PLEASE NOTE:

FOREMAN 02
FOREMAN 03
FOREMAN 04
FOREMAN 05
FOREMAN
FOREMAN
FOREMAN
FOREMAN

SHEET INDEX

FIG.	CONTENTS	SHEET NO.	ISSUE NO. 10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	OLD SHEET NO.
	SHEET INDEX SUPPORTING INFORMATION	A1	10	11	12	13	14	15	16	17	18										
1	SECRETARIAL LINE RELAY CKT ARRANGED FOR SECRECY AND NON-LOCKING LINE LAMP	B1	10	10	10	13	14	14	16	17	17										-011
2	SECRETARIAL LINE LAMP & JACK CKT	B2	10	11	12	12	14	14	16	16	18										-011
3 4	CENTRAL OFFICE TRUNK CKT CENTRAL OFFICE TRUNK JACK CKT	B3	10	10	10	10	10	15	16	16	18										-012
5	CONCENTRATOR IDENTIFIER JACK CKT	B4	10	11	11	13	14	15	16	16	18										-012
6	LINE CONNECTING CABLE FOR SECRETARIAL LINES																				-012
7	SECRETARIAL LINE RELAY CKT ARRANGED FOR NON-SECRECY AND LOCKED IN LINE LAMP	B5	10	10	10	13	14	14	16	17	17										-013
8	SECRETARIAL LINE RELAY CKT ARRANGED FOR SECRECY AND LOCKED IN LINE LAMP	B6	10	10	10	13	14	14	16	17	17										-014
10	SECRETARIAL LINE RELAY CKT ARRANGED FOR SECRECY AND NON-LOCKING LINE LAMP	B7	10	10	10	13	14	15	16	17	17										-018
9	SECRETARIAL LINE LOCK UP RELAY																				-014
11	SECRETARIAL LINE RELAY CKT ARRANGED FOR NON-SECRECY AND LOCKED IN LINE LAMP	B8	10	10	10	13	14	14	16	17	17										-019
12	SECRETARIAL LINE RELAY CKT ARRANGED FOR SECRECY AND LOCKED IN LINE LAMP	B9	10	11	11	13	14	14	16	17	18										-018
13	LAMP TEST KEY																				-017
14																					
	CIRCUIT NOTES EQUIPMENT NOTES INFORMATION NOTES OPTIONS USED TABLE	01	10	11	12	13	14	14	16	17	18										-011, -014
	WORKING LIMITS	D2	10	10	10	10	10	10	10	10	10										
	TRANSMISSION TEST REQT TABLE	D3	10	10	10	10	10	10	10	10	10										
	CIRCUIT REQT TABLE	F1	10	10	10	10	14	14	14	14	14										-015
	CIRCUIT REQT TABLE (CONT)	F2	10	10	10	10	14	14	14	14	14										-015

DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS
1	1	2D	2D	3A	3A
4B	4B	5A	5A	6B	6B
7B	7B	8B	8B	9D	9D

DWG ISSUE	CD ISSUE	DATE ISSUED	DRAWN	APPD
100	9D APP 1O	5-10-63	CRA	LEV EwL PD
11A	9D APP 2A	5-11-64	JLP —	RRL FNR TEB
12D	9D APP 3D	4-19-65	RBB JPK	JAV FNR
13B	9D APP 4B	9-9-65	RPP KLH	JAV FNR PEG
14D	9D APP 5D	2-11-66	EGG JPK	JAV FNR PEG
15D	9D APP 6D	6-22-67	EJK RBB	CLD FNR
16D	10E	5-5-68	JGL RBB	JR FNR
17A	11A	10-9-70	AEZ	RLH AMG JS
18B	11A APP 1B	8-23-73	ZEM CHD	ADA OFG JS

