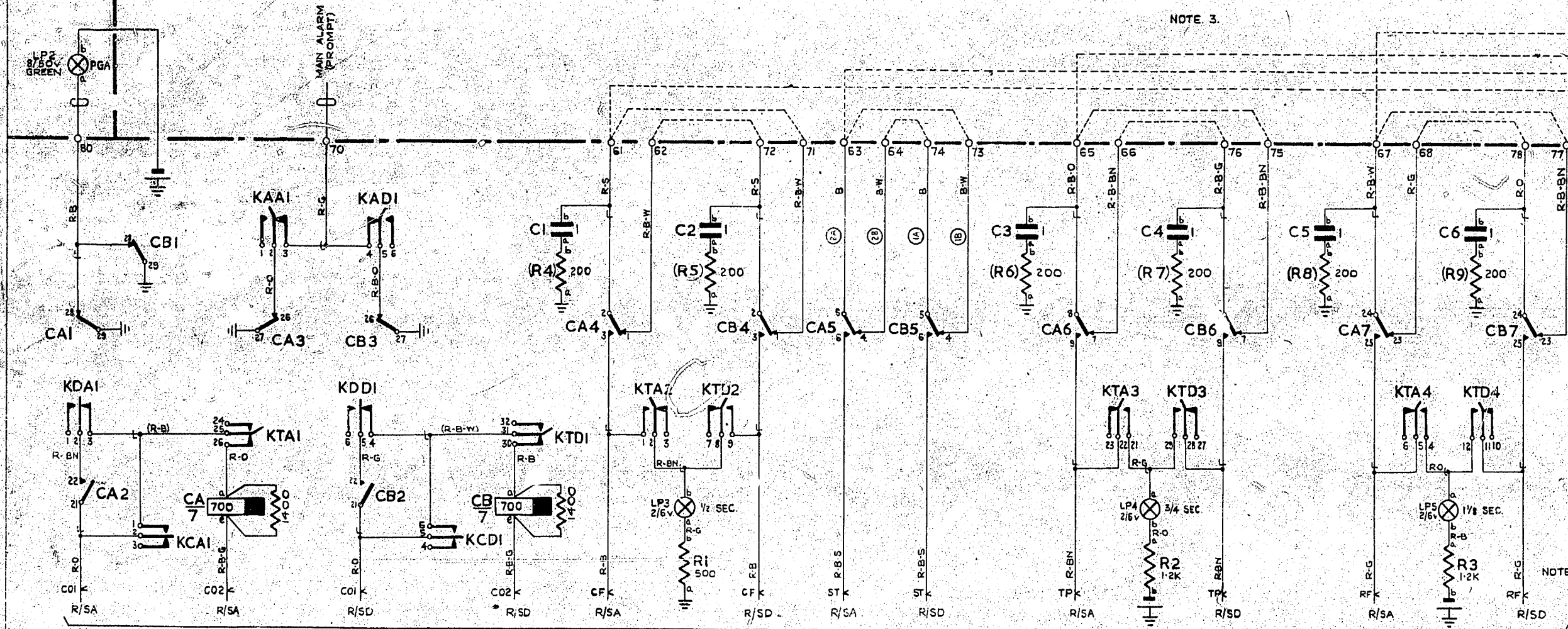


- NOTES**
- UNLESS OTHERWISE SPECIFIED TERMLS. ARE ON MISC. STRIP. CONN.
  - FOR TERMINATION OF COMMON SERVICES SEE ASSOCIATED SHELF JACK DIAGRAMS.
  - STRAPPING BETWEEN TERMLS. IS TYPICAL ONLY. SEE DIAGRAM NOTES GBW 12360.
  - WHEN MANUAL 2.V.F. ROUTINER IS NOT FITTED FIG. 18A WILL NOT BE SPECIFIED AND CONNECTIONS SHOWN THUS ~~---X---~~ WILL REPLACE THOSE SHOWN ~~---X---~~ ON 1ST RACK ONLY.
  - CONNECTION TO 2.V.F. M.A.R. REQUIRED IN SIEMENS N916 EXCHANGES ONLY.
  - ALL WIRING NOT OTHERWISE SPECIFIED TO BE 20 SWG. PLATE WIRING TO BE 23 OR 25 SWG. WHEN 25 SWG. IS USED COLOURS SHOWN IN BRACKETS ARE TO BE DISREGARDED.
  - POT. METER RV1 (& RV2) ADJUSTED FOR RELEASE LAG ON RELAY AR (& AT) OF 2.0-3.0 SECS.
  - FIGS. 6A & 7A ARE REQD. FOR USE ON STANDARD SLEEVE CONTROL TYPE EXCHS. ONLY, BUT ARE EQUIPPED ON 2.V.F. TOLL LINE CCT. RACKS IN EXCHS. OF ALL TYPE.

