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SD-69076-01-A1

- ## SUPPORTING INFORMATION

14

REPLACING SD-69079-01

SD- 69076-01

STATION SYSTEMS

KEY EQUIPMENT NO. 101A, 101B, OR 102A
AND SWITCHING SYSTEM NO. 302,
LINE CIRCUIT, OR
RINGDOWN TIE LINE CIRCUIT

(LINE OR RD TL) OR (AUTO. LINE)

DWG. NO.
35

AT&TCO
STANDARD

SD-69076-01-A1

SHEET INDEX
8 SHEETS

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SD-69076-01-B

— D-127

FIG. 2
FLASHING START

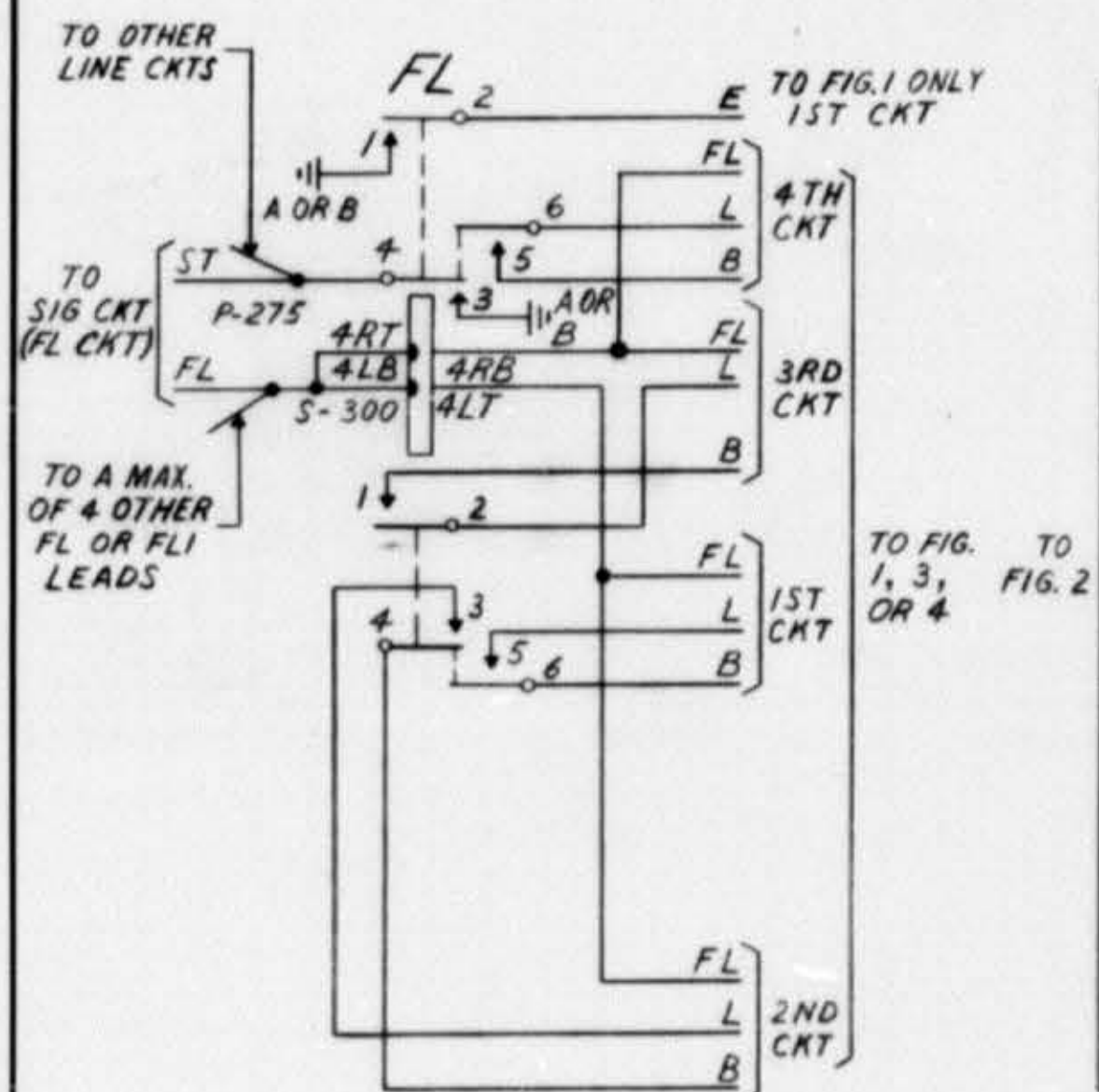


FIG. B (A&M ONLY)
MODIFICATION TO
REDUCE ACOUSTIC
DISTURBANCES

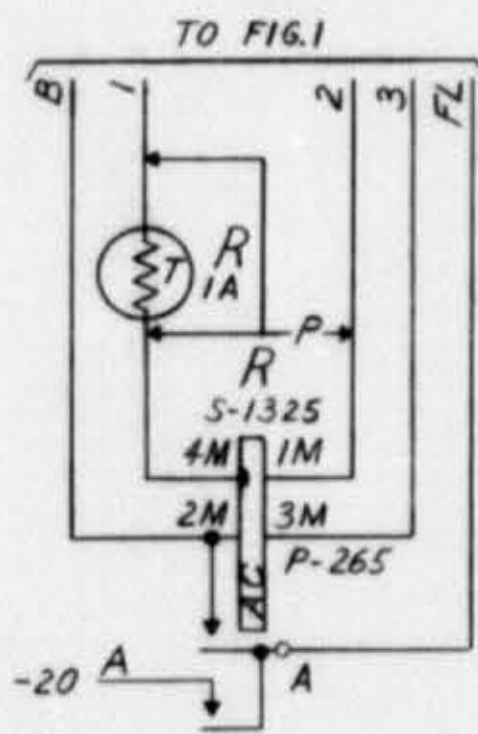
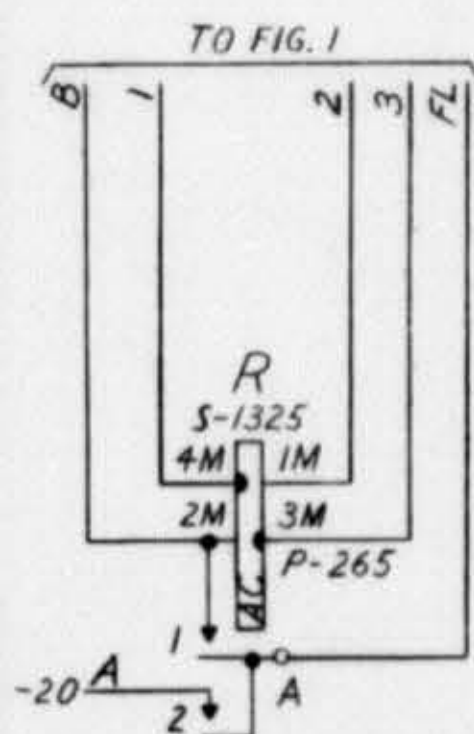


