SD-66910-01

SHEET INDEX

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SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DWGS	J58829AH
756A PBX CROWN CABLING DIAG	SD-65746-01
756A PBX FEATURE CABLING DIAG	SD-66920-01
EQUIPMENT DESIGN REQ	J58829

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.

DWG ISSUE	CD ISSUE	DATE ISSUED	DRAWN	APPD
1	1	3-30-66	SAK JFF RWC	WES RAY KFJ
2D PMJC	1 APP ID	1-13-65	EWE SAK RWC	WES RAV KFJ
3B	1 APP 2B	4-5-67	PMC PJS ARR	JHF LAH RHP
4D	1 APP 3D	10-24-67	ROZ PJS RCL	JJM LAH RHP
5D	2D	7/19/72	KNB DWF	WYS RGP AFR
6D	2D APPX ID	2-26-74	G.D.I CBH	WYS RVL AFR

ISSUE 6D

SD-66910-01 2 '07

PBX SYSTEMS
NO. 756A
AUXILIARY POSITION CIRCUIT
FOR REMOTE ANSWERING OF TRUNKS AND INWARD COMPLETION BY ANY STATION

(AUX. POS. CKT) (2)

BELL TELEPHONE LABORATORIES INCORPORATED

6S

A&M ONLY

SD-66910-01-A1

12 SHEETS

SD-66910-01-A1

APPARATUS INDEX

DESIG	LOCATION FS	APP FIG.	EQPT
RELAYS			
A	2B1	1	-
B	2D1	1	-
BN	1D1	1	-
C	2E1	1	-
F	2H1	1	-
H	2G1	1	-
L00	1A6	1	-
L01	1B6	1	-
L02	1C6	1	-
L03	1D6	1	-
L04	1D6	1	-
L05	1E6	1	-
L06	1F6	1	-
L07	1F6	1	-
L08	1G6	1	-
L09	1G6	1	-
L0E	1B8	1	-
NC0	3C4	1	-
NC1	3C4	1	-
NC2	3D4	1	-
NC3	3D4	1	-
NC4	3E4	1	-
NC5	3F4	1	-
NC6	3F4	1	-
NC7	3G4	1	-
NC8	3G4	1	-
NC9	3H4	1	-
NSA	3B4	1	-
ON	2F1	1	-
RA	1D1	1	-
RAC	1E1	1	-
RL	2F1	1	-
RTK	2D3	1	-
SIG	1D8	1	-

CAPACITORS			
A	2B2	1	-
BT	2C2	1	-

DESIG	LOCATION FS	APP FIG.	EQPT
DIODES			
CW0	1A5	1	-
CW1	1B5	1	-
CW2	1C5	1	-
CW3	1C5	1	-
CW4	1D5	1	-
CW5	1E5	1	-
CW6	1E5	1	-
CW7	1F5	1	-
CW8	1F5	1	-
CW9	1G5	1	-
L00	1A5	1	-
L01	1B5	1	-
L02	1C5	1	-
L03	1D5	1	-
L04	1D5	1	-
L05	1E5	1	-
L06	1F5	1	-
L07	1F5	1	-
L08	1G5	1	-
L09	1G5	1	-

REPEAT COIL			
A	2B2	1	-

RESISTOR			
A	2B2	1	-

THERMISTOR			
RL	2G1	1	-

RESISTANCE LAMP			
A	1F8	1	-

LEAD INDEX

DESIG	FS LOC
TWO WAY TRUNK CKT TO CENTRAL OFFICE	
ACA0	2H7
ACA1-9	2D8
HD	2D4
HD1	2F4
L00	1A4
L01-9	1D4
RTK0	2F4
RTK1-9	2F3

CORDLESS POSITION CIRCUIT	
ACG	2B7
ACG1	2B7
H	2D2
RA	1C0
TR	2B4
TR1	2C4
TT	2B4
TT1	2C4

DESIG	FS LOC
LINE, LINK & MARKER CIRCUIT	
COSA	IFI
COSAI	IFI
COSB	IHI
COSBI	IHI
R2	2BI
S2	2CI
T2	2BI

ALARM, TRANSFER & TEST CIRCUIT	
NC0	2H7
NC1-9	2E7
NSA	3B4

POWER SUPPLY CIRCUIT	
BT	2C1
R1	1F7
RG OR RING G	1F7

EXTERNALLY MOUNTED SIGNALLING EQUIPMENT	
TCW1	1E9
TCW2	1E9
TCW3	1F9
TCW4	1F9

OPTION INDEX

APP OR WRG	LOCATION
Z	2B2, 2E0, 2EI
Y	2B2, 2E0, 2EI
X	IE8
W	IE8
V	IA4, IB4, IC4, ID4 ID8, IE4, IF4, IG4
T	2AI

DRAWING ISSUE

1	
5B	
5D	

ISSUE 5D

AUXILIARY POSITION CIRCUIT (2)

