

SHEET INDEX

FIG.	CONTENTS	SHEET NO.	ISSUE NO.																				OLD SHEET NO.
			5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
	SHEET INDEX SUPPORTING INFORMATION	A1	5	6	7	8	9																
	SHEET INDEX (CONT)	A2	5	6	7	8	9																
1 2 3 6 8 16 F, G H, J K, L M, N P, S T	CORD CKT UNIT J59013E ATTENDANTS TELEPHONE AND DIAL CKT UNIT J59013D AUXILIARY SIGNAL CKT BAT. DISTRIBUTING, GEN. & BAT. KEY & PILOT LAMP CKT ROTARY DIAL AUXILIARY SIGNAL CKT FOR MULTIPLE TRUNKS	B1	5	6	7	8	8															-0101	
4 5 7 10 11 22 23 24 A B C 27	AUXILIARY TELEPHONE CKT STATION LINE CKT TELEPHONE SET JACKS POSITION SPLITTING KEY CKT SERVICE OBSERVING COIL BAT. CUTOFF KEY DIAL AUX CKT TOUCH-TONE DIAL TELEPHONE SET LINE RELAY POSITION SPLITTING KEY CKT	B2	5	6	7	7	7															-0101 -0101 -0101 -0101 -0101	
9 12 13 14 15 D E 25	AUXILIARY RINGER HAND GENERATOR FUSE ALARM RELAY CKT FUSE ALARM CKT RINGING SUPPLY & BUZZER BUZZER FOOT SWITCH ROTARY CARD DIALER	B3	5	5	7	8	8															-0101	
17 18 19 20 21	POSITION GROUPING CKT MODIFICATION OF POSITION NO. 1 POSITION GROUPING CKT MODIFICATION OF TELEPHONE CKT IN POSITION NO. 2 POSITION GROUPING KEY TEAMWORK ANSWER JACK TEAMWORK EXTENSION JACK	B4	5	5	5	5	5															-0102	
26 Q R V	TOUCH-TONE CARD DIALER ZIP TONE CKT FOR AUX. TEL CKT ZIP TONE WITH OR WITHOUT BUSY TEST ZIP TONE CKT POS TEL & DIAL	B5			7	8	8																

SHEET INDEX NOTES

1. WHEN CHANGES ARE MADE IN THIS DRAWING, ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.
3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.
6. "OLD SHEET NO." REFERS TO SHEET NO. PRIOR TO ISSUE: 5D

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT INFO	ED-65843-01

SD-65714-01

IJ05

PBX SYSTEMS

NO. 557A
CORD, TELEPHONE, DIAL,
AUXILIARY SIGNAL,
STATION LINE, POSITION GROUPING,
RINGING AND BATTERY
CIRCUITS

(CORD)(TEL)(AUX TEL)

BELL TELEPHONE LABORATORIES
INCORPORATED

3S

AT&TCO
STANDARD

SD-65714-01-A1

17 SHEETS HNOBK DWG

DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS
1	1	20	20	38	38
4D	4D				
DWG ISSUE	CD ISSUE	DATE	DRAWN	APPD	
5D	5D	5-21-63	CRA	PJH AFB PD	
6D	5D APP 1D	7-8-64	LRG FNR MR TEB		
7D	5D APP 2D	9-7-65	RBB JAY FNR JPK PEG		
8D	5D APP 3D	1-18-67	RBB CLD FNR RBB PEG		
9D	5D APP 4D	12-3-68	JDF JPK FNR RBB HAY		

DRAWING ISSUE	
50	CR PD
60	LR — TA
70	RB J.P. PE
80	RB RB PE
90	JO RB H

PBX SYSTEMS NO. 557A CORD, TELEPHONE, DIAL, AUXILIARY SIGNAL STATION LINE, POSITIONAL GROUPING, RINGING AND BATTERY CIRCUITS		SD-65714-01-A2
BELL TELEPHONE LABORATORIES INCORPORATED		DWG SIZE 3S PRINTED IN U.S.A.

DRAWING	ISSUE
5D	CRA
6D	PD
7D	LRG
	TEP
	ERR
	J.P.C.
	224

(MFR. DISC.)
FIG. 10
POSITION SPLITTING
KEY CKT

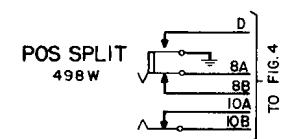


FIG. 22
BAT. CUTOFF KEY

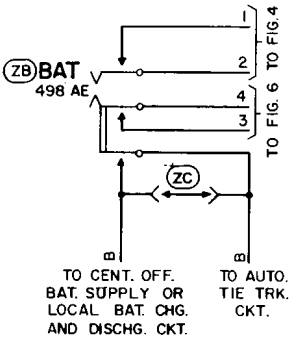


FIG. B

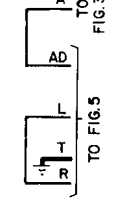


FIG. C
LINE RELAY

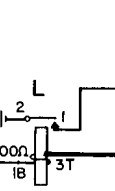


FIG. 5
STATION LINE CKT.

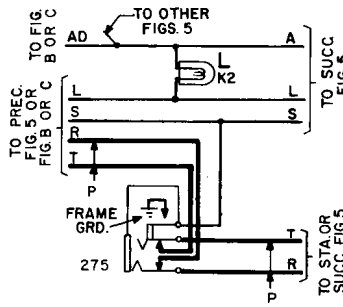


FIG. 27
POSITION SPLITTING
KEY CKT.

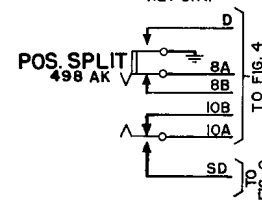


FIG. 7
TELEPHONE SET JACKS

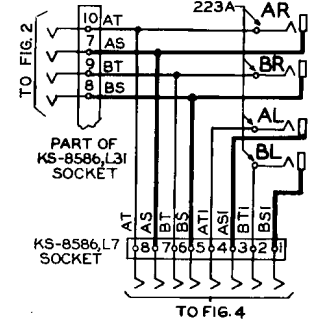


FIG. A
TELEPHONE SET
52A OR 53A HEAD TEL. SET

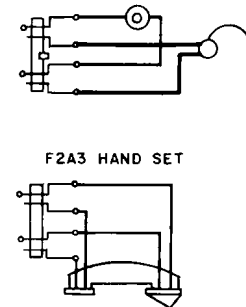


FIG. 4
AUXILIARY TELEPHONE CKT.