FIG. 5
AUTOMATIC CUTOFF
CONTROL CMT

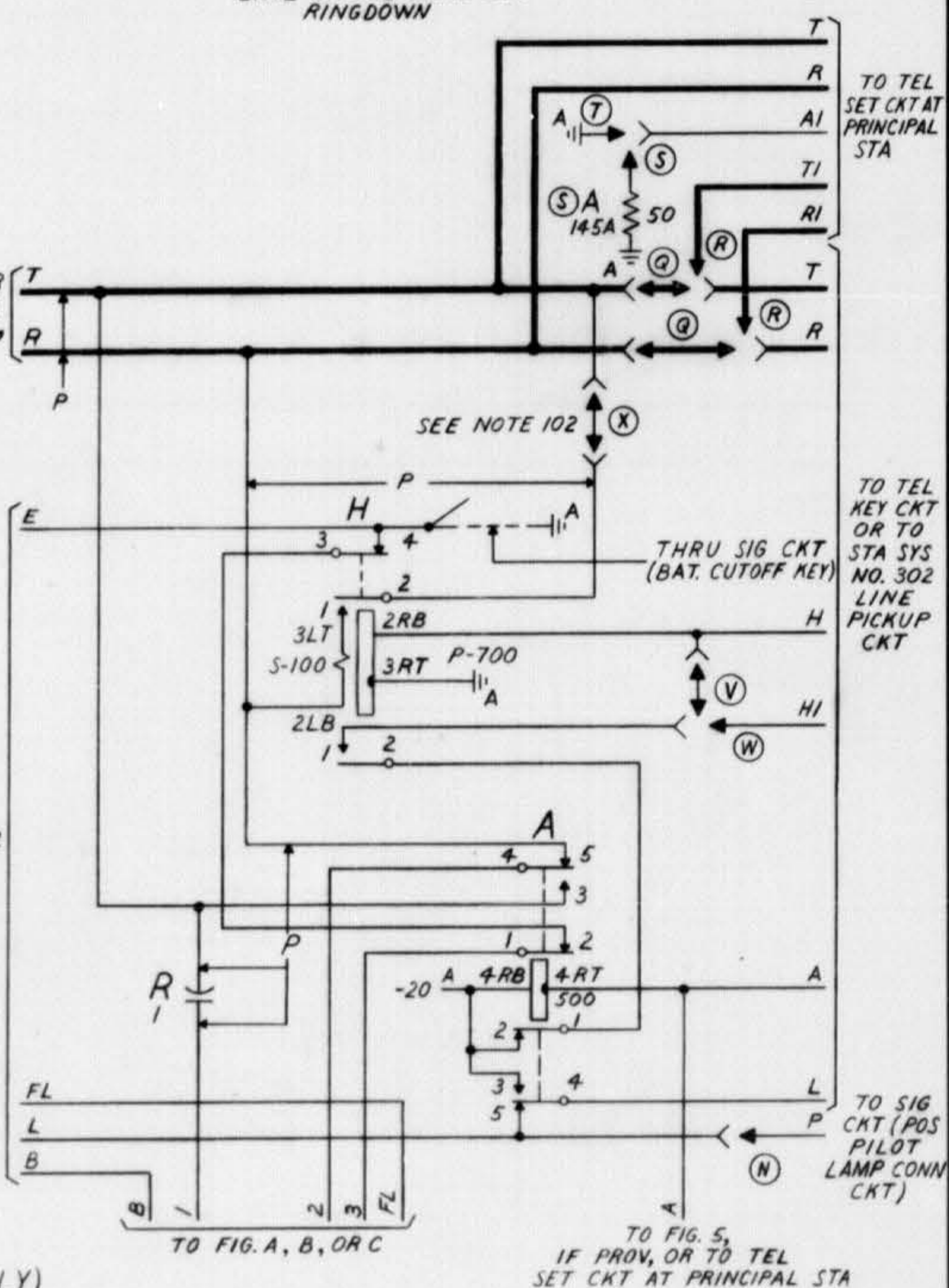
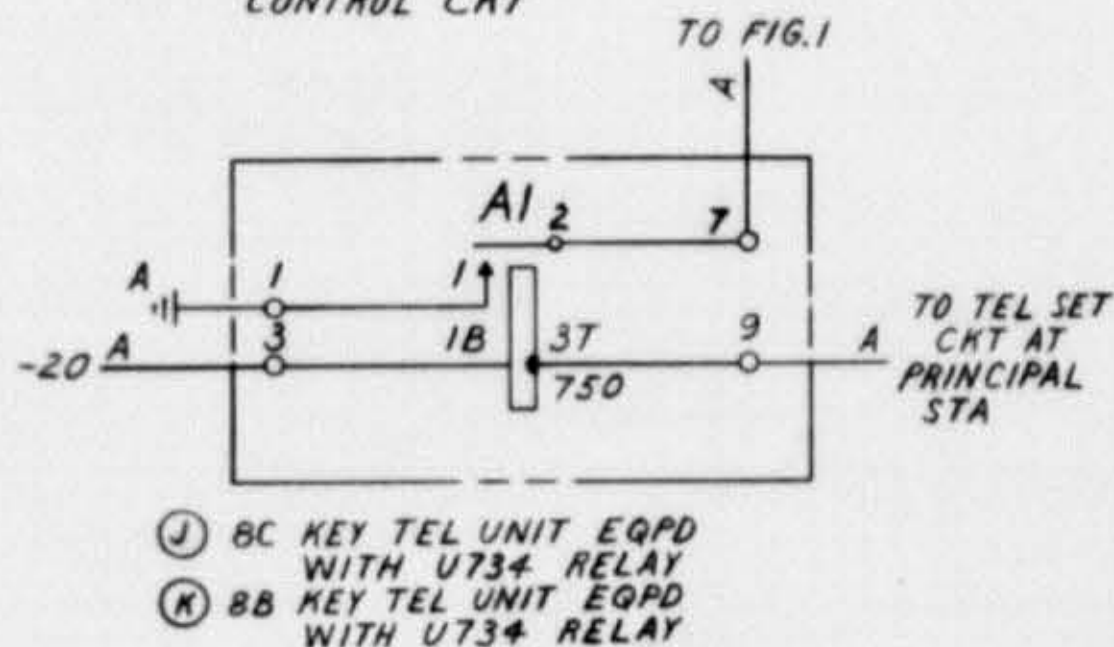


