

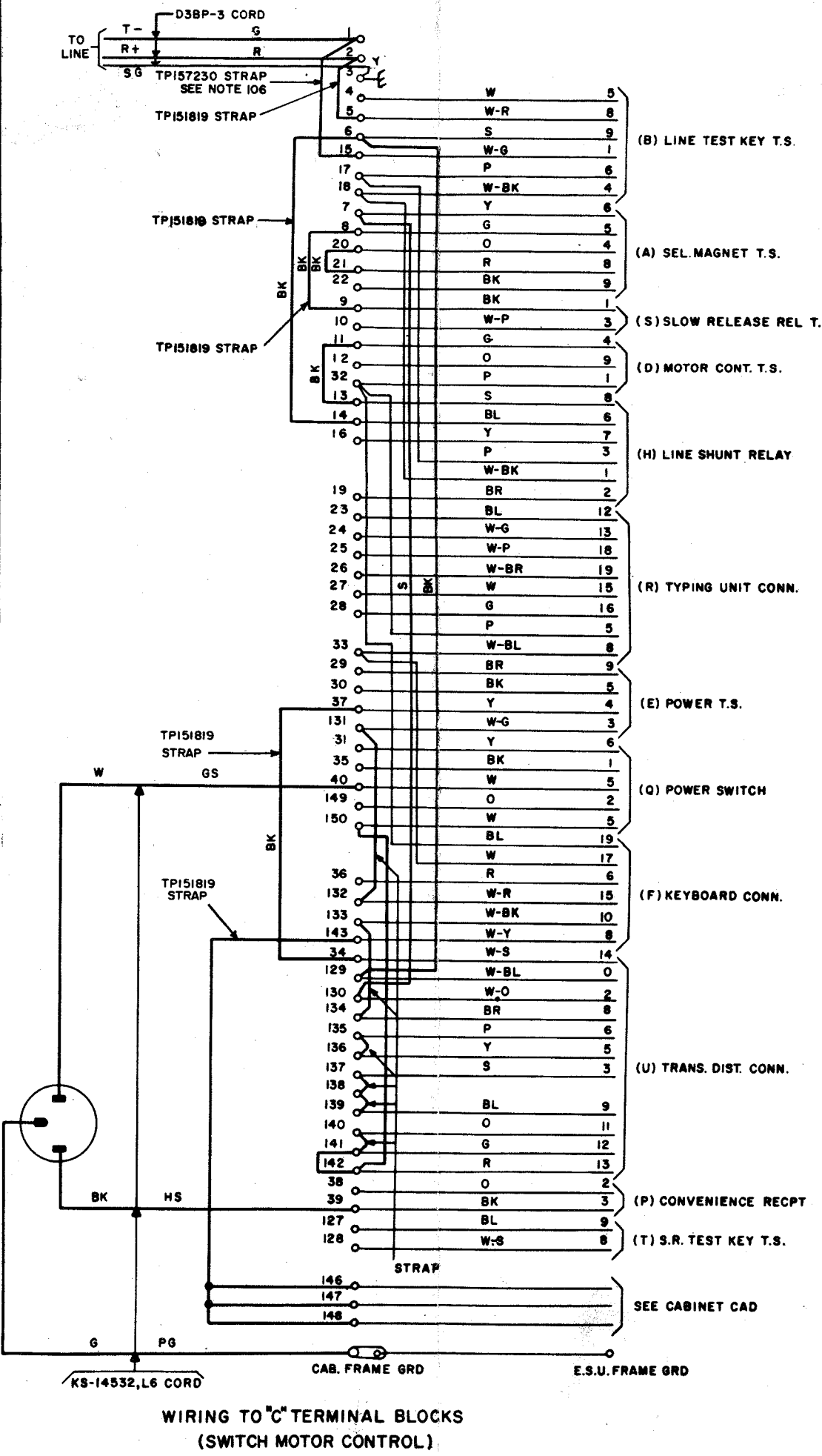
FSI

28ASR TTY
SWITCH MOTOR CONTROL
WITH 28B PERFORATOR TRANSMITTER
BASE AND 28H TRANSMITTER
DISTRIBUTOR.
SEE NOTE 103

SHEET NOTES:

- TERMINAL BLOCKS AND CONNECTORS IN TTY CABINET AND ELECTRICAL SERVICE UNIT.
- THE NUMBERS ENCASED BY PARENTHESES ARE USED FOR REFERENCE AND ARE NOT NECESSARILY SHOWN ON THE PARTS.
- USE BUSS MDX-6-1/4 AMP FUSETRON OR EQUIVALENT FOR STATION POWER.
- H AND M CONNECTORS ARE NOT USED WITH 28E TRANSMITTER DISTRIBUTOR.
- SWITCHES ARE SHOWN WITH TTY POWER OFF AND NO TAPE IN TRANSMITTER DISTRIBUTOR.

