

BELL SYSTEM PRACTICES
 TELETYPEWRITER STATIONS

- NOTES:
- BROKEN LINES $\overline{\text{---}}$ INDICATE LEADS CARRIED THROUGH CORRESPONDINGLY NUMBERED CONTACTS OF PLUG B SOCKET CONNECTORS. Y INDICATES TYPING UNIT CONNECTOR; K, KEYBOARD.
 - $\overline{\text{---}}$ INDICATES CONNECTIONS TO BE ADDED OR CHECKED FOR THEIR EXISTENCE UNLESS OTHERWISE SPECIFIED. ALL SUCH LEADS SHALL BE 22 GAUGE, BROWN, TYPE GS STATION WIRE PER AT&T SPEC. 7088.
 - --- INDICATES UNIT WIRING TO BE CONNECTED AS SHOWN.
 - WHEN FIG. D IS REQUIRED, THE A & B LEADS SHALL BE CONNECTED TO TERMINALS ON WAVE SHAPING SET AS SPECIFIED ON THE LT WIRING PLAN (SEE DSP P.30.450). THE WAVE SHAPING SET (OR SETS) SHALL BE MOUNTED IN THE TTY CABINET.
 - ADD TP151819 STRAP ON TERMS C8 AND Q11 FOR RECEIVE ONLY SERVICE; AND STRAP KO-KI ON 688 (NO) BASE IF NOT PRESENT.
 - THE MARGIN INDICATOR SWITCH IS NOT PROVIDED ON THE 28B (NO) TTY BASE.
 - LINE AND GROUND CONNECTIONS SHALL BE MADE PER FIG. 2, 3, 4, 5 OR 6 AS REQ. FIGS. 5 AND 6 CAN NOT BE USED WITH DC COMMERCIAL POWER SUPPLY.
 - TWO TP153483 STRAPS FURNISHED WITH THE TP152624 CAPACITOR-RESISTOR ASSEMBLY SHALL BE CONNECTED SO AS TO PROVIDE POSITIVE POLARITY ON TERM C81 AND NEGATIVE POLARITY ON TERM C22 WITH DC COMMERCIAL POWER SUPPLY. THESE STRAPS ARE NOT REQUIRED WITH AC POWER SUPPLY.
 - THE FOLLOWING EQUIPMENT IS REQUIRED:

EQUIPMENT REQUIRED	SERVICE CONDITIONS	120 VOLT AC		120 VOLT DC	
		S B R	S B R R ONLY	S B R	R ONLY
28B TTY CABINET	FIG. 2, 3, 4	X	X	X	X
28B ELECTRICAL SERVICE ASSEM.	FIG. 2, 3, 4	X	X	X	X
28A TYPING UNIT	FIG. 2, 3, 4	X	X	X	X
28B TTY BASE	FIG. 2, 3, 4	X	X	X	X
28C TTY BASE	FIG. 2, 3, 4	X	X	X	X
28A MOTOR UNIT	FIG. 2, 3, 4	X	X	X	X
28B MOTOR UNIT	FIG. 2, 3, 4	X	X	X	X
TP152623 LINE REL. MYG ASSEM.	FIG. 2, 3, 4	X	X	X	X
TP152624 CAPACITOR-RESISTOR ASSEMBLY	FIG. 2, 3, 4	X	X	X	X
KS-5663 RECTIFIER	FIG. 2, 3, 4	X	X	X	X
TP152330 LINE PAD RESISTOR	FIG. 2, 3, 4	X	X	X	X
TP152950 RECTIFIER ASSEMBLY	FIG. 2, 3, 4	X	X	X	X
TP152625 LINE TEST KEY ASSEM.	FIG. 2, 3, 4	X	X	X	X

TO ADD FIG. 7 LINE TEST KEY REQUIRES THE FOLLOWING

EQUIPMENT REQUIRED	S B R	S B R R ONLY	S B R	R ONLY
TP152625 LINE TEST KEY ASSEM.	X	X	X	X

28 TYPE TELETYPEWRITER
 IN 28B TTY CABINET
 PRIVATE LINE SERVICE
 SEND AND RECEIVE OR RECEIVING ONLY
 RELAY OPERATION, ONE WAY POLAR OR NEUTRAL 2W LINE
 OR 1W LINE TO GROUND OR BATTERY
 SWITCH CONTROL

FIG. 7
 EQUIPMENT ARRANGEMENT OF
 28B ELECTRICAL SERVICE UNIT

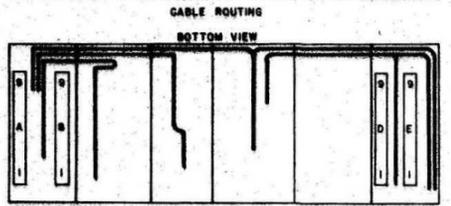
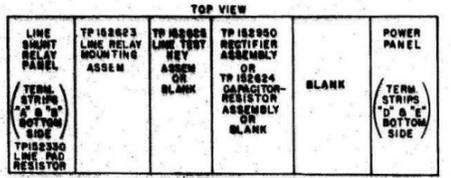