FIG. C

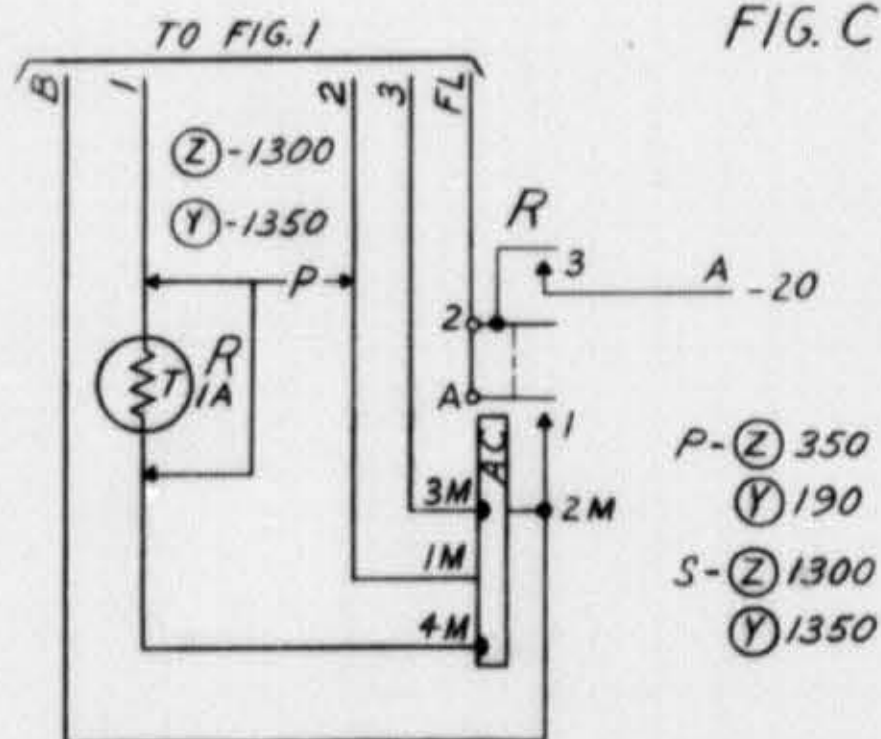


FIG. 3 (MFR DISC.)
LINE CKT
AUTOMATIC
SEE NOTE 104

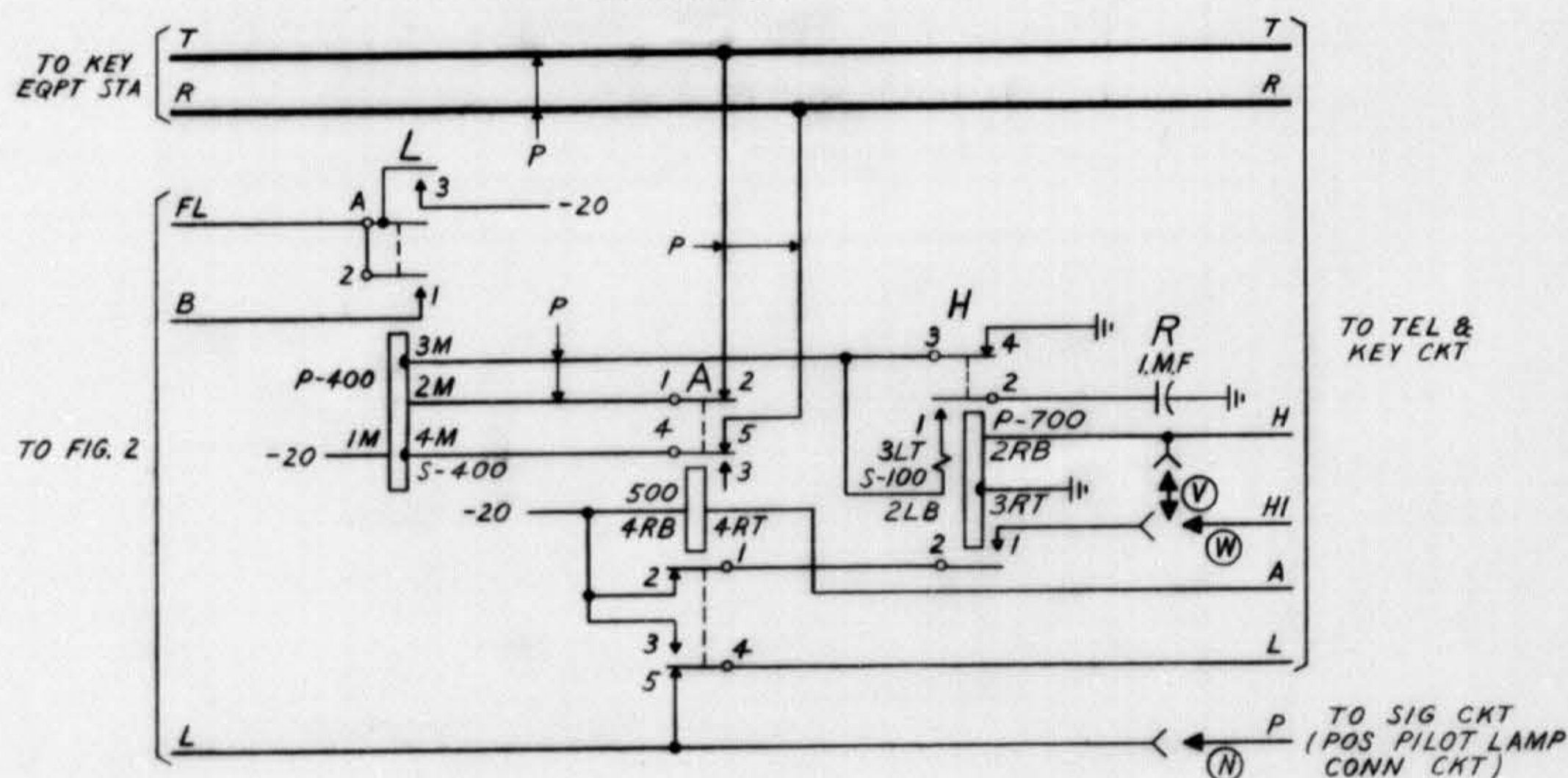
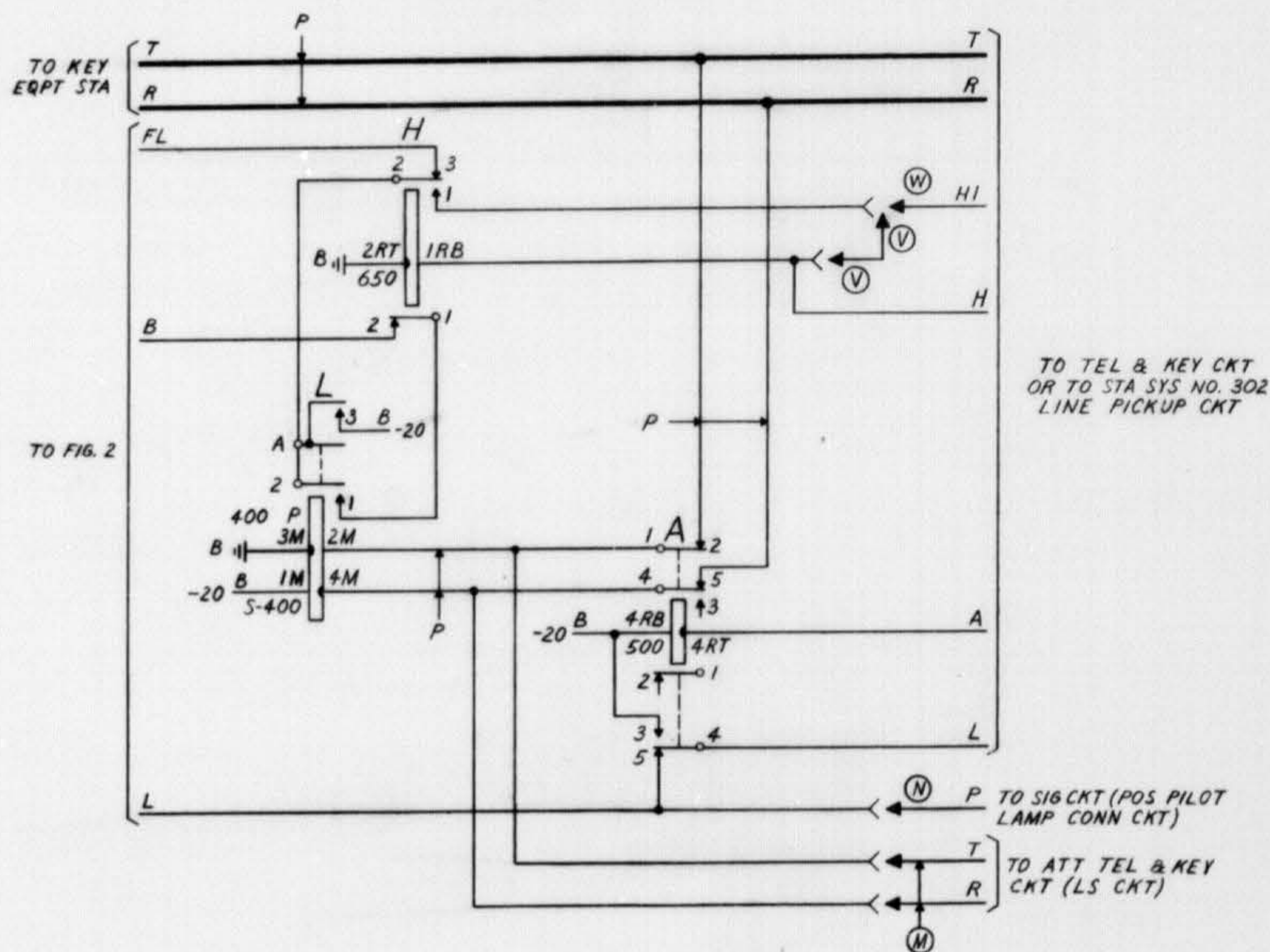


FIG. 4
LINE CKT
AUTOMATIC
SEE NOTE 104



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STATION SYSTEMS
KEY EQUIPMENT NO. 101A, 101B, OR 102A
AND SWITCHING SYSTEM NO. 302,
LINE CIRCUIT, OR
RINGDOWN TIE LINE CIRCUIT
BELL TELEPHONE LABORATORIES
INCORPORATED

SD-69076-01-C2

3S

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SD-69076-01																		
KEY EQUIPMENT NO. 101A, 101B, OR 102A AND SWITCHING SYSTEM NO. 302, LINE CIRCUIT, OR RINGDOWN TIE LINE CIRCUIT																		
APPARATUS				MECH REQ			CIRCUIT PREPARATION				TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQ					REMARKS
DESIG	CODE	OPTION	FIG.	BSP FIG.	CONT PRESS	ARM. TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST WDG			TEST FOR	AFTER SOAK MA.	TEST MA.	READJ MA.		
								CONN BAT.	CONN GRD									
RELAYS																		
A	R2037		1,3,4	7/7	L	20			RT(A)	GRD			0		17.5	16.5		
									RT(A)	GRD			NO		10.5	11.1		
FL	R2040		2	23/23	L	30			RB(FL)	BAT.		P	0		46.0		CONN DIRECT	
									LT(FL)	BAT.		S	0		42.0	36.5	GRD TO RT(FL)	
