

FIG. 1.

EXTENSION TELEPHONE

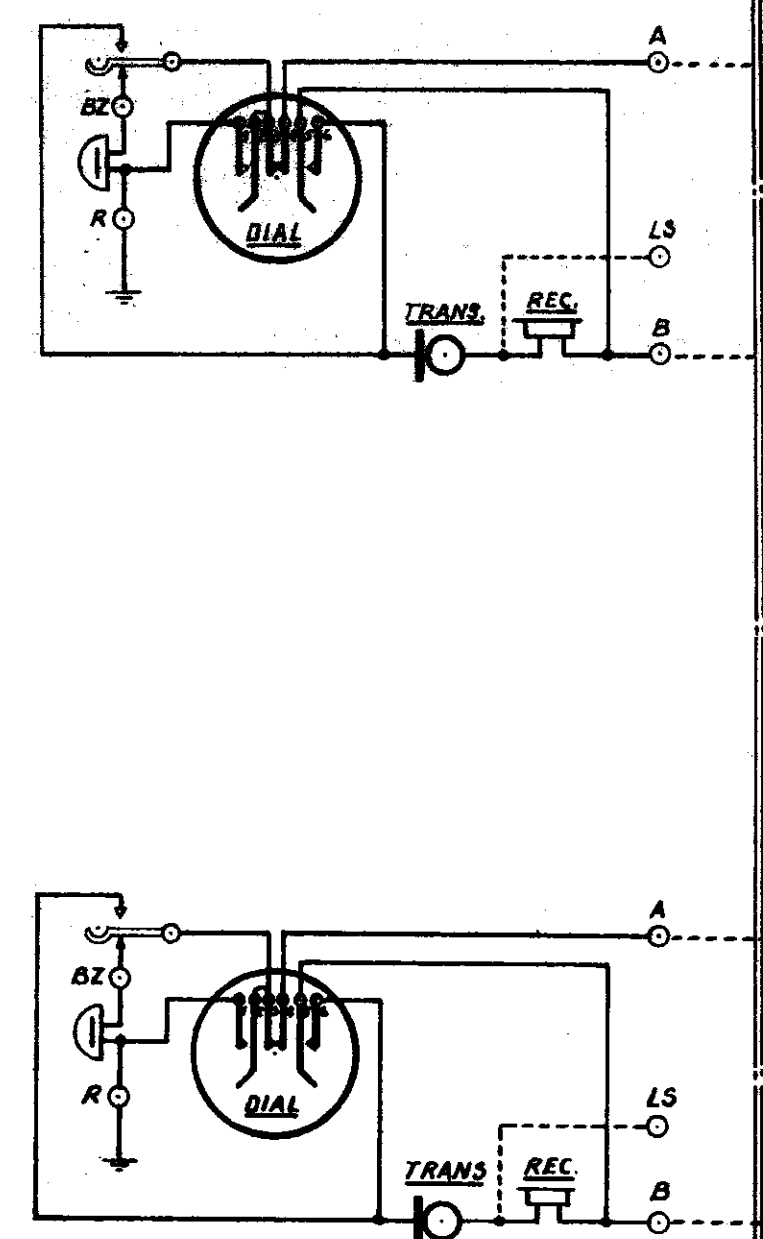