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: 100

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT INFO	J59024

ISSUE

SD-65729-01 1J05

PBX SYSTEMS

NO. 5578
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

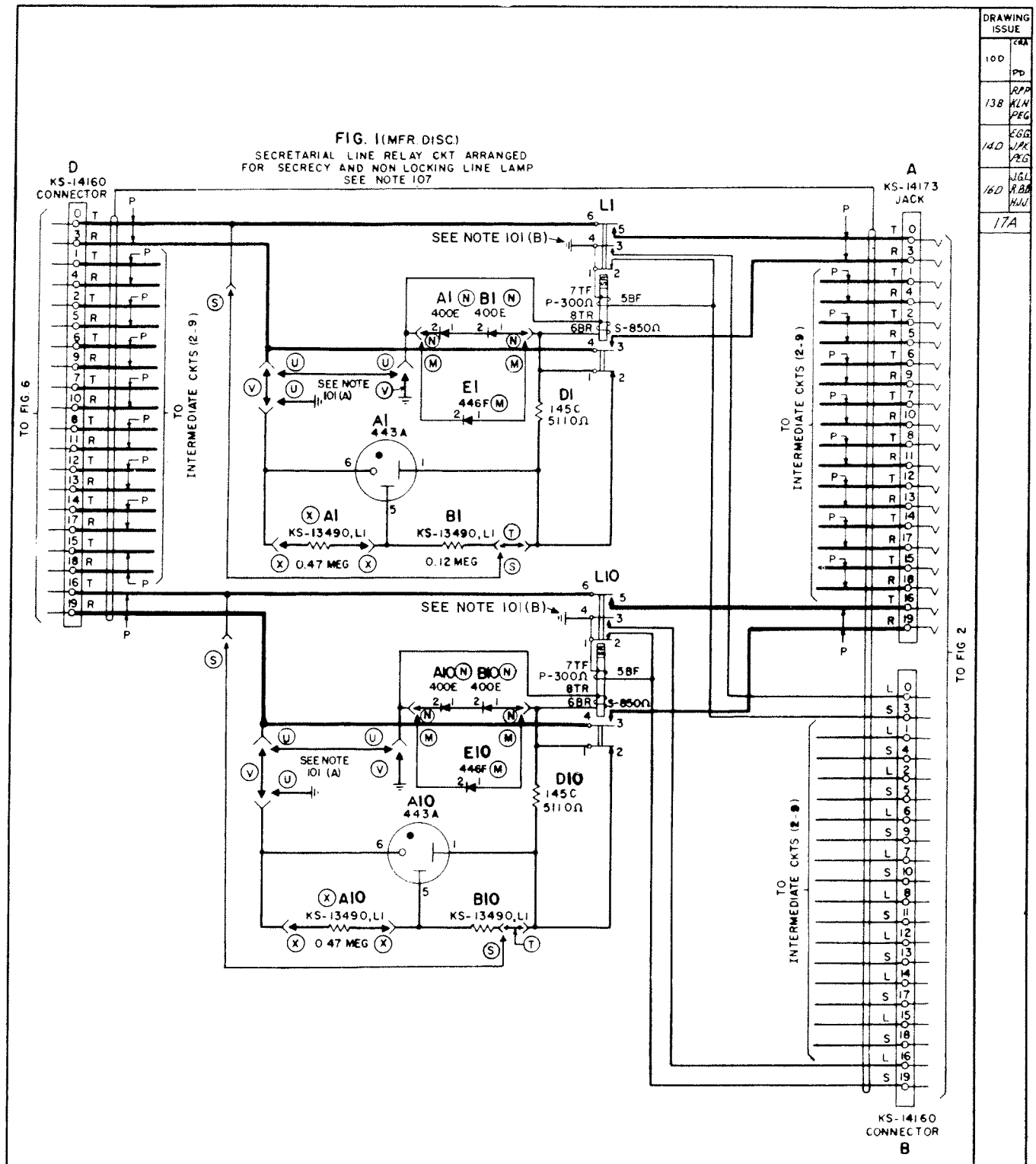
AT&TCO
STANDARD

SD-65729-01-A1
15 SHEETS

BELL TELEPHONE LABORATORIES
INCORPORATED

3S

HANDBOOK DRAWING



DRAWING ISSUE

100	CRA PD
138	RPP KLH PEG
140	EGG JAK PEG
160	JGL ABB HJJ
17A	

PBX SYSTEMS

NO. 557B
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

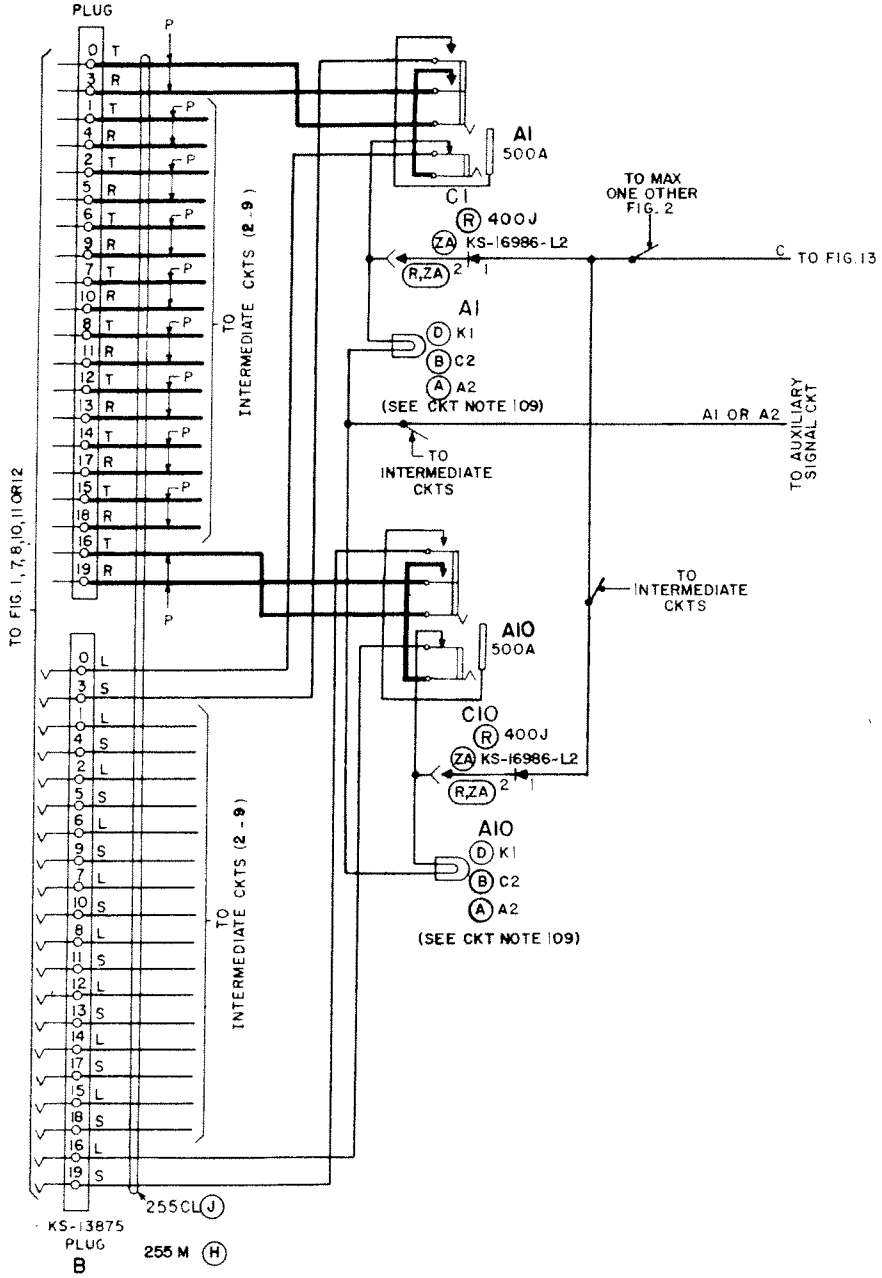
BELL TELEPHONE LABORATORIES
INCORPORATED

3S

SD-65729-01-81

PRINTED IN U.S.A.

FIG. 2
SECRETARIAL LINE
LAMP & JACK CKT



DRAWING ISSUE

10D	CRA PD
11A	JLP – TEB
12D	RHB JAK PEG
14D	EAG JAK PEG
16D	RDB RDB WJJ

ISSUE

PBX SYSTEMS

NO. 5S78
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

SD-65729-01-B2

BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE 3S

PRINTED IN U.S.A.

FIG. 3
CENTRAL OFFICE
TRUNK CKT

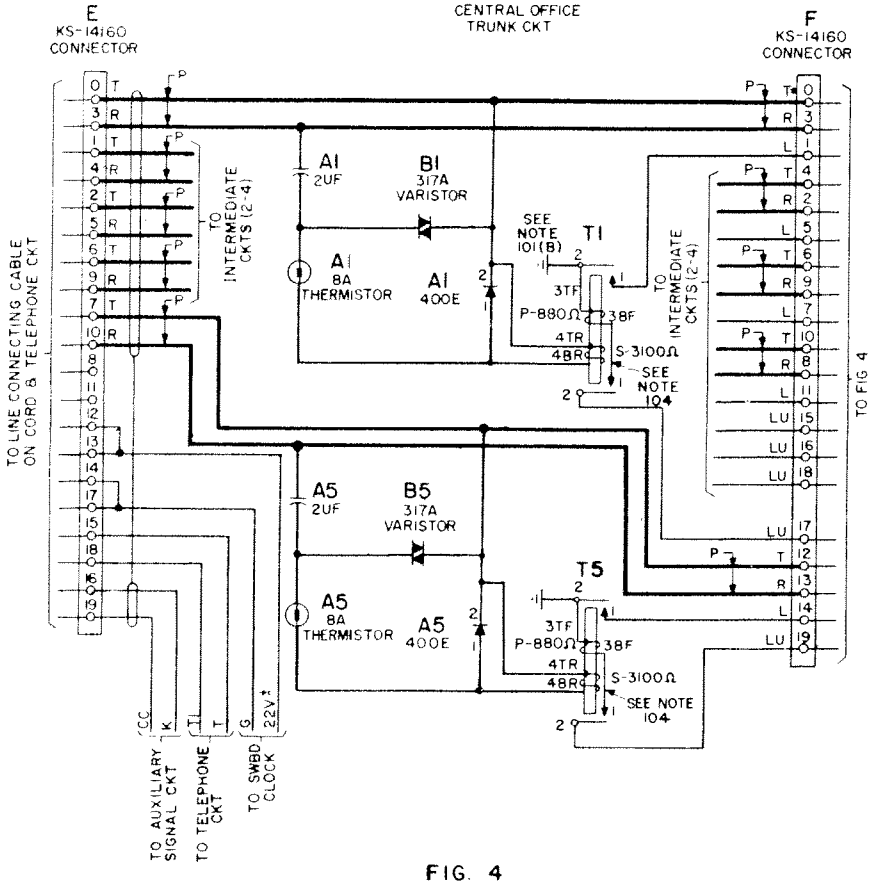
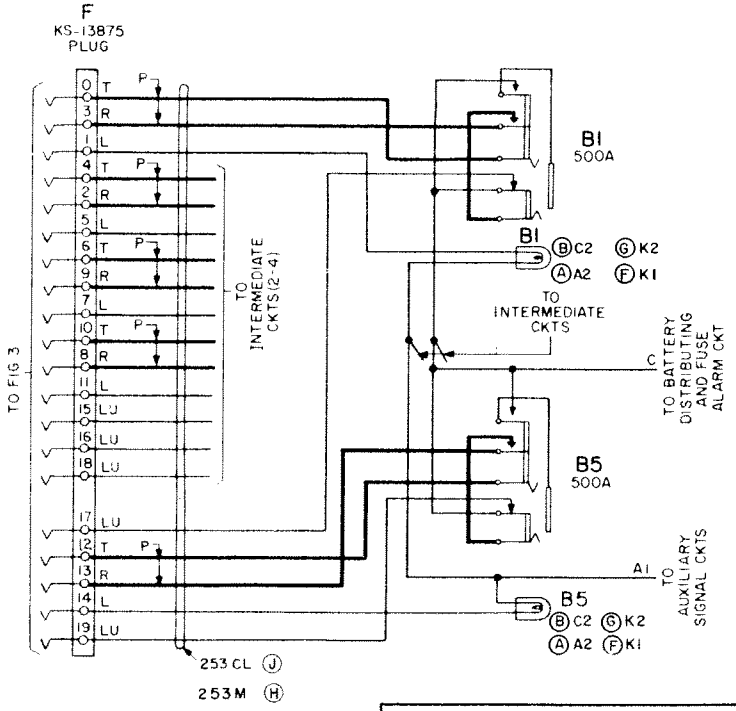