H	R2039		1,3	10/1	L	SPL	(A)0		RB(H)	BAT.	2/3/6	P	0		13.7	13.0	W OPT	
							(A)0		RB(H)	BAT.	2/3	P	0		13.7	13.0	REMOVE THE (H) LAMPS IN THE KEY & TEL CKT (V OPT)	
H	E6157		4	3/2	L	20			RB(H)	BAT.			0		18.0	17.0	W OPT	
									RB(H)	BAT.			0		18.0	17.0	REMOVE THE (H) LAMPS IN THE KEY & TEL CKT (V OPT)	
L	B210		3,4	7		35	(A)0		IT(A)	4T(A)	M		P/S	0	8.0	3.7	3.5	
							(A)0		IT(A)	4T(A)	M		P/S	R	8.0	1.4	1.5	
R	J48		A	9		35	(A)0			3M(R)	GRD		P	0		26.5		CONN DIRECT BAT. TO 2M(R)
							(A)0,4T(A)	1MR		4M(R)	B/G		S	NO		8.5	9.0	
												1	S	0		AC		
R	J48		B	9	L	25	(A)0			3M(R)	GRD		P	0		19.5		CONN DIRECT BAT. TO 2M(R)
							(A)0,4T(A)	1MR		4M(R)	B/G		S	0		8.3	7.9	
							(A)0,4T(A)	1MR		4M(R)	B/G		S	NO		5.2	6.6	
												4	S	0		AC		
R	B365	Z	C	7		35	(A)0		2M(R)	3M(R)	B/G		P	0		9.5		
							(A)0,4T(A)	1M(R)		4M(R)	B/G		S	0		6.0	5.6	
							(A)0,4T(A)	1M(R)		4M(R)	B/G		S	NO		4.0	4.2	
R	J23	Y	C	5		23	(A)0			3M(R)	GRD	5	P	0		26.0		CONN DIRECT BAT. TO 2M(R)
							(A)0,4T(A)	1M(R)		4M(R)	B/G	5	S	0		8.3	7.9	
							(A)0,4T(A)	1M(R)		4M(R)	B/G	5	S	NO		5.4	5.7	
												4/5	S	0		AC		
BB KEY TEL UNIT																		
A1	U734		5	115/136	H	29			TERM.9	GRD				0		10.3	9.8	

