

NO. 14 TYPE TELETYPEWRITER
(14B TABLE)
SEE NOTES ③ ④ ⑤

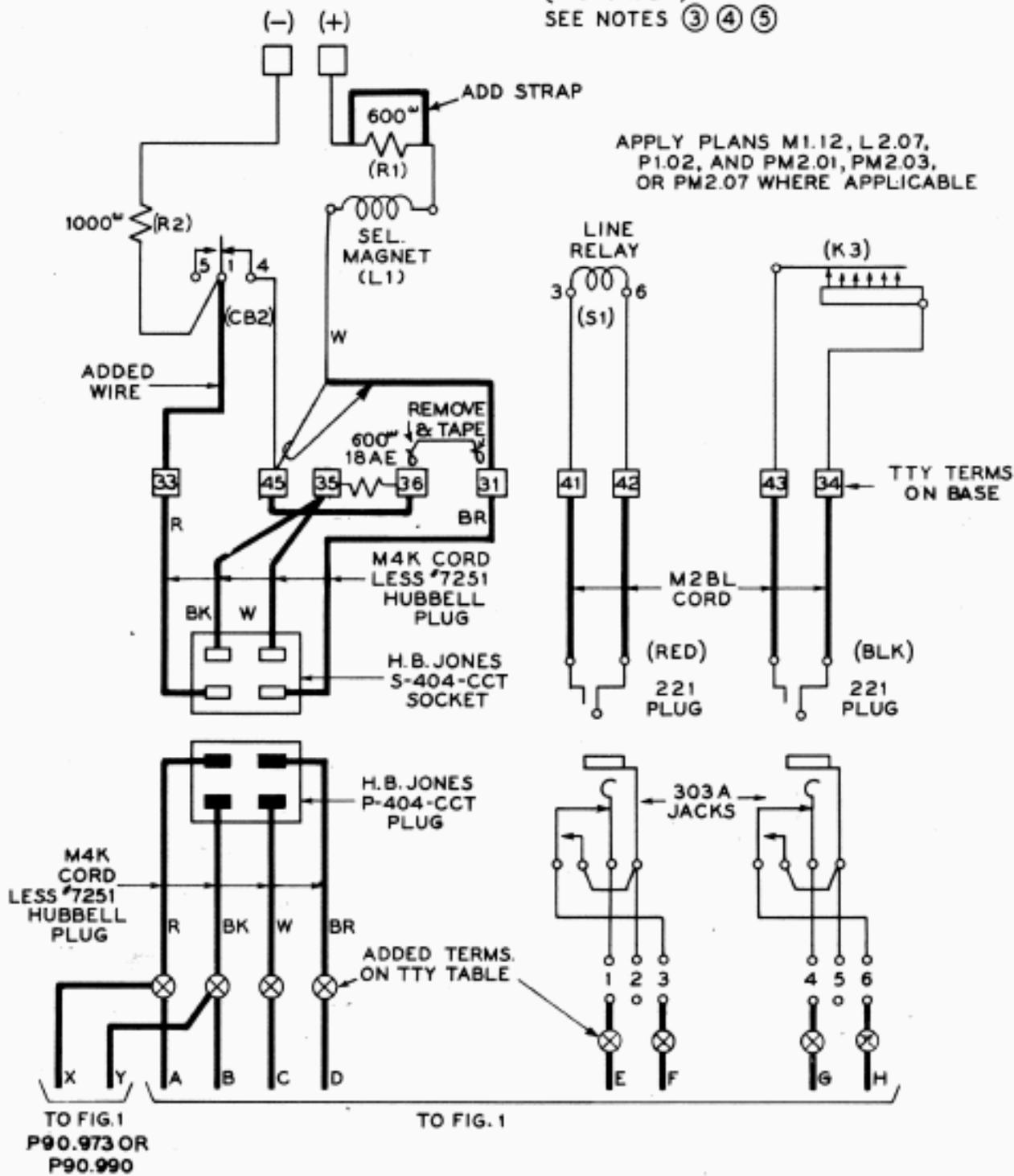
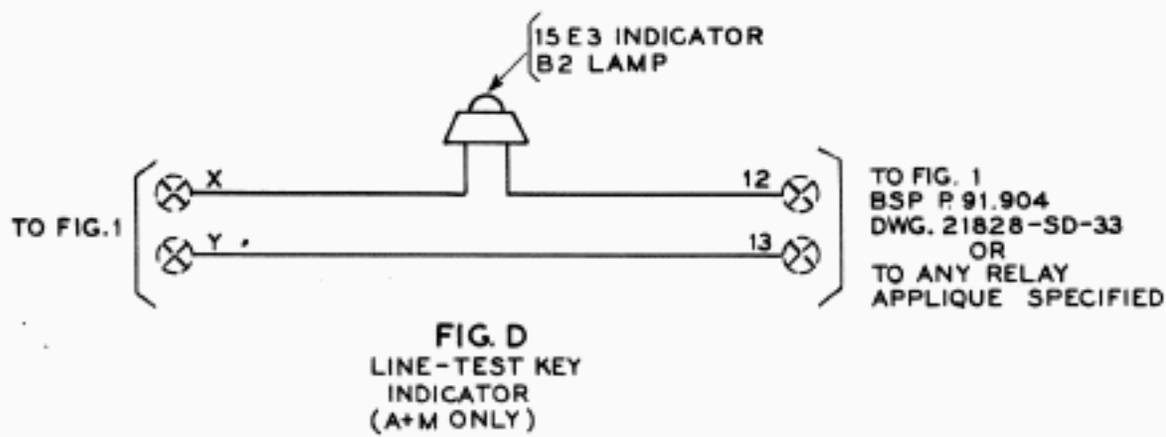
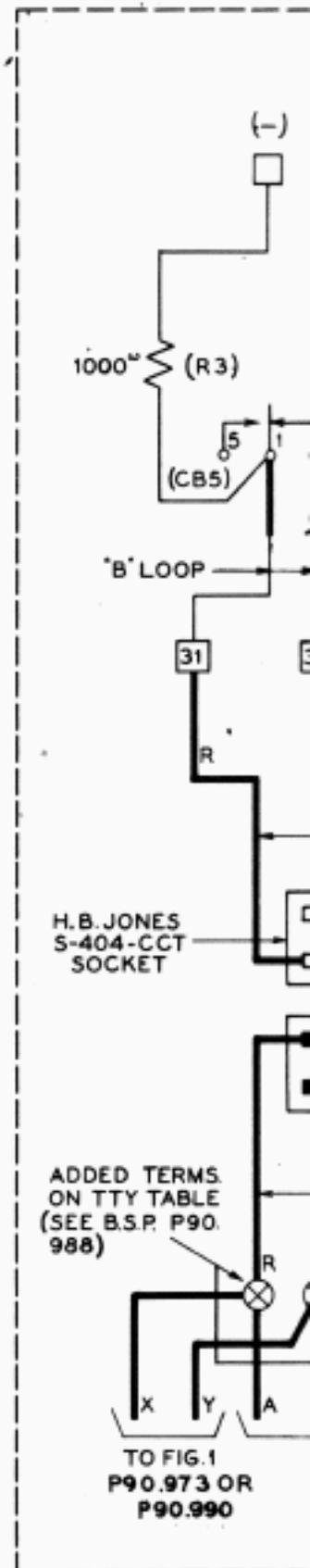
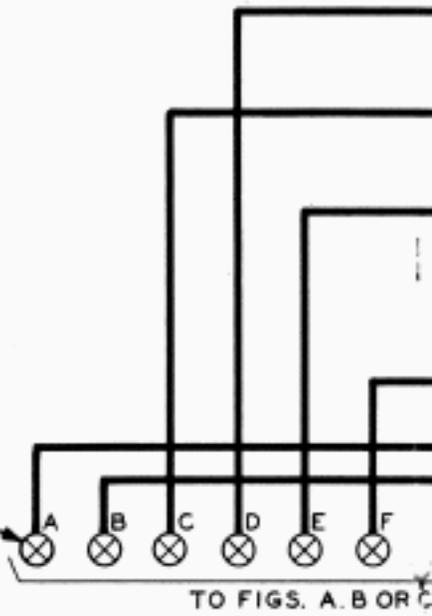