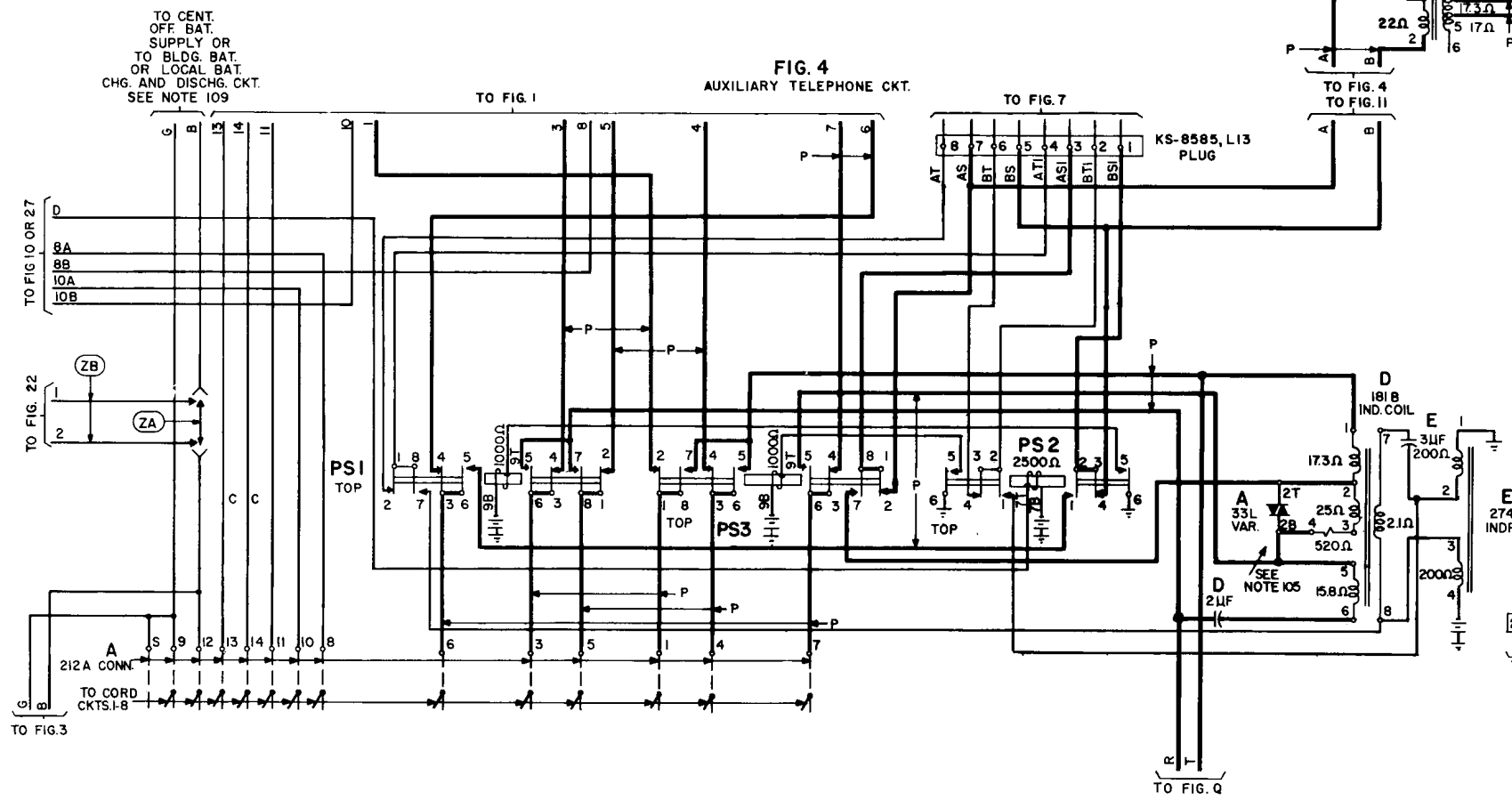


FIG. 11
SERVICE OBSERVING COIL
SO
189 E REP. COIL

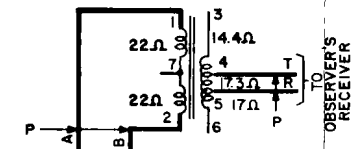


FIG. 24
TOUCH-TONE DIAL

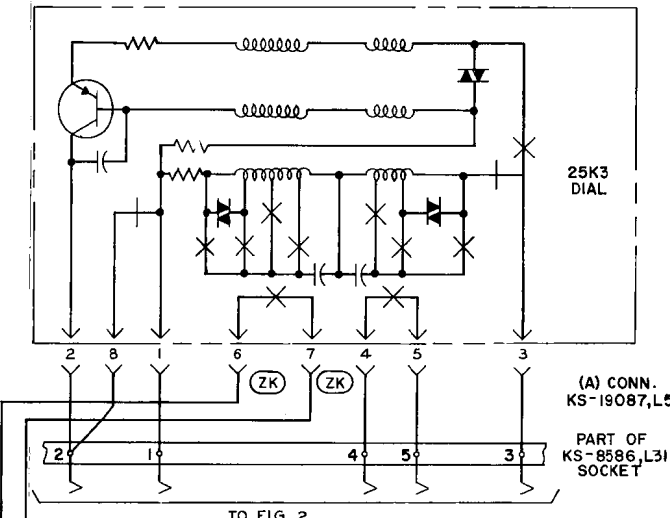
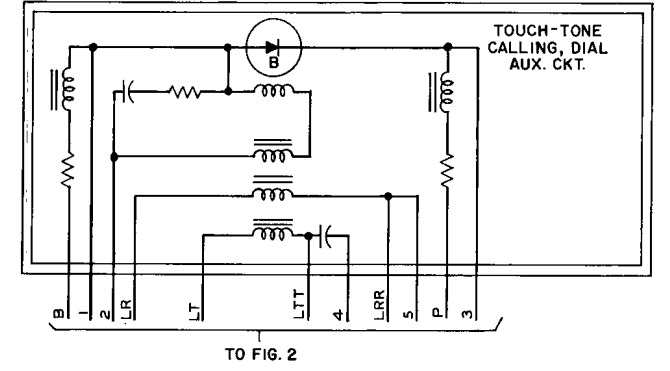
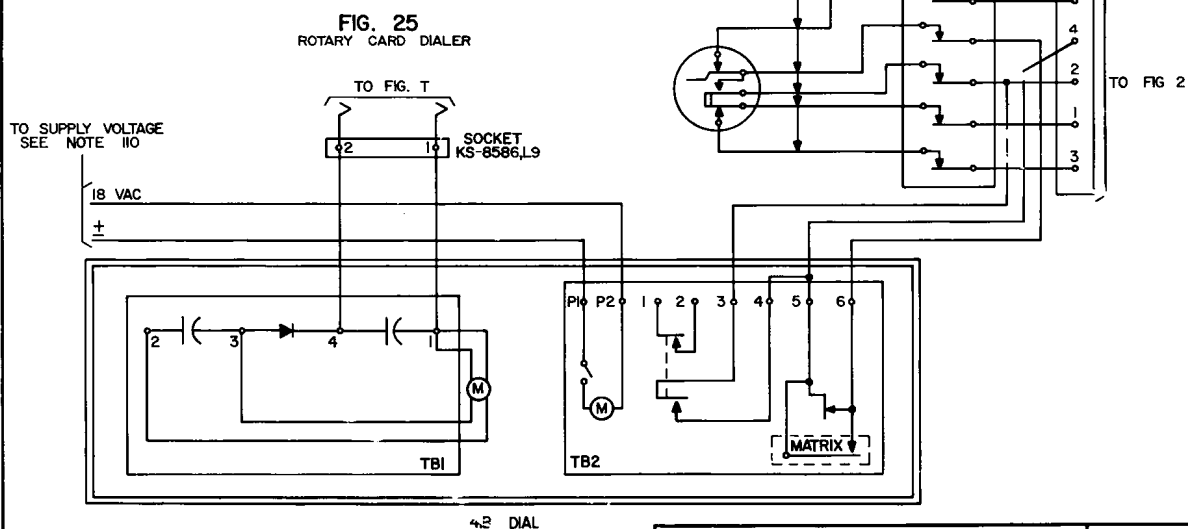
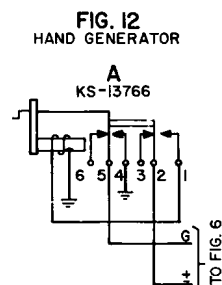
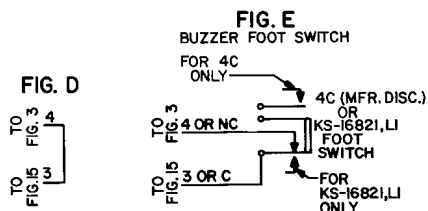
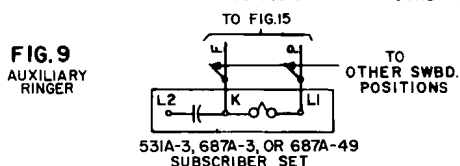
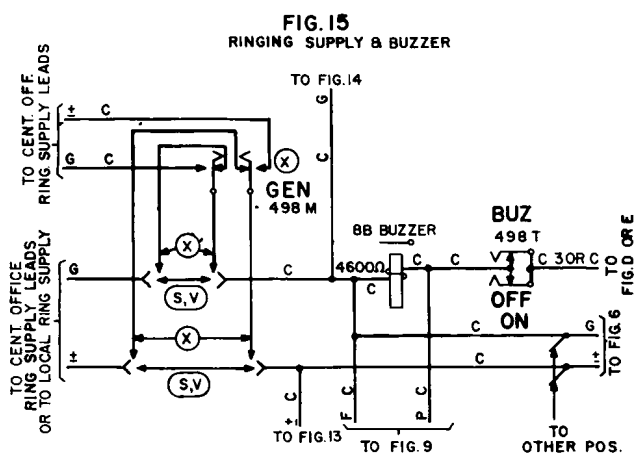
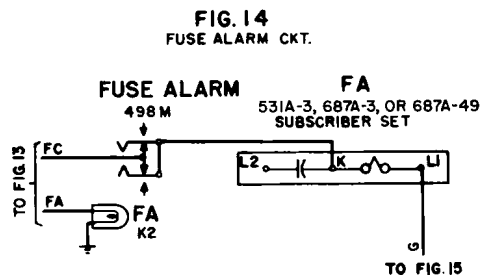
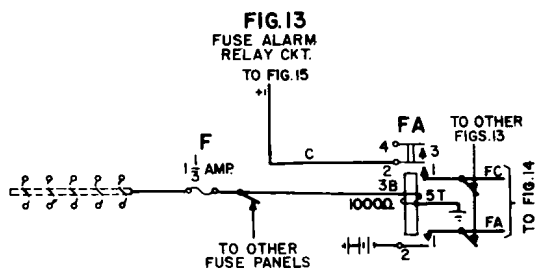


