

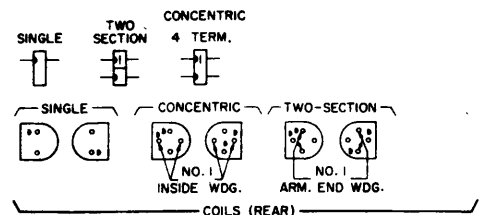
TABLE A									
FIG.	SUFF.	SHELF SUPPLY. 1 SUPPLY. 2 (WRG. "P" & "Y")	FREE SERVICE		RELEASE			REMARKS	
			PROVIDED (FIG. FS, AND APP. & WRG. "FS") (NOTE 53)	NOT PROVIDED (WRG. "NF")	LAST PARTY, NOT TIMED (WRG. "D", "K" & "Z") (NOTE 77)	CALLING PARTY, WITHOUT TIMED DISCONNECTION (WRG. "D" & "K")	LAST PARTY, TIMED DISCONNECTION OF HELD CALLS BY RELAY PER CONNECTOR (FIG. TR AND APP. & WRG. "D", "K" & "X")		
1	A	X		X		X			
2	A	X		X		X			
3	A	X	X		X				
4	A		X				X		A & H
5	A			X				X	A & H
6	A		X					X	

INSTALLING NOTES:

76-WHEN SEPARATE RING BACK TONE IS NOT PROVIDED, CONNECT SHELF JACKS 20 & 5 AT END OF SHELF. (PRIOR TO ISS. 5, R.B. TONE WAS WIRED TO JACK PT. 22.)
 77-"Z" STRAP IS NORMALLY PROVIDED IN FIGURES 1 & 2 FOR LAST PARTY RELEASE. IF CALLING PARTY RELEASE IS DESIRED, CONVERT TO SUFFIX A BY REMOVING "Z".

78-WHEN CONVERTING TO ISSUE 5 OR LATER OF THIS CIRCUIT, RELAY G MUST BE READJUSTED, SEE NOTE 10 AND AH-580364-A.

SYMBOLS



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

ENGINEERING NOTES:

51-"EC" WIPER ENCOUNTERS THE FOLLOWING CONDITIONS:
 INDIVIDUAL LINES - NO CONNECTION.
 FIRST LINE OF A GROUP - CONNECT C & EC.
 LAST LINE OF A GROUP - FOR OVERFLOW REGISTRATION, 1300 OHM METER OR FOR NO REGISTRATION A 1200 OHM RESISTOR BETWEEN C & EC.

52-ANY TRUNK IN A GROUP EXCEPT FIRST TRUNK MAY BE LISTED AS A NIGHT NUMBER.

53-FREE SERVICE, FIGURE FS, IS PROVIDED IF OFFICIAL NUMBERS APPEAR IN CONNECTOR GROUP.

54-LEFT NORMAL POST SPRINGS OPERATE ON FREE SERVICE LEVELS.

MANUFACTURING NOTES:

1-SHELF JACKS 9 & 11 MAKE CONTACT WHEN SWITCH IS REMOVED.

2-CONTACTS "X" OPERATE FIRST.

3-ROTARY OFF NORMAL SPRINGS OPERATE ON FIRST ROTARY STEP. CAM SPRINGS OPERATE ON 11TH STEP.

4-CAPACITORS N & P ARE MATCHED WITHIN 5%.

5-ALL DIODES ARE FD-1029-DG UNLESS OTHERWISE SPECIFIED.

6-NON-LINEAR NETWORK NLN1 TERMINAL 1 IS NEAREST MOUNTING PLATE.

7-PRIOR TO ISSUE 3, "G" WIRING WAS PART OF CIRCUIT. "GG" WIRING SUPERSEDES "G" WIRING.

8-PRIOR TO ISSUE 3, "C" WIRING & APPARATUS WERE PARTS OF CIRCUIT. BEGINNING WITH ISSUE 3, "C" WIRING & APPARATUS ARE NO LONGER SUPPLIED.