SD-66910-01-A2

BELL TELEPHONE LABORATORIES INCORPORATED

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SD-66910-01-A2

FS1
REMOTE ANSWER CONNECT CIRCUIT

CORDLESS POSITION CIRCUIT

B JACK (CONSOLE)

REMOTE ANSWER KEY (6 BUTTON KEY TEL SET)

RA

BN RAC U L 2500 T- -48

RA U L 2500 T- -48

RA 4 RAC 12 ON 8 RAC U L 2500 T- -48

LINE, LINK & MKR CKT

RAC 2 COSA COSAI

COSA COTA CONAA G -48 -48 G

COSB COTB CONBA H -48 -48 H

COSB COSBI RAC 3

FS2
INCOMING SIGNAL PREFERENCE AND CONNECT CIRCUIT

TWO WAY TRK CKT TO CENT OFF. R RI -48

TO TWO WAY TRK CKT TO CENT OFF

LOO LOE 1 NCO 4 LOO U L 2500 RAC 1 T- -48

CWO 1 2 A C8

LOO 12 6 LOO

LOI LOE 2 NCI 9 LOI U L 2500 6 LOI

CW1 1 2

LOI 12

LO2 LOE 3 NC2 4 LO2 U L 2500 6 LO2

CW2 1 2

LO2 12

LO3 LOE 4 NC3 9 LO3 U L 2500 6 LO3

CW3 1 2

LO3 12

LO4 LOE 5 NC4 4 LO4 U L 2500 6 LO4

CW4 1 2

LO4 12

LO5 LOE 6 NC5 9 LO5 U L 2500 6 LO5

CW5 1 2

LO5 12

LO6 LOE 7 NC6 4 LO6 U L 2500 6 LO6

CW6 1 2

LO6 12

LO7 LOE 8 NC7 9 LO7 U L 2500 6 LO7

CW7 1 2

LO7 12

LO8 LOE 9 NC8 4 LO8 U L 2500 6 LO8

CW8 1 2

LO8 12

LO9 LOE 10 NC9 9 LO9 U L 2500 6 LO9

CW9 1 2

LO9 12

ON 10 RL 5 C 4 H 9 A 2E0

RL 6 ON 9 RAC 6 LOE U L 2500 T- -48

A A5 LO(0-9) 1 ON 4 RA 10 SIG U L 2500 T- -48

SIG 2 TCW1

SIG 4 TCW2

TO EXTERNALLY MOUNTED SIGNALING EQUIPMENT

POWER SUPPLY CKT ± RI RG OR RING G

A SIG 12 TCW3

SIG 10 TCW4

P P

DRAWING ISSUE

1	WFF KFJ	HMJ
2D	EWE SMK KFJ	
3B	PMW RJK RHP	A H.M.
4D	RJK KFJ RHP	

ISSUE 5D

AUXILIARY POSITION CIRCUIT (2) SD-66910-01-BI

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

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SD-66910-01-BI

FS 3

REMOTE ANSWER CIRCUIT

ALARM, TRANS AND TEST CKT

LINE, LINK & MKR CKT – TRK LINE CKT

SEE NOTE 1

TO LINKS

POWER SUPPLY CKT

CORDLESS POSITION CKT

TWO WAY TRK CKT TO C.O.

TO TWO WAY TRK CKT TO C.O.

TO ALARM, TRANS & TEST CKT

LINE END OF TRK

C.O. END OF TRK

ALARM, TRANS & TEST CKT

SHEET NOTES:
1. ASSIGN AUX POS. CKT TO A TRUNK TERMINATION FOR MISC TRUNKS (80-89 GROUP).

