC            | 50                                                           |      | S-V                 | 10E               |      | 25       |           |

TABLE A (Cont)

## CONNECTIONS TO DISTRIBUTION POINT AND/OR TO THE PANELS

| CIRCUIT |           | LEAD<br>DESIG | DISTRIBUTION POINT<br>BLOCK C<br>66-TYPE CONNECTING<br>BLOCK |      |                     | TERMINAL ON PANEL |      |                    |
|---------|-----------|---------------|--------------------------------------------------------------|------|---------------------|-------------------|------|--------------------|
|         |           |               | TERMINAL                                                     | CLIP | COLOR<br>G-W BINDER | 583A              | 584A | 584B               |
|         |           |               |                                                              |      |                     |                   |      | TERMINAL CONNECTOR |
| Line 11 | CO<br>PBX | T             | 1                                                            | 6    | W-BL                | 17F               |      | 26                 |
|         |           | R             | 2                                                            |      | BL-W                | 18F               |      | 1                  |
|         | STA       | T             | 3                                                            |      | W-O                 | 19F               |      | 27                 |
|         |           | R             | 4                                                            |      | O-W                 | 20F               |      | 2                  |
|         |           | A             | 5                                                            |      | W-G                 | 21F               |      | 28                 |
|         |           | A1            | 6                                                            |      | G-W                 | 22F               |      | 3                  |
|         |           | LG            | 7                                                            |      | W-BR                | 23F               |      | 29                 |
|         |           | L             | 8                                                            |      | BR-W                | 24F               |      | 4                  |
|         |           | RG            | 9                                                            |      | W-S                 | 25F               |      | 30                 |
|         |           | RC            | 10                                                           |      | S-W                 | 26F               |      | 5                  |
| Line 12 | CO<br>PBX | T             | 11                                                           | 6    | R-BL                | 1F                |      | 31                 |
|         |           | R             | 12                                                           |      | BL-R                | 2F                |      | 6                  |
|         | STA       | T             | 13                                                           |      | R-O                 | 4F                |      | 32                 |
|         |           | R             | 14                                                           |      | O-R                 | 3F                |      | 7                  |
|         |           | A             | 15                                                           |      | R-G                 | 5F                |      | 33                 |
|         |           | A1            | 16                                                           |      | G-R                 | 6F                |      | 8                  |
|         |           | LG            | 17                                                           |      | R-BR                | 7F                |      | 34                 |
|         |           | L             | 18                                                           |      | BR-R                | 8F                |      | 9                  |
|         |           | RG            | 19                                                           |      | R-S                 | 9F                |      | 35                 |
|         |           | RC            | 20                                                           |      | S-R                 | 10F               |      | 10                 |
| Line 13 | CO<br>PBX | T             | 21                                                           | 6    | BK-BL               | 17G               |      | 36                 |
|         |           | R             | 22                                                           |      | BL-BK               | 18G               |      | 11                 |
|         | STA       | T             | 23                                                           |      | BK-O                | 19G               |      | 37                 |
|         |           | R             | 24                                                           |      | O-BK                | 20G               |      | 12                 |
|         |           | A             | 25                                                           |      | BK-G                | 21G               |      | 38                 |
|         |           | A1            | 26                                                           |      | G-BK                | 22G               |      | 13                 |
|         |           | LG            | 27                                                           |      | BK-BR               | 23G               |      | 39                 |
|         |           | L             | 28                                                           |      | BR-BK               | 24G               |      | 14                 |
|         |           | RG            | 29                                                           |      | BK-S                | 25G               |      | 40                 |
|         |           | RC            | 30                                                           |      | S-BK                | 26G               |      | 15                 |
| Line 14 | CO<br>PBX | T             | 31                                                           | 6    | Y-BL                | 17H               |      | 41                 |
|         |           | R             | 32                                                           |      | BL-Y                | 18H               |      | 16                 |
|         | STA       | T             | 33                                                           |      | Y-O                 | 19H               |      | 42                 |
|         |           | R             | 34                                                           |      | O-Y                 | 20H               |      | 17                 |
|         |           | A             | 35                                                           |      | Y-G                 | 21H               |      | 43                 |
|         |           | A1            | 36                                                           |      | G-Y                 | 22H               |      | 18                 |
|         |           | LG            | 37                                                           |      | Y-BR                | 23H               |      | 44                 |
|         |           | L             | 38                                                           |      | BR-Y                | 24H               |      | 19                 |
|         |           | RG            | 39                                                           |      | Y-S                 | 25H               |      | 45                 |
|         |           | RC            | 40                                                           |      | S-Y                 | 26H               |      | 20                 |
| Line 15 | CO<br>PBX | T             | 41                                                           | 6    | V-BL                | 1H                |      | 46                 |
|         |           | R             | 42                                                           |      | BL-V                | 2H                |      | 21                 |
|         | STA       | T             | 43                                                           |      | V-O                 | 3H                |      | 47                 |
|         |           | R             | 44                                                           |      | O-V                 | 4H                |      | 22                 |
|         |           | A             | 45                                                           |      | V-G                 | 5H                |      | 48                 |
|         |           | A1            | 46                                                           |      | G-V                 | 6H                |      | 23                 |
|         |           | LG            | 47                                                           |      | V-BR                | 7H                |      | 49                 |
|         |           | L             | 48                                                           |      | BR-V                | 8H                |      | 24                 |
|         |           | RG            | 49                                                           |      | V-S                 | 9H                |      | 50                 |
|         |           | RC            | 50                                                           |      | S-V                 | 10H               |      | 25                 |

Note: These leads on the 584B panel are spare, dead-dressed long enough to reach any screw terminal, and stored behind back panel.