CONT. N <sup>o</sup>	SPRING N <sup>o</sup>	WIRE COLOURS, RELAYS		
		FLA	FLB	FLC
1	1-2	R-G	R-G	R-G
2	3-4	R-S	R-S	R-S
3	5-6	R-BK	R-BK	R-BK
4	21-22	R-B-W	R-B-W	R-B-W
5	23-24	R-B-O	R-B-O	R-B-O
6	25-26	R-B-G	R-B-G	R-B-G
7	27-28	R-B-S	R-B-S	-

SLOW RELEASE		SLOW OPERATE	
RACK COMMON SERVICES			
2.V.F. TOLL LINE CIRCUIT RACKS			
AMENDMENT PARTICULARS		ISSUE DATE	APP.
DRAWN		CHECKED	WIRING CIRCUIT
GBW 12380			
SHEET 1-3			

**FIG. 10B**  
1 PER 'A' RACK



**FIG. 10. PULSE GENERATOR CONTROL & ALARM**

NOTE 3.

**FIG. 10A**  
1 PER 'A' RACK

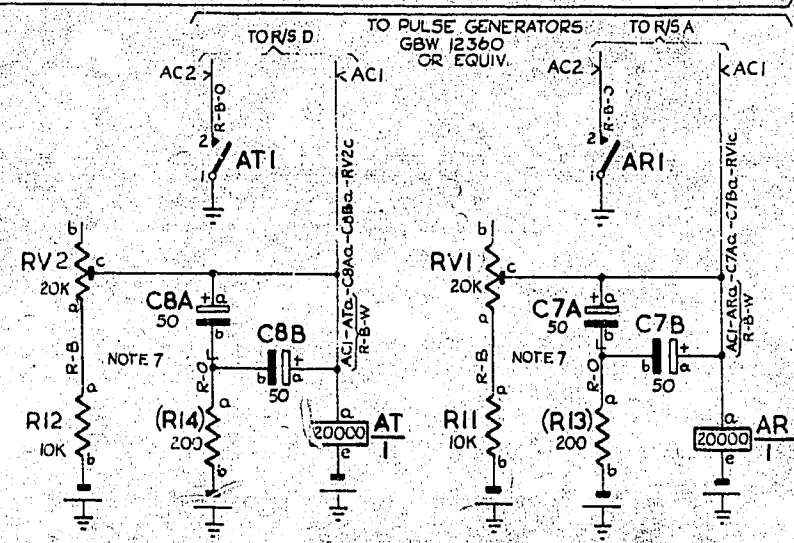
KAA2 KAD2 KCA2 KCD2 KDA2 KDD2



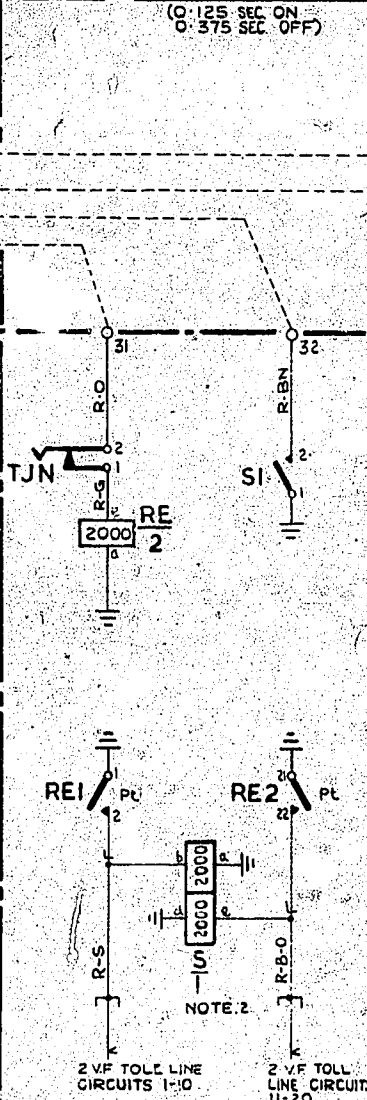
TEST 'A' (KTA)	TEST 'D' (KTD)
CONNECT 'A' (KCA)	CONNECT 'D' (KCD)
DISCONNECT 'A' (KDA)	DISCONNECT 'D' (KDD)
ALARM DISC. 'A' (KAA)	ALARM DISC. 'D' (KAD)