DRAWING ISSUE

ISSUE 5D

AUXILIARY POSITION CIRCUIT SD-66910-01-B2

BELL TELEPHONE LABORATORIES INCORPORATED

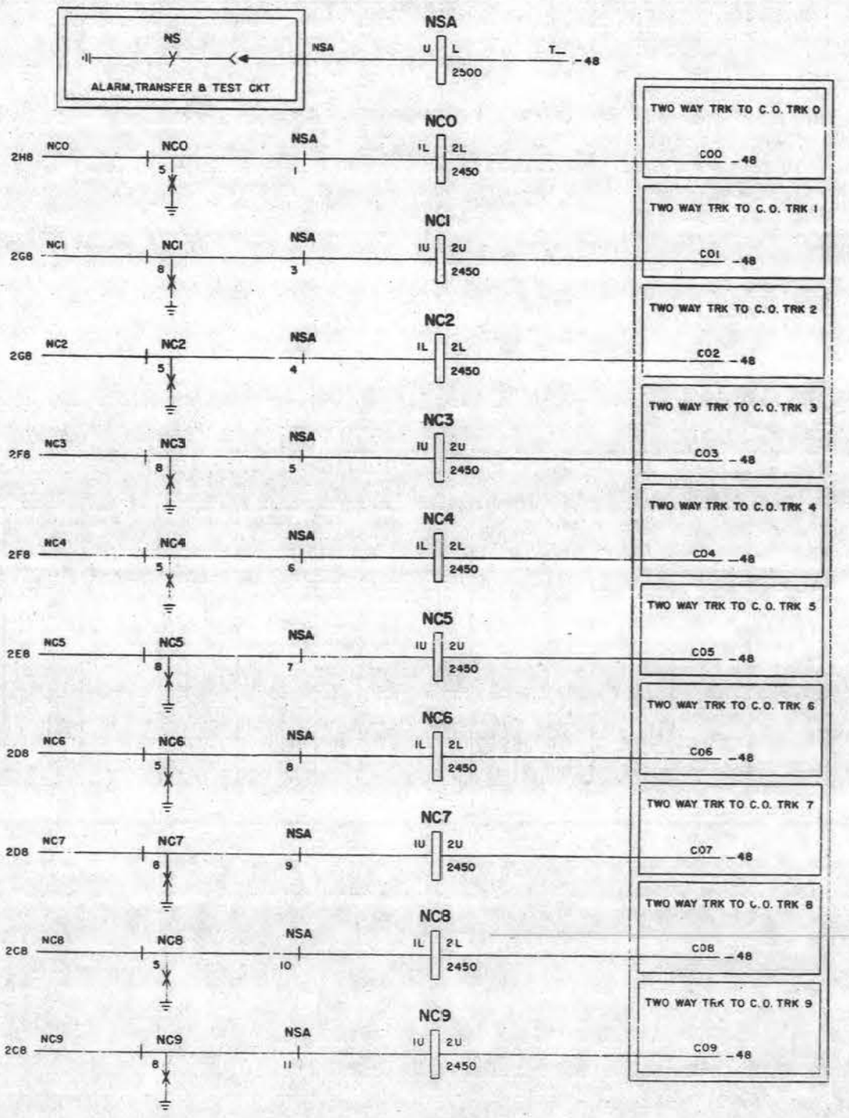
DWG SIZE 6S

PRINTED IN U.S.A.

SD-66910-01-B2

FS 4

AUXILIARY NIGHT CONNECTION CIRCUIT



DRAWING ISSUE

1

PBX SYSTEMS
NO. 756A
AUXILIARY POSITION CIRCUIT (2)

SD-66910-01-B3

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

SD-66910-01-B3

APP FIG. I

RELAY

DESIG	A		B		BN		C		F		H		LO0		LO1		LO2		LO3		LO4		LO5		DESIG
CODE	AJ59		AG41		AF129		AG21		AK24				AF79		AF79		AF79		AF79		AF79		AF79		CODE
OPTION																									OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12					M						BM		EMB	1B5	EMB	1C5	EMB	1D5	EMB	1D5	EMB	1E5	EMB	1E5	12
11					B	2B8					BM	2E0	M	2F0	M	2F0	M	2F0	M	2F0	M	2F0	M	2F0	11
10			M	2F0	BM	2C8	M	2E1					EBM		EBM		EBM		EBM		EBM		EBM		10
9			B	2G0	B	2D8					M	1H4													9
8	M	2B3	EBM	2H0	BM	2D8	EMB	2B2			M	2D2	EBM	2H8	EBM	2G9	EBM	2F9	EBM	2F9	EBM	2E9	EBM	2E9	8
7	B	2E1	B	2B2	B	2E8																			7
6	M	2D1	EBM		BM	2E8	EMB	a					EMB	1B6	EMB	1C6	EMB	1C6	EMB	1D6	EMB	1E6	EMB	1E6	6
5			B		B	2F8			M	2G1															5
4			M	2C1	BM	2G8	M	1H4	M	2H0			EBM	2H3	EBM	2H3	EBM	2H3	EBM	2G3	EBM	2G3	EBM	2G3	4
3					B	2G8			BM																3
2					M		M	2H1	BM				EBM		EBM		EBM		EBM		EBM		EBM		2
1					B	2H8			BM				M	1D7	M	1D7	M	1D7	M	1D7	M	1D7	M	1D7	1
COIL		2B1		2D1		1D1		2E1		2H1		2G1		1A6		1B6		1C6		1D6		1D6		1E6	COIL