TEST NOTES:

1. TEST AND READJ ELECTRICALLY FOR OPERATION ON AC BY RINGING MANUALLY FROM CENT. OFF. OR PBX, OR BY APPLICATION OF RINGING VOLTAGES BETWEEN 95V AND 111V THRU AN 8B LAMP AND 6300 OHM NON-INDUCTIVE RES ACROSS THE REL WDG AND SERIES 1 UF CAP. THE ABOVE VALUE OF TEST RES IS BASED UPON THE LINE TO THE CENT. OFF. OR PBX BEING OPENED.
2. MIN. 10 FOLLOW FOR 1 TOP SPG.
3. THE ARM. TRVL FOR THE R2039 (H) REL IS 20.

4. TEST AND READJ REL (R) FOR OPERATION ON RINGING CURRENT BY CONNECTING MIN. 75V, 1100-1200 RPM RINGING SUPPLY THRU A 13C OR EQUIVALENT RES LAMP AND 7000 OHMS NONINDUCTIVE RES TO THE RING AND RINGING GRD TO THE TIP OF THE TRK (OPEN LINE TOWARD CENT. OFF. WHILE MAKING THIS TEST).
5. MIN. BACK TENSION 2 GRAMS.
6. BLOCK RELAY OPERATED IN THE ASSOCIATED TEL AND KEY CKT SO AS TO DISCONNECT ANY TEST INTERFERENCE FROM THE H LEAD TO THAT CIRCUIT.

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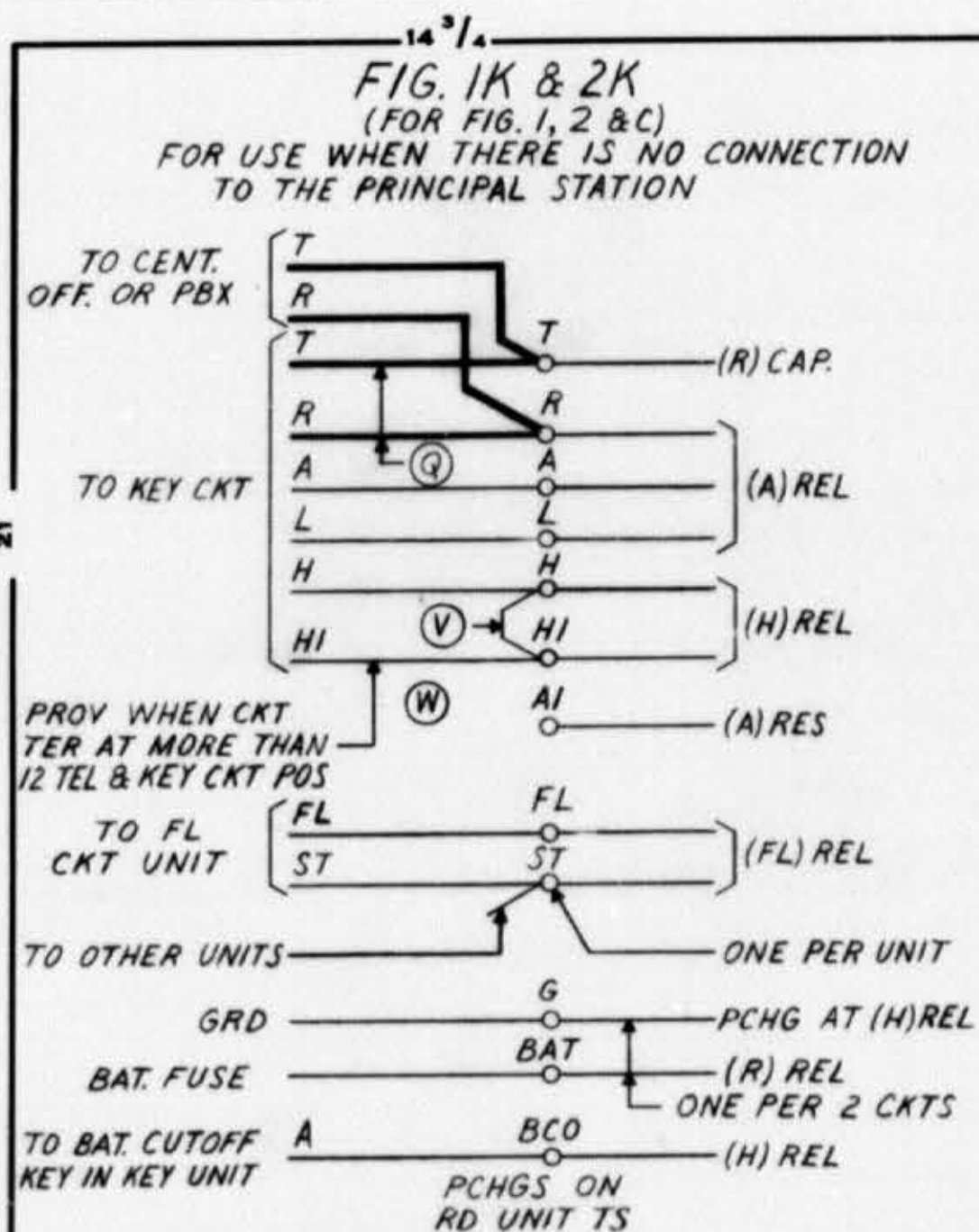