FIG. A
(A+M ONLY)

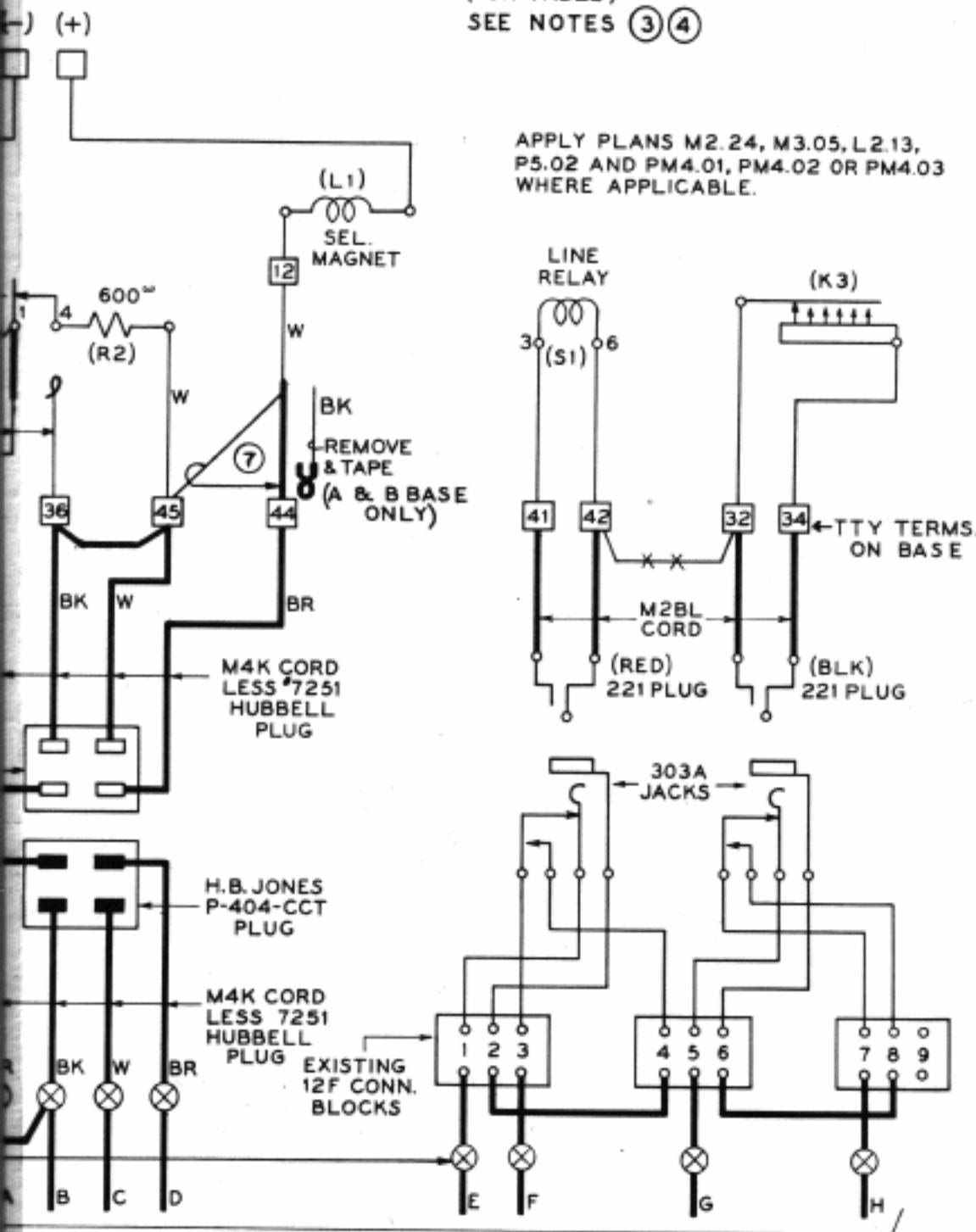


ADDED TERMS. TTY TABLE (SEE B.S.P. P90.986-9 INCL.)



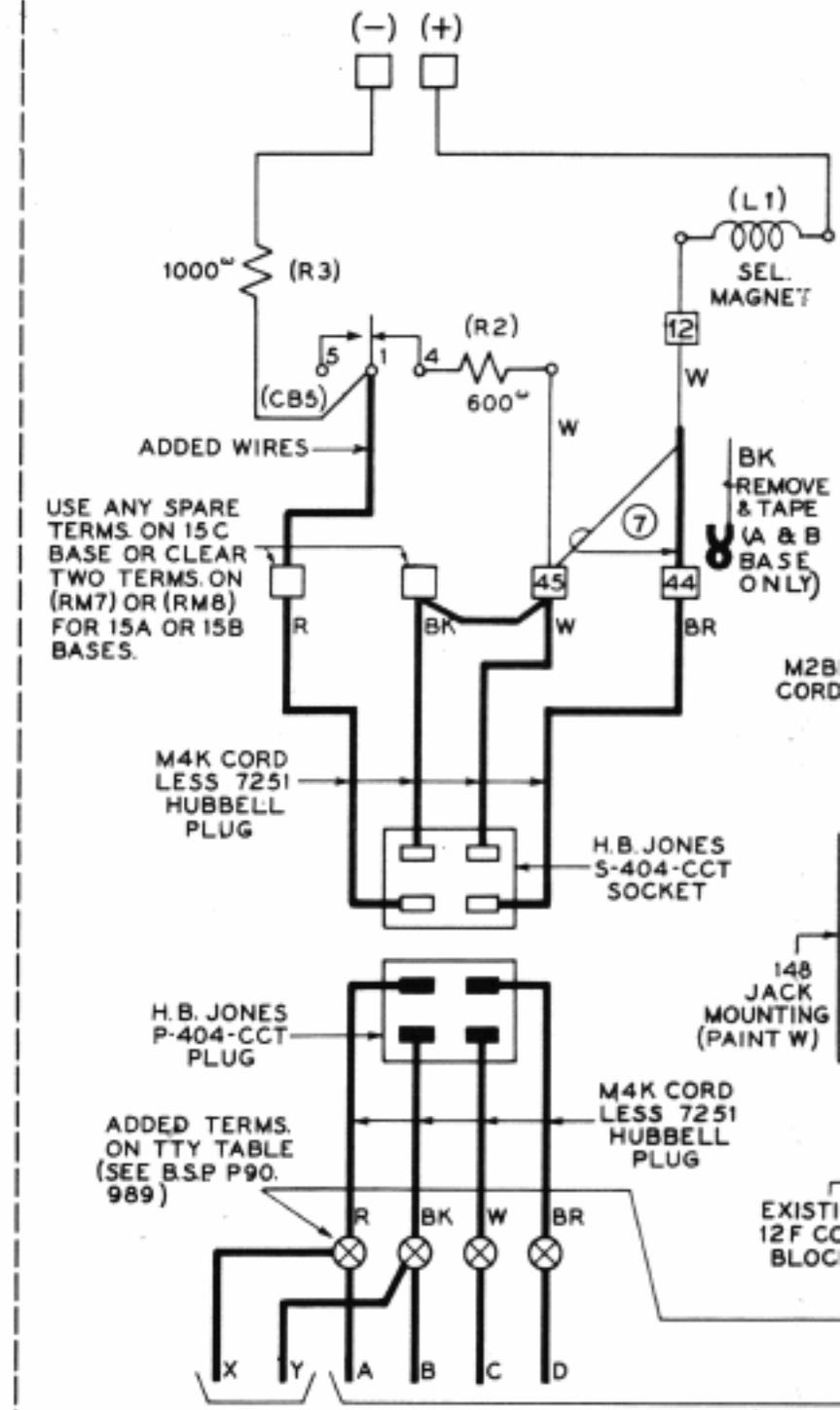
NO. 15 TYPE TELETYPEWRITER
(15N TABLE)
SEE NOTES ③ ④