DESIG	DESCRIPTION
A	SELECTOR MAGNETS
B	LINE TEST KEY (LT)
C	CABINET
D	MOTOR CONTROL
E	POWER
F	KEYBOARD CONNECTOR
R	TYPING UNIT CONNECTOR
S	SLOW RELEASE RELAY TERMINAL BLOCK
T	SLOW RELEASE TEST KEY (SRT)
U	TRANSMITTER DISTRIBUTOR (TD)
AH	KEYBOARD TERMINAL BLOCK
J1	LINE RELAY TERMINAL BLOCK
J2	LINE RELAY CONNECTOR BLOCK AND RESISTOR TERMINALS
J3	LINE RELAY FILTER TERMINALS



WIRING TO "C" TERMINAL BLOCKS
(SWITCH MOTOR CONTROL)

TP581.000
Book 4C
Code W0700
5-24-61
Sheet 1 of 3
Replacing Plan Dated 10-7-60

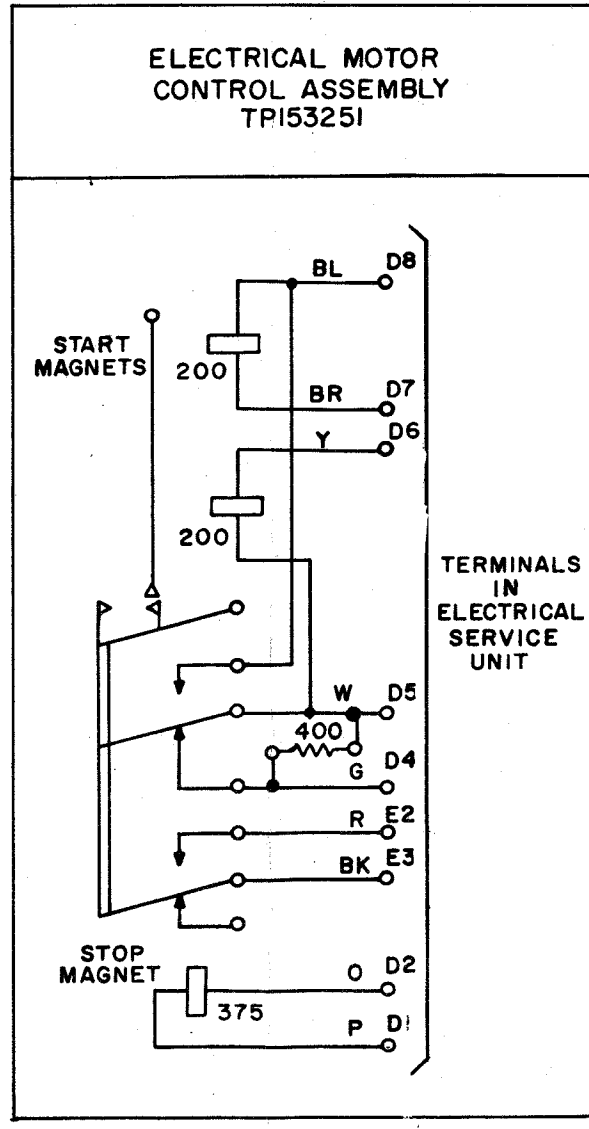
WIRING PLAN
28 TYPE AUTOMATIC SENDING - RECEIVING STATION - PRIVATE LINE SERVICE - HALF DUPLEX OPERATION - LINE RELAY - SWITCH OR ELECTRICAL MOTOR CONTROL - TYPING OR NON-TYPING PERFORATOR - SINGLE CONTACT TRANSMITTER DISTRIBUTOR - AC 60 CYCLES

REQ. NO.
SHOP ORDER NO.

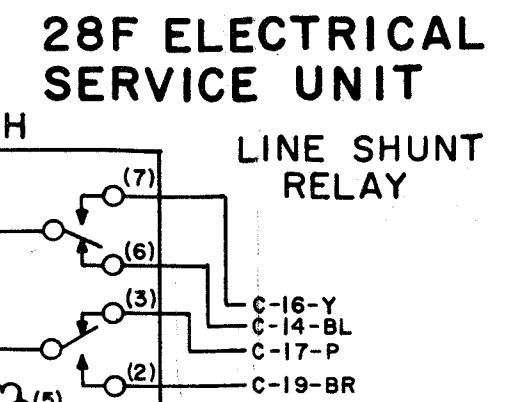
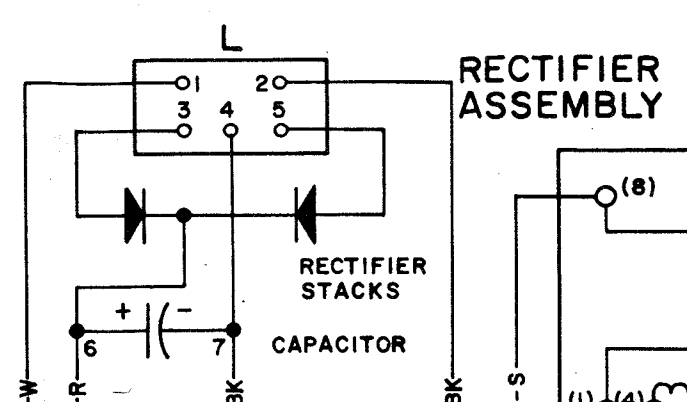
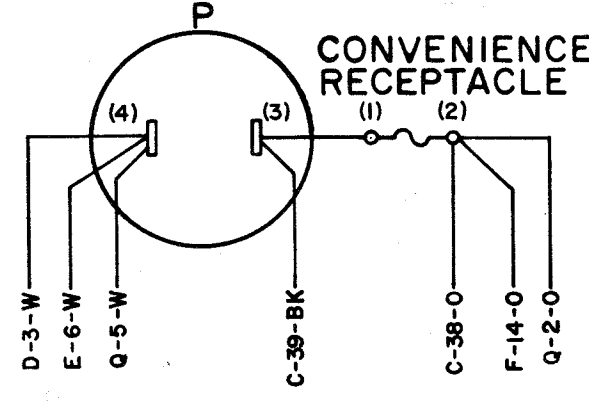
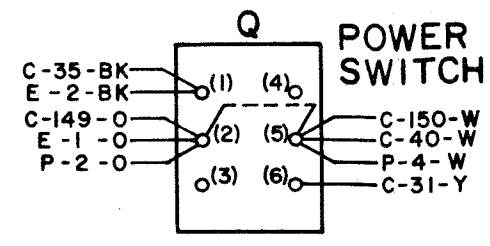
NOTES:

- WIRE MAN SHALL LINE OUT ALL FIGURES NOT USED ON COPY OF WIRING PLAN WHICH ACCOMPANIES STATION.
- UNLESS OTHERWISE SPECIFIED ALL COLOR CODED INTERCONNECTING LEADS SHALL BE 22GA. BROWN, TYPE GS STATION WIRE PER A.T. & T. CO. SPEC. 7089.
- CHECK TO DETERMINE THAT THE "C" TERMINAL STRIP HAS THE FOLLOWING STRAPPING FOR 60 MIL. OPERATION - SWITCH MOTOR CONTROL.

