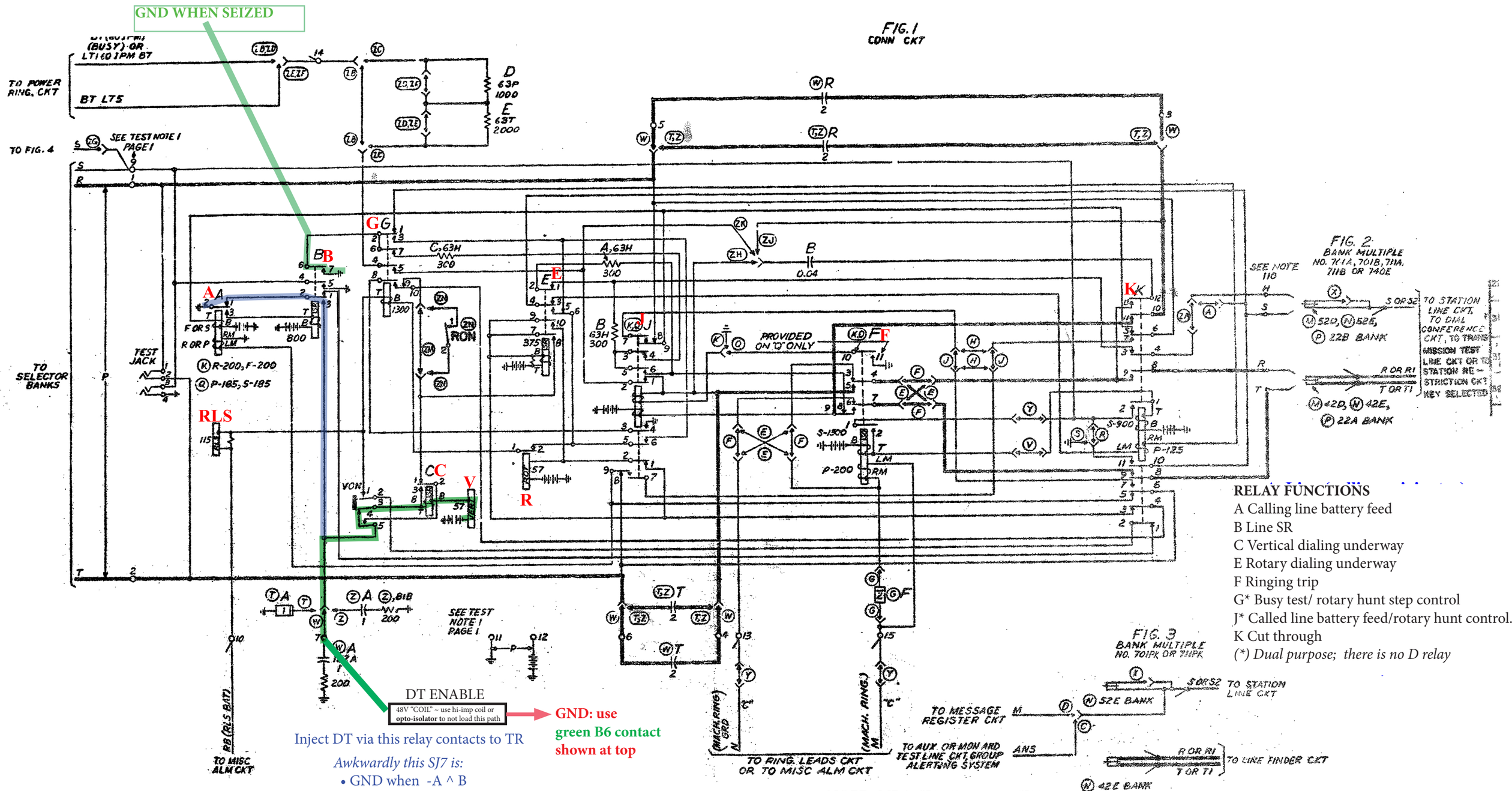
GND WHEN SEIZED
FIG. 1
CONN CKT
TO POWER RING. CKT
BT LT5
TO FIG. 4
SEE TEST NOTE 1 PAGE 1
TO SELECTOR BANKS
TEST JACK
R-200, F-200
P-185, S-185
RLS
RON
VON
C, 63H 300
A, 63H 300
B 63H 300
B 0.04
PROVIDED ON "Q" ONLY
S-1500
P-200
S-900
P-125
FIG. 2
BANK MULTIPLE
NO. 701A, 701B, 711A, 711B OR 740E
SEE NOTE 110
TO STATION LINE CKT, TO DIAL CONFERENCE CKT, TO TRANSMISSION TEST LINE CKT OR TO STATION RESTRICTION CKT KEY SELECTED
22B BANK
22A BANK
FIG. 3
BANK MULTIPLE
NO. 701PK OR 711PK
TO STATION LINE CKT
TO LINE FINDER CKT
42E BANK
TO MISC ALM CKT
TO RING. LEADS CKT OR TO MISC ALM CKT
TO MESSAGE REGISTER CKT
TO AUX. OR MON. AND TEST LINE CKT, GROUP ALERTING SYSTEM
DT ENABLE
48V "COIL" ~ use hi-imp coil or opto-isolator to not load this path
GND: use green B6 contact shown at top
Inject DT via this relay contacts to TR
Awkwardly this SJ7 is:
• GND when -A ^ B
• 100* ohms to -48V when A ^ B ^ VONidle
The coil should pull in when it has the green path to -48V
... and gets GND from B6, but added realy coil needs to be >=5K ohms
(in order not to disturb original operation)
* C+VERT in series (57 + 8 ohms, call it 100)
NOTE: MR is SJ15 (instead of SJ22) because there are only 16 SJ pins for a PBX connector
RELAY FUNCTIONS
A Calling line battery feed
B Line SR
C Vertical dialing underway
E Rotary dialing underway
F Ringing trip
G* Busy test/ rotary hunt step control
J* Called line battery feed/rotary hunt control.
K Cut through
(*) Dual purpose; there is no D relay