FIG. 2L (MFR DISC.), 3K (MFR DISC.)
2M & 4K
(FOR FIG. 1, 2 & 4)

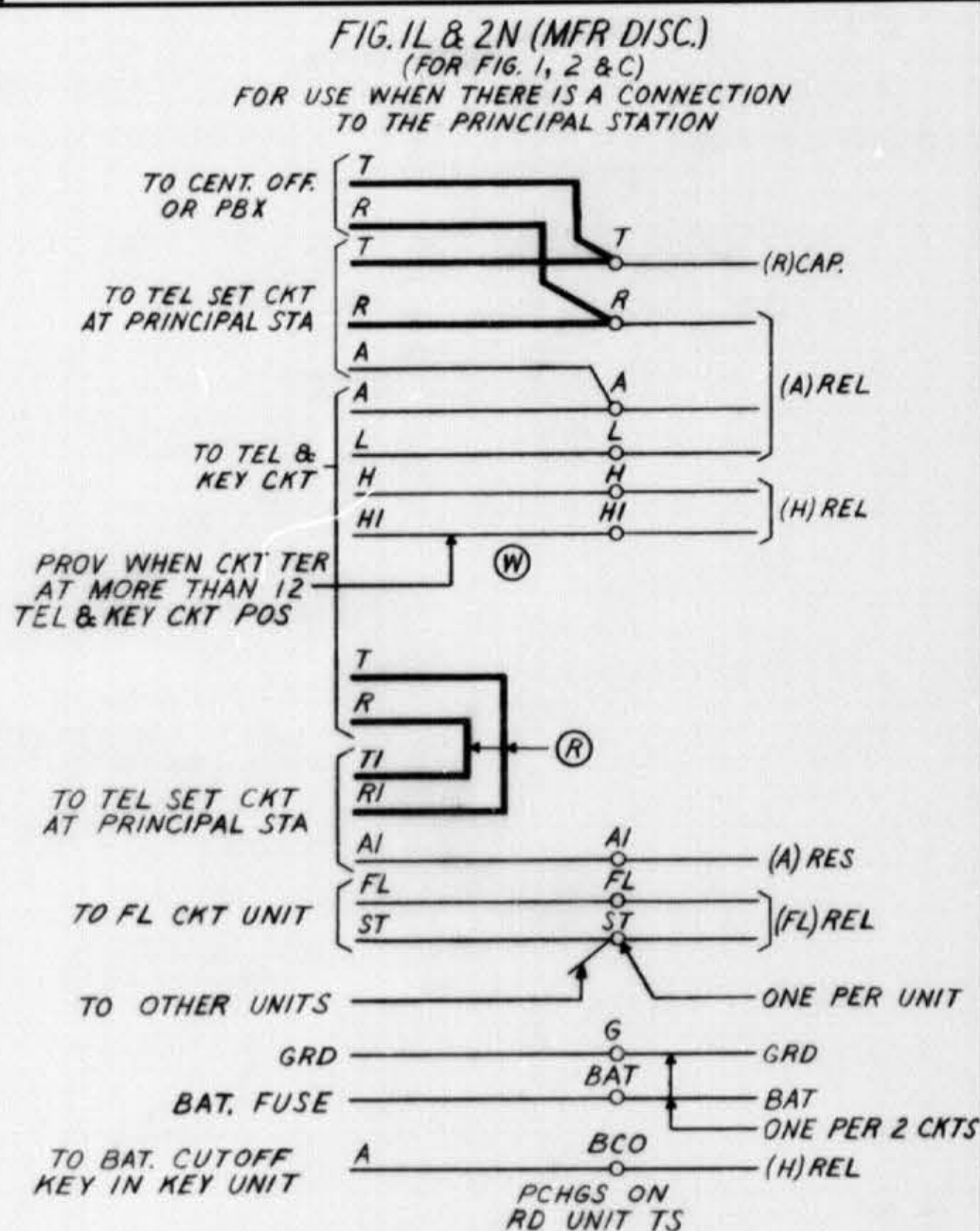
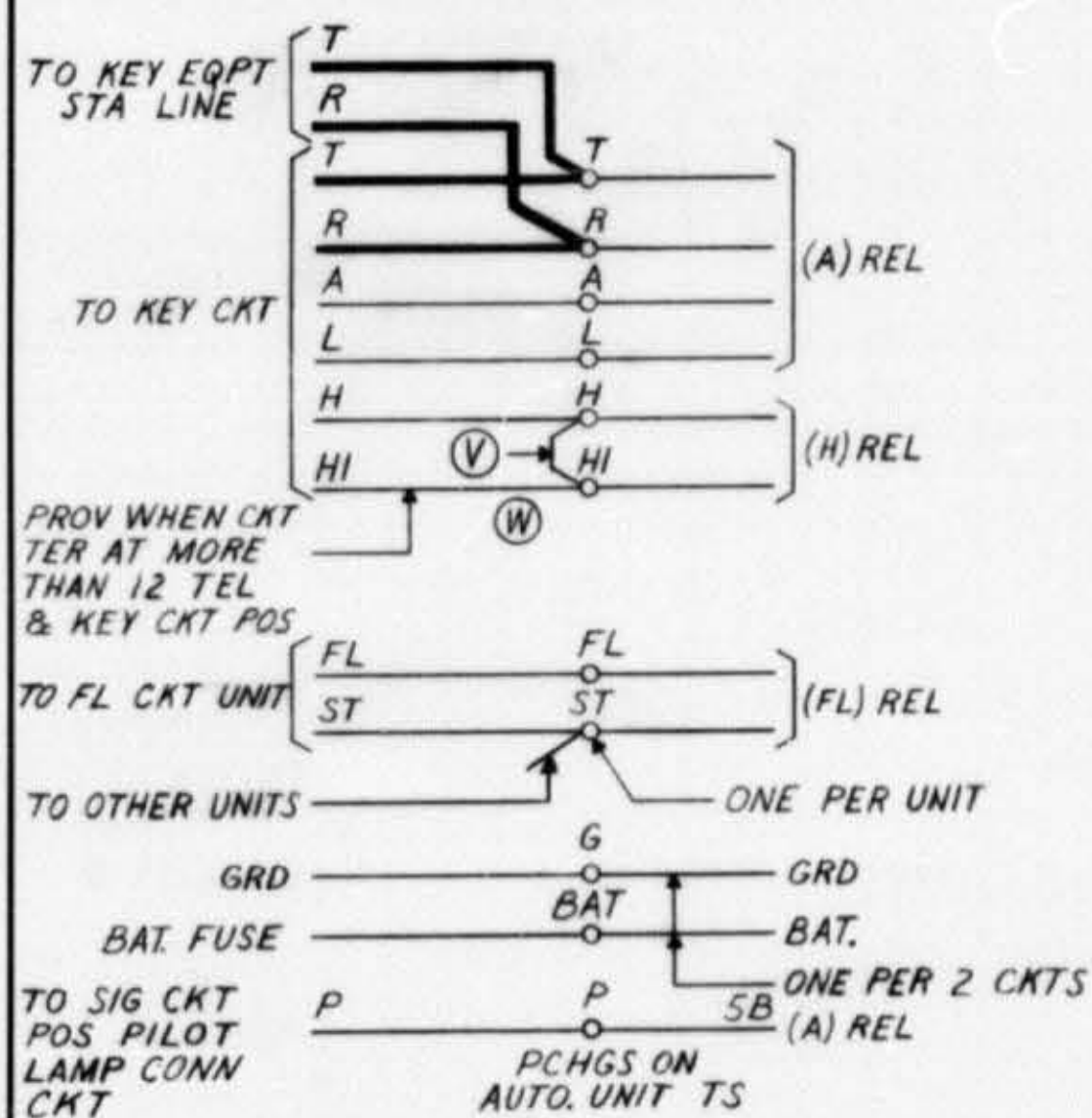
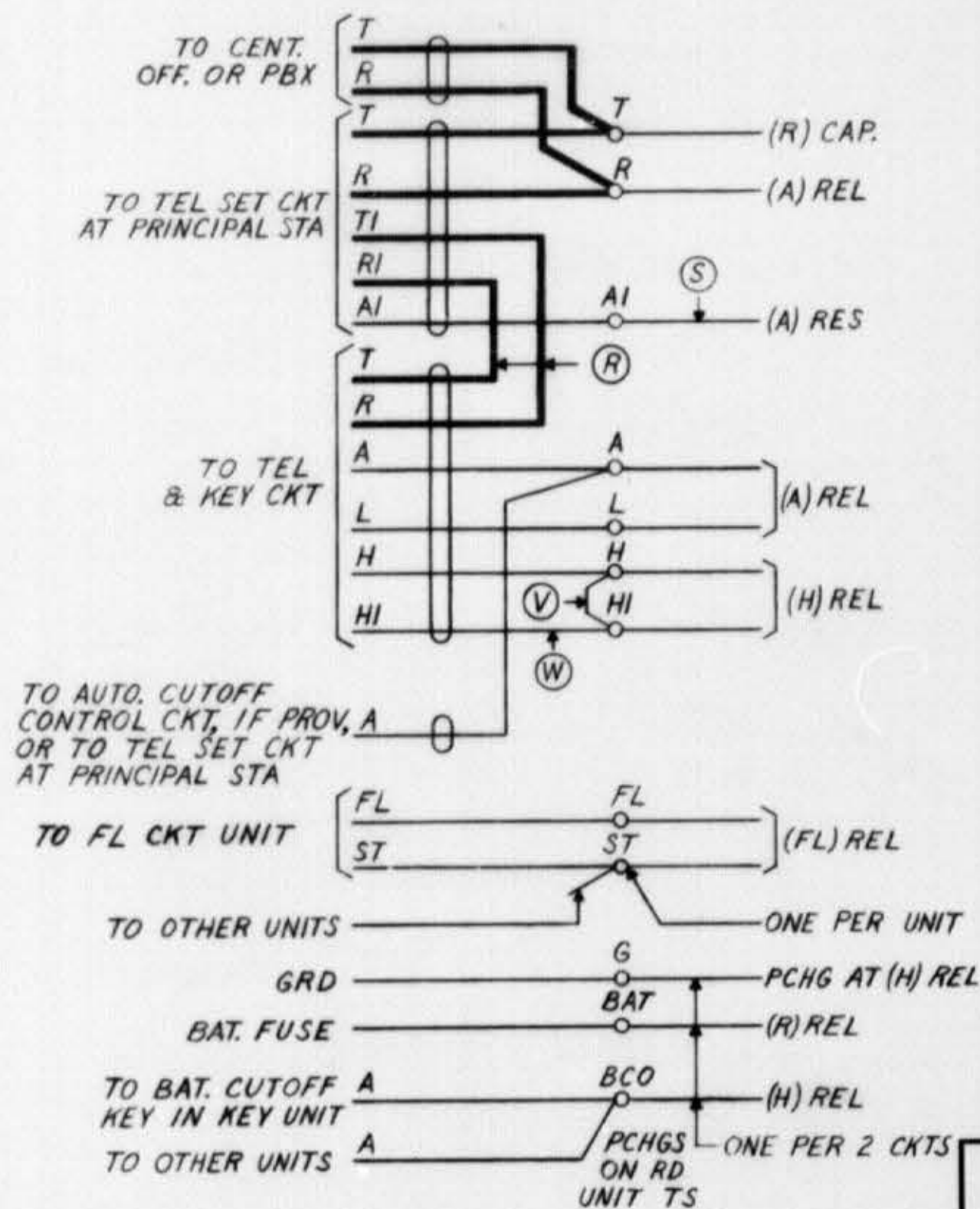