FIG. 4
CENTRAL OFFICE TRUNK
JACK CKT



DRAWING ISSUE

10D	CKK	
	PO	
15D	EJK	
	RBB	
	PEG	
16D	JBL	
	RBB	
	HJV	

ISSUE 18B

PBX SYSTEMS

NO. 557B
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

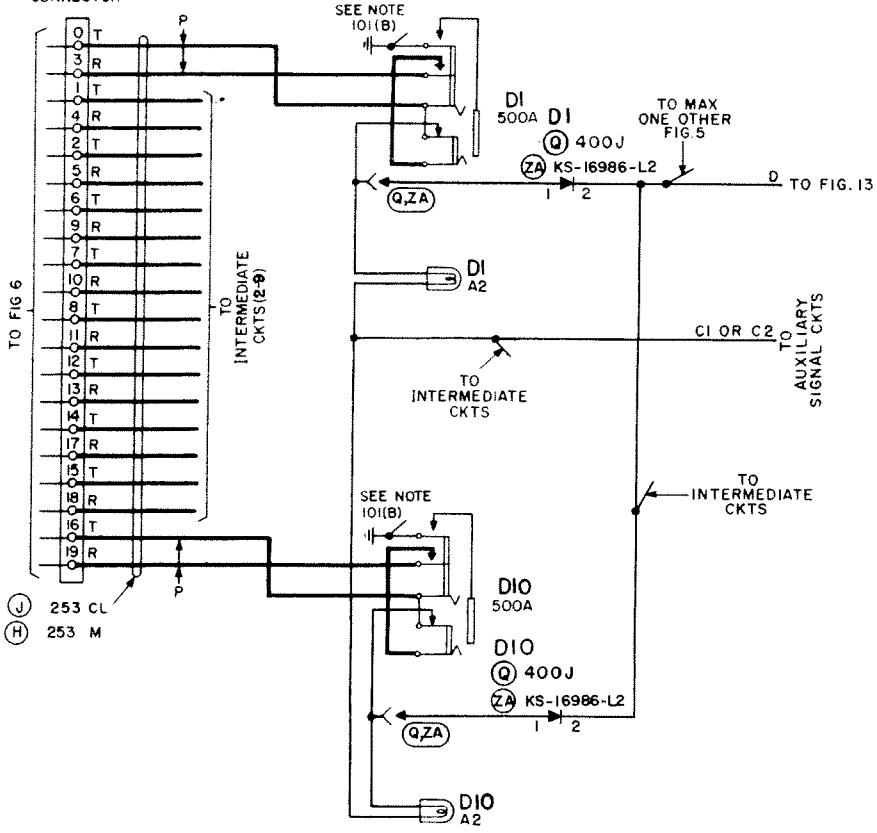
SD-65729-01-B3

BELL TELEPHONE LABORATORIES
INCORPORATED

DWG SIZE 3S

PRINTED IN U.S.A.

FIG. 5
CONCENTRATOR IDENTIFIER
JACK CKT



DRAWING ISSUE

10D	CRA FD
11A	JLP — TEB
13B	LHD KLH PEG
14D	EGG JAK PAG
15D	EJA RBB PEG
16D	JBL PBB HWJ

ISSUE

PBX SYSTEMS

NO. 557B
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

BELL TELEPHONE LABORATORIES
INCORPORATED

3S

SD-65729-01-B4

TO CENTRAL OFFICE, CONCENTRATOR IDENTIFIER OR AUX LINE FOR MJ MOBILE RADIO LINES (SEE NOTE 106)

D OR G KS-13875 PLUG (CKTS 81 - 90)

D OR G KS-13875 PLUG (CKTS 11-20) (CKTS 31-40) (CKTS 51-60) (CKTS 71-80)

D OR G KS-13875 PLUG (CKTS 61 - 70) (CKTS 41 - 50) (CKTS 21 - 30)

D OR G KS-13875 PLUG (CKTS 91-100)

D OR G KS-13875 PLUG (CKTS 1 - 10)

TO FIG 1, 5, 7, 8, 10, 11, OR 12

262 CL (MFR DISC) OR 101 PAIR "D" INSIDE WIRING CABLE SEE NOTE 201

FIG. 6
LINE CONNECTING CABLE FOR SECRETARIAL LINES

FIG. 7 (MFR. DISC.)
SECRETARIAL LINE RELAY CKT
ARRANGED FOR NON-SECRECY AND LOCKED IN LINE LAMP
SEE NOTE 103 & 107

D KS-14160 CONNECTOR

TO FIG 6

TO INTERMEDIATE CKTS (2-9)

GI KS13490LI 680

FI 446S

AI 400E

BI 400E

SEE NOTE 108

EI 446F

SEE NOTE 110

SEE NOTE 101(A)

AI 443A

DI 145C 5110Ω

LI

SEE NOTE 101(B)