FIG. 23
TOUCH-TONE CALLING,
DIAL AUX. CKT.





PBX SYSTEMS
NO. 557A
CORD, TELEPHONE, DIAL,
AUXILIARY SIGNAL,
STATION LINE, POSITION GROUPING,
RINGING AND BATTERY
CIRCUITS

SD-65714-01-B3

BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE
35

PRINTED IN U.S.A.

FIG. 17
POSITION GROUPING CIRCUIT
MODIFICATION OF
POSITION NO. 1

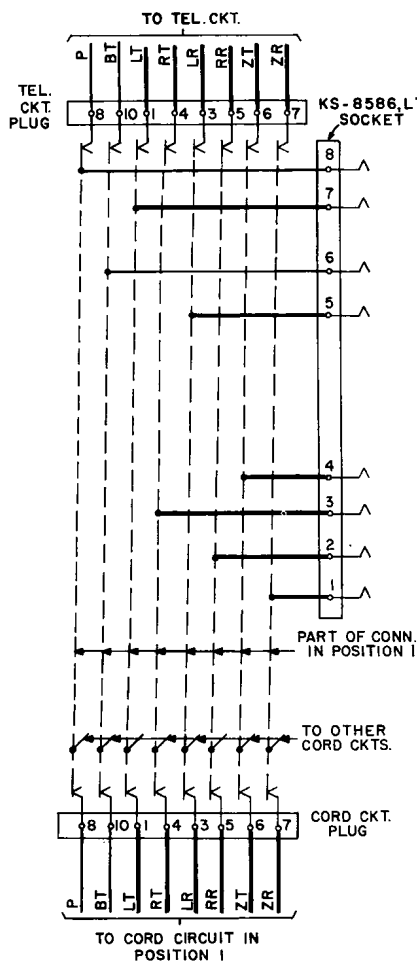


FIG. 18
POSITION GROUPING CIRCUIT
MODIFICATION OF TELEPHONE
CKT. IN POS. NO. 2

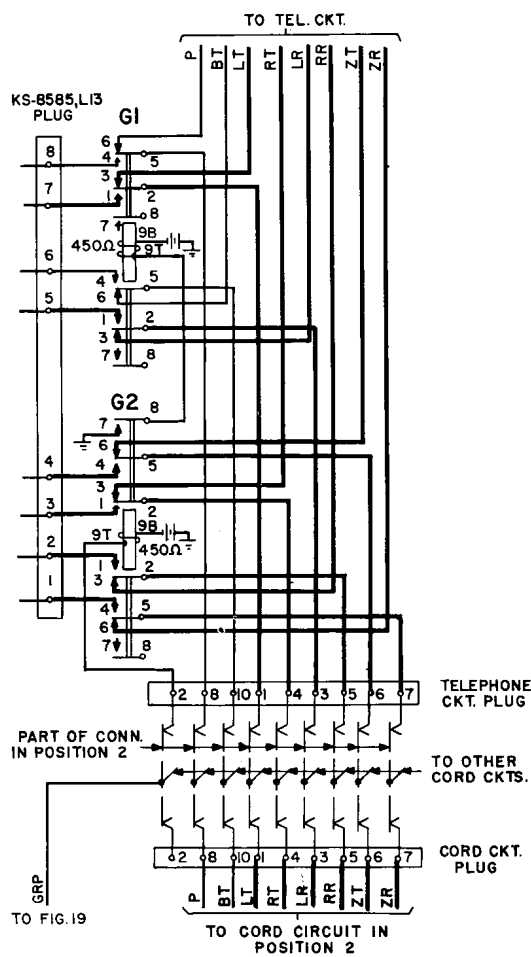


FIG. 19
POSITION GROUPING KEY

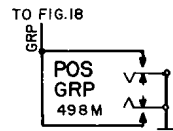


FIG. 20
TEAMWORK ANSWER JACK

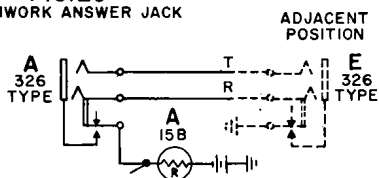
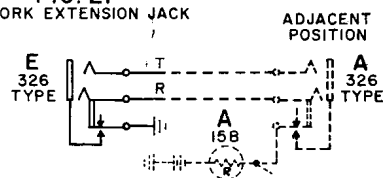


FIG. 21
TEAMWORK EXTENSION JACK



CIRCUIT NOTES:

101. PROVIDE FUSES PER POSITION IN BATTERY SUPPLY IN.

1. LOCAL PBX BATTERY CHARGE AND DISCHARGE CIRCUIT 2 - 1 1/3 AMP FUSES
2. BUILDING PBX BATTERY CHARGE AND DISCHARGE CIRCUIT 2 - 1 1/3 AMP FUSES
3. CENTRAL OFFICE BATTERY SUPPLY CIRCUIT FOR PBX'S, 2-1 1/3 AMP FUSES EXCEPT AS RESTRICTED BY FEEDER RESISTANCE TABLE.