a: (Z) 2E1, (Y) 2B2

RELAY

DESIG	LO6		LO7		LO8		LO9		LOE		NC0		NC1		NC2		NC3		NC4		NC5				DESIG
CODE	AF79		AF79		AF79		AF79		AJ5		AK4		AK4		AK4		AK4		AK4		AK4				CODE
OPTION																									OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	EMB	1F5	EMB	1G5	EMB	1G5	EMB	1H5	EBM	2B8			M				M				M				12
11	M	2F0	M	2F0	M	2F0	M	2F0	EBM				EBM				EBM				EBM				11
10	EBM		EBM		EBM		EBM		EBM	1G4			EBM				EBM				EBM				10
9									EBM	1G4			EMB	1C5			EMB	1D5			EMB	1E5			9
8	EBM	2D9	EBM	2C9	EBM	2C9	EBM	2B9	EBM	1F4			EMB	3C3			EMB	3D3			EMB	3F3			8
7									EBM	1F4															7
6	EMB	1F6	EMB	1F6	EMB	1G6	EMB	1H6	EBM	1E4															6
5									EBM	1D4	EMB	3C3			EMB	3D3			EMB	3E3					5
4	EBM	2F3	EBM	2F3	EBM	2E3	EBM	2E3	EBM	1D4	EMB	1B5			EMB	1C5			EMB	1D5					4
3									EBM	1C4	EBM				EBM				EBM						3
2	EBM		EBM		EBM		EBM		EBM	1C4	EBM				EBM				EBM						2
1	M	1D7	M	1D7	M	1D7	M	1D7	EBM	1B4	M				M				M						1
COIL		1F6		1F6		1G6		1G6		1B8		3C4		3C4		3D4		3D4		3E4		3F4			COIL

CAPACITORS

DESIG	LOC	CODE
A	2B2	439A
BT	2C2	441M

REPT COIL

DESIG	LOC	CODE
A	2B2	202A

DIODES

DESIG	LOC	CODE
(V) CW0	IA5	446F
CW1	IB5	
CW2	IC5	
CW3	IC5	
CW4	ID5	
CW5	IE5	
CW6	IE5	
CW7	IF5	
CW8	IF5	
CW9	IG5	

DIODES (CONT)

DESIG	LOC	CODE
LO0	IA5	446F
LO1	IB5	
LO2	IC5	
LO3	ID5	
LO4	ID5	
LO5	IE5	
LO6	IF5	
LO7	IF5	
LO8	IG5	
LO9	IG5	

RESISTANCE LAMP

DESIG	LOC	CODE
A	IF8	13G

RESISTORS

DESIG	LOC	CODE
A	2B2	18G

THERMISTOR

DESIG	LOC	CODE
RL	2G1	1D

RELAY

DESIG	NC6		NC7		NC8		NC9		NSA		ON		RA		RAC		RL		RTK		SIG				DESIG
CODE	AK4		AK4		AK4		AK4		AF129		AF112		AF115		AJ5		AF134		AF50		AF60				CODE
OPTION																									OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12			M				M		M		M	2D1			EBM	1E0	M	2F1			M	1F8			12
11			EBM				EBM		B	3H4	M	2G0			EBM	2B3	M	2G0							11
10			EBM				EBM		BM	3H4	M	1H4	M	1D8	EBM	2B4	EBM		M	2E0	M	1F8			10
9			EMB	1F5			EMB	1G5	B	3G4	M	1B7			EBM	2B7	B	2B3							9
8			EMB	3G3			EMB	3H3	BM	3F4	EBM	1E0	EBM		EBM	2D2	EBM	2D1	BM		M				8
7									B	3F4					EBM	2D3	B	2D4			B				7
6									BM	3E4	EBM		B		EBM	1B8	EBM	1B7	BM		M				6
5	EMB	3F3			EMB	3G3			B	3E4					EBM	a	B	1H5							5
4	EMB	1F5			EMB	1G5			BM	3D4	EBM	1D8	M	1E0	EBM	2C2	EBM	2D3	M	2G1	M	1E8			4
3	EBM				EBM				B	3C4	M	2E1			EBM	1H1									3
2	EBM				EBM				M		M		EBM	2A1	EBM	1F1	M				M	1E8			2
1	M				M				B	3C4	M	2C2			EBM	1A7	M								1
COIL		3F4		3G4		3G4		3H4		3B4		2F1		1D1		1E1		2F1		2D3		1D8			COIL

a: 1D; 2A2

RELAY

DESIG																									DESIG
CODE																									CODE
OPTION																									OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12																									12
11																									11
10																									10
9																									9
8																									8
7																									7
6																									6
5																									5
4																									4
3																									3
2																									2
1																									1
COIL																									COIL

DRAWING ISSUE

1	SAK, WF, WFJ
3B	PMC, 2/5, RHB

ISSUE 5D

AUXILIARY POSITION CIRCUIT (2)

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S — PRINTED IN U.S.A.

