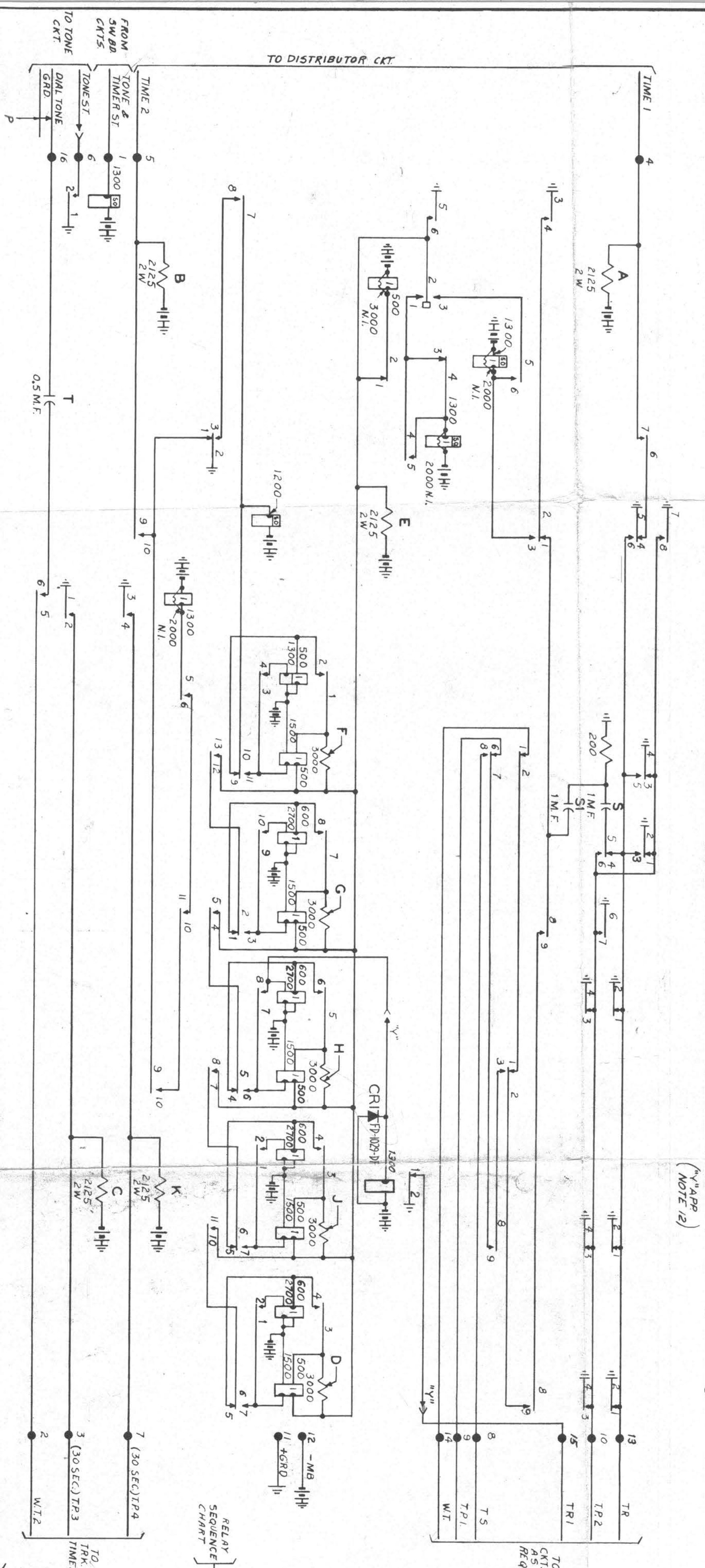
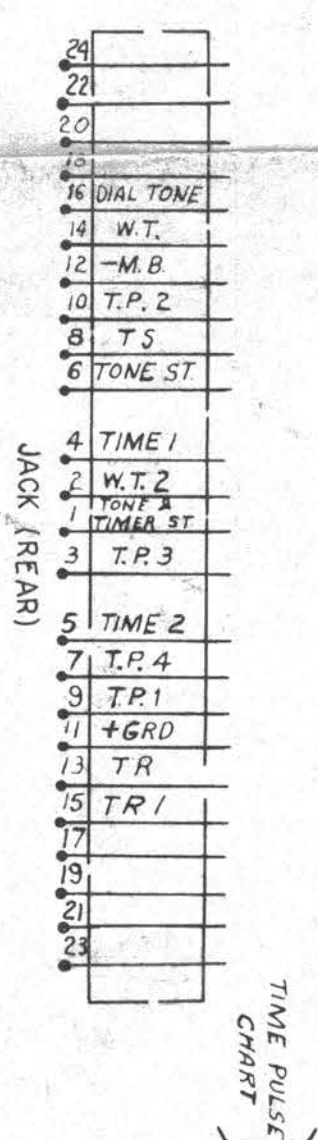