102.

FEATURE OR OPTION		PROVIDE		QUANTITY
		FIGS	APP OR WIR	
CORD CIRCUIT		1		
SUPERVISION ON INC TRUNK CALLS & ATT DIALED OUT TRUNK CALLS	THRU ON OUT & NON-THRU ON IN **	H		MAX 15 PER POS
	THRU		H	
	NON-THRU		J	
TRUNK CONDUCTOR LOOP RES WHEN CENT OFF RANGE IS				
HOLDING BRIDGE	635 Ω			
RES. SEE	1500 500 Ω & OVER		F, G	
WORKING LIMITS	2500 400 Ω TO 500 Ω 500 Ω & OVER		G	
**	3500 200 Ω TO 400 Ω 400 Ω TO 500 Ω 500 Ω TO 1150 Ω		F	
SUPERVISORY RELAY SHUNT	4500 0 TO 200 Ω 0 TO 400 Ω 0 TO 900 Ω			
WHEN CABLE PAIR TO ANY ONE STATION EXCEEDS 1000 FEET INCLUDING BRIDGED TAPS		L		
TELEPHONE AND DIAL CIRCUIT		2 & 7		
DIAL	NOT REQUIRED	8	* ZE	1 PER POS.
	ROTARY 10 P.P.S.	8	Y, ZE	
	20 P.P.S.	8	Z, ZE	
	TOUCH-TONE	23, 24	ZF	
	CARD ROTARY 10 P.P.S.	25, 26	ZE, Y	
	DIAL TOUCH-TONE 20 P.P.S.	25, 26	ZE, Z	
	TOUCH-TONE	23, 24	ZF	
MONITORING		S		
WITHOUT MONITORING		F		
TELEPHONE SET		A		
AUX. TEL. CKT		4		
WITH ZIP TONE		Q		
POSITION SPLITTING KEY CIRCUIT		27		
BUSY TEST ON IDLE CORD CKT. WITHOUT ZIP TONE		M		
ZIP TONE	WITHOUT BUSY TEST	R, V		
	WITH BUSY TEST	R, V	ZG	
TOUCH-TONE DIAL EXCLUSION			ZK	
AUX SIG. BAT DIST. AND GEN KEY CKT		3, 6		
BUZZER FOOT SWITCH	REQUIRED	E		1 PER INSTAL
	NOT REQUIRED	D		
AUG. SIG. CKT. FOR MULT. TRUNKS		16		1 PER INSTAL
STATION LINE CIRCUIT		5		1 PER APPEARANCE MAX 4 (L) LAMPS
NON MULTIPLE		B		1 PER STA. LINE
MULTIPLE		C		
AUXILIARY RINGER		9		
SERVICE OBSERVING		11		1 PER POS
FUSE ALARM RELAY CKT.		13		1 PER INSTAL
FUSE ALARM CKT		14		1 PER INSTAL
RINGING SUPPLY, BUZZER & BAT. CUT-OFF		15		1 PER INSTAL
EMERGENCY RINGING SUPPLY	FROM CENT. OFF. RING SUP LEAD		X	
	FROM HAND GEN.	12	V	1 PER POS
	NOT REQ.		S	
POSITION GROUPING	POS. GROUPING CKT. FOR POS. NO. 1	17		1 PER POS
	POS. GROUPING CKT. FOR POS. NO. 2	18, 19		
FIRST POSITION IN SWITCHBOARD			R	
TEAMWORK	EXTENSION JACK	21		2 PER POS
	ANSWER JACK	20		2 PER POS
BAT. CUTOFF KEY	REQUIRED		ZB	1 PER POS
	NOT REQUIRED		ZA	
BAT. CUTOFF KEY PROVIDED BUT NOT REQUIRED FOR TIE TRUNK		22	ZC	1 PER POS
** SEE NOTES 107 & 108				
• SPLICE LEADS a & b				

DRAWING

ISSUE

5D PD CRA

6D CRG - TEB

7D P.P.S. J.P.C. P.C.

8D P.P.S. P.C.

PBX SYSTEMS

NO. 557A

CORD, TELEPHONE, DIAL,
AUXILIARY SIGNAL
STATION LINE, POSITION GROUPING,
RINGING AND BATTERY
CIRCUITS

BELL TELEPHONE LABORATORIES INCORPORATED

DWG NO
35

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SD-65714-01-D1

CIRCUIT NOTES (CONTINUED):

103. THE MAXIMUM RESISTANCE OF THE BATTERY AND GROUND LEADS BETWEEN CAP. (B) AND LAST STATION LINE CIRCUIT SHALL NOT EXCEED 0.25Ω PER LEAD.
104. TO PROVIDE SATISFACTORY BALANCE THE DIFFERENCE IN CAPACITY BETWEEN CAP. (A) AND (B), FIG.1, SHALL NOT EXCEED .055 μF.
105. RUN SEPARATE WIRES IN EACH DIRECTION FROM VARISTOR (A) FIG.4 AND VARISTOR (B) FIG.2 AS INDICATED.

RECORD OF FIGURES, WIRING, AND APPARATUS CHANGES						
CHANGED ON ISS.	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN.	SEE NOTE	USE IN CIRCUIT		
				STD.	ABM	M.D.
2D	DIALS			6A		5H
3B	FIG.N OR FIG.P	FIG.N		6G		5KB
3B	H.J	FIG.J,K OR H	108	FIG.P		FIG.N
3B	F.G	T.W OR NONE	108	FIG.		FIGS.J,K
3B	DIODES			400J		400B
3B	N OR P	P		N		P
3B	SUB. SET			687A-3		531A-3
3B	D OR E	D		E		D
3B	A OR B	B		A		B
3B	M OR K	M		K		M
3B	DIALS			6R-3		6A
3B	FOOT SWITCH			KS-1682LLI		4C
4D	ZA, ZB OR ZC	NONE	102	ZA, ZB OR ZC		
4D	FIG. 22	NONE	102	FIG. 22		
5D	SUBSET			687A-49		687A-3
6D	ZE OR ZF	ZE		ZE OR ZF		
7D	FIG 25	NONE	102	FIG 25		
7D	FIG 26	NONE	102	FIG 26		
7D	FIG S	FIG G		FIG S		FIG G
7D	FIG 27	FIG 10		FIG 27		FIG 10
7D	FIG R	FIG M		FIG M OR R		
7D	FIG ZG	NONE		ZG		
7D	FIG Q	NONE		FIG U		
7D	ZK	NONE		ZK		
7D	FIG T	FIG U		FIG T OR U		

