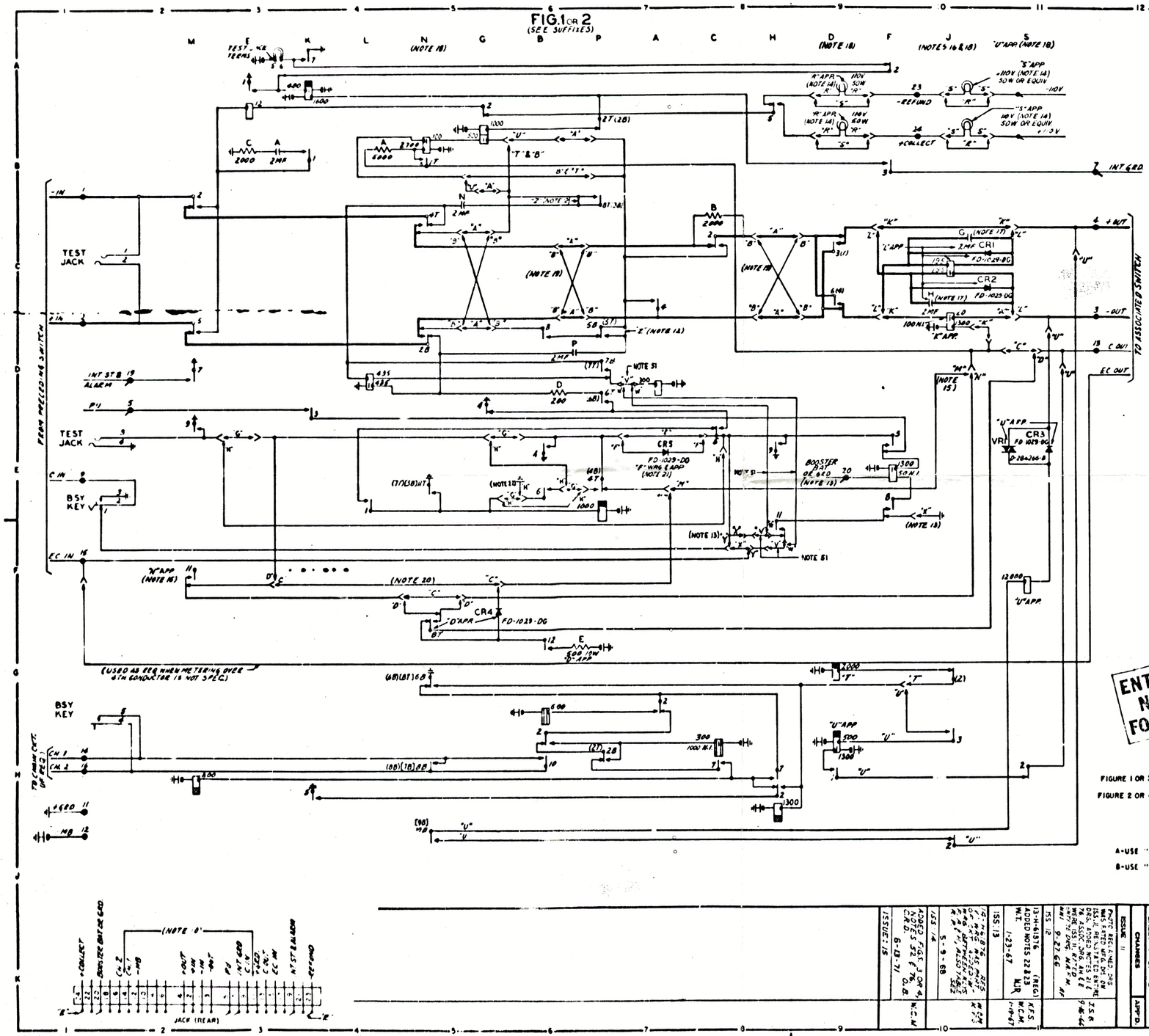
TCI Library https://www.telephonecollectors.info/