FIGURES

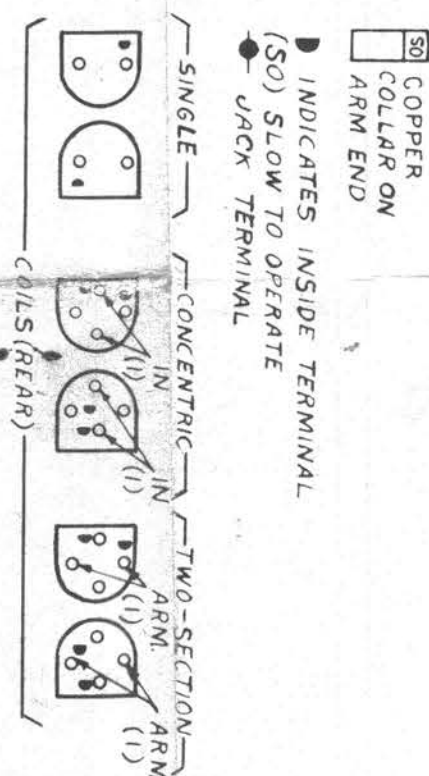
FIG. 2 - PROVIDE "Y" WRG & APP

- NOTES:
- 10 FIG.1 NORMALLY ADJUSTED FOR A 2 MIN. CYCLE. PERMANENTS & UNCOMPLETED CALLS ARE "TIMED OUT" IN MINIMUM 2 MINS., MAXIMUM 4 MINS. CONVERSATIONS ARE "TIMED OUT" IN MINIMUM 6 MINS. MAXIMUM 8 MINS. WHEN CONVERSATION TIMING IS TO HAVE LONGER TIMER PERIOD, ADJUST RLY B TO GIVE REQ. TIMING PERIOD.
- LENGTHENING CONVERSATION PERIOD ALSO LENGTHENS PERIOD FOR PERMANENTS & UNCOMPLETED CALLS IN SAME PROPORTION. RLY "B" TO BE ADJUSTED SO THAT RLY "A" WILL REMAIN OPERATED APPROX. 2 SEC. AFTER "C" RELEASES.
- 11 REFER TO E-61847 FOR CHART SHOWING DERIVATION OF PUL SEC. PRIOR TO ISSUE 4."Y" WRG. & APP WAS NOT SHOWN.
- 12 FOR REVERTING CALL TIMING OF 30 SEC. MIN., 1 MINUTE MAX. USE LEAD TRI OF FIG. 2.

[illegible]

THIS CHART REPRESENTS SEQUENCE ONLY, AND SHOULD NOT BE INTERPRETED AS INDICATING THE EXACT DURATION OF PULSES.

SYMBOLS



 SINGLE
 4 TERM.
 2 TERM.

CHANGES	ISSUE NO.2	CHANGES	ISSUE NO.2
155.3 5-4H8947 (REG.) ADDED DUODE CRI, A.L. 4-23-65	155.3 5-4H8947 9-28-59 ADDED NOTE 12. A.F. 4-23-59 SEC 155.3 5-4H8947 (REG.) ADDED DUODE CRI, A.L. 4-23-65	155.3 5-4H8947 9-28-59 ADDED NOTE 12. A.F. 4-23-59 SEC 155.3 5-4H8947 (REG.) ADDED DUODE CRI, A.L. 4-23-65	155.3 5-4H8947 9-28-59 ADDED NOTE 12. A.F. 4-23-59 SEC 155.3 5-4H8947 (REG.) ADDED DUODE CRI, A.L. 4-23-65

ASSOCIATED DRAWINGS		
DRAWING NO.	ISS	DESCRIPTION.
AH-61847	8	ADJUSTMENT
E-61847	6	EXPLANATION

RL-658511	RUNNING LIST		
RL-61847	RUNNING LIST		
UL-61847	JUMPER LIST		
ALL RLYS.	HAVE CODE IX CONTACTS		
ALL RLYS.	TWIN CONTACTS EXCEPT RLY B		
P BAWKER	31/6147		
		P.D.	
		PR. ETT.	
		5-10-47	
		CHKD. EW	
APPD.			
H.W. BALZER		INDEX	21/1147
9-16-47			
			MM
SCALE:			
		DATE:	9-8-47

TIMER CIRCUIT

PERMANENTS, CONVERSATION & TRUNKS

H-61847

AUTOMATIC ELECTRIC COMPANY
NORTHLAKE, ILL., U.S.A.