112 REF TO FIGS. Q & R

SUPPLY VOLTS	RES	OPTION
16 - 24V	0 Ω	ZH & ZJ
24 - 35V	400 Ω	ZH
35 - 52V	1000 Ω	ZJ

107. THE CONTACTS OF (RB) RELAY, FIG. P ARE PERMANENTLY OPERATED BY A MECHANICALLY LOCKED ARMATURE. IN THIS CONDITION OPTIONS F,G,H, AND J ARE PROVIDED. WHEN AN OPTION IS NOT USED, OPEN THE ASSOCIATED CONTACT BY PLACING PLASTIC SLEEVING PER P32B860 ON SPRINGS 1T, 3T, 1B OR 3B.
108. WHEN EXISTING CIRCUITS EQUIPPED WITH FIG. J OR K OR OPTION T OR W ARE MODIFIED TO PROVIDE FIG. P, FIG. J OR K AND OPTION T OR W MUST BE REMOVED.
109. THE GROUND ON THE AUXILIARY SIGNAL CIRCUIT RELAYS (NA) AND (NB) WHEN USED WITH THE CONCENTRATOR-IDENTIFIER SYSTEM SHALL BE THE SAME GROUND AS THE CONCENTRATOR-IDENTIFIER GROUND.
110. SUPPLY VOLTAGE MAY BE OBTAINED FROM A 2075A TRANSFORMER. THE ROTARY CARD DIALER HAS A POWER DRAIN OF 3 WATTS. THE VOLTAGE AT TERMINALS P1 & P2 SHALL BE WITHIN 13-18 VAC.
111. TONE SUPPLY IS A 102A FREQ. GEN. OR EQUIVALENT. INPUT TO 102A IS 115 VAC, OUTPUT TERMINALS ON 102A FREQ. GEN. MUST BE SELECTED TO GIVE SUFFICIENT VOLUME. NO LOAD OUTPUT VOLTS ARE:

BETWEEN TERMINALS	OUTPUT VOLTS
2-3	.7V
3-4	1.6V
1-2	2.2V
1-3	2.9V
1-4	4.5V

PBX SYSTEMS
NO. 557A
CORD, TELEPHONE, DIAL,
AUXILIARY SIGNAL,
STATION LINE, POSITION GROUPING
RINGING AND BATTERY
CIRCUITS

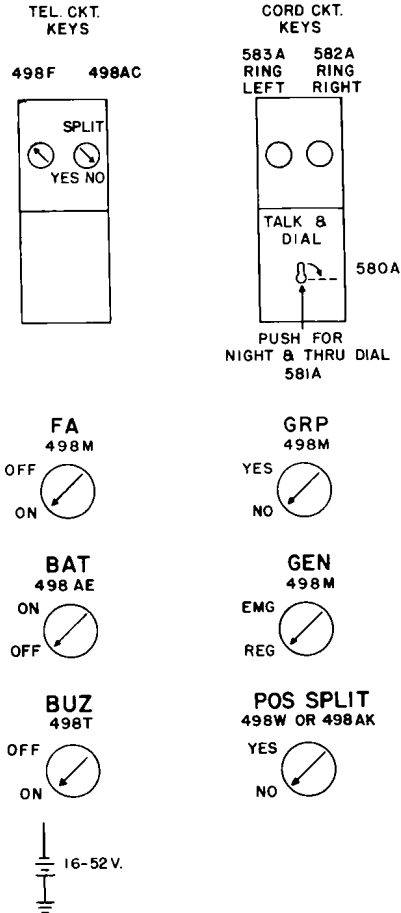
BELL TELEPHONE LABORATORIES

DWG. SIZE
3S

SD-65714-01-D2

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OPTIONS USED			
FIGS.	APP OR WIRING		
1	A	Z	ZC
2	B	Y	ZD
3	C	X	ZE
4	D	W	ZF
5	E	V	ZG
6	F		ZH
7	G	T	ZJ
8	H	S	ZK
9	J	R	
10	K		
11	L	P	
12	M	N	
13	N	M	
14	P	K	
15	Q	J	
16	R	H	
17	S	G	
18	T	F	
19	U	E	
20		D	
21		B	
22		A	
23		ZA	
24		ZB	
25			
26			
27			



STATION SUPERVISION		STATION SIGNALING		FIG. 3		FIG. C	
FIG. 1 (CS) RELAY RANGE		FIG. 5		FIG. 3		FIG. C	
MIN. VOLTAGE		MIN. VOLTAGE		MIN. VOLTAGE		MIN. VOLTAGE	
16V.	18V.	16V.	18V.	20V.	22V.	24V.	26V.
MAX. EXT. CKT. LOOP RES.	450Ω 600Ω 780Ω 150Ω 240Ω 330Ω 420Ω 510Ω 600Ω	675Ω 850Ω 1000Ω 1150Ω 1300Ω 1450Ω					
MIN. INS. RES.	30,000Ω 30,000Ω 30,000Ω * * * * *	8000Ω 20,000Ω					

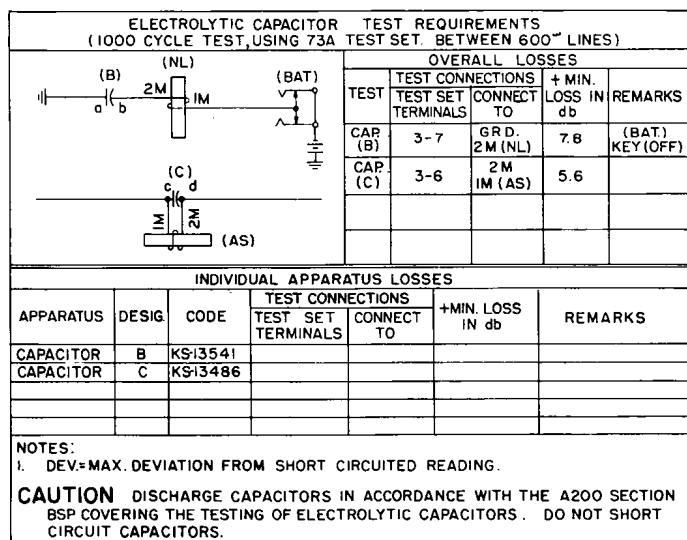
* LIMITED BY FIG. 3
 ** COMBINED INSULATION RESISTANCE OF ALL STATION LINES WITHOUT LINE RELAYS
 (FIGS. 5 & B) COMMON TO ONE (NL) RELAY (FIG. 3).

MINIMUM FEEDER
RESISTANCE IN OHMS

3	102	
4	91	
5	85	2
6	80	5
7	73	9
8	67	11
9	62	15
10	59	16
11	56	18
12	54	19

NUMBER OF CORDS	16V.	18V.	20V.	22V.	24V.	26V.	28V.	30V.	32V.	34V.
-----------------	------	------	------	------	------	------	------	------	------	------

R OF CORDS	16 V.	18 V.	20 V.	22 V.	24 V.	26 V.	28 V.	30 V.	32 V.	34 V.
3	102	85	74	59	49	41	34	28	23	18
4	91	75	63	52	44	37	30	25	20	16
5	85	70	59	49	41	34	29	23	19	15
6	80	66	55	46	39	32	27	22	18	14
7	73	60	50	42	35	29	24	20	16	13
8	67	57	47	40	33	28	23	18	15	12
9	62	51	43	35	30	25	21	17	14	
10	59	49	40	34	28	24	20	16		
11	56	47	39	32	27	23	19			
12	54	45	37	31	26	22	18			



PRX SYSTEMS
NO. 54-74
CORD, TELEPHONE, DIAL,
AUXILIARY SIGNAL,
STATION LINE, POSITION GR USING
RINGING AND BATTERY
CIRCUIT

BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE
35

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PBX SYSTEMS
 NO. 557A
 CORD, TELEPHONE, DIAL,
 AUXILIARY SIGNAL,
 STATION LINE, POSITION GROUPING,
 RINGING AND BATTERY
 CIRCUITS