APPLY PLANS M2.24, M3.05, L2.13,
P5.02 AND PM4.01, PM4.02 OR PM4.03
WHERE APPLICABLE.



TO FIG. 1

FIG. B
(A+M ONLY)



USE ANY SPARE
TERMS. ON 15C
BASE OR CLEAR
TWO TERMS. ON
(RM7) OR (RM8)
FOR 15A OR 15B
BASES.

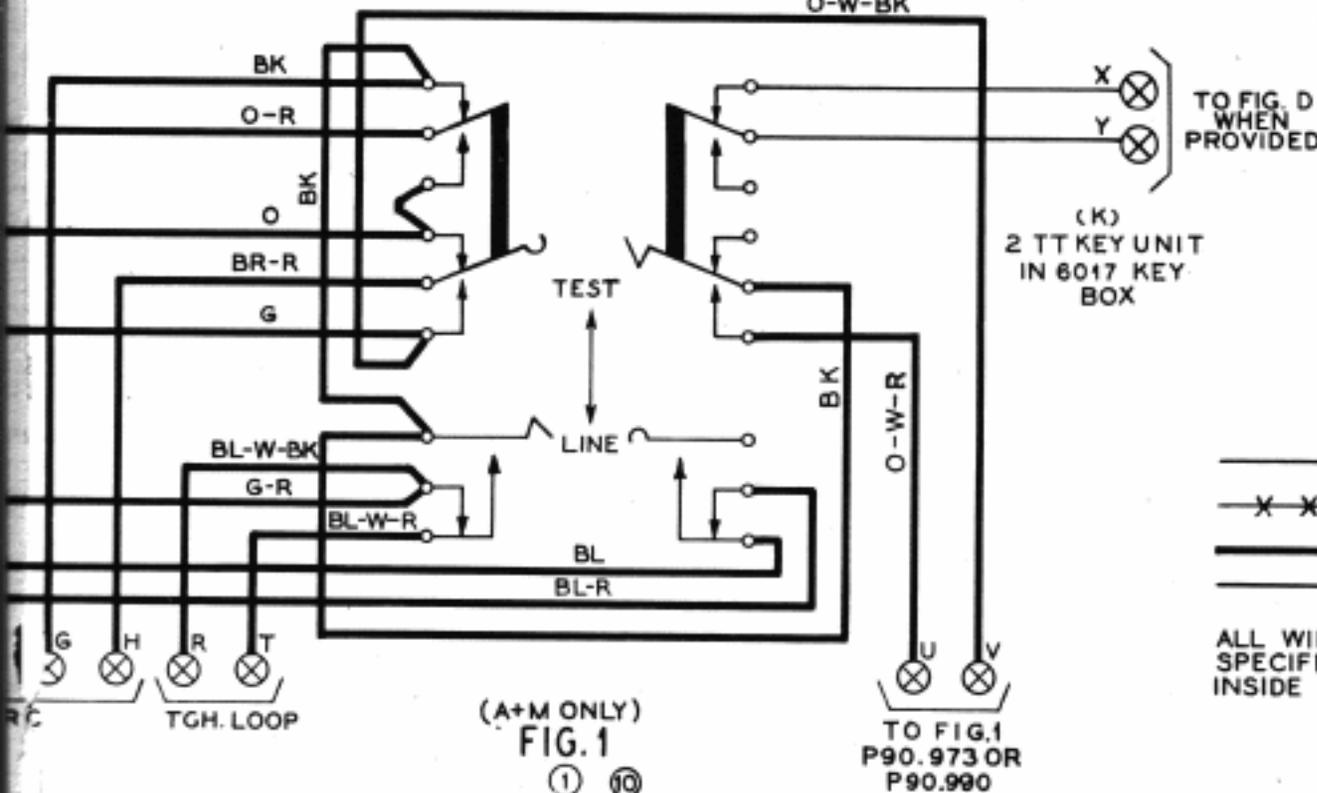
ADDED TERMS.
ON TTY TABLE
(SEE BSP P90.
989)

TO FIG. 1
P90.973 OR
P90.990

TO FIG. 1

FIG. C
(A+M ONLY)

EXTERNAL LINE-TEST KEY (SHOWN FOR TEST)



(A+M ONLY)
FIG. 1
① ⑩

TO FIG. 1
P90.973 OR
P90.990

- KEY -

- EXISTING WIRES
- X - REMOVED WIRES
- ADDED OR CHANGED WIRES.

ALL WIRING UNLESS OTHERWISE
SPECIFIED TO BE 22 GA.
INSIDE TELEPHONE WIRING

THE NO. 14, 15 OR 19 TYPE
AS INDICATED ON THIS
FEATURES:

- A. WHEN EXTERNAL LINE-TEST KEY IS USED, RELAY CONTACTS SHORTED BY APPLIQUE CIRCUIT IS IN TELETYPEWRITER WILL BE OPENED BY APPLIQUE CIRCUIT.
- B. WHEN EXTERNAL LINE-TEST KEY IS USED, RELAY CONTACTS SHORTED BY APPLIQUE CIRCUIT IS IN TELETYPEWRITER WILL BE OPENED BY APPLIQUE CIRCUIT. ALSO, THE LOOP CONNECTIONS WILL BE OPENED BY APPLIQUE CIRCUIT.

Dist. Class. 600 AC

NO. 19 TYPE TELETYPEWRITER
 (19A TABLE)
 SEE NOTES ③ ④

APPLY PLANS M2.10 & M3.01 FOR A & B BASES
 M2.10, M2.16 & M3.04 FOR C BASES ALSO
 P6.01 & PM3.01, PM3.02 OR PM3.03 WHERE
 APPLICABLE.