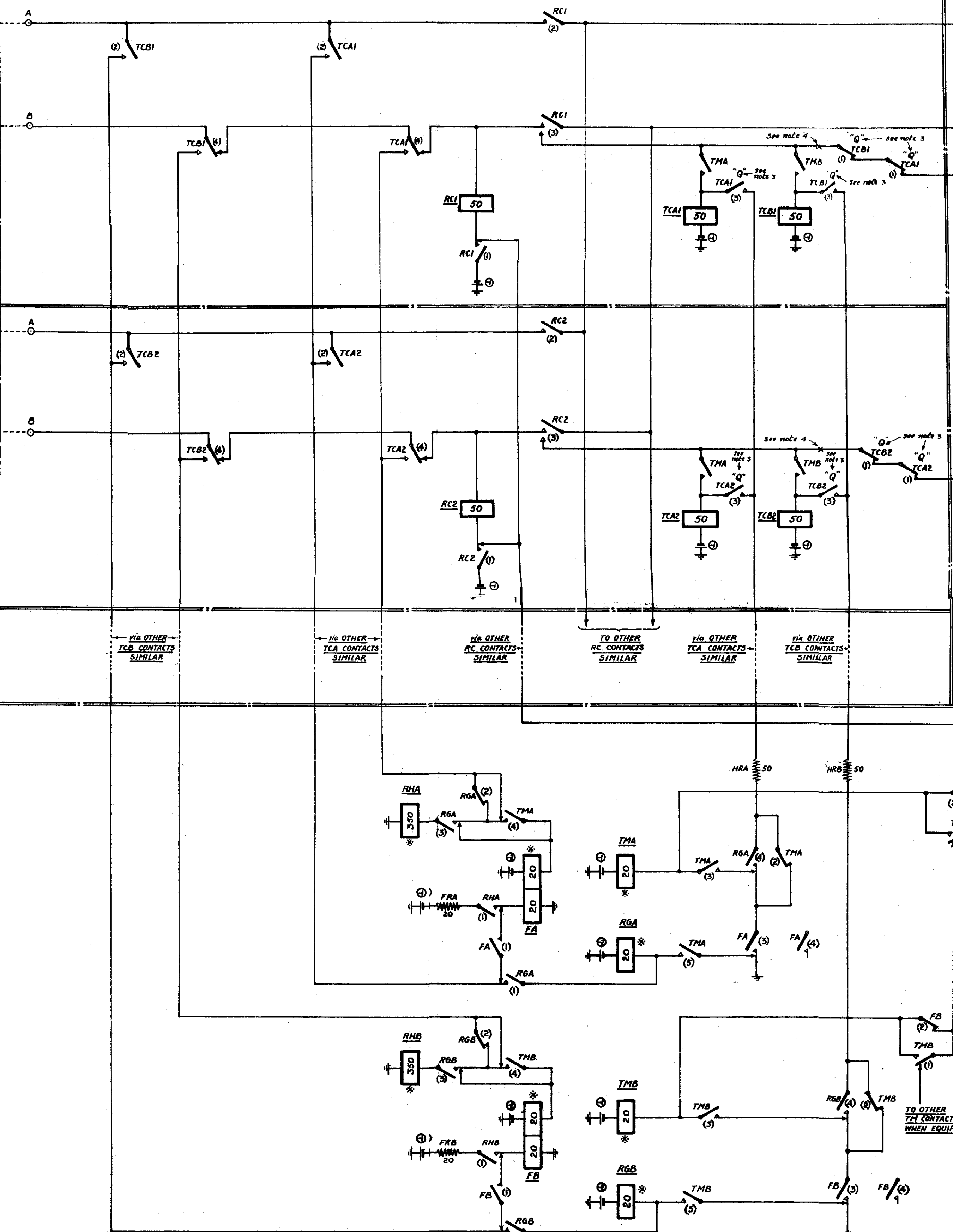