BELL TELEPHONE LABORATORIES
 INCORPORATED

2
 35

SD-65714-01-D5

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SD-65714-01																				CIRCUIT REQUIREMENTS				DRAWING ISSUE	
NO. 557A CORD, TELEPHONE, DIAL, AUX SIGNAL, STATION LINE, POS GRP, RING. & BAT. CKT (CORD)(TEL)(AUX TEL)																				5D	PO				
APPARATUS				MECH REQ			CIRCUIT PREPARATION				DIRECT CURRENT FLOW REQ							REMARKS	CRA						
DESIG	CODE	OPT.	FIG.	BSP FIG.	CONT PRES	ARM. TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR	AFTER SOAK MA	TEST MA	READJ MA									
								CONN BAT.	CONN GRD																
RELAYS																									
AD	UA15		H	110/101	H	35	(T) O		(T)AD	GRD	4		O		5.3	5			60	RPA					
							(T) O		(T)AD	GRD	4		R		0.8	0.9			70	JPK					
AS	B1177		I	16		SPL				GRD	1,2,3		O	FS	8.6	7.7									
										GRD	1,2,3		NO	FS	4.8	5.4									
										GRD	1,2,3		R	FS	2.9	3.3									
ATA	Y 187		R	175/131	H	47		3B (ATA)	4T (ATA)	B/G			O	FS	19	18									
ATB	Y 187		Q	175/131	H	47	2B (ATB)	3B (ATB)	4T (ATB)	B/G			O	FS	19	18									
BT	UA93		M,R	110/110	H	35		B(BT)		BAT.			O		5.2	4.9									
CD	B 68		T	3		30		1M (CD)	2M (CD)	B/G			O		1.3	1.2									
CS	UA97		I	110/144	H	35		BF(CS)	TR(CS)	M		P/S	O		10	9.5									
								BF(CS)	TR(CS)	M		P/S	R		2.6	2.8									
DE	U 841		2	192/192	H	29		3T (DE)	3B (DE)	B/G			O		10	9.5									
FA	U1254		13	111/101	H	29		B(FA)		BAT.			O		9.4	8.9									
G1,2	U235		18	118/118	H	50			T REL TST	GRD			O		24	22.5									
L	U6102		C	115/136	H	29			T(L)	GRD			O		12.3	11.7									
									T(L)	GRD			R		3.7	3.9									
NA,B	B1166		3	9		30		1M REL TST		BAT.	6		O	100	14.5	13.2									
								1M REL TST		BAT.	6		R	100	7.4	8.3									
NC	U723		3	111/110	H	35	1T(NC)		TF(NC)	GRD		P	O		21	20									
							3B(NC)		TR(NC)	GRD		S	O		21	20									
ND	B1166		16	9		30		1M(ND)		BAT.	6		O	100	14.5	13.2									
								1M(ND)		BAT.	6		R	100	7.4	8.3									
NL	B1166		3	9		30			2M(NL)	GRD	6		O	100	14.5	13.2									
									2M(NL)	GRD	6		R	100	7.4	8.3									
ON	UA95		2	111/101	H	29			T(ON)	GRD	5,7		O		8.5	8									
PS1	U573		4	151/151	H	41			T(PS1)	GRD			O		13.9	13.2									
PS2	UA94		4	181/181	H	35			T(PS2)	GRD			O		5.7	5.4									
PS3	U573		4	151/151	H	41			T(PS3)	GRD			O		13.9	13.2									
RB	UA98		N	NONE		O														NO ADJ REQ					
RB	UA150		P	111/111	H	29					8	P/S	O			11.3									
S	UA94		1	181/181	H	35	(T)(CS)O		T(S)	GRD			O		5.7	5.4									
SD	UA93		Q	110/110	H	35		5T(SD)		BAT			O		5.2	4.9									
SP	U1338		2	134/120	H	35	7T(SP)		T(SP)	GRD			O		11.2	10.6									
STA	B1083		R	7		35		1M(STA)	2M(STA)	B/G			O		4.9	4.7									
STB	B1083		Q	7		35		1M(STB)	2M(STB)	B/G			O		4.9	4.7									
T	UA93		1	110/110	H			B(T)		BAT.			O		5.2	4.9									
MISC																									
TALK & DIAL	580A KEY										9														
TEST NOTES:																									
1. CONNECT GRD TEST CLIP TO RING TERM. OF SPARE STA LINE CKT. INSERT RIGHT PLUG OF CORD CKT IN ASSOCIATED LINE JACK.																									
2. ARM. TRVL 20																									
3. TEST CONT MAKE MIN 3. TEST CONT SEPARATION MIN 3																									
4. OPERATE (NIGHT & THRU DIAL) KEY																									
5. REMOVE DIAL FROM DIAL MOUNTING. REMOVE ATTENDANT'S TEL SET FROM TEL SET JACKS OR WITH FIG. C, DISCONNECT TRANSMITTER CORD.																									
6. TEST CONT FOLLOW MIN 3. TEST CONT SEPARATION MIN 3.																									
7. CONN DIRECT BAT. B (ON).																									
8. AFTER ADJUSTING RELAY, TIGHTEN ADJUSTING NUT AGAINST ARMATURE UNTIL AT LEAST ONE STOP DISC TOUCHES THE CORE. REQUIREMENT IS FOR USE IN SHOP ONLY.																									
9. CONTACTS 3B-4B, 5B-6B, 7T-8T, AND 9T-10T SHALL MAKE BEFORE CONTACTS 3T-4T AND 5T-6T BREAK, CONTACTS 1T-2T SHALL MAKE AFTER CONTACTS 3T-4T AND 5T-6T BREAK.																									
PBX SYSTEMS NO. 557A CORD, TELEPHONE, DIAL, AUXILIARY SIGNAL, STATION LINE, POSITION GROUPING, RINGING AND BATTERY CIRCUITS										SD-65714-01-FI															
BELL TELEPHONE LABORATORIES INCORPORATED										DWG SIZE 3S PRINTED IN U.S.A.															

FIG. 51
(FOR FIG. 15, AND PARTS
OF FIGS. 6 AND 11)