7TF 58F

P-300Ω 8TR 68R S-850Ω

AI KS-13490, LI 0.47 MEG

BI KS-13490, LI 0.12 MEG

GIO KS13490LI 680

FIO 446S

AIO 400E

BIO 400E

EIO 446F

DIO 145C 5110Ω

LIO

AIO 443A

AIO KS-13490, LI 0.47 MEG

BIO KS-13490, LI 0.12MEG

A KS-14173 JACK

B KS-14160 CONNECTOR

TO FIG 2

PBX SYSTEMS
NO. 5578
SECRETARIAL LINE AND CENTRAL OFFICE TRUNK CIRCUITS

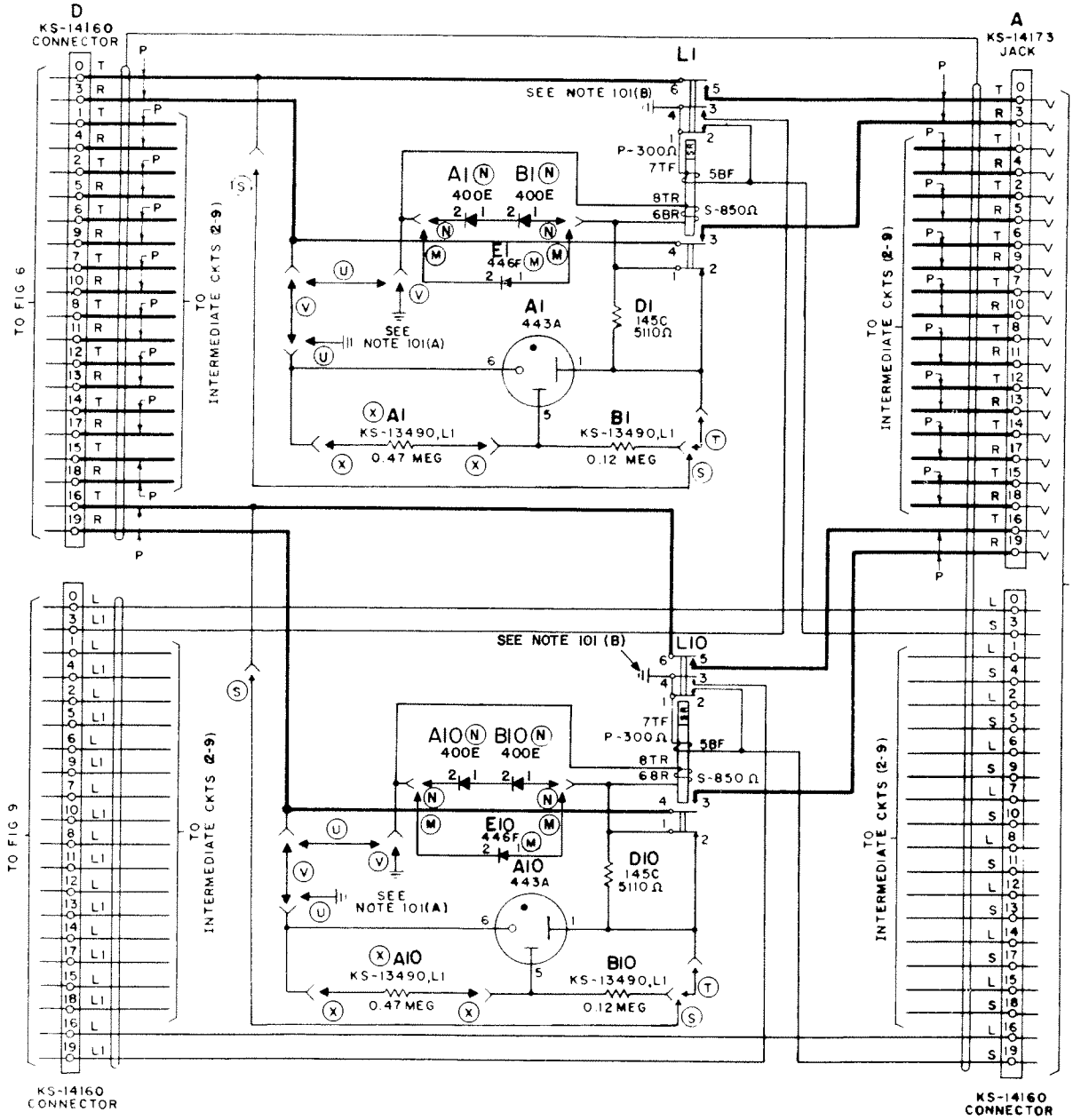
BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-65729-01-B5

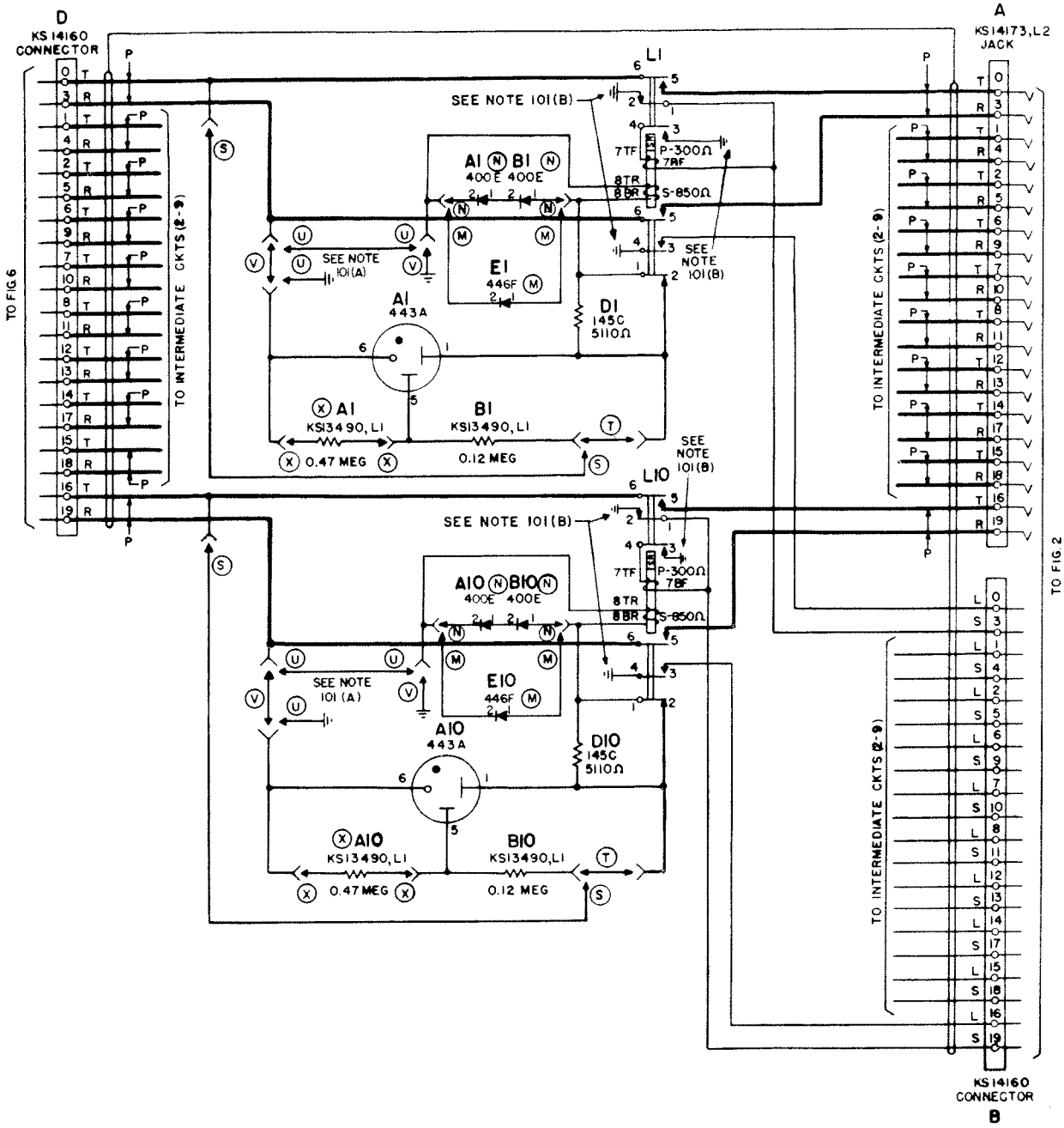
DRAWING ISSUE	
10D	CRA PO
13B	LHG KLH PEG
14D	EGB LPK PEG
16D	JGL RBB AWJ
17A	

FIG. 8 (MFR. DISC.)
SECRETARIAL LINE RELAY CKT.
ARRANGED FOR SECRECY AND LOCKED IN LINE LAMP
SEE NOTE 107



PBX SYSTEMS NO. 5578 SECRETARIAL LINE AND CENTRAL OFFICE TRUNK CIRCUITS	SD-65729-01-B6
BELL TELEPHONE LABORATORIES INCORPORATED	3S