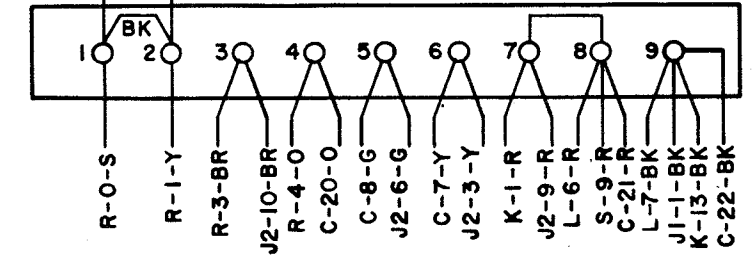
✓C1-C15	✓C8-C9	✓C143-C146	✓C135-C136
✓C2-C5	✓C11-C13	✓C146-C147-C148	✓C137-C138-C139
✓C6-C14	✓C20-C21	METAL STRAPS	✓C140-C141
✓C6-C129	✓C34-C37	✓C131-C132	
✓C7-C130	✓C141-C142-C150	✓C133-C134	
- ADDITIONAL MODIFICATION FOR 20 MIL. OPERATION
 PROVIDE: J1-3 to J1-4
 REMOVE: J1-1 to J1-2
 K1 to K2
- ADDITIONAL MODIFICATION FOR ELECTRICAL MOTOR CONTROL
 PROVIDE: C13-C10 D4-D5
 C33-C35 D5-D7
 D2-D3 D6-D8
 REMOVE: C11-C13
 D4-D8
 E2-E3
- WHEN WAVE SHAPING SET IS REQUIRED PROVIDE OPTION "Y" AND OMIT STRAP FROM C1 TO C15.
- WHEN TABULATION OR FORM FEED OUT IS REQUIRED PROVIDE OPTION "V" (STRAPS C23-C133 & C24-C134) AND OMIT OPTION "W" (C133-C134).
- WHEN PAPER FEED OUT SWITCH IS REQUIRED REMOVE MOTOR LEAD FROM AG1 & CONNECT TO AG3.



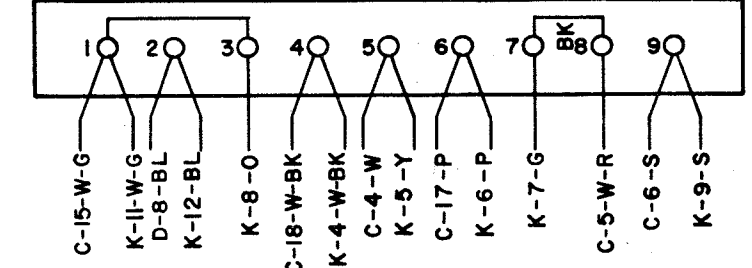
WESTERN ELECTRIC COMPANY, INC.
TELEPHONE SALES DIVISION - EXCL. INST.
ENGINEER OF SHOPS