9-PRIOR TO ISSUE 4, "A" WIRING & APPARATUS WERE PART OF CIRCUIT. "B" WIRING & APPARATUS SUPERSEDE "A" WIRING & APPARATUS.

10-RELAY G SHALL BE ADJUSTED AS FOLLOWS:

H-580364-A ISSUE NO.	WITH APP. & WRG.	ADJUST RELAY G PER (SEE AH-580364-A)
1-4	E & T	R-6685-AI
5	F, M, T & U	GR-6685-AIA
6-7	F, N, T & U	GR-6685-AIA
8 & LATER	F, N & V	GR-6685-AIB

11-PRIOR TO ISSUE 8, RELAY E SPRINGS WERE NUMBERED ONLY AS SHOWN IN PARENTHESES (APPARATUS D). ISSUE 8 ADDED RELAY E SPRING NUMBERS NOT IN PARENTHESES (APPARATUS S). SEE TABLE B FOR APPARATUS "Q" OR APPARATUS "S" USAGE.

TABLE B									
APP. AND/OR WIRING	ISSUES		WIRING BY	FIGURE OR SUFFIX	TABLE	NOTES			
	FIRST USED	LAST USED					FACTORY	INSTALLER	
A	1	3	B	X		9			
B	4			*		9			
C	1	2		*		8			
D	4		B	*	1-4	A			
E	1	4	F	*		10			
F	5			*		10			
G	1	2	GG	*		7			
H	5			*					
I	1	4	J	*					
J	5			*					
K	1			*	1-4	A			
L	5			*	5 & 6	A			
M	5	5	F	N	*	10			
N	6			*		10			
O	1	6	P	*					
P	7			*					
Q	1			*	3 & 4	11			
R	5		J	*	3 & 4				
S	8			*	1, 2, 5, 6	11			
T	1	7	V	*		10			
U	5	7	F	V	*	10			
V	8			*		10			
W									
X	1			*	3 & 4	A			
Y	1			*	1 & 2	A			
Z	1			*	18 & 28	A			77
FS	1			*	2, 4 & 6	A			
GG	3			*		7			
NF	1			*	1, 3 & 5	A			
AA	1	8	AB	*	1-6				
AB	9			*	1-6				

STOCKLIST DH-580364-A33 (FIG. 5A)
 STOCKLIST DH-580364-A34 (FIG. 6A)
 STOCKLIST DH-580364-A32 (FIG. 3A)
 STOCKLIST DH-580364-A31 (FIG. 2)
 STOCKLIST DH-580364-A30 (FIG. 1)
 JUMPER LIST JL-580364-A