FIG. 10
SECRETARIAL LINE RELAY CKT ARRANGED
FOR SECRECY AND NON LOCKING LINE LAMP
SEE NOTE 107



DRAWING ISSUE

10D	CRA PD
13B	RPP WLH PEG
14D	EGG JMK PEG
15D	EJK RBB PEG
16D	JGL RBB HJW
17A	

PBX SYSTEMS
NO. 5578
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

BELL TELEPHONE LABORATORIES
INCORPORATED

SIZE 3S

SD-65729-01-B7

DRAWING ISSUE	
10D	CRA PD
13B	RPP KLH PEG
14D	EGG VPK PEG
16D	JQL RBB HJJ
17A	

FIG. 9 (SPECIAL)
SECRETARIAL LINE
LOCK UP RELAY CKT

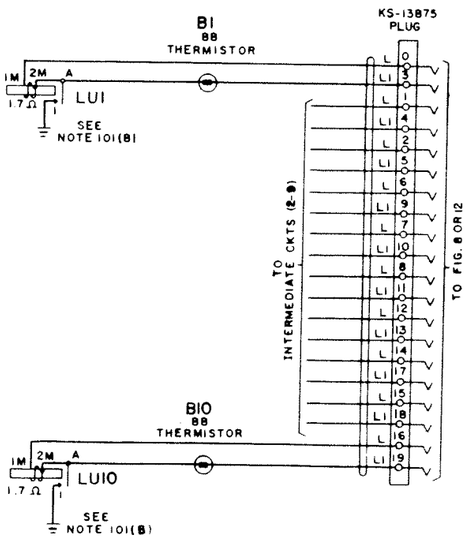
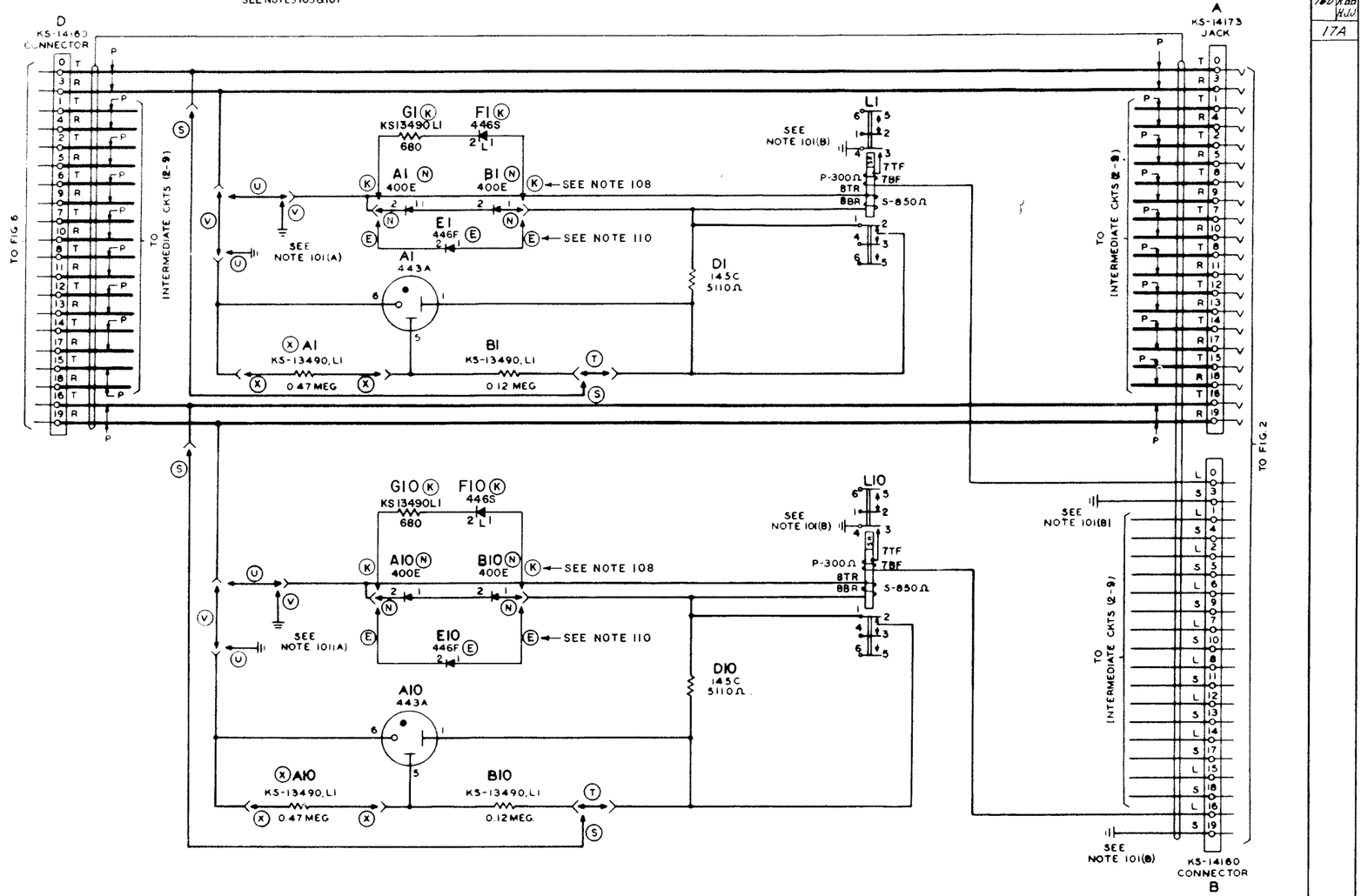