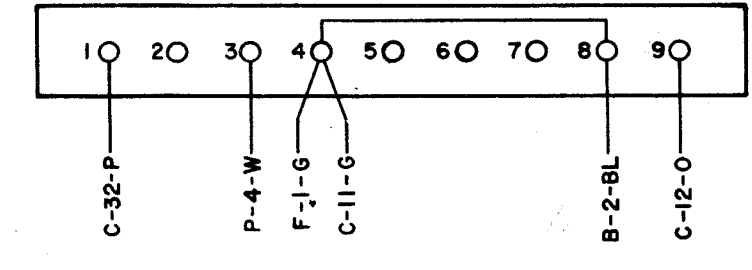
A SELECTOR MAGNET TERMINAL BLOCK



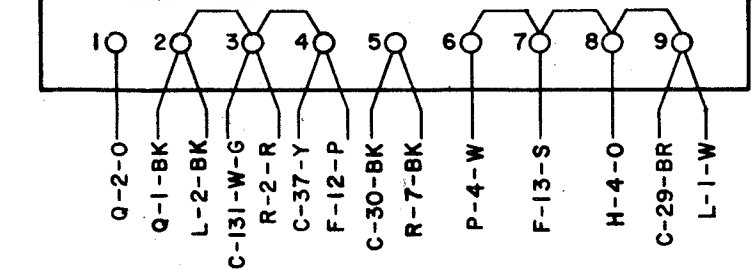
B LINE TEST KEY TERMINAL BLOCK



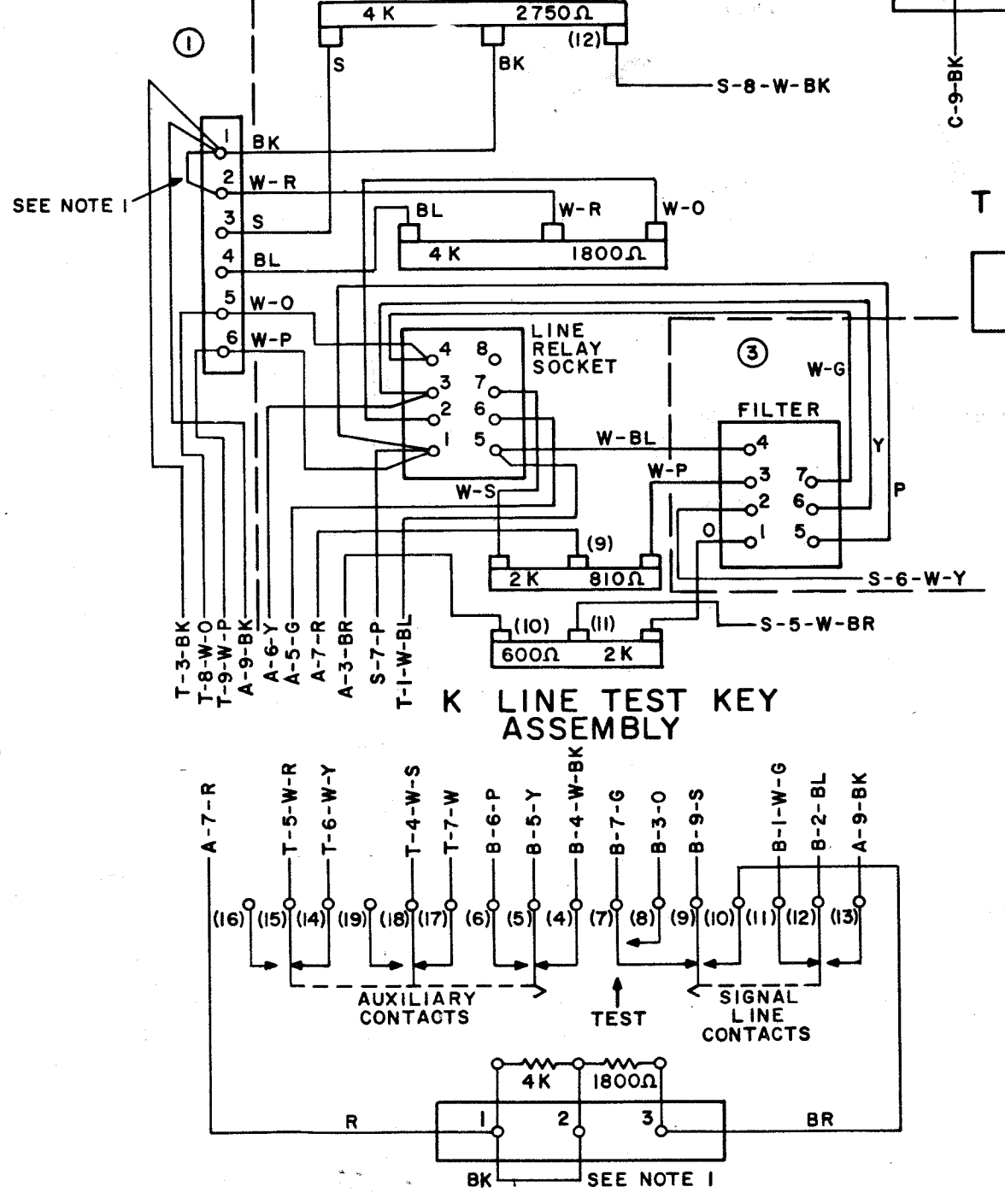
D MOTOR CONTROL TERMINAL BLOCK



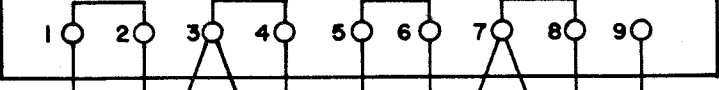
E POWER TERMINAL BLOCK