OPTION	ISSUES FIRST USED	ISSUES LAST USED	SUPERSEDED BY	NOTES
A	1	7	B	
B	8			9
C	1	8	D	
D	9			20
E	1	11	F	
F	12			21
G	1	12	H	
H	13			22
I				
J				
K	1	4	L	
L	5			16
M	1	2	N	
N	3			15
O				
P	14	15	Q	
Q	15			15 & 16
R	1			14
S	1			14
T	1	5	U	
U	6			18
V	1	13	W	
W	14			
X	1			13
Y	1			13
Z	1			12

ENGINEERING NOTES:

51-WHEN METERING IS REQUIRED ENGINEER SHALL INSTRUCT INSTALLER TO REMOVE WIRING "W" AND ADD WIRING "V".

52-DO NOT USE FIGURES 3 OR 4 WITH H-880393-A OR SIMILAR.

INSTALLING NOTES:

76-TO MODIFY FIGURES 1 OR 2 FOR THRU LEAD C, UPDATE REPEATER CIRCUIT TO ISSUE 14, THEN CONVERT TO FIGURES 3 OR 4 WITH SUFFIX A OR B.

ENTIRE DRAWING NOT AVAILABLE FOR MANUFACTURE

FIGURES

FIGURE 1 OR 3-USE "S" WIRING. OMIT "R" WIRING AND APPARATUS. USE SUFFIX A OR B.

FIGURE 2 OR 4-USE "R" WIRING AND APPARATUS. OMIT "S" WIRING. USE SUFFIX A OR B.

SUFFIXES

A-USE "X" WIRING FOR BOOSTER BATTERY METERING

B-USE "Y" WIRING FOR METERING OVER 4TH CONDUCTOR.

SYMBOLS

COPPER COLLAR ON HEEL OR TERM END — SLOW TO RELEASE
COPPER SLEEVE ON CORE
COPPER COLLAR ON ARM END — SLOW TO OPERATE
COPPER COLLAR ON ARM END & COPPER SLEEVE ON CORE

SINGLE — TWO SECTION — CONCENTRIC 4 TERM.

SINGLE — CONCENTRIC (NO: INSIDE WDG) — TWO SECTION (NO: ARM. END WDG.) — COILS (REAR)

• INDICATES INSIDE TERMINAL (START OF WINDING)
JACK TERMINAL
JACK TERMINAL (COMMON)

MANUFACTURING NOTES:

10-SHELF JACKS 9 AND 11, AND 14 AND 16 MAKE CONTACT WHEN SWITCH IS REMOVED.

11-CONTACTS "R" OPERATE FIRST.

12-CUT STRAPS "Z" IF DIAL TONE IS TO BE DELAYED UNTIL COIN IS DEPOSITED.

13-CONNECT JACK 20 TO GROUND IF THERE IS NO BOOSTER BATTERY METERING REQUIRED. USE "X" WIRING WHEN BOOSTER BATTERY METERING IS REQUIRED. USE "Y" WIRING AND CONNECT GROUND TO JACK 20 WHEN METERING IS OVER 4TH CONDUCTOR.

14-USE "S" WIRING AND APPARATUS WHEN COIN BATTERY PROTECTION LAMPS ARE MOUNTED OUTSIDE SWITCH BASE. OMIT "R" WIRING AND APPARATUS. USE "R" WIRING AND APPARATUS WHEN COIN BATTERY PROTECTION LAMPS ARE MOUNTED ON SWITCH BASE. OMIT "S" WIRING AND APPARATUS.

15-PRIOR TO ISSUE 3, WIRING "M" WAS PART OF CIRCUIT AND WIRING AND APPARATUS "N" WERE NOT SHOWN. WIRING AND APPARATUS "N" SUPERSEDES WIRING "M" ON ALL FUTURE ORDERS.

16-PRIOR TO ISSUE 5, "K" WIRING AND APPARATUS WERE PART OF CIRCUIT AND "L" WIRING AND APPARATUS WERE NOT SHOWN. "L" WIRING AND APPARATUS SUPERSEDES "K" WIRING AND APPARATUS. ISSUE 6 REVISED WIRING "L". ISSUES 5-13, RELAY J COIL WAS 113Ω+110Ω.

