

FIG. 1.

EXTENSION TELEPHONE

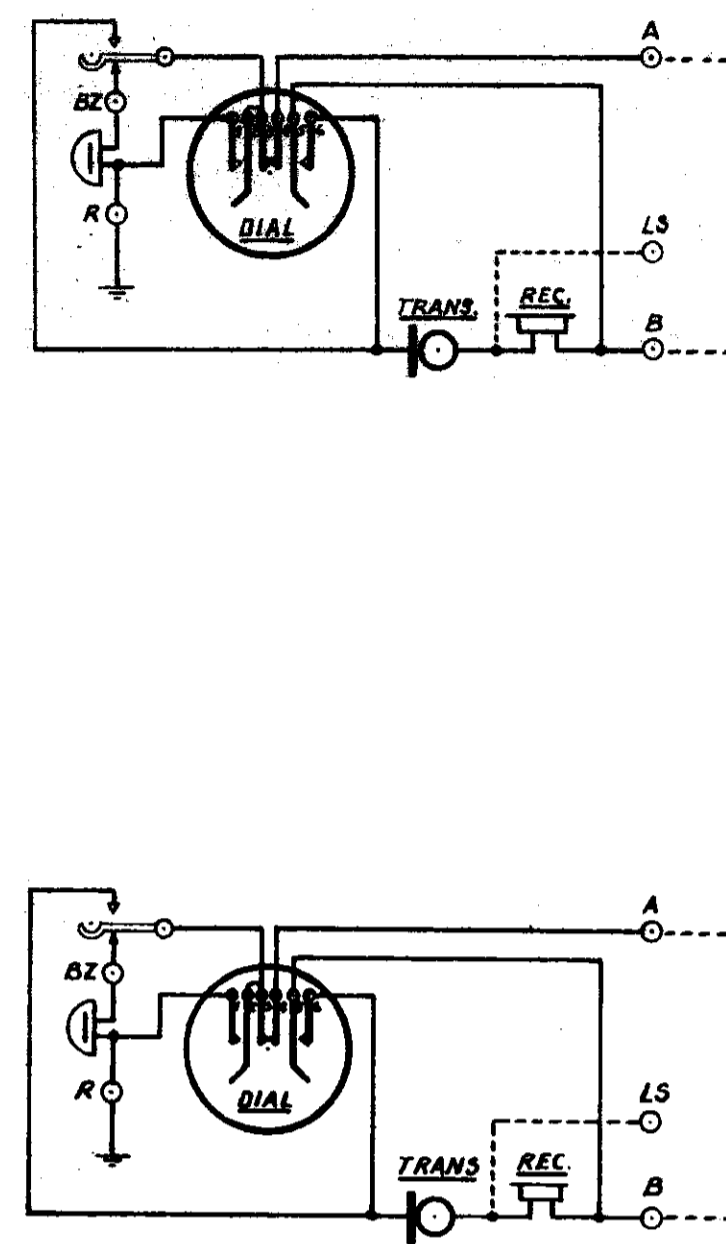
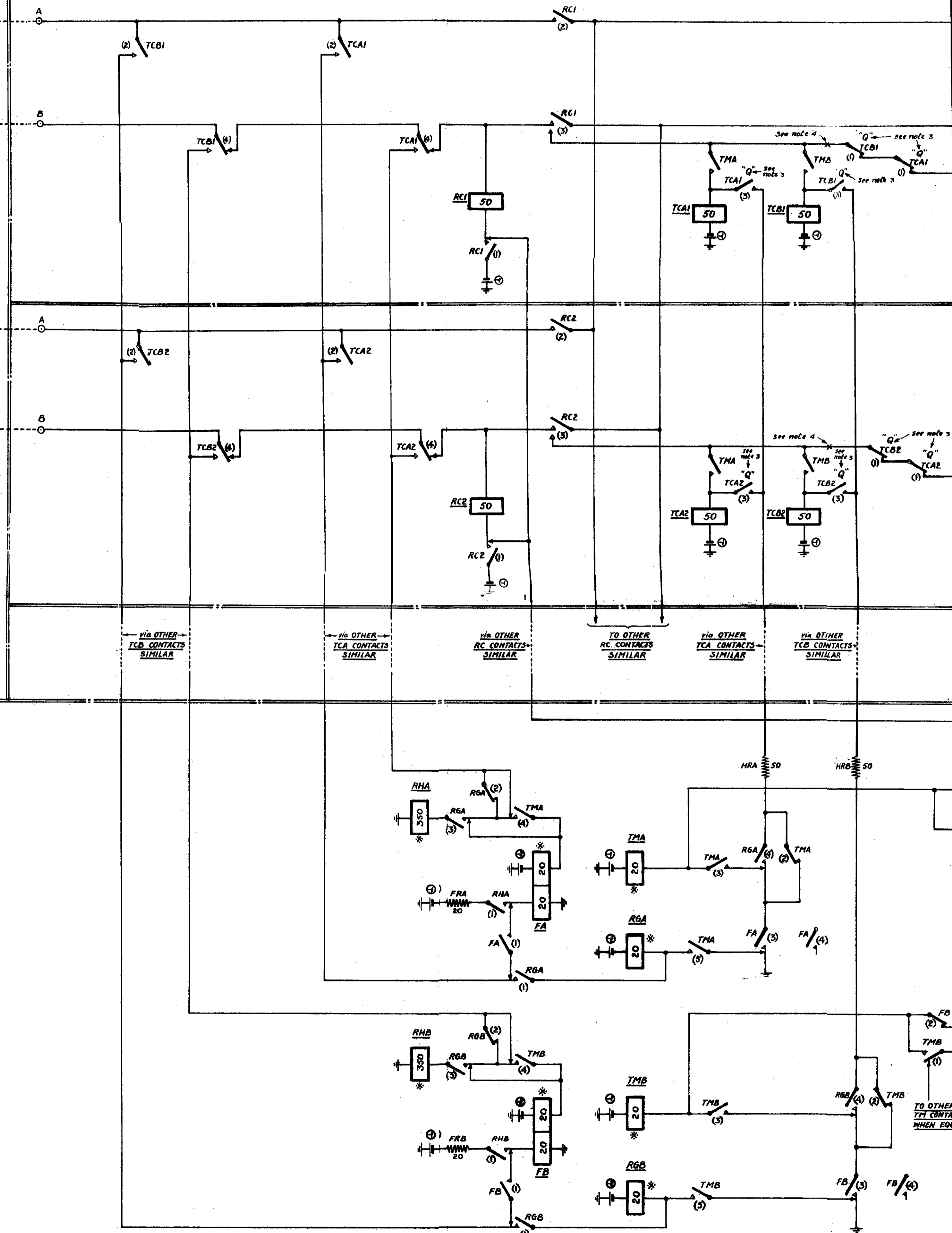