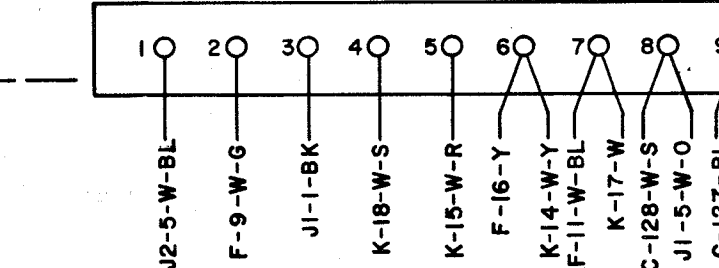
J LINE RELAY ASSEMBLY



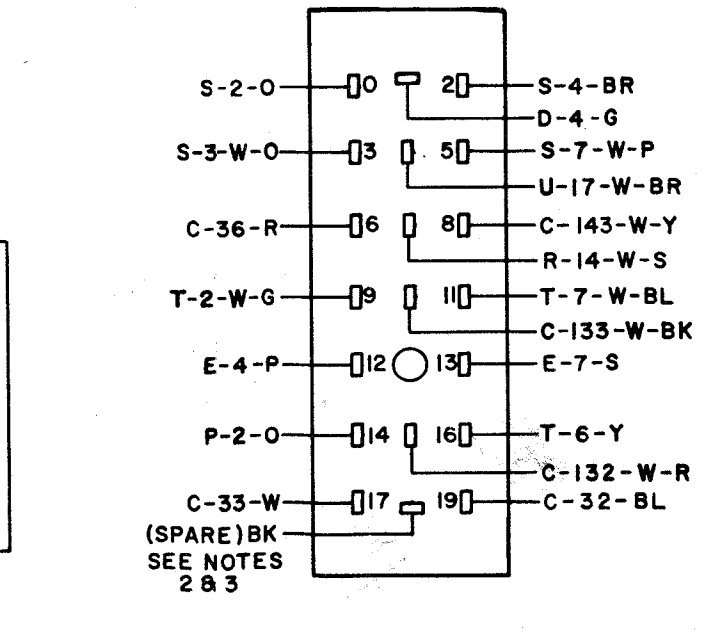
S SLOW RELEASE RELAY TERMINAL BLOCK



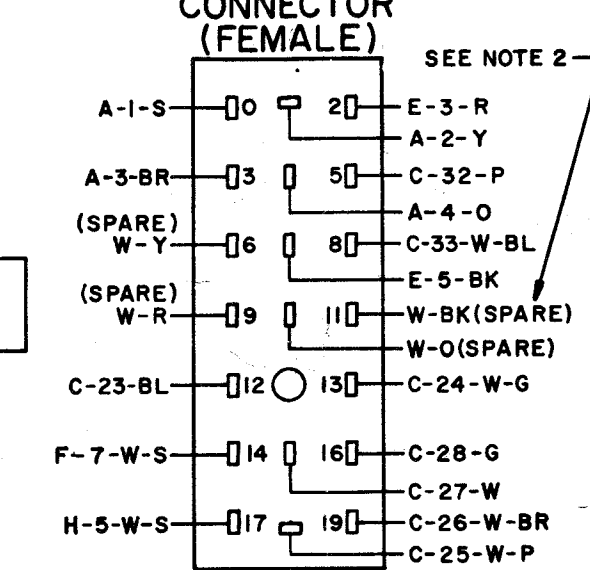
T SLOW RELEASE TEST KEY TERMINAL BLOCK



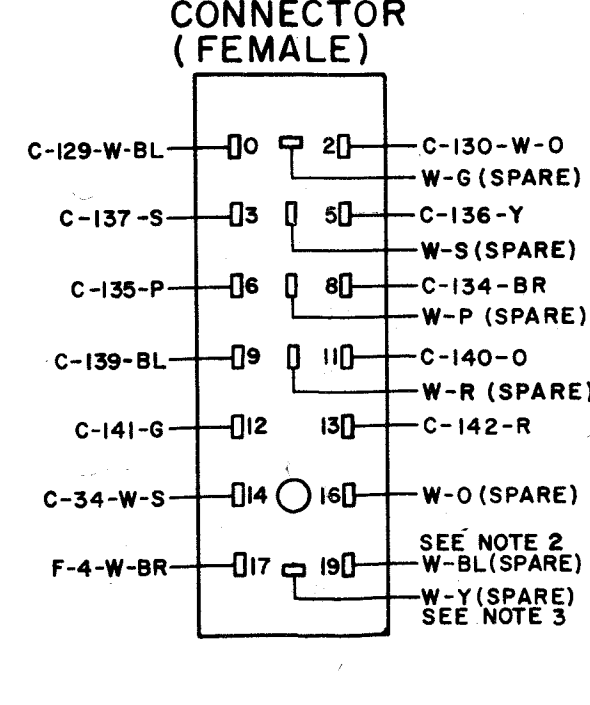
F KEYBOARD CONNECTOR (FEMALE)