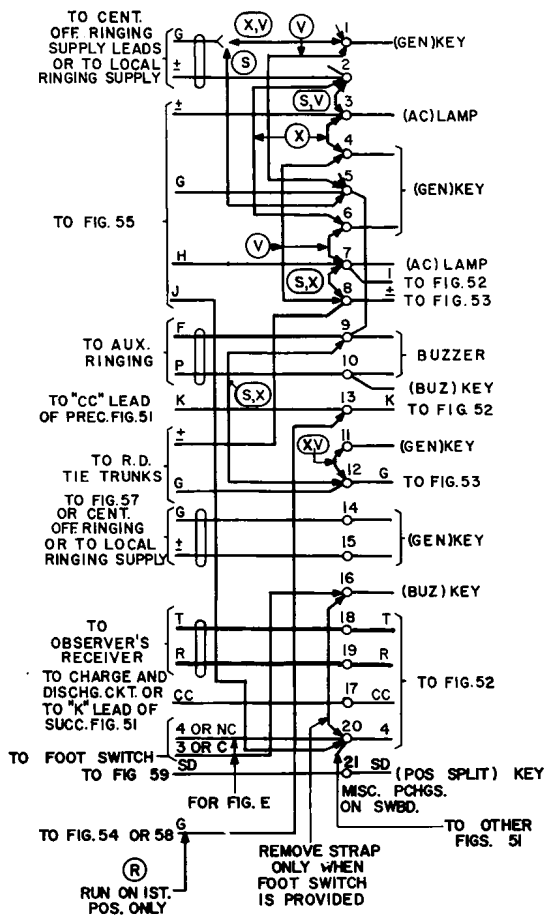
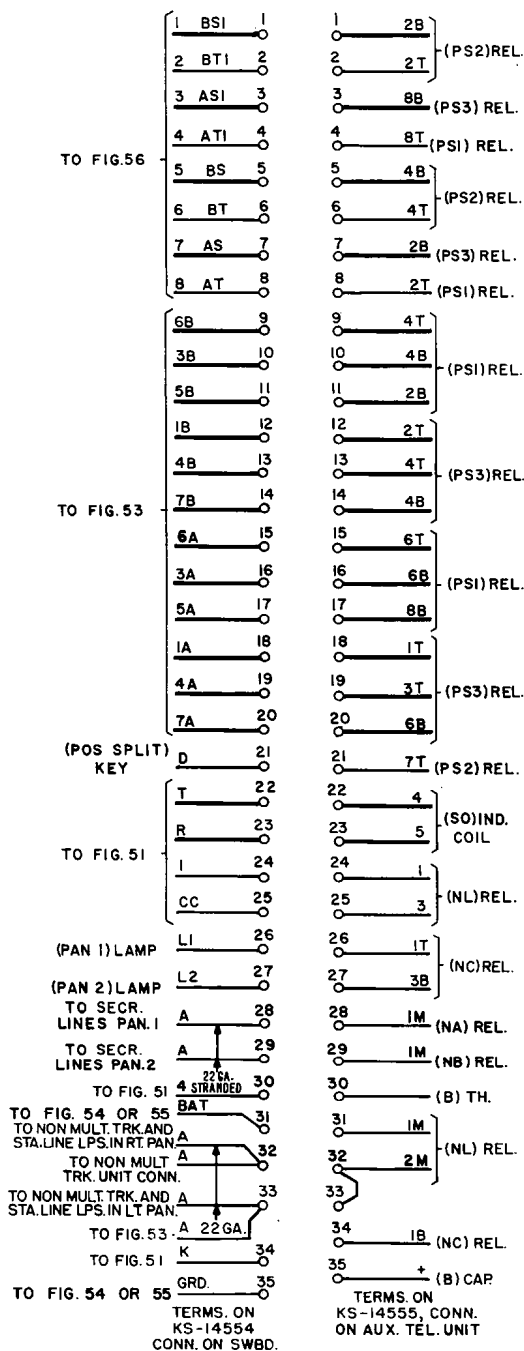


FIG.52
(FOR FIGS. 3,4 AND 11)



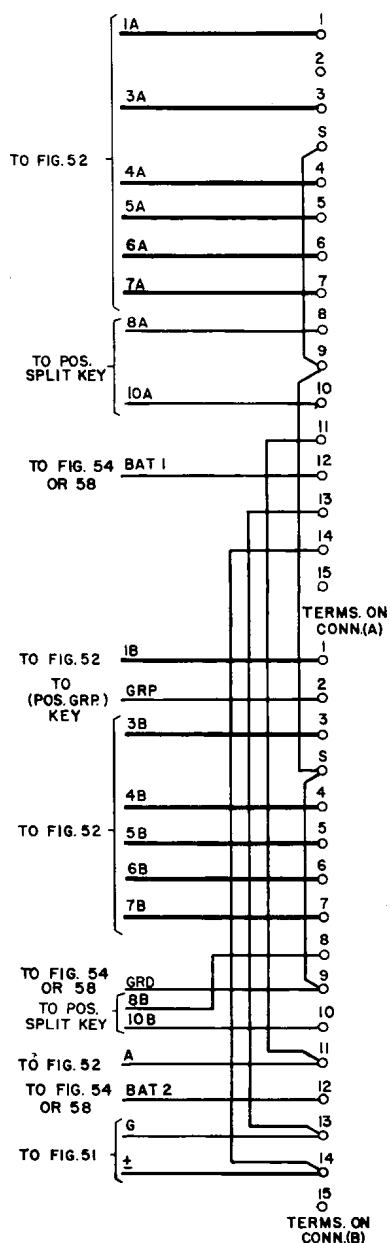
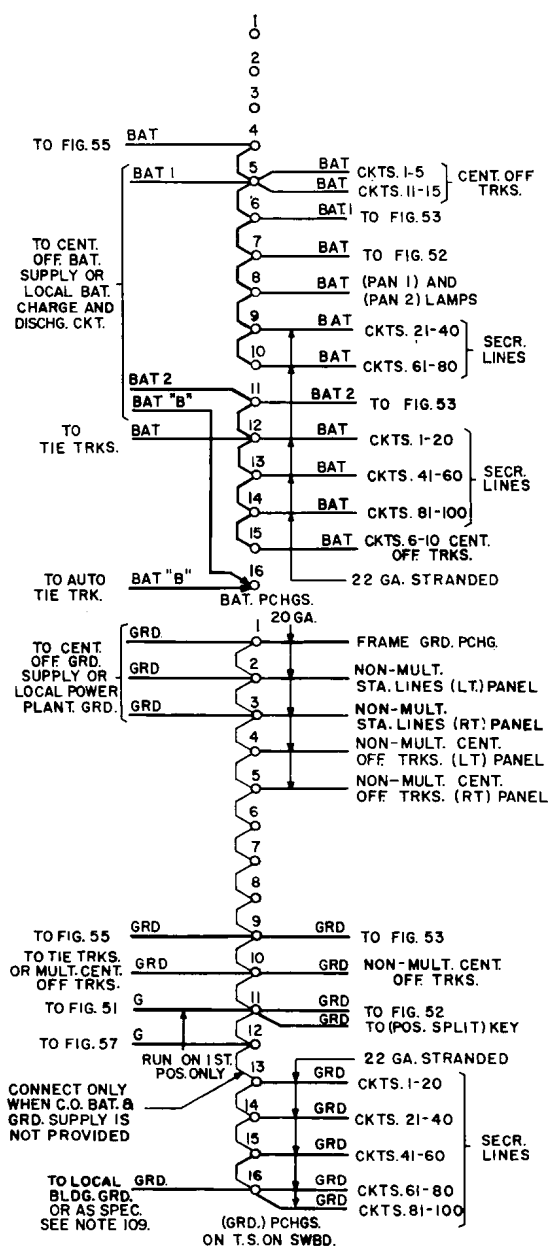
PRX SYSTEMS
NO. 557A
CORD, TELEPHONE, DIAL,
AUXILIARY SIGNAL,
STATION LINE, POSITION GROUPING,
RINGING AND BATTERY
CIRCUITS

BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE
35

SD-65714-01-G1

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FIG. 53
(FOR PART OF FIGS. 4 AND 6)FIG. 54 (MFR DISC.)
BAT. AND GRD.