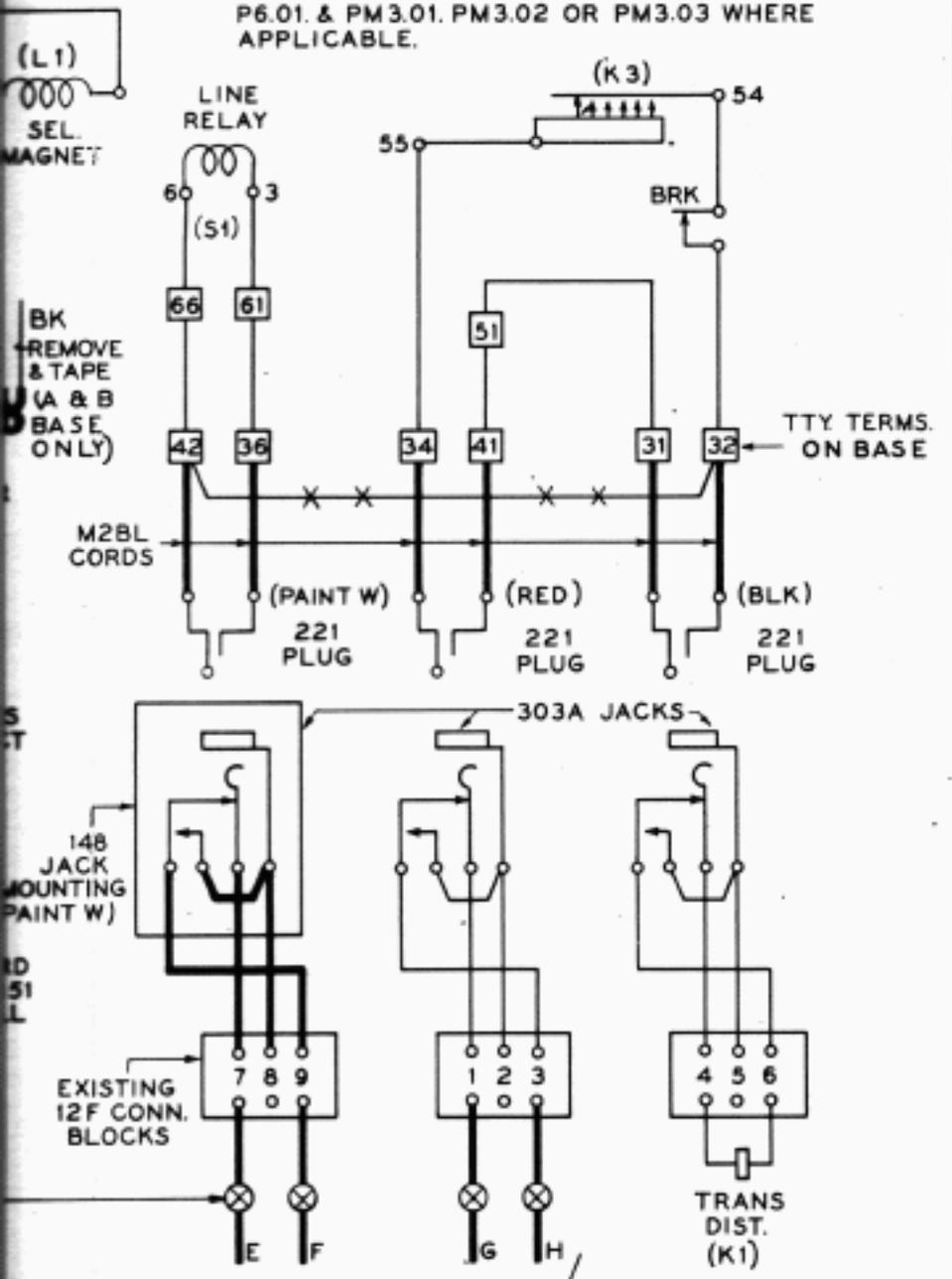


FIG. 1

FIG. C
 (A+M ONLY)

FEATURES

NO. 19 TYPE TELETYPEWRITER WHEN MODIFIED
 ACCORDING TO THIS DRAWING WILL HAVE THE FOLLOWING
 FEATURES:
 1. WHEN THE LINE-TEST KEY IS IN "LINE" POSITION: (1) THE
 TELETYPEWRITER WILL BE INOPERATIVE (KEYBOARD AND LINE
 CIRCUITS SHORT-CIRCUITED) IF THE LINE-TEST KEY
 IS IN THE "STATION OFF" CONDITION. (2) THE
 TELETYPEWRITER WILL BE OPERATIVE IF THE
 LINE-TEST KEY IS IN THE "STATION ON" CONDITION.
 2. WHEN THE LINE-TEST KEY IS IN "TEST" POSITION, THE
 TELETYPEWRITER WILL BE OPERATIVE LOCALLY INDEPENDENT
 OF THE OPERATION OF THE APPLIQUE CIRCUIT.
 3. THE LOOP CONNECTION AT THE KEY WILL BE SHORT-CIRCUITED.

NOTES

- ① KEY TO BE MOUNTED ON 14, 15 OR 19 TYPE TELETYPEWRITER TABLE. KEY TO CONSIST OF 2 TT KEY UNIT IN A 6017 KEY BOX. (REFER TO B.S.P. P90.988 AND P90.989 FOR MOUNTING ARRANGEMENT ON 15 N AND 19 A TABLE RESPECTIVELY)
- ② USE FIG. A, B OR C FOR A 14, 15 OR 19 TYPE TELETYPEWRITER RESPECTIVELY.
- ③ MODIFY LINE-TEST KEY ON KEYBOARD BY ADDING P-356557 PLUNGER. LINE-TEST KEY LOCKED IN LINE POSITION.
- ④ USE STANDARD POWER WIRING ARRANGEMENTS FOR 14, 15 AND 19 TYPE TELETYPEWRITERS AND TABLES.
- ⑤ IF SPARK KILLER IS REQUIRED ACROSS KEYBOARD CONTACTS OF 14 TYPE TTY. PROVIDE SAME BY USE OF APPROPRIATE WAVE SHAPING SET.
- ⑦ SHOWN FOR A AND B BASES. IN C BASES MOVE RED WIRE FROM TERM 45 TO TERM 44.
- ⑩ ADJUST KEY UNIT IN ACCORDANCE WITH BSP B 432.018.
- ⑪ IF FIG. D IS REQUIRED PROVIDE A 6017 AB OR 6017 R KEY INSTEAD OF THE 6017 E KEY FOR THE 2 TT KEY UNIT. THIS IS TO OBTAIN A SUFFICIENT NUMBER OF TERMINALS IN THE KEYBOX. AS AN ALTERNATIVE INSTALL A 11B CONN. BLOCK ADJACENT TO THE KEY FOR THE ADDED TERMINALS.