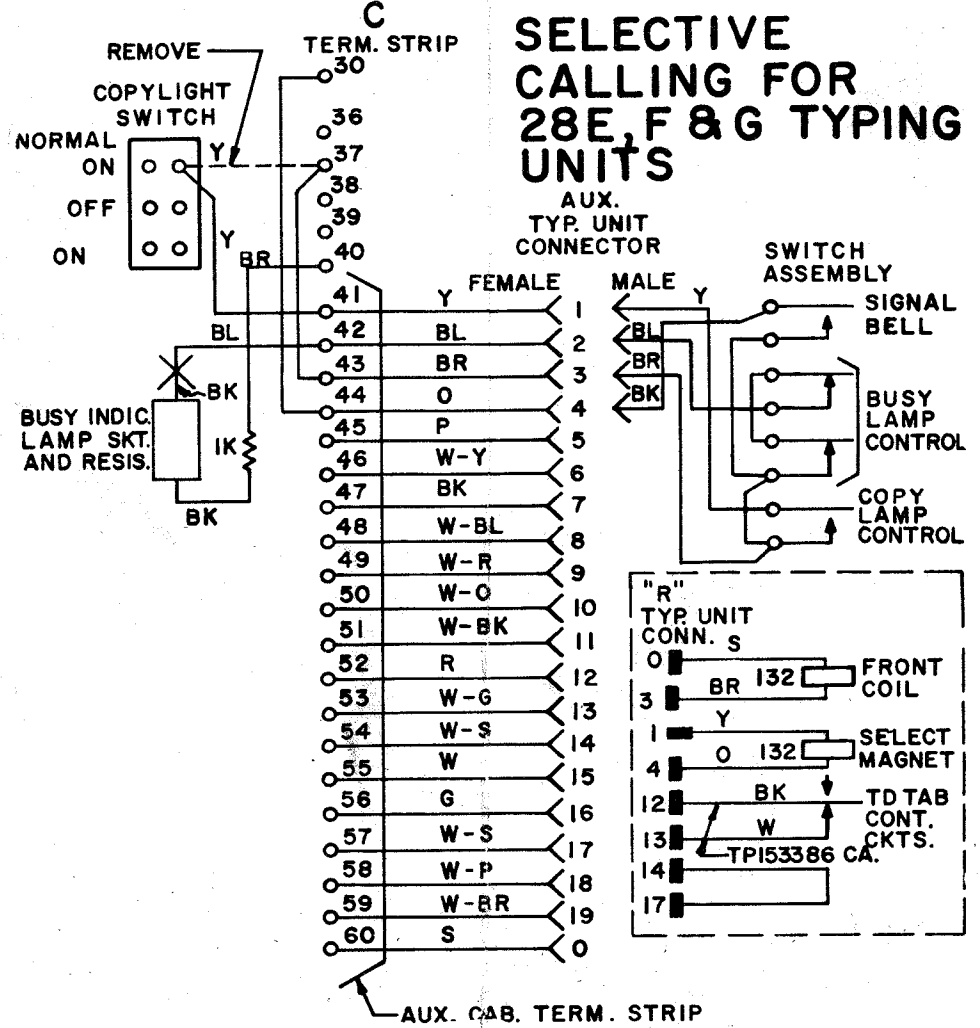
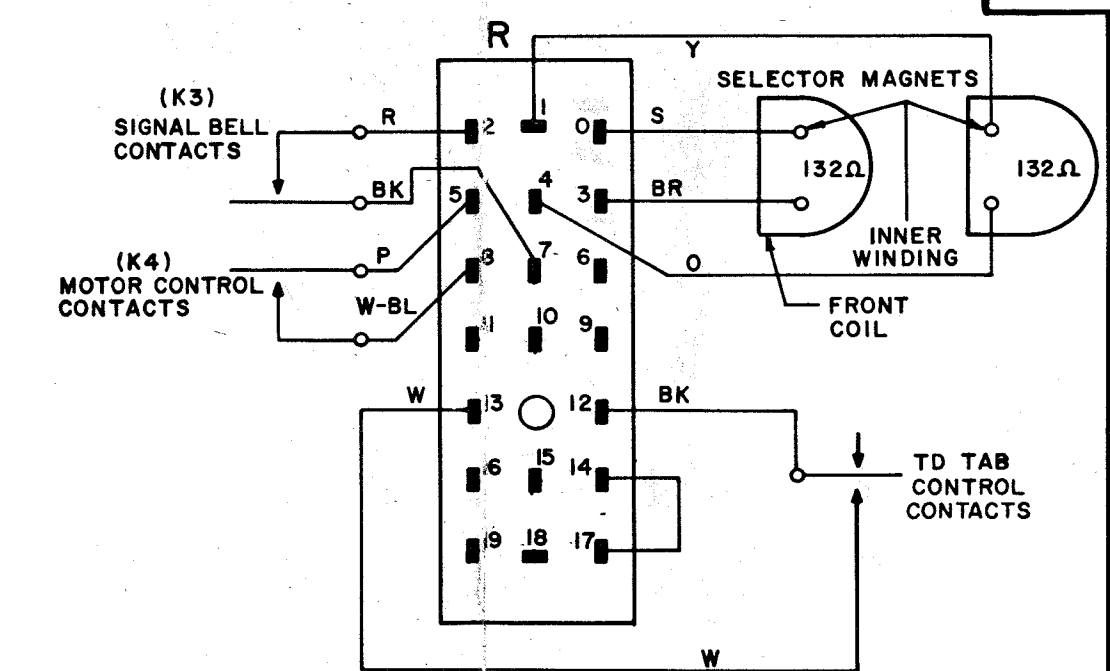
R TYPING UNIT CONNECTOR (FEMALE)



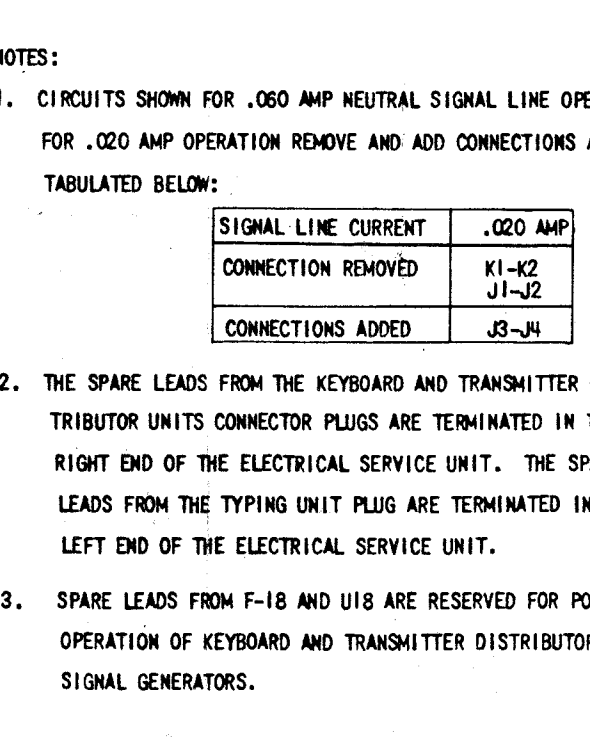
U TRANSMITTER DISTRIBUTOR CONNECTOR (FEMALE)