SD-66910-01-CI

SD-66910-01-CI

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
T-	1-1/3	-48V	APP FIG 1 (SEE NOTE 105)
COO-9	1-1/3	-48V	APP FIG.1
G	1-1/3	-48V	APP FIG.1
H	1-1/3	-48V	APP FIG.1

BATTERY SYMBOL	VOLTAGE RANGE
-48	45-52V

NOTES:

1. FUSES DESIGNATED COO-9 SHALL BE OBTAINED FROM TWO WAY TRK TO CO AND FUSES DESIGNATED G AND H SHALL BE OBTAINED FROM MKR CKT .

102.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
AUXILIARY POSITION CIRCUIT	1		MAX 1 PER PBX
WHEN CONTINUOUS ACTIVATION OF THE SIGNAL IS REQUIRED FOR CALLS WAITING		V	

103.

NETWORK VALUES		
NETWORK NO.	RESISTANCE IN OHMS	CAPACITANCE IN UF

104.

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	
3B	Y,Z	Z		Y		Z	
	X,W	X		W		X	
5D	V	NONE		V			
	T	NONE		T			

105. DESIGNATE FUSE T- TO CORRESPOND TO TRUNK TERMINATION FOR MISCELLANEOUS TRUNKS ASSIGNED TO AUX POS CKT (T80-89) .

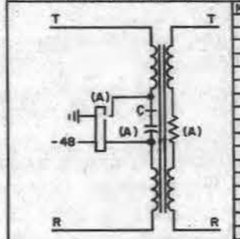
106. WHEN THIS CIRCUIT IS PROVIDED, "ZZ" OPTION SHALL BE PROVIDED IN THE TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE .

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:

RESISTANCE VALUES ARE IN OHMS
CAPACITANCE VALUES ARE IN MICROFARADS
VALUES PRECEDED BY THE SYMBOL + (PLUS) OR - (MINUS) ARE IN VOLTS

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



MAX ALLOWABLE CIRCUIT LOSS (db)
2.5

ALLOWABLE INDIVIDUAL APPARATUS LOSSES (db)

APPARATUS	DESIG	CODE	MAX LOSS	MIN LOSS	REMARKS
CAPACITOR	A	2MF	13.7	11.7	
RELAY	A	AJ59	0.2		
RPT COIL	A	202A	1.2	0.6	STRAP (A) RES

WORKING LIMITS

MAX EXT CKT LOOP RES - A RELAY - 3300 OHMS
MIN INSULATION RES 10,000 OHMS

DRAWING ISSUE	
1	BAK JFT KJ
2D	EWA SAN KFJ
3B	PMC PJS RHP

ISSUE 5D DR

AUXILIARY POSITION CIRCUIT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

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6S

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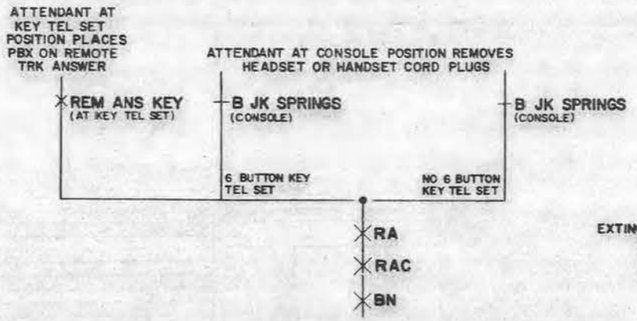
6

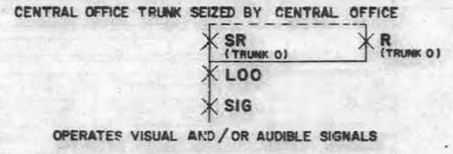
SC1

ATTENDANT ESTABLISHES REMOTE ANSWER CONNECTIONS FOR CENTRAL OFFICE TRUNKS



SC2

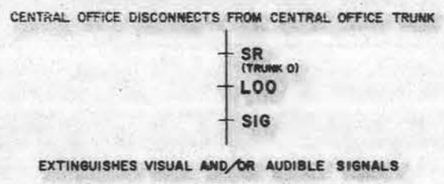
INCOMING CALL TO A CENTRAL OFFICE TRUNK (PREVIOUS ACTION SHOWN ON SC 1)



SC3

CALLING PARTY DISCONNECTS BEFORE CALL IS ANSWERED

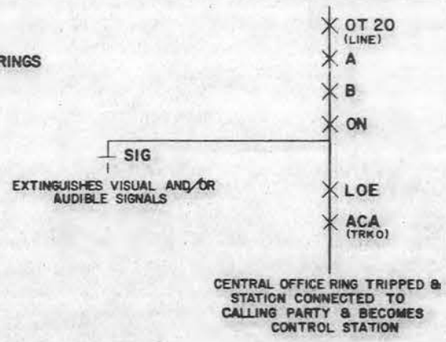
(PREVIOUS ACTION SHOWN ON SC 2)



SC4

INCOMING CALL ANSWERED FROM A PBX STATION (PREVIOUS ACTION SHOWN ON SC 2)