BATT. V. FUSE (R1)  
ETH. R. ETH. BAR (R2)

LP2b  
R2b - R3b - ARc - R13b - R11b - ARc - R14b - R12a  
- R1a - R4a - R5a - R6a - R7a - R8a - R9a - CA27  
- CA29 - CB27 - CB29 - ARI - AT1



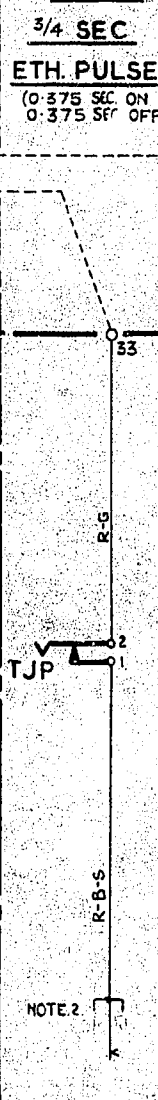
**FIG. 11. 1/2 SEC. ETH. PULSE**  
(0.125 SEC ON  
0.375 SEC OFF)



**FIG. 11A**  
1 PER RACK

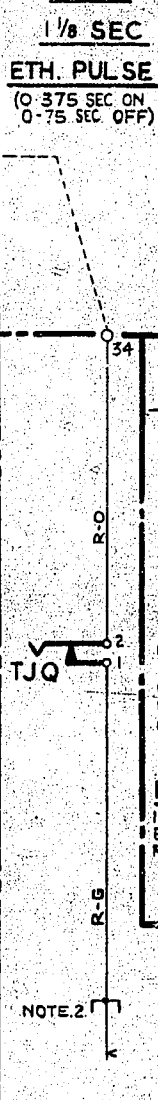
ETH. BAR R-5a - 5d - SI - RE21 - REa - RE1.

**FIG. 12**  
3/4 SEC  
ETH. PULSE  
(0.375 SEC ON  
0.375 SEC OFF)



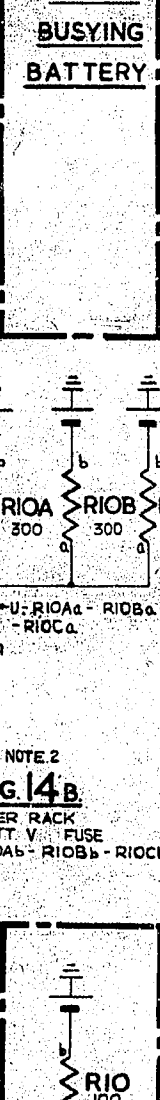
**FIG. 12A**  
1 PER RACK

**FIG. 13**  
1/8 SEC  
ETH. PULSE  
(0.375 SEC ON  
0.75 SEC OFF)



**FIG. 13A**  
1 PER RACK

**FIG. 14**  
BUSYING  
BATTERY



**FIG. 14A**  
1 PER RACK

BATT. V. FUSE - RIOB

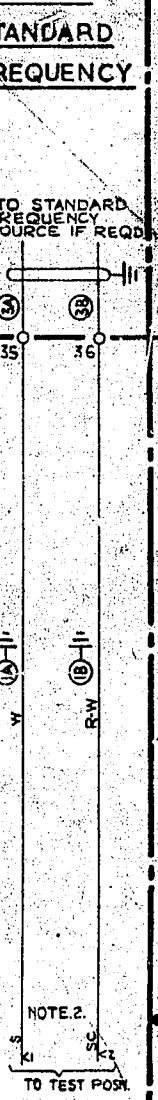
**FIG. 15**  
POSITIVE  
BATTERY



**FIG. 15A**  
1 PER RACK

(SLEEVE CONTROL EXCHANGES)