FIG. 11 (SPECIAL)
SECRETARIAL LINE RELAY CKT
ARRANGED FOR NON-SECRECY AND LOCKED IN LINE LAMP
SEE NOTES 103 & 107



PBX SYSTEMS
NO. 5578
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

BELL TELEPHONE LABORATORIES
INCORPORATED

SECTION 6S

SD-65729-01-88

FIG. 12 (SPECIAL)
SECRETARIAL LINE RELAY CKT
ARRANGED FOR SECRECY AND LOCKED IN LINE LAMP
SEE NOTE 107

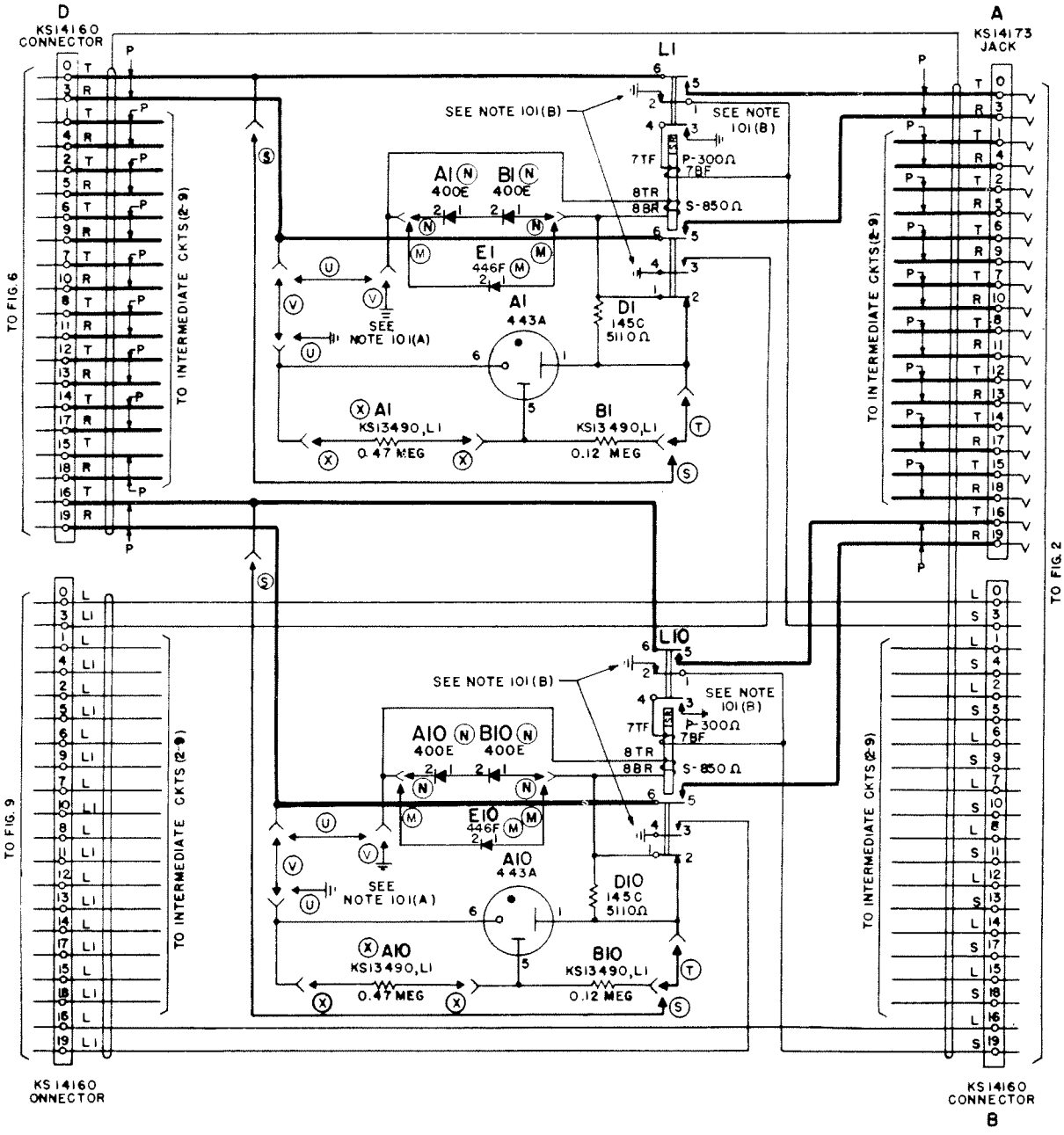


FIG. 13
LAMP TEST KEY

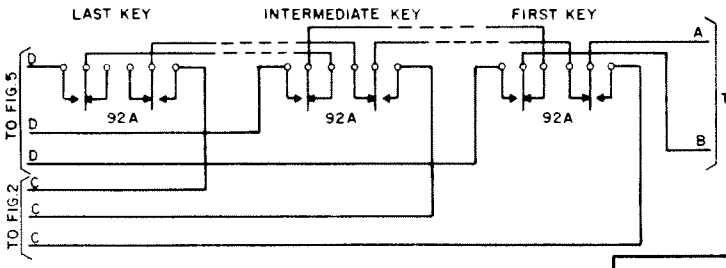
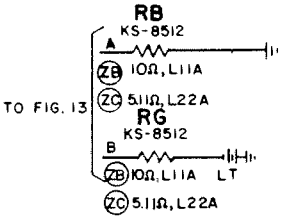


FIG. 14



DRAWING ISSUE

10D	CRA PD
11A	JLP – TEB
138	RAP KLW PES
140	EGG JAK AG
160	JGL RBB WJ
17A	

ISSUE

PBX SYSTEMS

NO. 5578
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

SD-65729-01-B9

BELL TELEPHONE LABORATORIES
INCORPORATED

OVER SIZE 3S

PRINTED IN U.S.A.

CIRCUIT NOTES:

101. (A) RINGING GROUND TO BE LOCAL GROUND AT TUBE SOCKET (FRAME)
(B) CENTRAL OFFICE OR POWER PLANT GROUND.
(C) LT FUSE-24V-3A-1 PER FIG. 14

102.

FEATURE OR OPTION		PROVIDE FIGS.	APP OR WIR	QUANTITY
SECRETARIAL LINE RELAY CKT		10	M	1 PER 10 CKTS
SECRETARIAL LINE LAMP AND JACK CKT		2		
CENTRAL OFFICE TRUNK CKT		3		1 PER 5 CKTS
CENTRAL OFFICE TRUNK JACK CKT		4		
CONCENTRATOR IDENTIFIER JACK CKT		5		1 PER 10 CKTS
CONNECTING CABLE		6		1 PER SWBD
SECRETARIAL LINE REL CKT ARRANGED FOR NON SECRET AND LOCKED IN LINE LAMP		SPL 11	K	1 PER 10 CKTS
SECRETARIAL LINE REL CKT ARRANGED FOR SECRECY AND LOCKED IN LINE LAMP		SPL 9&12	M	1 PER 10 CKTS
RINGING CURRENT IS	POSITIVE SUPERIMPOSED AND SILENT INTERVAL BATTERY (60-75V)		U, X, T	1 PER CKT
	POSITIVE SUPERIMPOSED AND SILENT INTERVAL BATTERY (45-52V)		U, T	1 PER CKT
	NEGATIVE SUPERIMPOSED AND SILENT INTERVAL BATTERY (60-75V)		U, X, T SEE NOTES 107, 108	1 PER CKT
	AC-DC OR NEGATIVE SUPERIMPOSED AND SILENT INTERVAL BATTERY (45-52V)		V, T SEE NOTES 107, 108	1 PER CKT
SECRETARIAL LINE AND CONCENTRATOR IDENTIFIER LINE LAMP TEST		13		1 KEY PER 20 LPS
		14		1 PER INSTL
			R, Q, ZA	1 PER SECRETARIAL LAMP OR 1 PER IDENT LAMP
LAMPS	20-28 V		A	
	30-52 V		B	

103. 20 VOLTS MIN REQUIRED FOR LOCK UP OF RELAY (LI-10) IN FIGS. 7 & 11.

104. FOR NON LOCKING TRUNK LAMP CUT STRAP LOCALLY.

105.

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	A&M	MD	SPL
6B				FIG 10		FIGS 1,7&8	FIGS 11,12
9D	S OR T	T		S		T	
9D	R	NONE		R			
9D	FIG 13&14	NONE		13&14			
11A	Q	NONE		Q			
11A	S OR T	S OR T		S, T			
13B	N OR M	N		M		N	
14D	E OR K	E	110	K		E	
	H OR J	J		H		J	
	F OR G	G		F		G	
18B	A, B OR D	D OR F	102	A, B		D, F	
	ZA	Q OR R		ZA		Q, R	
	ZB OR ZC	ZB		ZC		ZB	

106. WHEN RINGING CURRENT IS RECEIVED OVER THE TIP CONNECTOR FROM THE CONTROL OFFICE, THE TIP AND RING CONDUCTORS SHALL BE REVERSED AT THE CROSS CONNECTING BOX.

107. WHEN SECRETARIAL LINE CIRCUIT IS CONNECTED FOR AC-DC RING CURRENT OR NEGATIVE SUPERIMPOSED AND IS SUBJECT TO TWO PARTY FLAT RATE TESTS USING NEGATIVE COIN BATTERY PROVIDE S OPTION INSTEAD OF T OPTION.