FIG. 2.

SUBSCRIBERS APPARATUS

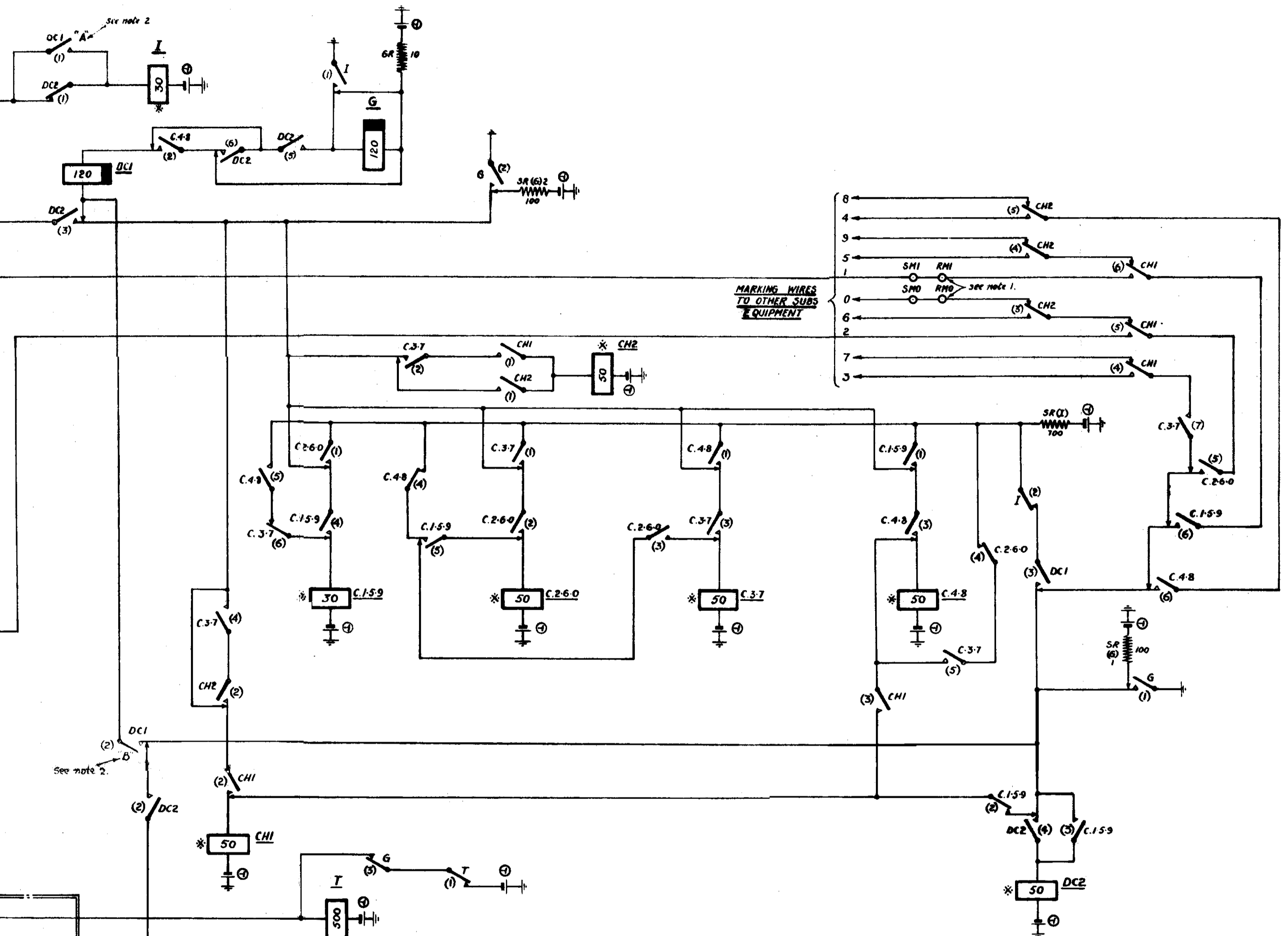


FEEDS

FIG. 4.

FIG. 3.

RECORDER

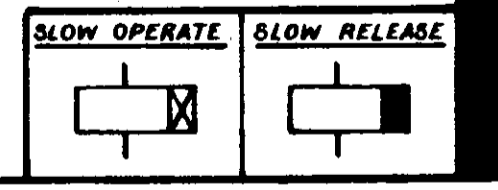


CODE REFERENCE
 TC = TRUNK CONNECTING RELAY.
 TM = TRUNK MARKING RELAY.
 RC = RECORDER CONNECTING RELAY.
 RG = RINGING RELAY.
 RH = RINGING HOLDING RELAY.
 F = CURRENT FEED RELAY.
 T = TESTING RELAY.
 DC = DIGIT CONTROL RELAY.
 G = GUARDING RELAY.
 I = IMPULSE RELAY.
 C = COUNTING RELAYS.
 CH = CHANGE-OVER RELAYS.
 FR = RELAY RESISTANCE.
 GR = G RELAY RESISTANCE.
 HR = HOLDING CIRCUIT RESISTANCE.
 SR(1) = SPARK RESISTANCE (IMPULSING).
 SR(2) = SPARK RESISTANCE (GUARDING).

ALL SLOW RELEASING RELAYS AND RELAYS MARKED THUS * ARE ADJUSTED TO MINIMUM TENSION AND STROKE. RELAYS MARKED THUS † HAVE SPECIAL ADJUSTMENTS AS FOLLOWS:-
 † MINIMUM TENSION .508 MM STROKE.