MATERIAL

- LINE-TEST KEY**
 1-2TT KEY UNIT (SEE NOTE 10).
 1-6017E KEY (DISCARD UNIT) (OMIT IF FIG. D IS USED).
- FIG. A OR B**
 1-M2BL CORD.
 1-221 PLUG (BLACK)
 2-M4K CORDS (DISCARD #7251 HUBBELL PLUGS)
 1-H.B.JONES P-404-CCT PLUG
 1-H.B.JONES S-404-CCT SOCKET
- FIG. C**
 1-M2BL CORD.
 1-221 PLUG (BLACK)
 1-148 JACK MOUNTING
 1-303A JACK
 2-M4K CORDS (DISCARD #7251 HUBBELL PLUGS)
 1-H.B.JONES P-404-CCT. PLUG
 1-H.B.JONES S-404-CCT. SOCKET
- FIG. D**
 1-15E3 INDICATOR
 1-B2 LAMP
 1-6017 AB OR 6017 R KEY (DISCARD UNIT ⑪)
 1-11B CONN. BLOCK ⑪
 1-4G LAMP STANDARD
 1-DETAIL 5 PER BSP P. 90.985

64-C-1 SELECTOR SYSTEM

TELETYPEWRITER MODIFICATIONS AND CONNECTIONS
 NO. 14, 15 AND 19 TYPE TELETYPEWRITER SETS
 WITH EXTERNAL LINE-TEST KEY FOR USE
 WITH APPLIQUE PER P90.990 OR P90.973
 WIRING AND SCHEMATIC

NO. 14 TYPE TELETYPEWRITER
(14 B TABLE)
SEE NOTES ③ ④ ⑤

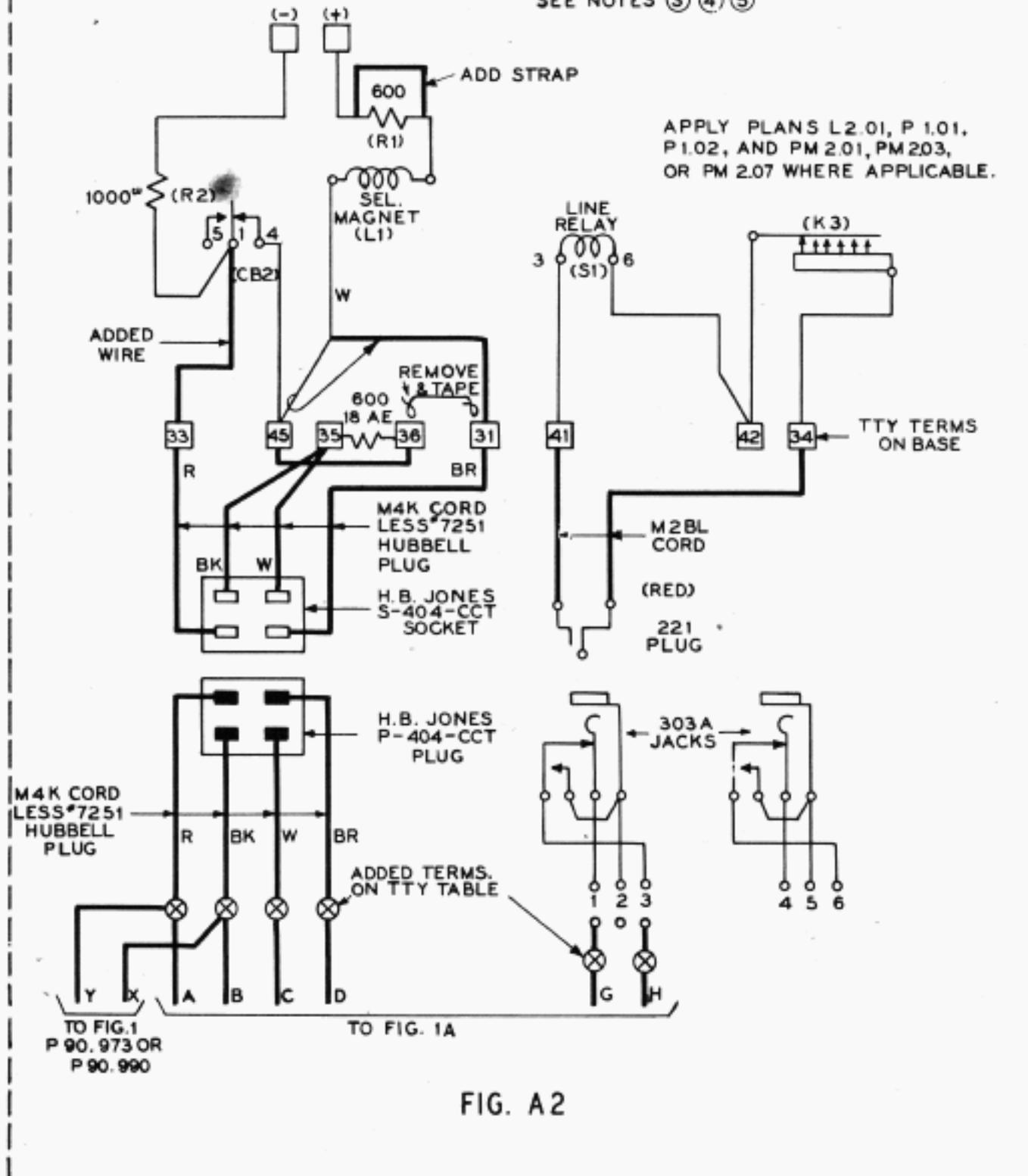


FIG. A2

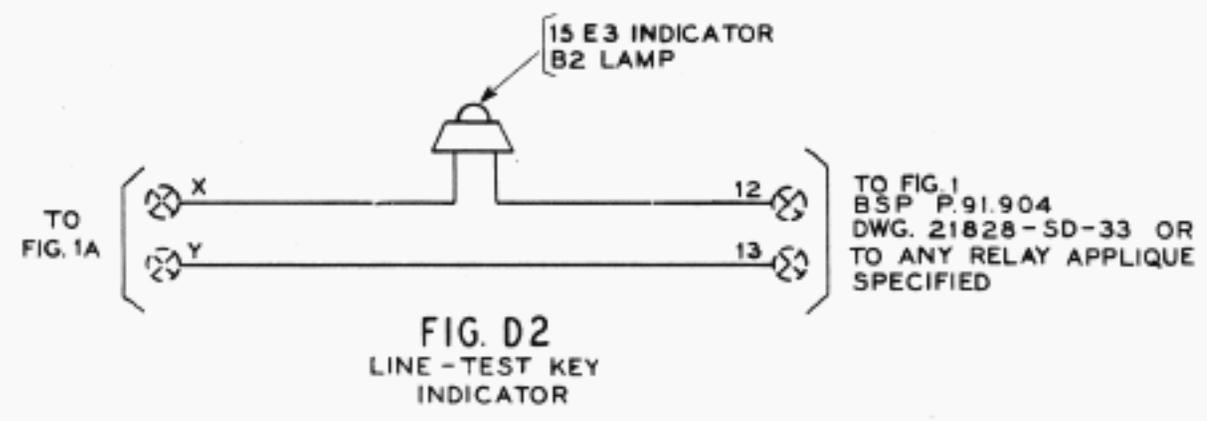
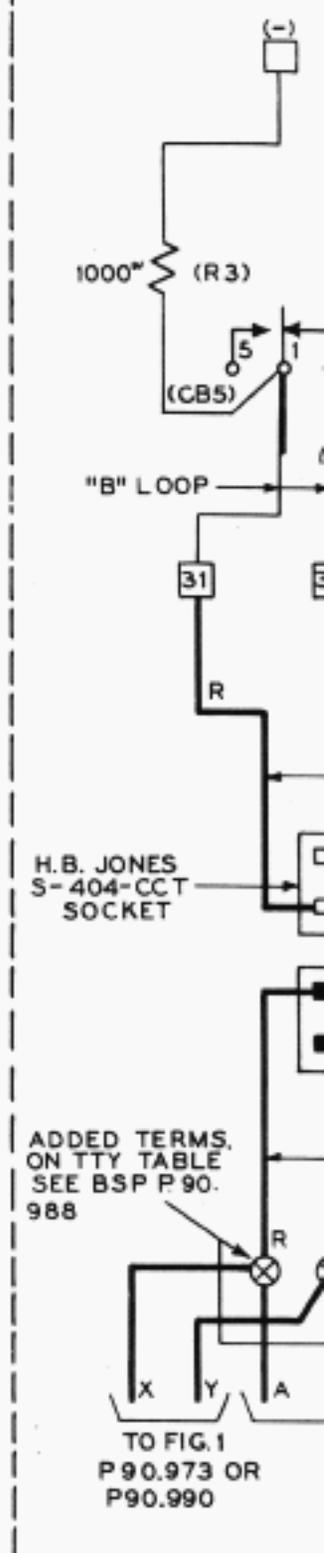
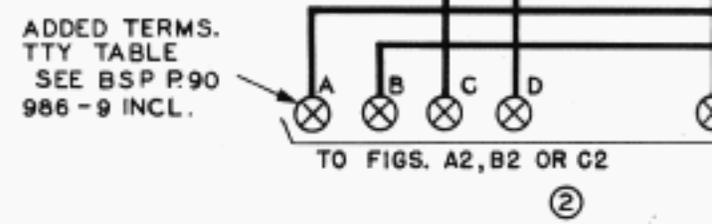