FIG. 8
 CONNECTIONS FOR AC POWER SUPPLY

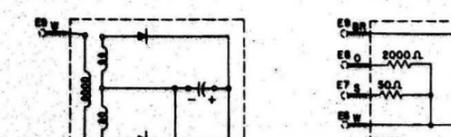


FIG. 9
 TP152625 RECTIFIER ASSEMBLY

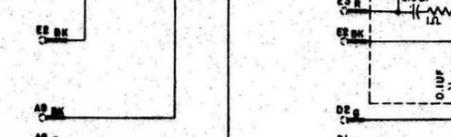


FIG. 10
 TP152624 CAPACITOR-RESISTOR ASSEMBLY FOR DC POWER SUPPLY



FIG. A
 POWER SUPPLY CORD WITHOUT PROT. GROUND



FIG. B
 POWER SUPPLY CORD WITH PROT. GROUND



FIG. 1
 28 TTY

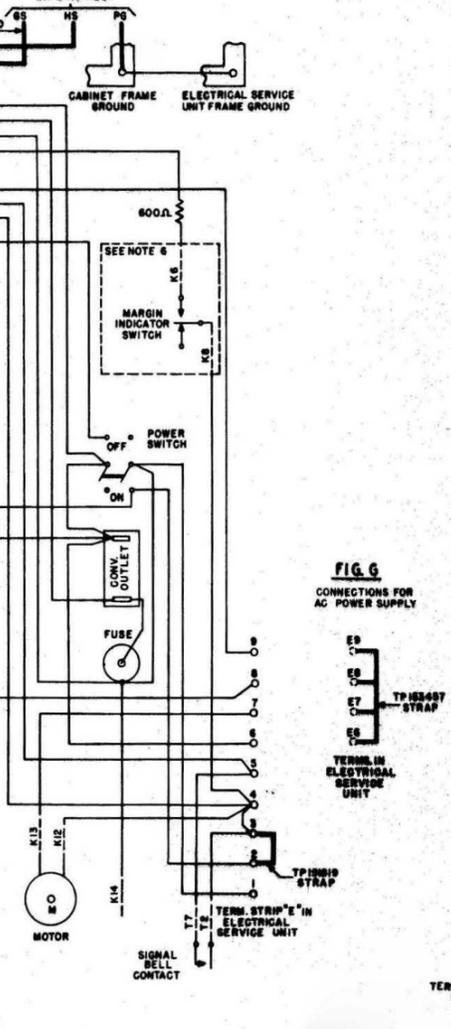


FIG. 2
 CONNECTIONS FOR TWO-WIRE LINE

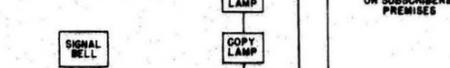


FIG. 3
 CONNECTIONS FOR POS LINE TO GROUND AT TTY



FIG. 4
 CONNECTIONS FOR NEG LINE TO GROUND AT TTY



FIG. 5
 CONNECTIONS FOR POS. BAT. AT TTY TO LINE

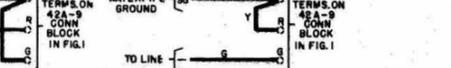


FIG. 6
 CONNECTIONS FOR NEG. BAT. AT TTY TO LINE OR TO SUPPLY LINE BAT. AT AN INTERMEDIATE STATION OR FOR METALLIC OPERATION

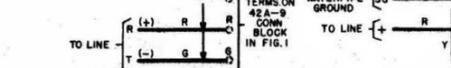


FIG. C
 WITHOUT WAVE SHAPING SET



FIG. D
 WITH WAVE SHAPING SET

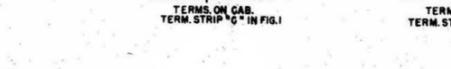


FIG. 7
 CONNECTIONS FOR POS. BAT. AT TTY TO LINE

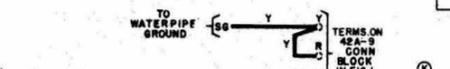


FIG. 8
 CONNECTIONS FOR NEG. BAT. AT TTY TO LINE OR TO SUPPLY LINE BAT. AT AN INTERMEDIATE STATION OR FOR METALLIC OPERATION

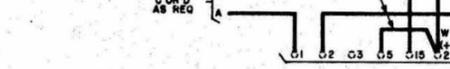


FIG. 9
 CONNECTIONS FOR POS. BAT. AT TTY TO LINE



FIG. 10
 CONNECTIONS FOR NEG. BAT. AT TTY TO LINE OR TO SUPPLY LINE BAT. AT AN INTERMEDIATE STATION OR FOR METALLIC OPERATION



FIG. 11
 CONNECTIONS FOR POS. BAT. AT TTY TO LINE

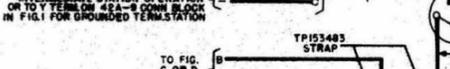


FIG. 12
 CONNECTIONS FOR NEG. BAT. AT TTY TO LINE OR TO SUPPLY LINE BAT. AT AN INTERMEDIATE STATION OR FOR METALLIC OPERATION



FIG. 13
 CONNECTIONS FOR POS. BAT. AT TTY TO LINE