108. OPTION K IS USED IN FIG. 7 AND FIG. 11 TO PREVENT FALSE OPERATION DUE TO DIAL PULSE TRANSIENTS IN SXS OFFICES.

MFR DISC

109. PROVIDE LAMP CODES AS FOLLOWS:

VOLTS	CODE
16	H1
24	A2
30	K1
36	C2
48	M1

110. PRIOR TO ISSUE 16D, OPTION E WAS PART OF OPTION M.

EQUIPMENT NOTES

201. LINE CABLE SHALL BE CONNECTED TO INDIVIDUAL PLUGS USING COLOR CODE SEQUENCE IN AGREEMENT WITH FIG. 4 OF INSTALLATION AND MAINTENANCE SPEC BSP SECTION B523.613

INFORMATION NOTES:

301. PRIOR TO ISSUE 14D NUMBERING SYSTEM IN FIGS 1, 2, AND 5 THROUGH 12 WAS 0 TO 99, IT IS NOW SHOWN AS 1 TO 100.

20-28V
30-52V

OPTIONS USED		
FIGS.	APP OR WIRING	
1		D
2		B
3	X	A
4		ZA
5	V	ZB
6	U	ZC
7	T	
8	S	
9	R	
10	Q	
11	N	
12	M	
13	K	
14	J	
	H	
	G	
	F	
	E	

DRAWING ISSUE	
10D	CRA PD
11A	JLP TEB
12D	RBB JPK PEG
13B	RBB KLH PBG
14D	EGG VRL PBG
16D	JBL RBB KLH
17A	

ISSUE

PBX SYSTEMS

NO. 557B
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 3S

SD-65729-01-D1

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WORKING LIMITS

RINGING RANGE - SECRETARIAL LINE

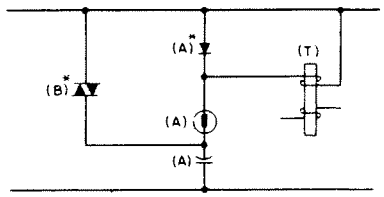
RINGING VOLTAGE AC	RINGING VOLTAGE DC	HIGH IMPEDANCE RINGING BRIDGES ON CALLED SUBSCRIBERS LINE	LINE INSULATION RESISTANCE OHMS	CONDUCTOR LOOP RESISTANCE - OHMS C EARTH POTENTIAL	5V EARTH POTENTIAL	10V EARTH POTENTIAL
72-88	30-34	1	50,000	1100	600	100
		2	50,000	700	200	NONE
		3	50,000	100	NONE	NONE
		4	50,000	NONE	NONE	NONE
		1	10,000	700	200	NONE
		2	10,000	100	NONE	NONE
		3	10,000	NONE	NONE	NONE
		4	10,000	NONE	NONE	NONE
72-80	42-46	1	50,000	2200	1750	1250
		2	50,000	1850	1350	850
		3	50,000	1300	800	300
		4	50,000	900	400	NONE
		1	10,000	1850	1350	850
		2	10,000	1300	800	300
		3	10,000	900	400	NONE
		4	10,000	400	NONE	NONE
72-88	46-52	1	50,000	2600	2100	1650
		2	50,000	2250	1750	1250
		3	50,000	1700	1200	700
		4	50,000	1350	800	300
		1	10,000	2250	1750	1250
		2	10,000	1700	1200	700
		3	10,000	1350	800	300
		4	10,000	850	300	NONE
80-88	30-34	1	50,000	1900	1500	1050
		2	50,000	1400	950	500
		3	50,000	1000	500	100
		4	50,000	500	100	NONE
		1	10,000	1400	950	500
		2	10,000	1000	500	100
		3	10,000	500	100	NONE
		4	10,000	100	NONE	NONE
80-88	46-52	1	50,000	2800	2800	2400
		2	50,000	2750	2300	1900
		3	50,000	2350	1850	1500
		4	50,000	2000	1500	1050
		1	10,000	2750	2300	1900
		2	10,000	2350	1850	1500
		3	10,000	2000	1500	1050
		4	10,000	1500	1050	600
84-88	37-40	1	50,000	2800	2600	2200
		2	50,000	2550	2100	1700
		3	50,000	2050	1650	1200
		4	50,000	1600	1200	750
		1	10,000	2550	2100	1700
		2	10,000	2050	1650	1200
		3	10,000	1600	1200	750
		4	10,000	1250	800	400
84-88	46-52	1	50,000	2800	2800	2800
		2	50,000	2600	2800	2450
		3	50,000	2600	2400	1950
		4	50,000	2400	1950	1550
		1	10,000	2800	2800	2450
		2	10,000	2800	2400	1950
		3	10,000	2400	1950	1550
		4	10,000	2050	1600	1150
95-103	16-19	1	50,000	1800	1400	1000
		2	50,000	1400	1000	600
		3	50,000	900	500	100
		4	50,000	500	100	NONE
		1	10,000	1400	1000	600
		2	10,000	900	500	100
		3	10,000	500	100	NONE
		4	10,000	100	NONE	NONE

RINGING RANGE-CENTRAL OFFICE TRUNK CKT

72	20,000	1700
80	20,000	2200
84	20,000	2400

DRAWING ISSUE	
100	CRA PD

TRANSMISSION TEST REQUIREMENTS (1000 CYCLE LOSS BETWEEN 600Ω LINES)



MAX ALLOWABLE CIRCUIT LOSS (db)
0.2

ALLOWABLE INDIVIDUAL APPARATUS LOSSES (db)