FIG. D2
LINE-TEST KEY
INDICATOR



NO. 15 TYPE TELETYPEWRITER
(15 N TABLE)
SEE NOTES ③ ④

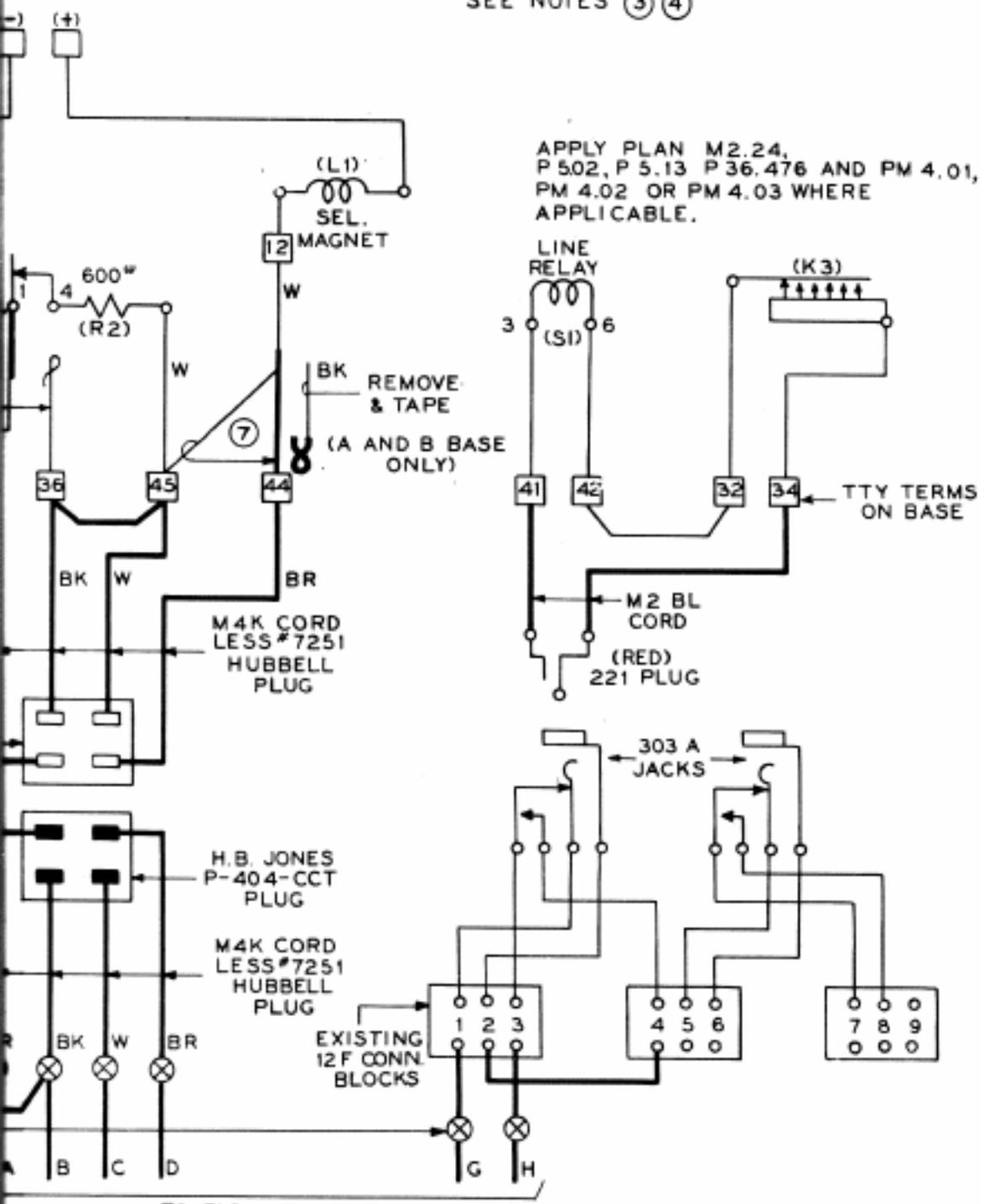


FIG. B2

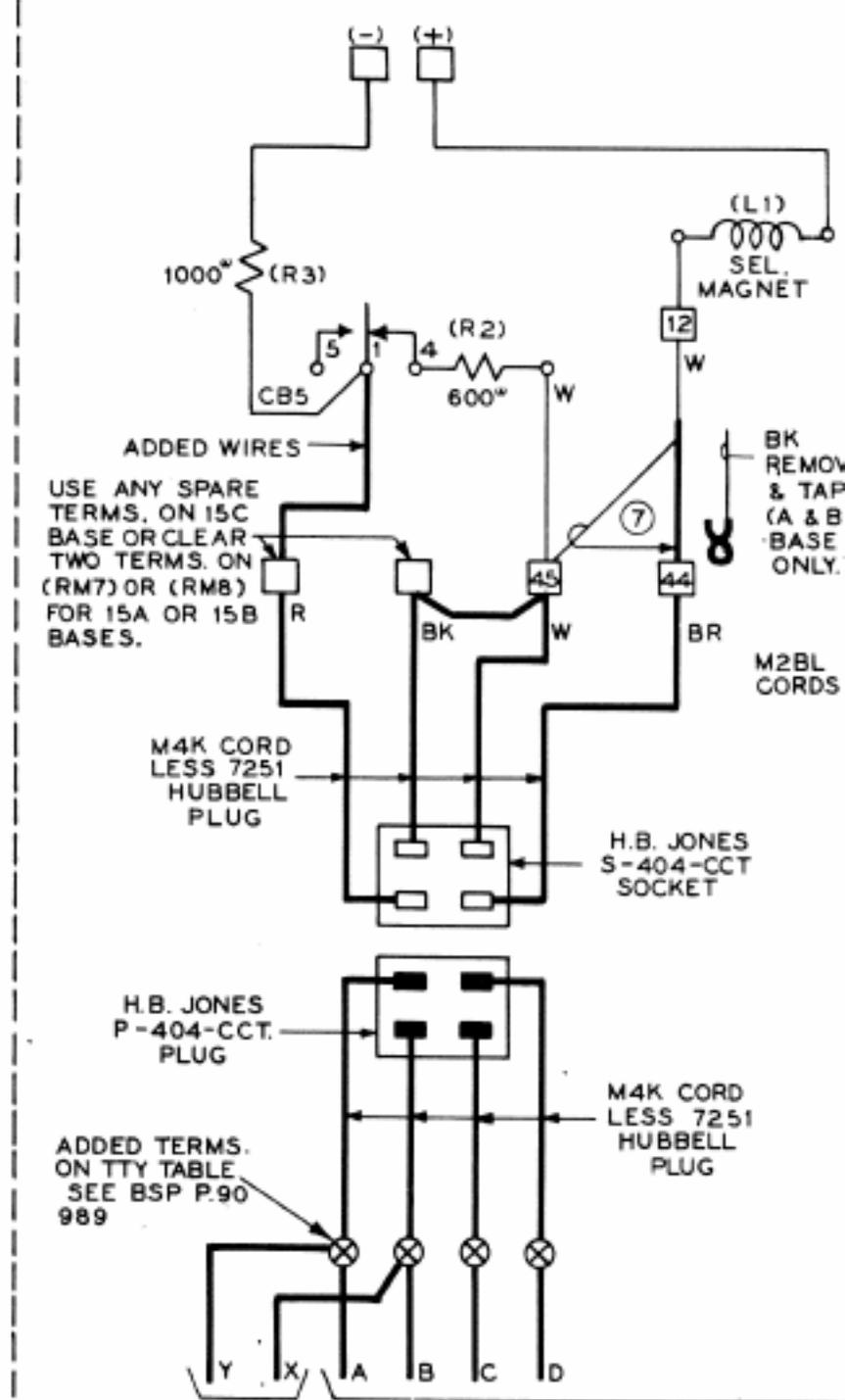


FIG.

EXTERNAL LINE-TEST KEY (SHOWN FOR TEST) O-W-BK

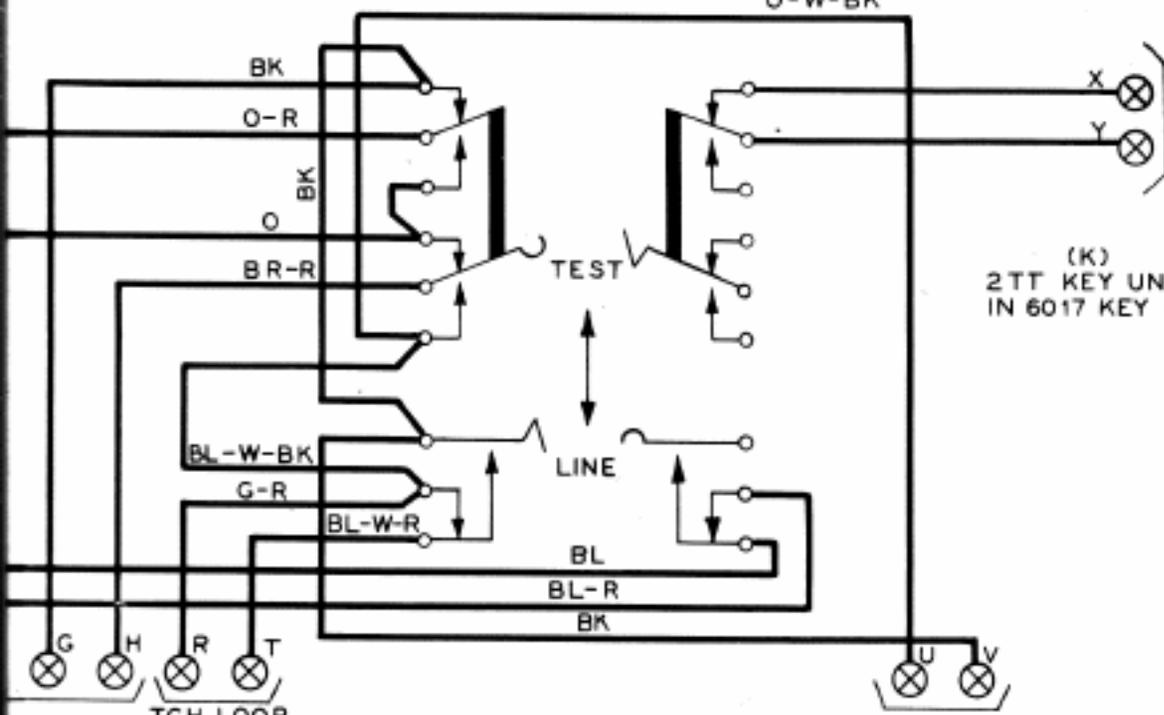


FIG. 1A

① ⑩

- KEY -

- EXISTING WIRES
- REMOVED WIRES
- ADDED OR CHANGED WIRES

ALL WIRING UNLESS OTHERWISE SPECIFIED TO BE 22 GA. INSIDE TELEPHONE WIRING.

THE NO. AS INDICATED IN THE FEATURE

A. WHEN TELETYPE RELAY IS IN THE LINE WILL BE ON* CO

B. WHEN TELETYPE RELAY IS OFF OF THE CONNE

NO. 19 TYPE TELETYPEWRITER (19A TABLE) SEE NOTES ③ ④

APPLY PLAN M2.16 FOR C BASES ALSO
P 6.01 & PM 3.01, PM 3.02 OR PM 3.03
WHERE APPLICABLE.