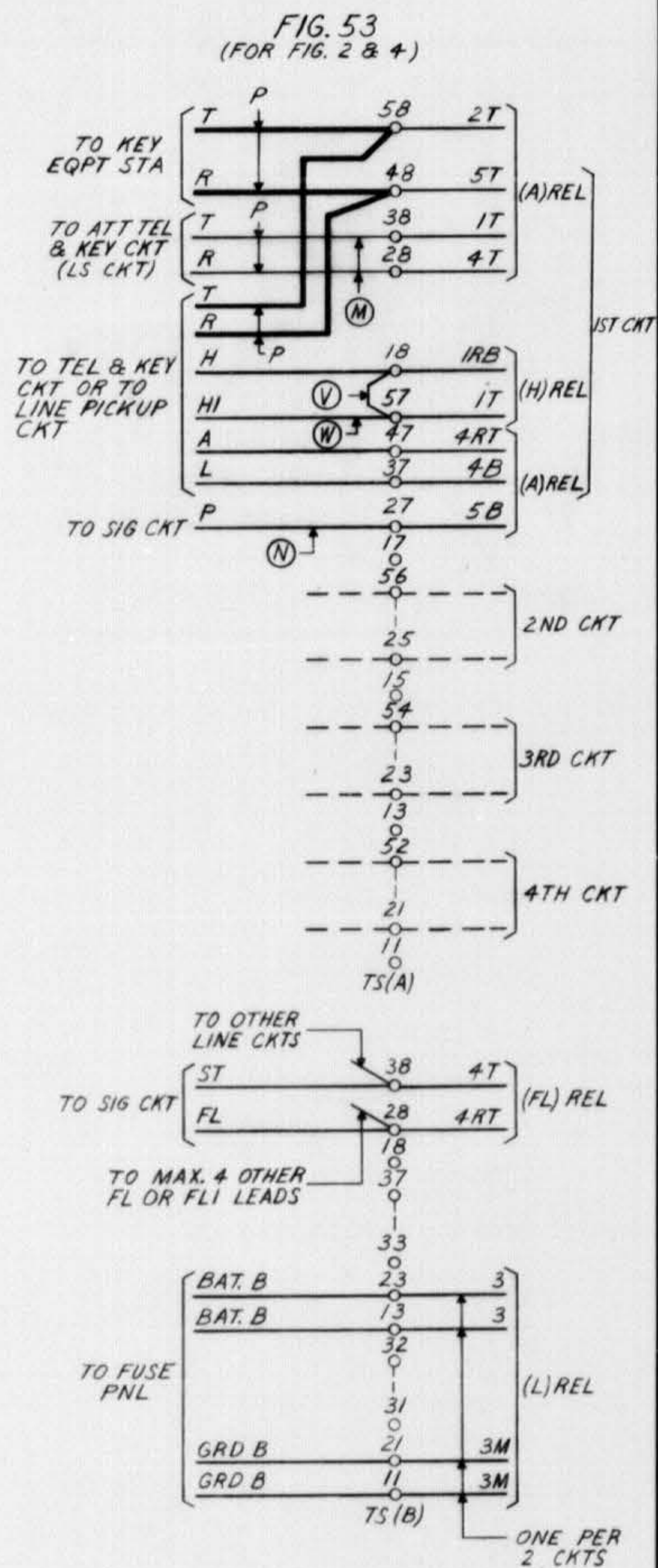
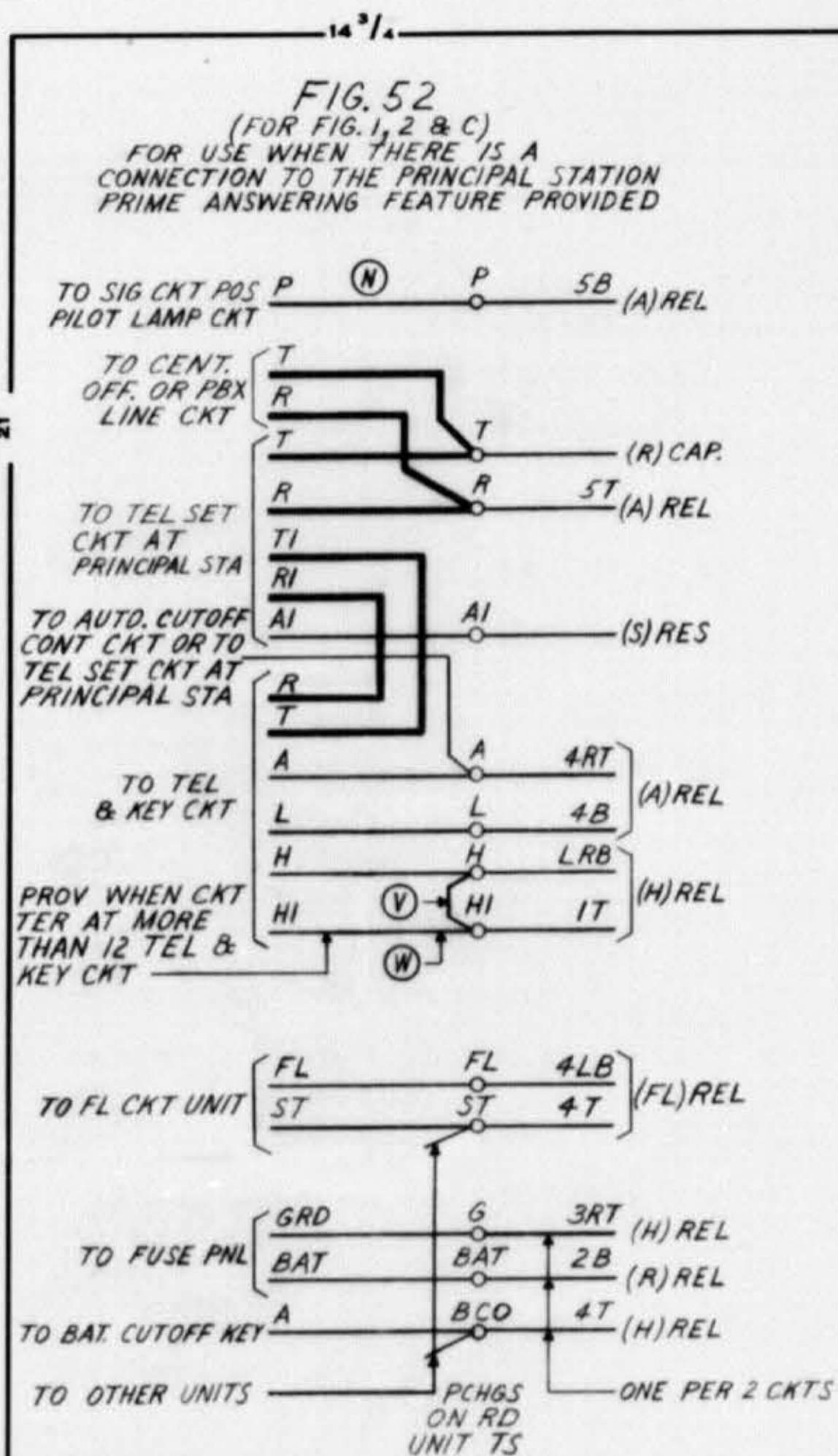


FIG. 5I
(FOR FIG. 1, 2 & C)
FOR USE WHEN THERE IS
A CONNECTION TO THE
PRINCIPAL STATION



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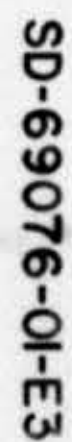
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