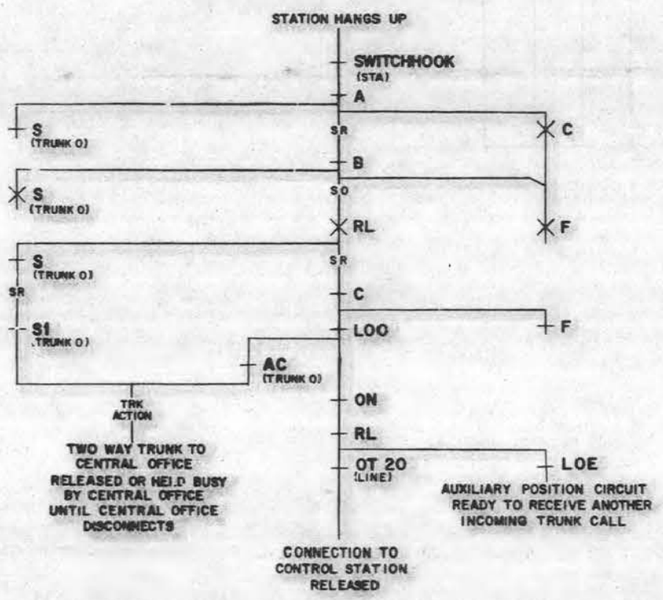
REMOTE ANSWERING CODE 80 DIALED FROM PBX STATION & PBX FUNCTIONS TO SEIZE UNIVERSAL LINE CIRCUIT 80



SC5

CONTROL STATION DISCONNECTS TO TERMINATE CALL WITHOUT TRANSFER

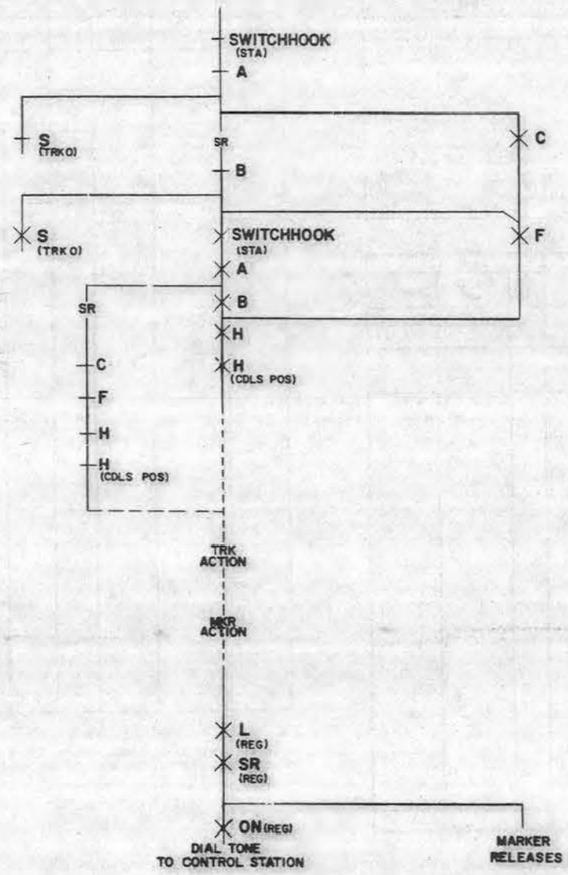
(PREVIOUS ACTION SHOWN ON SC 4)



SC6

CONTROL STATION ESTABLISHES DIAL TONE CONNECTION

(PREVIOUS ACTION SHOWN ON SC 4 OR SC 9)



SHEET NOTES:

1. SC 1 TO 6 ASSUME CENTRAL OFFICE TRUNK O IS ASSOCIATED WITH THE LOO RELAY IN THE AUXILIARY POSITION CIRCUIT.
2. SC 4 & 5 ASSUME THE AUXILIARY POSITION CIRCUIT IS ASSIGNED TO MISC TRK TERMINATION 80.

DRAWING ISSUE

1 RJP LJF MW KFJ

2D PM EWE SAK KFJ

2

PBX SYSTEMS
NO. 756A
AUXILIARY POSITION CIRCUIT (2)