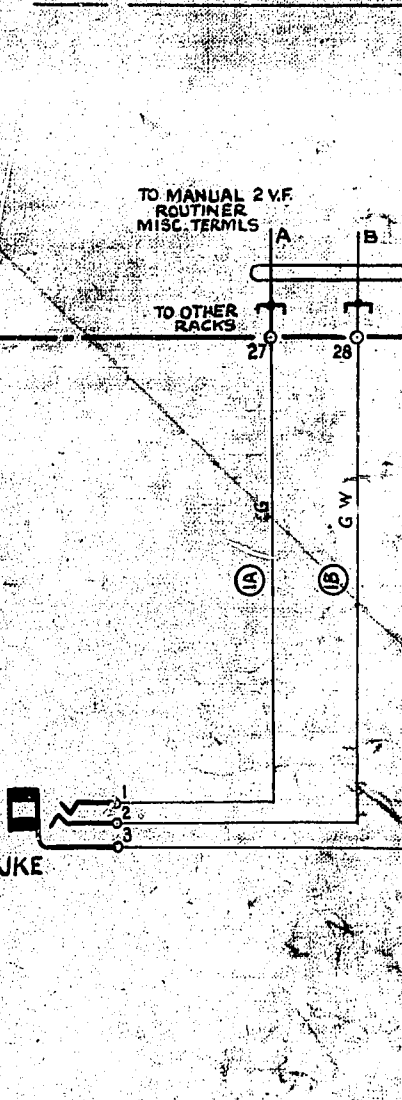
**FIG. 16**  
STANDARD  
FREQUENCY



**FIG. 16A**  
1 PER EXCH.

(SLEEVE CONTROL EXCHANGES)  
FIRST 'A' RACK SCREENED WIRE TO BE EARTHED AT TEST POSN.

**FIG. 17 ROUTINE TEST JACK**



**FIG. 17A**  
1 PER RACK

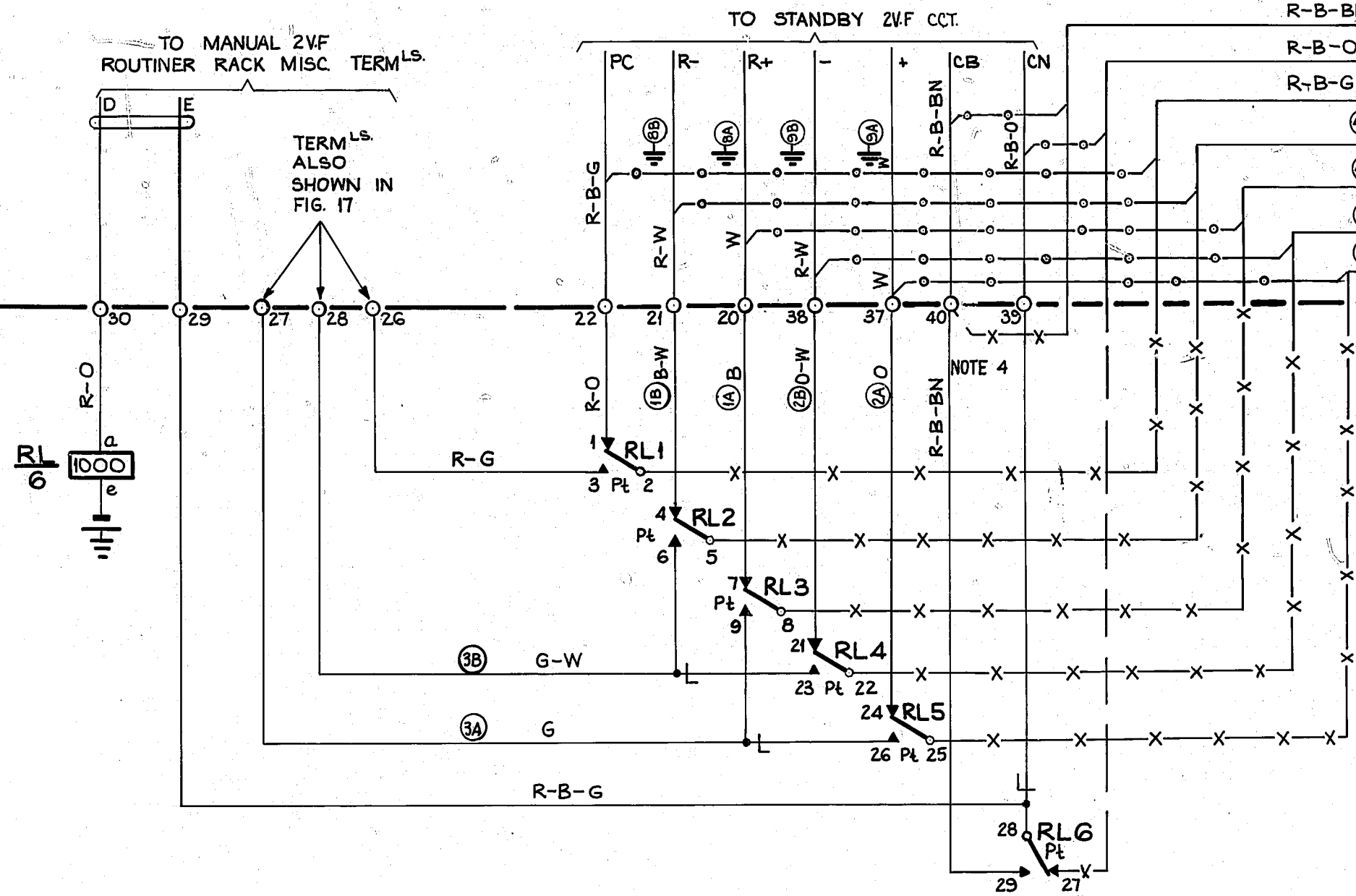
WHEN MANUAL ROUTINER IS REQD.