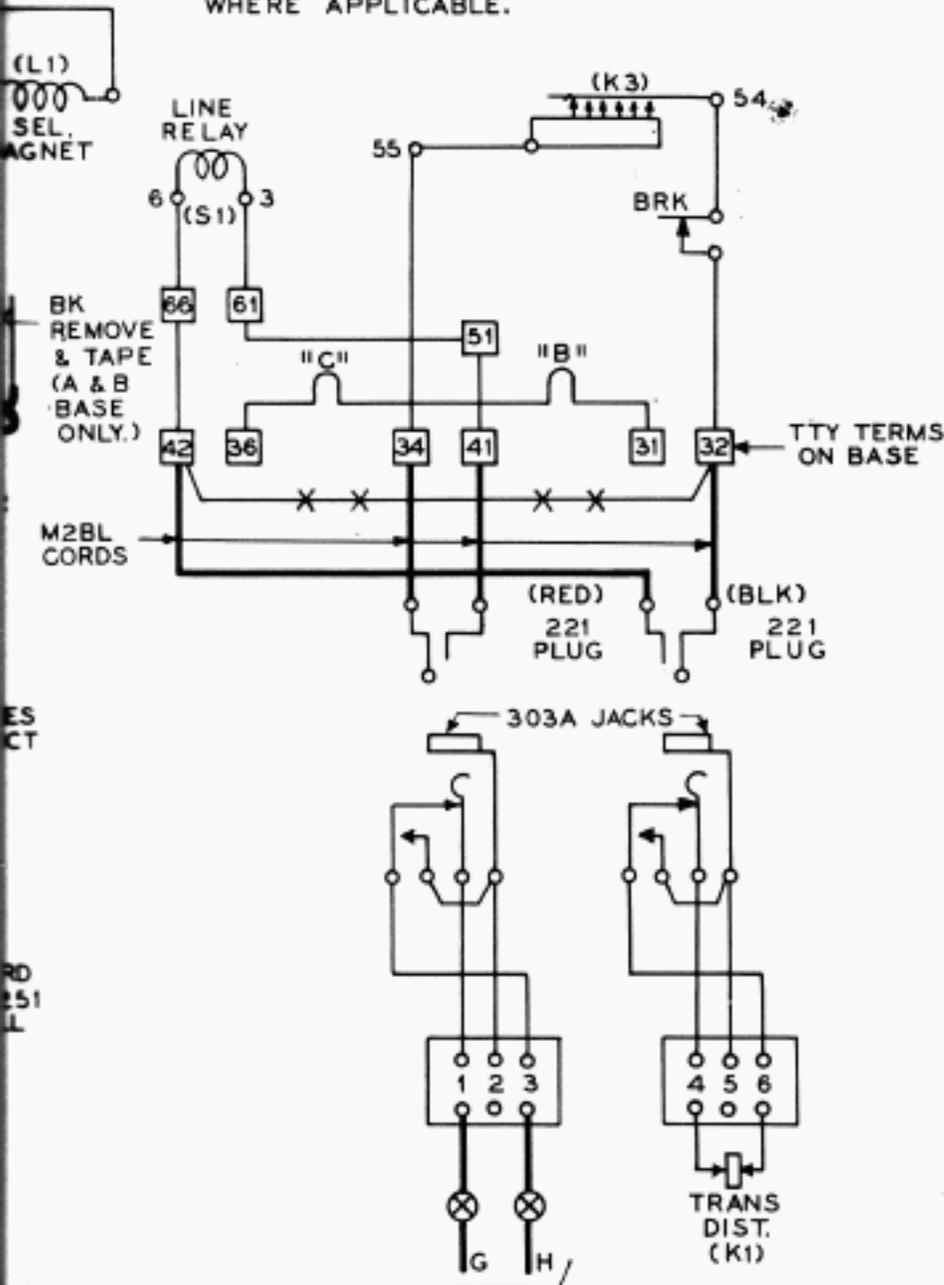


FIG. 1A

FIG. C2

FEATURES

THE NO. 14, 15 OR 19 TYPE TELETYPEWRITER WHEN MODIFIED AS INDICATED ON THIS DRAWING WILL HAVE THE FOLLOWING FEATURES:

1. WHEN EXTERNAL LINE-TEST KEY IS IN "LINE" POSITION: 1 THE TELETYPEWRITER WILL BE INOPERATIVE (KEYBOARD AND LINE RELAY CONTACTS SHORT-CIRCUITED) IF APPLIQUE CIRCUIT IS IN THE "STATION OFF" CONDITION. 2 THE TELETYPEWRITER WILL BE OPERATIVE IF THE APPLIQUE CIRCUIT IS IN THE "STATION ON" CONDITION.
3. WHEN EXTERNAL LINE-TEST KEY IS IN "TEST" POSITION, THE TELETYPEWRITER WILL BE OPERATIVE LOCALLY INDEPENDENT OF THE CONDITION OF THE APPLIQUE CIRCUIT. ALSO, THE LOOP CONNECTION AT THE KEY WILL BE SHORT-CIRCUITED.

NOTES

- 1 KEY TO BE MOUNTED ON 14, 15 OR 19 TYPE TELETYPEWRITER TABLE. KEY TO CONSIST OF 2TT KEY UNIT IN A 6017 KEY BOX. (REFER TO B.S.P. P.90.988 AND P.90.989 FOR MOUNTING ARRANGEMENT ON 15N AND 19A TABLE RESPECTIVELY).
- 2 USE FIG. A B OR C FOR A 14 15 OR 19 TYPE TELETYPEWRITER RESPECTIVELY.
- 3 PLACE BUILT IN PLUNGER TYPE L-T IN LINE CONDITION BY ADDING P-356557 PLUNGER, AND LEVER TYPE KEY BY SHIFTING BLOCKING PAWL.
- 4 USE STANDARD POWER WIRING ARRANGEMENTS FOR 14, 15 AND 19 TYPE TELETYPEWRITERS AND TABLES.
- 5 IF SPARK KILLER IS REQUIRED ACROSS KEYBOARD CONTACTS OF 14 TYPE TTY. PROVIDE SAME BY USE OF APPROPRIATE WAVE SHAPING SET.
7. SHOWN FOR A AND B BASES IN C BASES MOVE RED WIRE FROM TERM 45 TO TERM 44.
10. ADJUST KEY UNIT IN ACCORDANCE WITH BSP B.432.018.
- 11 IF FIG. D IS REQUIRED PROVIDE A 6017AB OR 6017R KEY INSTEAD OF THE 6017E KEY FOR THE 2TT KEY UNIT. THIS IS TO OBTAIN A SUFFICIENT NUMBER OF TERMINALS IN THE KEYBOX. AS AN ALTERNATE INSTALL A 11B CONN. BLOCK ADJACENT TO THE KEY FOR THE ADDED TERMINALS.

MATERIAL

LINE-TEST KEY
1-2TT KEY UNIT (SEE NOTE 10)
1-6017E KEY (DISCARD UNIT) (OMIT IF FIG. D2 IS USED)

FIG. A2 OR B2
1-M2BL CORD
1-221 PLUG (RED)
2-M4K CORDS (DISCARD #7251 HUBBELL PLUGS)
1-H.B. JONES P-404-CCT PLUG
1-H.B. JONES S-404-CCT SOCKET

FIG. C2
2-M2BL CORDS
2-221 PLUG (ONE RED, ONE BLACK)

2-M4K CORDS (DISCARD #7251 HUBBELL PLUGS)
1-H.B. JONES P-404-CCT. PLUG
1-H.B. JONES S-404-CCT. SOCKET

FIG. D2
1-15E3 INDICATOR
1-B2 LAMP
1-6017 AB OR 6017R KEY (DISCARD UNIT) ⑪
1-11B CONN. BLOCK ⑪
1-4G LAMP STANDARD
1-DETAIL 5 PER BSP P90.985

64-C-1 SELECTOR SYSTEM

TELETYPEWRITER MODIFICATIONS AND CONNECTIONS
NO. 14 15 AND 19 TYPE TELETYPEWRITER SETS
WITH EXTERNAL LINE-TEST KEY FOR
USE WITH APPLIQUE PER P.90.990 OR P.90.973
WIRING AND SCHEMATIC