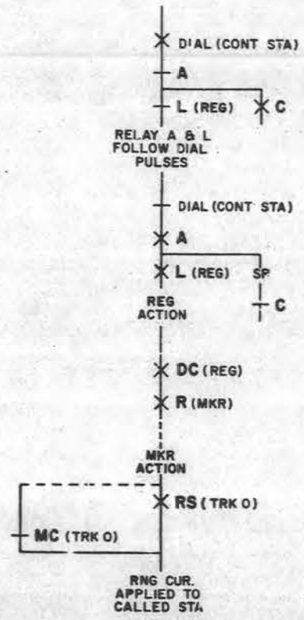
PM/D /
SD-66910-01-E1

BELL TELEPHONE LABORATORIES INCORPORATED

65

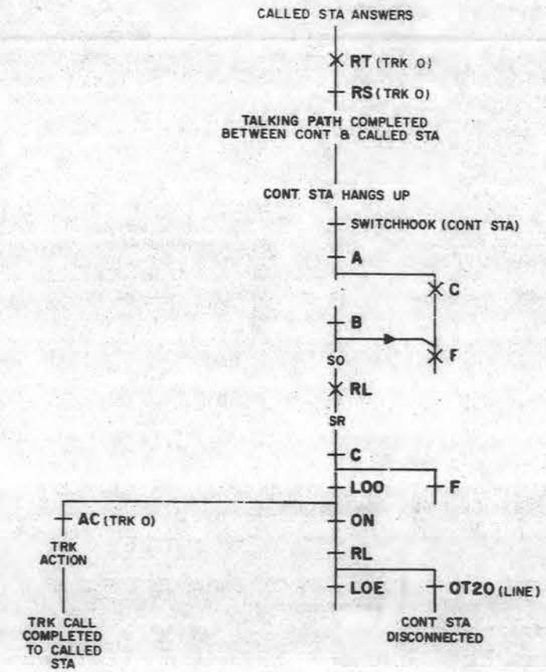
SC 7

CONTROL STATION DIALS AN IDLE STATION
(PREVIOUS ACTION SHOWN IN SC 6)



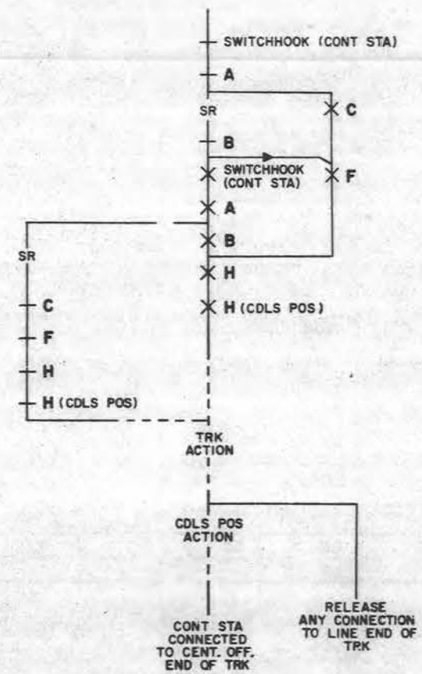
SC 8

CALLED STATION ANSWERS AND CONTROL STATION TRANSFERS CALLED STATION TO TRUNK CALL
(PREVIOUS ACTION SHOWN IN SC 7)



SC 9

CONTROL STATION RETURNS TO TRUNK CALL
(PREVIOUS ACTION SHOWN IN SC 6 OR 7)