PBX SYSTEMS
NO. 557A
CORD, TELEPHONE, DIAL,
AUXILIARY SIGNAL,
STATION LINE, POSITION GROUPING,
RINGING AND BATTERY
CIRCUITS

BELL TELEPHONE LABORATORIES
INCORPORATED

35

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FIG. 55
(FOR FIGS. C, 13 AND 16)

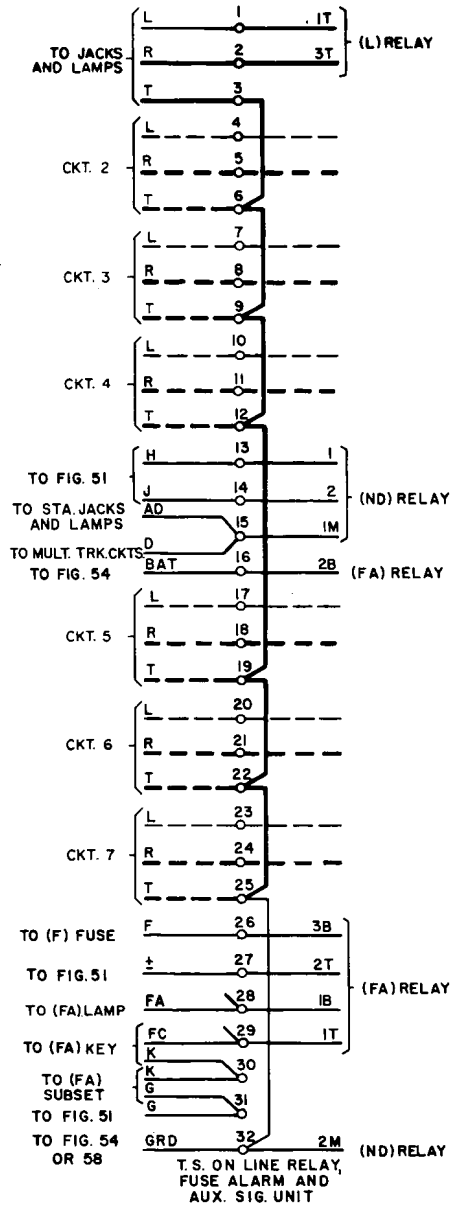


FIG. 56
(FOR FIGS. 7 AND 8)

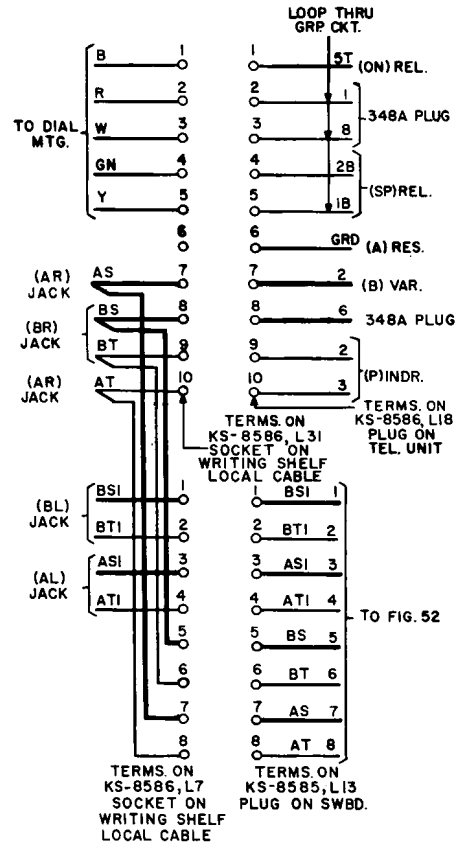


FIG. 57
(FOR FIG. 12)

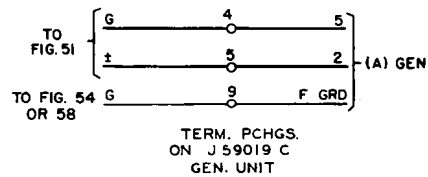


FIG. 58
BAT. AND GRD.

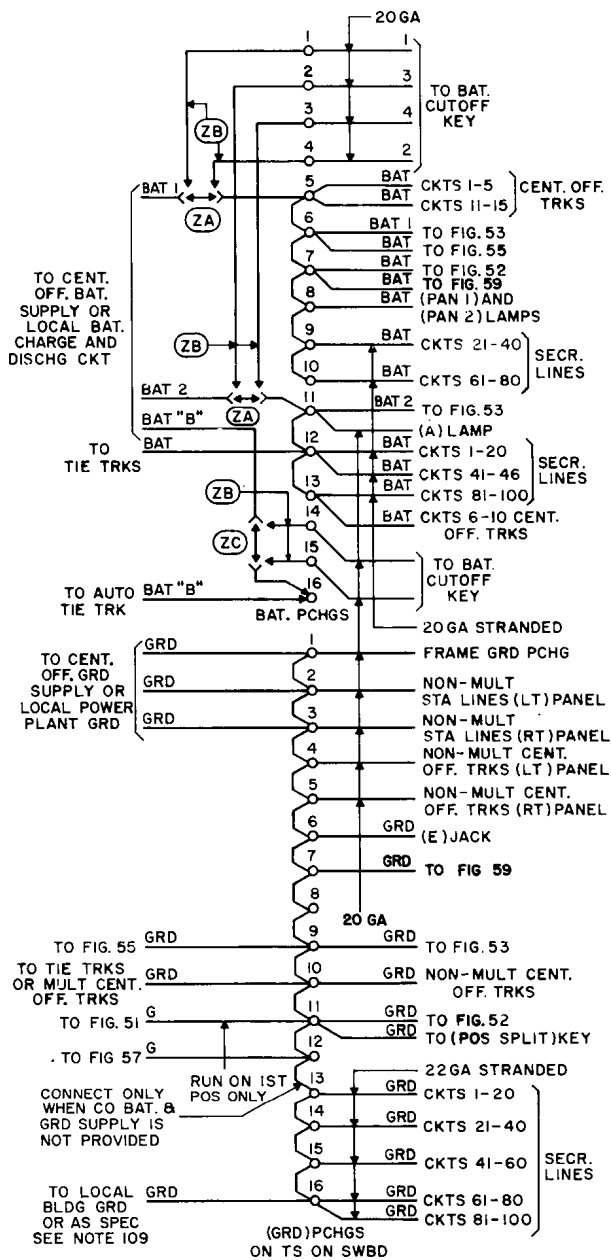


FIG 59
(FOR FIG V)

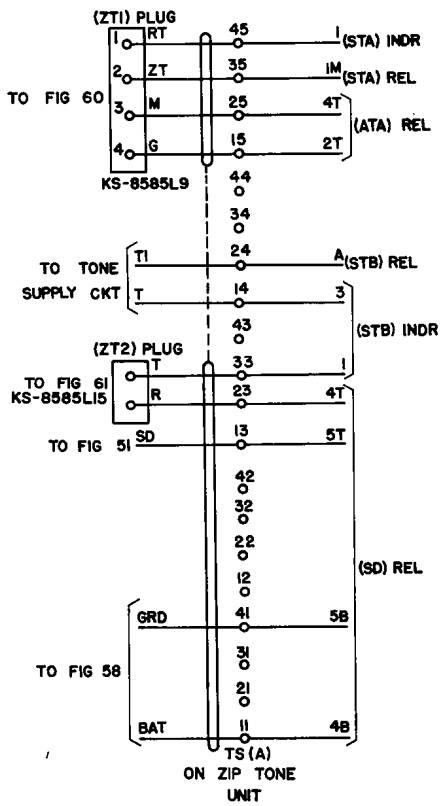


FIG 60
(FOR FIG 2 & R)

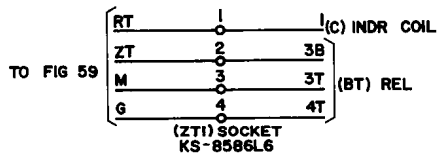
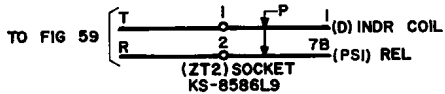


FIG 6I
(FOR FIG 4 & Q)



PBX SYSTEMS
NO. 557A
CORD, TELEPHONE, DIAL,
AUXILIARY SIGNAL,
STATION LINE, POSITION GROUPING,
RINGING AND BATTERY
CIRCUITS

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