ASSOCIATED DRAWINGS		
DRAWING NO.	ISS	DESCRIPTION
AH-580364-A	3	ADJUSTMENT
E-580364-A	3	EXPLANATION

CURRENT DRAIN DATA
 HOLDING CURRENT 0.39

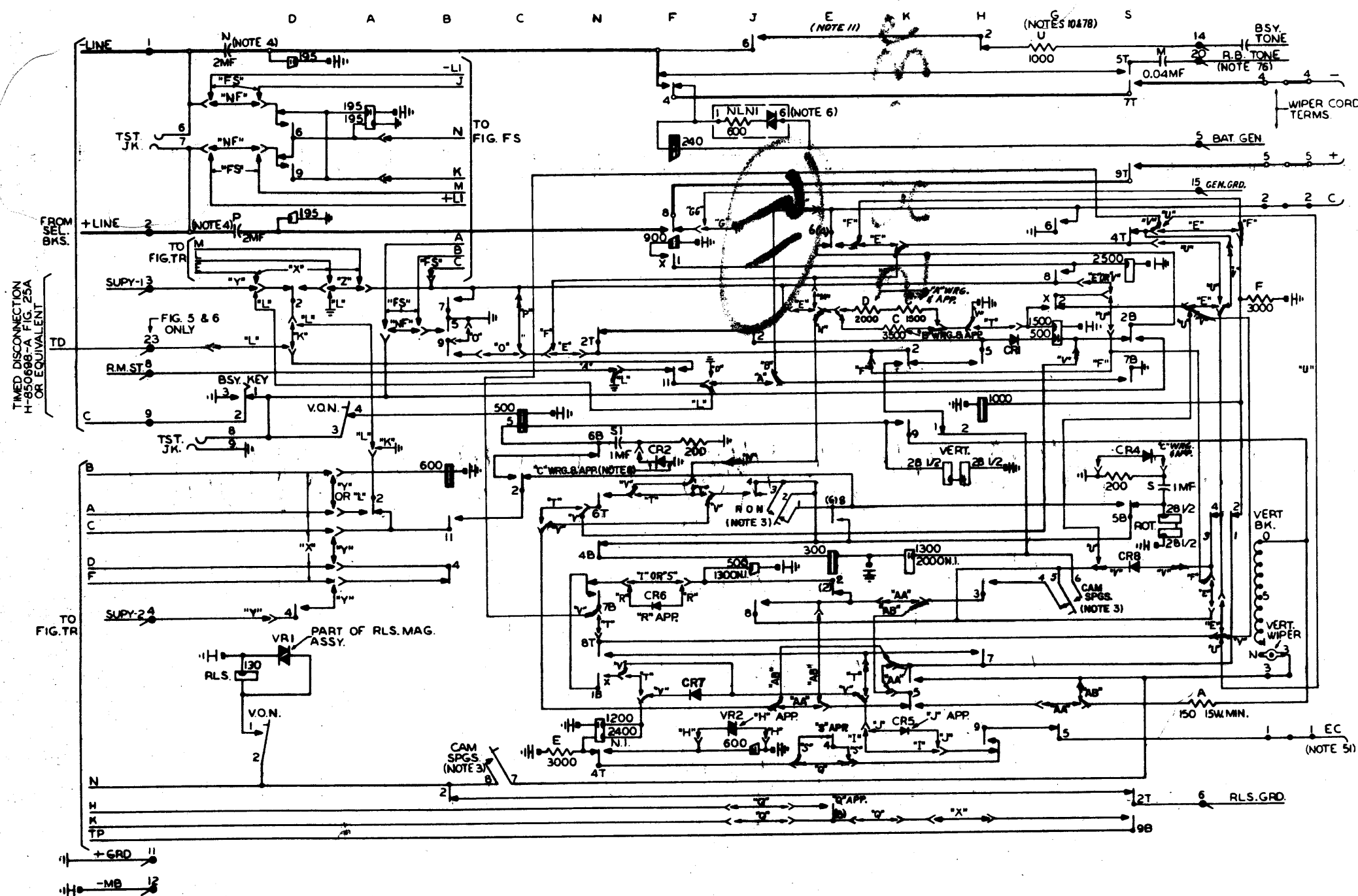
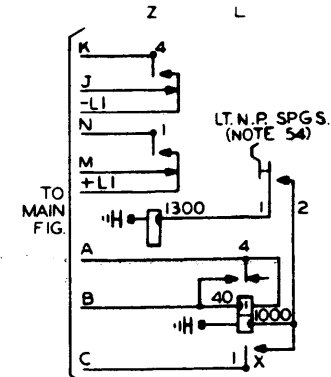


DESIGNED R. VOGEL
 APP'D. KARL F. STEINHAEUER
 SCALE: DO NOT SCALE DRAWING
 DATE: 11-4-65

CONNECTOR CIRCUIT
 WITH FREE SERVICE
 TRUNK & LEVEL HUNTING
 WITH NIGHT LINE SERVICE
 TIMED RELEASE-BAT. GEN.

H-580364-A

AUTOMATIC ELECTRIC COMPANY
 NORTH LAKE, ILL., U.S.A. • GENOA, ILL., U.S.A. • WAUKESHA, WISC., U.S.A. •

FIGS. 1-6
(TABLE A)FIG. FS
"FS" WRG. & APP.
(TABLE A)FIG. TR
"X" WRG. & APP.
(TABLE A)