FIG. 2.

SUBSCRIBERS APPARATUS

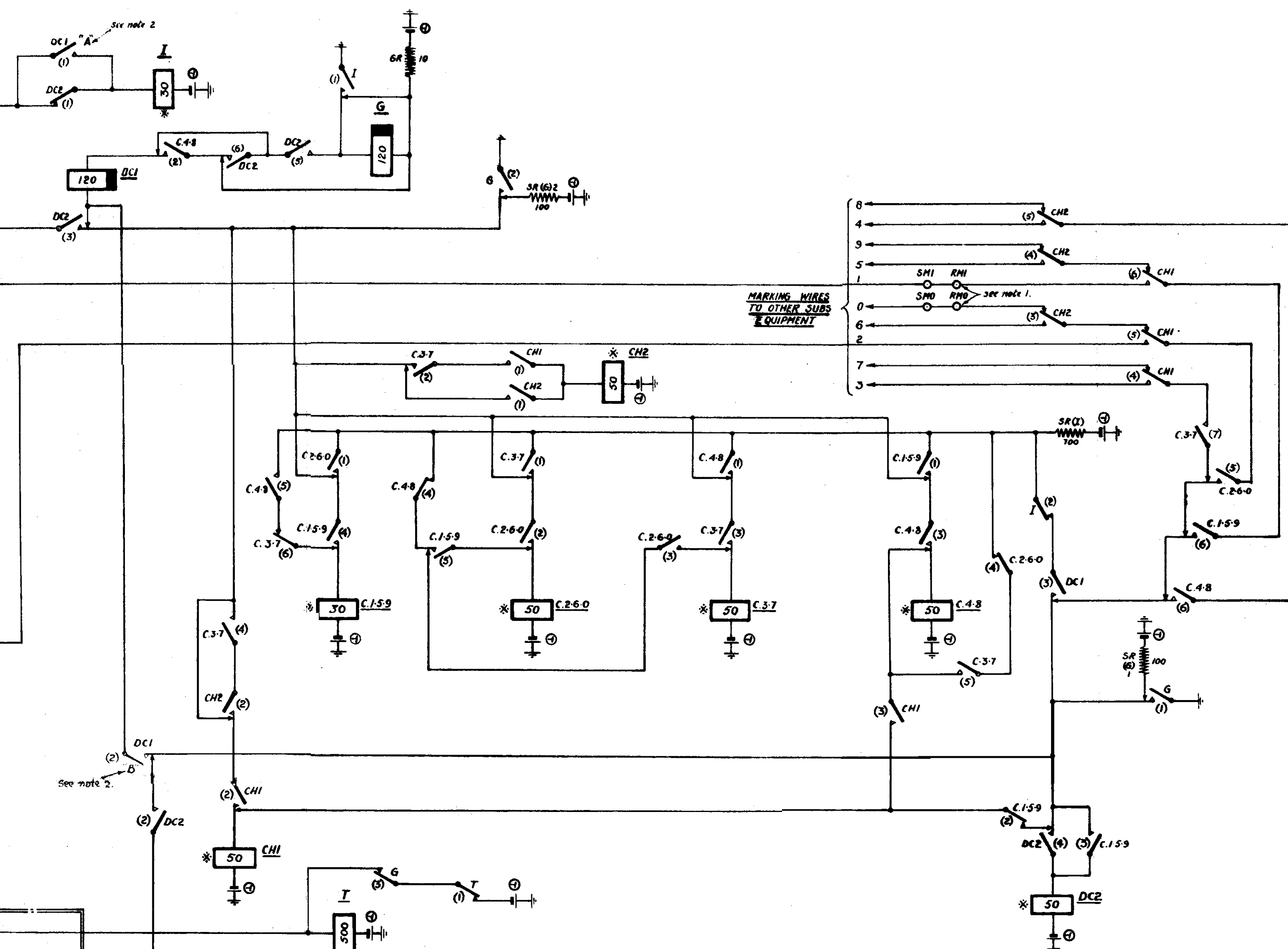


FEEDS

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(5) = SPARK RESISTANCE (GUARDING).

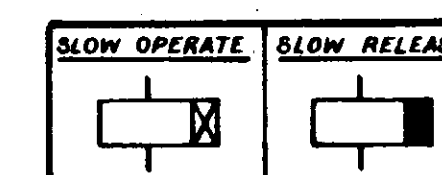
ALL SLOW RELEASING RELAYS AND RELAYS MARKED THUS * ARE ADJUSTED TO MINIMUM TENSION AND STROKE.
 RELAYS MARKED THUS † HAVE SPECIAL ADJUSTMENTS AS FOLLOWS:-
 † MINIMUM TENSION .508 MM. STROKE.
 ALL OTHER RELAYS ADJUSTED TO NORMAL TENSION AND STROKE.

WHEN CURRENT SUPPLY IS OBTAINED FROM TRANSFORMER AND RECTIFIER UNIT, THE POINTS ③ AND ④ ARE CONNECTED SEPARATELY AS SHOWN ON CIRCUIT DRAWING OF THAT UNIT. WHEN CURRENT SUPPLY IS OBTAINED FROM BATTERY, THE POINTS ③ AND ④ 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.

IN USE AT:-
 NEWTON ABBOT



RELAY AUTOMATIC EXCHANGE

No. 10 TYPE SWITCHBOARD

SCHEMATIC DIAGRAM OF THE RELAY AUTOMATIC TELEPHONE
 COMPANY'S DRG. NO. C.9416

DRAWN: 16-12-47
 TRACKED:
 CHECKED:

G.W.R.
 SIGNAL & TELEGRAPH ENGINEERS' OFFICE
 READING

T. 3413