28A, 28A-1, 28A-2, 28B, 28C, 28D TYPING UNITS



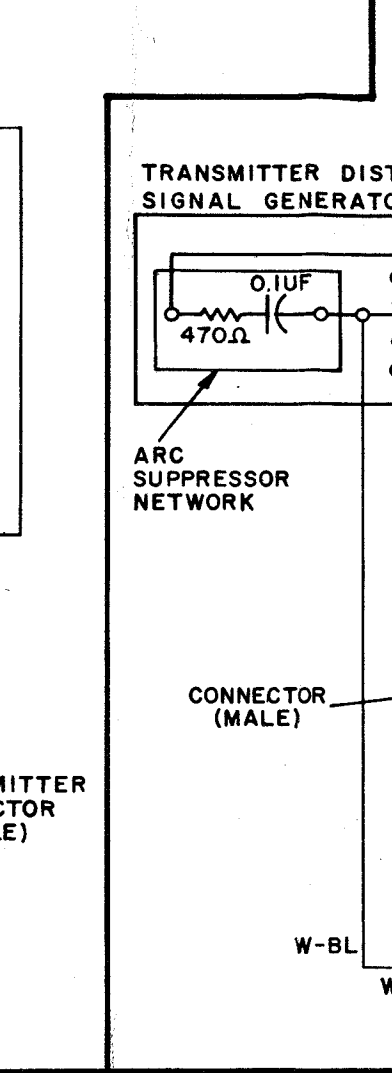
28F ELECTRICAL SERVICE UNIT



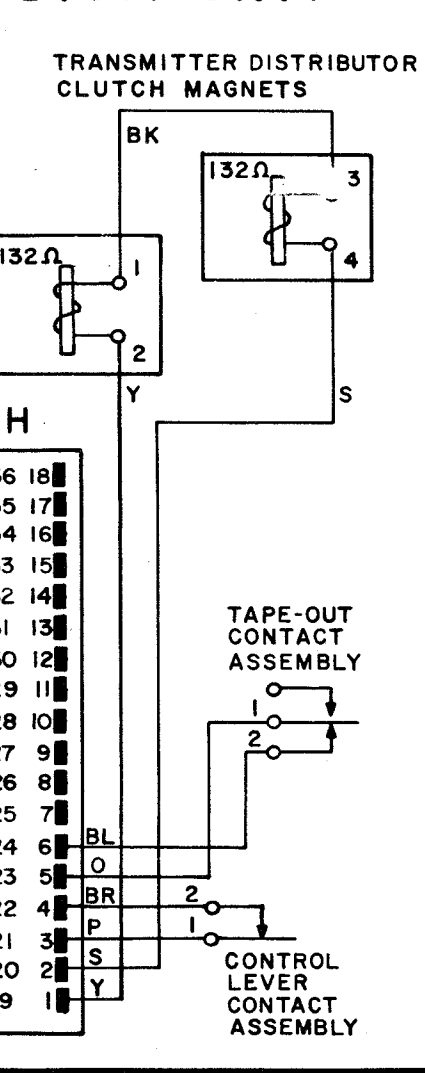
NOTES:
1. CIRCUITS SHOWN FOR .060 AMP NEUTRAL SIGNAL LINE OPERATION. FOR .020 AMP OPERATION REMOVE AND ADD CONNECTIONS AS TABULATED BELOW:
2. THE SPARE LEADS FROM THE KEYBOARD AND TRANSMITTER DISTRIBUTOR UNITS CONNECTOR PLUGS ARE TERMINATED IN THE RIGHT END OF THE ELECTRICAL SERVICE UNIT. THE SPARE LEADS FROM THE TYPING UNIT PLUG ARE TERMINATED IN THE LEFT END OF THE ELECTRICAL SERVICE UNIT.
3. SPARE LEADS FROM F-18 AND U18 ARE RESERVED FOR POLAR OPERATION OF KEYBOARD AND TRANSMITTER DISTRIBUTOR SIGNAL GENERATORS.