 ALL OTHER RELAYS ADJUSTED TO NORMAL TENSION AND STROKE.

WHEN CURRENT SUPPLY IS OBTAINED FROM TRANSFORMER AND RECTIFIER UNIT, THE POINTS (1) AND (2) ARE CONNECTED SEPARATELY AS SHOWN ON CIRCUIT DRAWING OF THAT UNIT. WHEN CURRENT SUPPLY IS OBTAINED FROM BATTERY THE POINTS (1) AND (2) ARE CONNECTED TOGETHER TO NEGATIVE OF BATTERY VIA POWER BOARD.

NOTES
 (1) TERMINALS RM AND SM ARE PROVIDED FOR SPECIAL CONNECTIONS WHEN A MASTER STATION IS FITTED ON A PARTIALLY EQUIPPED SWITCHBOARD. (SEE MASTER STATION DIAGRAM).
 (2) CONTACT 'A' SHOULD MAKE BEFORE CONTACT 'B'.
 (3) THE MAKE CONTACTS TO CLOSE BEFORE BREAK CONTACTS PART ON CORRESPONDING 'Q' BANK.
 (4) VIA OTHER TC CONTACTS WHEN EQUIPPED.



RELAY AUTOMATIC EXCHANGE
 No. 10 TYPE SWITCHBOARD
 SCHEMATIC DIAGRAM OF THE RELAY AUTOMATIC TELEPHONE
 COMPANY'S DRG. No. C.9416