17-CAPACITORS "G" AND "H" TO BE MATCHED WITHIN 5%.

18-PRIOR TO ISSUE 6, "T" WIRING AND APPARATUS WERE PART OF CIRCUIT AND "U" WIRING AND APPARATUS WERE NOT SHOWN, AND RELAY D, J AND N SPRING NUMBERS IN PARENTHESES WERE USED. BEGINNING WITH ISSUE 6, "U" WIRING AND APPARATUS SUPERSEDE "T" WIRING AND APPARATUS AND RELAY D, J AND N SPRING NUMBERS NOT IN PARENTHESES ARE USED. (NOTE 20).

19-PRIOR TO ISSUE 8, "A" WIRING WAS PART OF CIRCUIT AND "B" WIRING WAS NOT SHOWN. BEGINNING WITH ISSUE 8, WIRING "B" SUPERSEDES WIRING "A".

20-PRIOR TO ISSUE 9, WIRING "C" WAS PART OF CIRCUIT, WIRING AND APPARATUS "D" WERE NOT SHOWN. BEGINNING WITH ISSUE 9, "D" WIRING AND APPARATUS SUPERSEDE WIRING "C", AND USE RELAY "P" AND "N" SPRING NUMBERS NOT IN PARENTHESES ( ) OR BRACKETS [ ].

21-PRIOR TO ISSUE 12, "E" WIRING WAS PART OF CIRCUIT AND "F" WIRING AND APPARATUS WERE NOT SHOWN. BEGINNING WITH ISSUE 12, "F" WIRING AND APPARATUS SUPERSEDES "E" WIRING.

22-PRIOR TO ISSUE 13, WIRING "G" WAS PART OF CIRCUIT AND WIRING "H" WAS NOT SHOWN. WIRING "H" SUPERSEDES WIRING "G".

24-PRIOR TO ISSUE 13, RECTIFIERS CR1 TO CR5 WERE FD-1029-DF

MFG. DIS. STOCKLIST DH-61876-40 (FIG.1) RUNNING LIST RL-618,6 (FIG.2)

ASSOCIATED DRAWINGS

DRAWING NO.	ISS.	DESCRIPTION
AH 61876	16	ADJUSTMENT
E-61876	13	EXPLANATION

ISSUE	CHANGES	APP'D.
11	PRINTS REVISED DUE TO NEW FIXED MFG. DIS. ON DISTRIBUTION. ADDED NOTES 21 & 22. ADDED NOTE 20 ON FIG. 2. DISC. NOTES 19 & 20. ADDED NOTES 19 & 20. REF. ISSUE 10 & 11	
12	ADDED NOTE 19 ON FIG. 2. REF. ISSUE 11	
13	13-H-61876 (REC) ADDED NOTES 22 & 23. WLR 1-23-67	KFS WCM 1-19-67
14	ADDED NOTE 24. REF. ISSUE 13. ADDED NOTE 24 ON FIG. 1 & 2. REF. ISSUE 13	
15	ADDED NOTE 15 ON FIG. 1 & 2. REF. ISSUE 14	
16	ADDED NOTE 16 ON FIG. 1 & 2. REF. ISSUE 15	
ISSUE: 15	6-13-71	
ISSUE: 16	ADDED FIG. 3 OR 4. C.R.D. 6-13-71	W.C.M.

SHEET 1 OF 2 — H-61876

DESIGNED F. BARKER
APP'D. H.W. BALZER
DR. E.M.D.
CK. A.L.S.
DATE 7-13-49
SCALE: DO NOT SCALE DRAWING

PRE-PAY COIN TELEPHONE REPEATER CIRCUIT BOOSTER BATTERY METERING

H-61876 SHEET 1 OF 2 — SIZE D

AUTOMATIC ELECTRIC COMPANY
NORTHLAKE, ILL., U.S.A. ● GENEVA, ILL., U.S.A. ● WAUKESHA, WISC., U.S.A.