APPARATUS	DESIG	CODE	MAX LOSS	MIN LOSS	REMARKS
CAPACITOR	A	2 UF	13 7	11 7	
RELAY	T	UA144	0 3		
THERMISTOR	A	8A	0 2		

*INDICATES APPARATUS FOR WHICH INDIVIDUAL LOSS IS NOT REQUIRED

PBX SYSTEMS

NO. 5578
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

SD-65729-01-D3

BELL TELEPHONE LABORATORIES
INCORPORATED

3S

SD-65729-01 2 PAGES

CIRCUIT REQUIREMENTS

NO. 5578 SECRETARIAL LINE AND CENTRAL OFFICE TRUNK CIRCUIT

DRAWING ISSUE 10D CRA PD. 440 EGG WPK PEG

APPARATUS DESIG	CODE	OPT.	FIG.	MECH REQT BSP FIG.	CONT PRES	ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	TEST CLIP DATA CONN BAT.	CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	TEST FOR	AFTER SOAK MA	TEST MA	READJ MA	REMARKS
RELAYS																	
L1-L10	Y328		1	120/188	H	35	1T(L-)	8F(L-)		BAT.	1,4	P	O	FS	41	39	
							1T(L-)	8F(L-)		BAT.	1,4	P	NO	FS	23	24.5	
							1T(L-)	8F(L-)		BAT.	1,4	P	H	FS	6.3	6	
							1T(L-)	8F(L-)		BAT.	1,4	P	R	FS	2.1	2.7	
												S	O		16.5		WDG ALONE
										AC	2				AC	AC	
							1T(L-)	8F(L-)		BAT.	3,4	P	O	FS	42	40	
							1T(L-)	8F(L-)		BAT.	3,4	P	NO	FS	27.5	29	
							1T(L-)	8F(L-)		BAT.	3,4	P	H	FS	6.7	6.3	
							1T(L-)	8F(L-)		BAT.	3,4	P	R	FS	2.3	2.9	
												S	O		16.5		WDG ALONE
										AC	2				AC	AC	
L1-L10	Y328		7	120/188	H	35	4T(L-)		TF(L-)	GRD	1,4	P	O	FS	41	39	
							4T(L-)		TF(L-)	GRD	1,4	P	NO	FS	23	24.7	
							4T(L-)		TF(L-)	GRD	1,4	P	H	FS	6.3	6	
							4T(L-)		TF(L-)	GRD	1,4	P	R	FS	2.1	2.7	
												S	O		16.5		WDG ALONE
										AC	2				AC	AC	
							4T(L-)		TF(L-)	GRD	3,4	P	O	FS	42	40	
							4T(L-)		TF(L-)	GRD	3,4	P	NO	FS	27.5	29	
							4T(L-)		TF(L-)	GRD	3,4	P	H	FS	6.7	6.3	
							4T(L-)		TF(L-)	GRD	3,4	P	R	FS	2.3	2.9	
												S	O		16.5		WDG ALONE
										AC	2				AC	AC	
L1-L10	Y328		8	120/188	H	35	1T(L-)	8F(L-)		BAT.	1,4	P	O	FS	41	39	
							1T(L-)	8F(L-)		BAT.	1,4	P	NO	FS	23	24.5	
							1T(L-)	8F(L-)		BAT.	1,4	P	H	FS	6.3	6	
							1T(L-)	8F(L-)		BAT.	1,4	P	R	FS	2.1	2.7	
												S	O		16.5		WDG ALONE
										AC	2				AC	AC	
							1T(L-)	8F(L-)		BAT.	3,4	P	O	FS	42	40	
							1T(L-)	8F(L-)		BAT.	3,4	P	NO	FS	27.5	29	
							1T(L-)	8F(L-)		BAT.	3,4	P	H	FS	6.7	6.3	
							1T(L-)	8F(L-)		BAT.	3,4	P	R	FS	2.3	2.9	
												S	O		16.5		WDG ALONE
										AC	2				AC	AC	
L1-L10	Y330		10	200/200	SPL	35	2T(L-)	8F(L-)	TF(L-)	B/G	1,5	P	O	FS	41	39	
							2T(L-)	8F(L-)	TF(L-)	B/G	1,5	P	NO	FS	23	24.5	
							2T(L-)	8F(L-)	TF(L-)	B/G	1,5	P	H	FS	6.3	6	
							2T(L-)	8F(L-)	TF(L-)	B/G	1,5	P	R	FS	2.1	2.7	
											1,5	S	O		16.5		WDG ALONE
							2T(L-)	8F(L-)	TF(L-)	B/G	3,5	P	O	FS	42	40	
							2T(L-)	8F(L-)	TF(L-)	B/G	3,5	P	NO	FS	27.5	29	
							2T(L-)	8F(L-)	TF(L-)	B/G	3,5	P	H	FS	6.7	6.3	
							2T(L-)	8F(L-)	TF(L-)	B/G	3,5	P	R	FS	2.3	2.9	
											3,5	S	O		16.5		WDG ALONE
										AC	2				AC	AC	
L1-L10	Y330		11	200/200	SPL	35	4T(L-)		TF(L-)	GRD	1,5	P	O	FS	41	39	
							4T(L-)		TF(L-)	GRD	1,5	P	NO	FS	23	24.5	
							4T(L-)		TF(L-)	GRD	1,5	P	H	FS	6.3	6	
							4T(L-)		TF(L-)	GRD	1,5	P	R	FS	2.1	2.7	
											1,5	S	O		16.5		WDG ALONE
							4T(L-)		TF(L-)	GRD	3,5	P	O	FS	42	40	
							4T(L-)		TF(L-)	GRD	3,5	P	NO	FS	27.5	29	
							4T(L-)		TF(L-)	GRD	3,5	P	H	FS	6.7	6.3	
							4T(L-)		TF(L-)	GRD	3,5	P	R	FS	2.3	2.9	
											3,5	S	O		16.5		WDG ALONE
										AC	2				AC	AC	

TEST NOTES:

1. ADJUSTMENT WITH MOUNTING PLATE HORIZONTAL.
2. OBTAIN RING FROM CENTRAL OFFICE LINE (FIELD TEST ONLY).
3. ADJUSTMENT WITH MOUNTING PLATE VERTICAL WITH ARMATURES OF RELAYS ON UNDERSIDE OF RELAYS.
4. BUFFER SPRING MAX TENSION 125 GRAMS.
5. MIN TENSION 1T & 1B 10 GRAMS READJ: 6 GRAMS TEST.

PBX SYSTEMS

NO. 5578 SECRETARIAL LINE AND CENTRAL OFFICE TRUNK CIRCUITS

SD-65729-01-F1

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 3S

PRINTED IN U.S.A.

CIRCUIT REQUIREMENTS

DRAWING ISSUE: 10D CRA PB; 14D EGB JAK PEG

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT.	APPARATUS FIG.		MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL.	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA	DIRECT CURRENT FLOW REQT TEST MA	DIRECT CURRENT FLOW REQT READJ MA	REMARKS
L1-L10	Y330		12		200/200	SPL	35	2T(L-)	BF(L-)	TF(L-)	B/G	1,2	P	0	FS	41	39	
								2T(L-)	BF(L-)	TF(L-)	B/G	1,2	P	NO	FS	23	24.5	
								2T(L-)	BF(L-)	TF(L-)	B/G	1,2	P	H	FS	6.5	6	
								2T(L-)	BF(L-)	TF(L-)	B/G	1,2	P	R	FS	2.1	2.7	
													S	0		16.5		WDG ALONE
								2T(L-)	BF(L-)	TF(L-)	B/G	1,3	P	0	FS	42	40	
								2T(L-)	BF(L-)	TF(L-)	B/G	1,3	P	NO	FS	27.5	29	
								2T(L-)	BF(L-)	TF(L-)	B/G	1,3	P	H	FS	6.7	6.3	
								2T(L-)	BF(L-)	TF(L-)	B/G	1,3	P	R	FS	2.3	2.9	
													S	0		16.5		WDG ALONE
											AC	4				AC	AC	
LU1-LU10	B10		9		1	H	30	1(LU-)		2M(LU-)	GRD			0	150	23.5	22	
								1(LU-)		2M(LU-)	GRD			R	150	6.9	7.3	
T1-T5	UA144		3		101/101	H	29		8F REL		BAT.	2,5	P	0		9.2	8.7	
									8F TST		BAT.	2,5	P	NO		5.8	6.2	
												2	S	0		4.4		WDG ALONE
											AC	6				AC	AC	
									8F REL		BAT.	3,5	P	0		11.6	11	
									8F TST		BAT.	3,5	P	NO		7.7	8.2	
												3	S	0		5.4		WDG ALONE
											AC	6				AC	AC	

TEST NOTES:

1. MIN TENSION 1T & 1B 10 GRAMS READJ; 8 GRAMS TEST.
2. ADJUSTMENT WITH MOUNTING PLATE HORIZONTAL.
3. ADJUSTMENT WITH MOUNTING PLATE VERTICAL WITH ARMATURES OF RELAYS ON UNDERSIDE OF RELAYS.
4. OBTAIN RING FROM CENTRAL OFFICE (FIELD TEST ONLY)
5. INSERT PLUG INTO ASSOCIATED JACK.
6. APPLY MIN 95 VOLT (1000-2000 RPM) RINGING CURRENT IN SERIES WITH 138 RESISTANCE LAMP (OR EQUIVALENT) AND 7000 OHMS NON-INDUCTIVE RESISTANCE ACROSS THE TIP AND RING OF THE TRUNK AT THE PBX.

PBX SYSTEMS

NO. 5578
SECRETARIAL LINE AND
CENTRAL OFFICE TRUNK
CIRCUITS

SD-65729-01-F2

BELL TELEPHONE LABORATORIES INCORPORATED

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