SIGNAL LINE CURRENT	.020 AMP
CONNECTION REMOVED	K1-K2 J1-J2
CONNECTIONS ADDED	J3-J4

28H TRANS.-DIST. BASE



28H TRANS.-DIST. UNIT

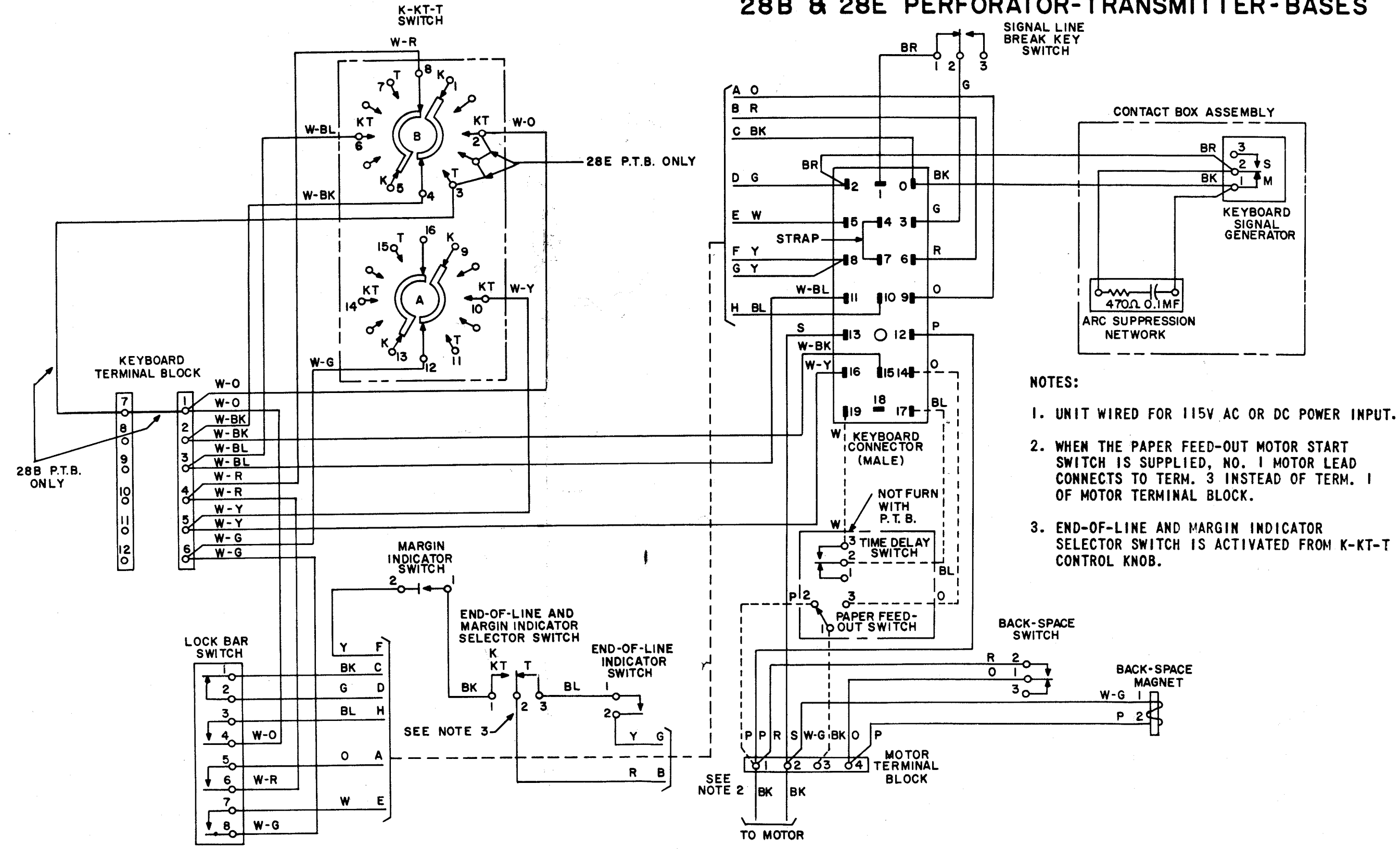


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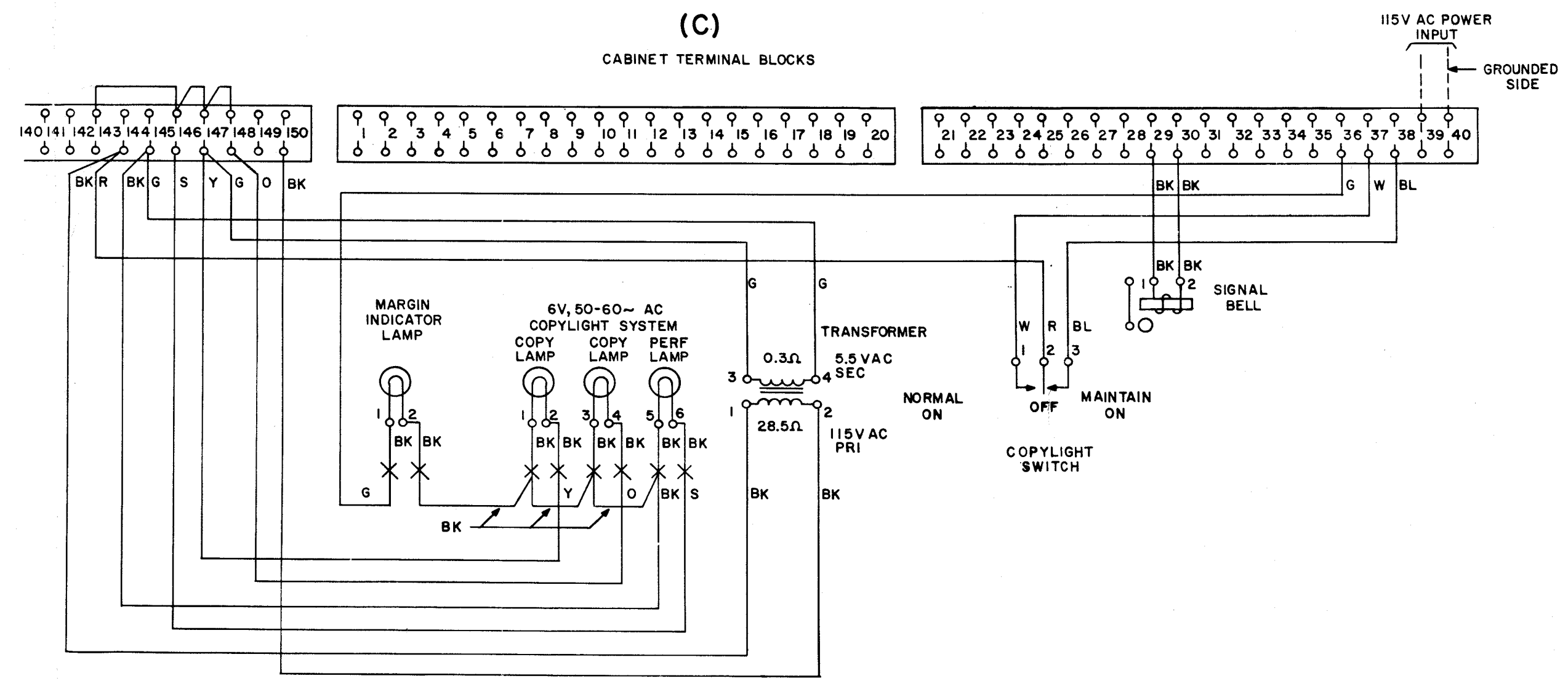
WIRING PLAN
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4. ELECTRICAL SERVICE UNIT AND CABINET ARE SHOWN WIRED FOR OPERATION OF START MAGNET OF 28H TRANSMITTER DISTRIBUTOR ON AC. WHEN 120 VOLTS DC IS TO BE USED WIRE AS FOLLOWS:
OMIT C-131 TO C-132
C-142 TO C-150
ADD C-21 TO C-142
C-22 TO C-132
IF A 28F OR 28G TRANSMITTER DISTRIBUTOR UNIT IS INSTALLED ALSO ADD:
C-83* TO C-132
C-82* TO C-142
*C-82 AND C-83 ARE SHOWN ON 28G TRANSMITTER DISTRIBUTOR HOUSING DRAWING.

28B & 28E PERFORATOR-TRANSMITTER-BASES



28G CABINET



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