REPLACEMENT TCG INCORP. (83758)	4	28-1-75	BSH
BATT. WIRING COLOURS AMENDED	4	9-10-65	
WIRING COLOURS AMENDED FIGS. 11 & 12	3	28-7	
JKE (FIG. 17) WAS A 2 POINT JACK	1	17-7-59	
AMENDMENT PARTICULARS			ISSUE DATE APPR
GEC-AET			50V/5
DRAWN CHECKED WIRING CIRCUIT			GBW 12380
SHEET			

RACK COMMON SERVICES  
2.VF TOLL LINE CIRCUIT  
RACKS

Centimetres

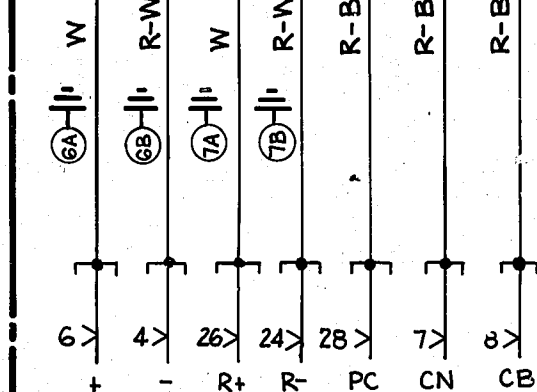
**FIG. 18. ROUTINE TEST CONNECTIONS.**



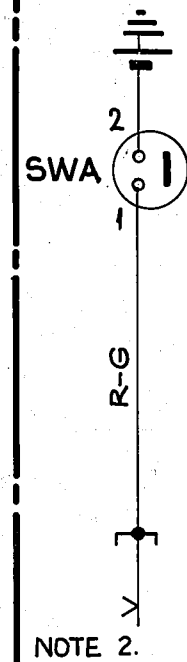
**FIG 18 A. NOTE 4.**  
 1 PER EXCH.  
 MTD. ON FIRST RACK  
 WHEN MANUAL ROUTINER IS REQ<sup>D</sup>.

BATT. V FUSE RL<sub>e</sub>.

**FIG 18 B. NOTE 4.**  
 1 PER RACK.

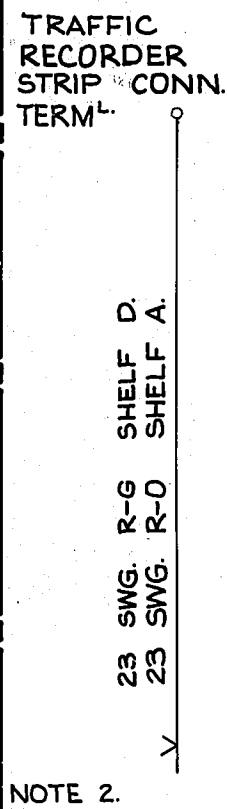


**FIG 19. LAMP SWITCH BATTERY**



**FIG 19 A.**  
 1 PER RACK  
 BATT. V FUSE. SWA.2.

**FIG 20. TRAFFIC RECORDER.**



**FIG 20 A.**  
 1 PER 2VF CCT.



**RACK COMMON SERVICES.**  
 2VF. TOLL LINE CIRCUIT RACKS

RETRACED	(86541)	4	21-9-70	C.J.W.
BATT. WIRING COLOURS AMD	(86380)	4	19-11-69	R.W.
CABLING SYMBOLS AMD	(30442)	3	16-6-54	C.W.H.
AMENDMENT PARTICULARS.			ISSUE DATE	APPD
NZPO			SIZE	S 50V S
25	DRAWN P	CHECKED F.J.O.	WIRING A.J.A	CIRCUIT E.W.D

GBW 12380