DRAWING ISSUE 1 SAK

SD-66910-01-E2

1

PBX SYSTEMS
NO. 756A
AUXILIARY POSITION CIRCUIT

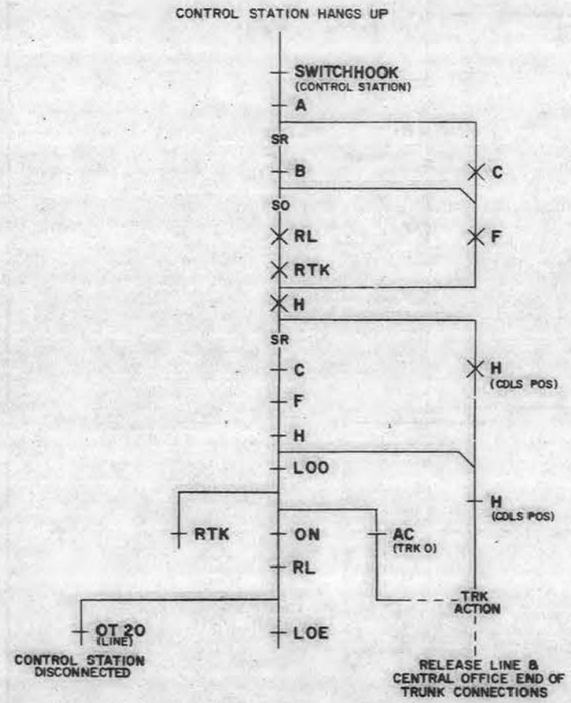
SD-66910-01-E2

BELL TELEPHONE LABORATORIES INCORPORATED

TYPE 65

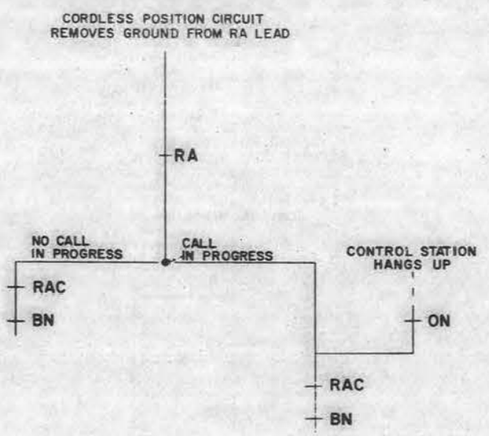
SC 10

CONTROL STATION DISCONNECTS WITHOUT RELEASING LINE END TRUNK CONNECTION



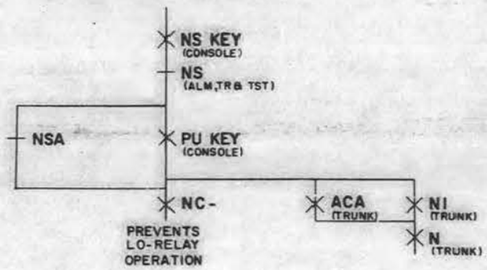
SC 11

ATTENDANT RELEASES REMOTE ANSWER CONNECTIONS



SC 12

ATTENDANT ESTABLISHES TRUNK FLEXIBLE NIGHT CONNECTION



DRAWING ISSUE 1

PBX SYSTEMS
NO. 756A
AUXILIARY POSITION CIRCUIT (2)
SD-66910-01-E3

BELL TELEPHONE LABORATORIES INCORPORATED 6S

1

CIRCUIT REQUIREMENTS

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
A	AJ59		1	37			(B) NO	IL (A)	2U (A)	M	1	P/S	O		10.4	9.9	
							(B) NO	IL (A)	2U (A)	M	1	P/S	R		4	4.3	
B	AG41		1	264B			(ON) NO		U (B)	GRD			O	FS	10.8	10.2	
							(ON) NO		U (B)	GRD			H	FS	1.3	1.7	
							(ON) NO		U (B)	GRD			R	FS	1.1	1.3	
BN	AF129		1	28					U (BN)	GRD	4		O		10	9.5	
C	AG21		1	282B					IU (C)	GRD	2,3	P	O	FS	48.5	46	
									IU (C)	GRD	2,3	P	H	FS	6	5.7	
									IU(C)	GRD	2,3	P	R	FS	3.9	4.6	
F	1/2AK24		1	12					IL (F)	GRD			O		7.8	7.4	MOUNTED WITH (H)
H	1/2AK24		1	12					IU (H)	GRD			O		7.8	7.4	MOUNTED WITH (F)
LOO-9	AF79		1	205			(LOE) O	L REL TST	U REL TST	B/G			O		9.7	9.2	
LOE	AJ5		1	220					U (LOE)	GRD			O		13.3	12.6	
NC-EVEN	1/2 AK4		1	202			(NSA) O		IL REL TST	GRD			O		11.9	11.3	MOUNTED WITH ODD (LO-) RELAY
NC-(ODD)	1/2 AK4		1	202			(NSA) O		IU REL TSE	GRD			O		11.9	11.3	MOUNTED WITH EVEN (LO-) RELAY
NSA	AF129		1	28					U (NSA)	GRD	4		O		10	9.5	
ON	AF112		1	268			11M(ON)		U (ON)	GRD			O		35.5	33.5	
RA	AF115		1	274			(RAC) NO		U (RA)	GRD			O		7.1	6.7	
RAC	AJ5		1	220			(LOE) O		U (RAC)	GRD	4,5		O		13.3	12.6	
RL	AF134		1	230					U (RL)	GRD			O		10.3	9.8	
RTK	AF50		1	18					U (RTK)	GRD			O		23.5	22	
SIG	AF60		1	8					U (SIG)	GRD			O		6.6	6.2	

TEST NOTES:

1. ARMATURE BACK TENSION MINIMUM 20 GRAMS READJUST, 15 GRAMS TEST.
2. ARMATURE BACK TENSION MAXIMUM 30 GRAMS READJUST, 35 GRAMS TEST.
3. REQUIREMENTS APPLY TO PRIMARY WINDING WITH SECONDARY WINDING SHORT-CIRCUITED.
4. TEST WITH NIGHT SERVICE KEY (AT 6 BUTTON KEY TELEPHONE SET OR IN CORDLESS POSITION) RELEASED.
5. TEST DURING LIGHT PERIODS OF TRAFFIC ONLY.

DRAWING ISSUE 1 SAK JFF KFJ HW

PBX SYSTEMS
NO. 756A
AUXILIARY POSITION CIRCUIT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-66910-01-F1

SD-66910-01-F1

DRAWING ISSUE 1 SAK JFF KFJ HW

1

PBX SYSTEMS
NO. 756A
AUXILIARY POSITION CIRCUIT (2)

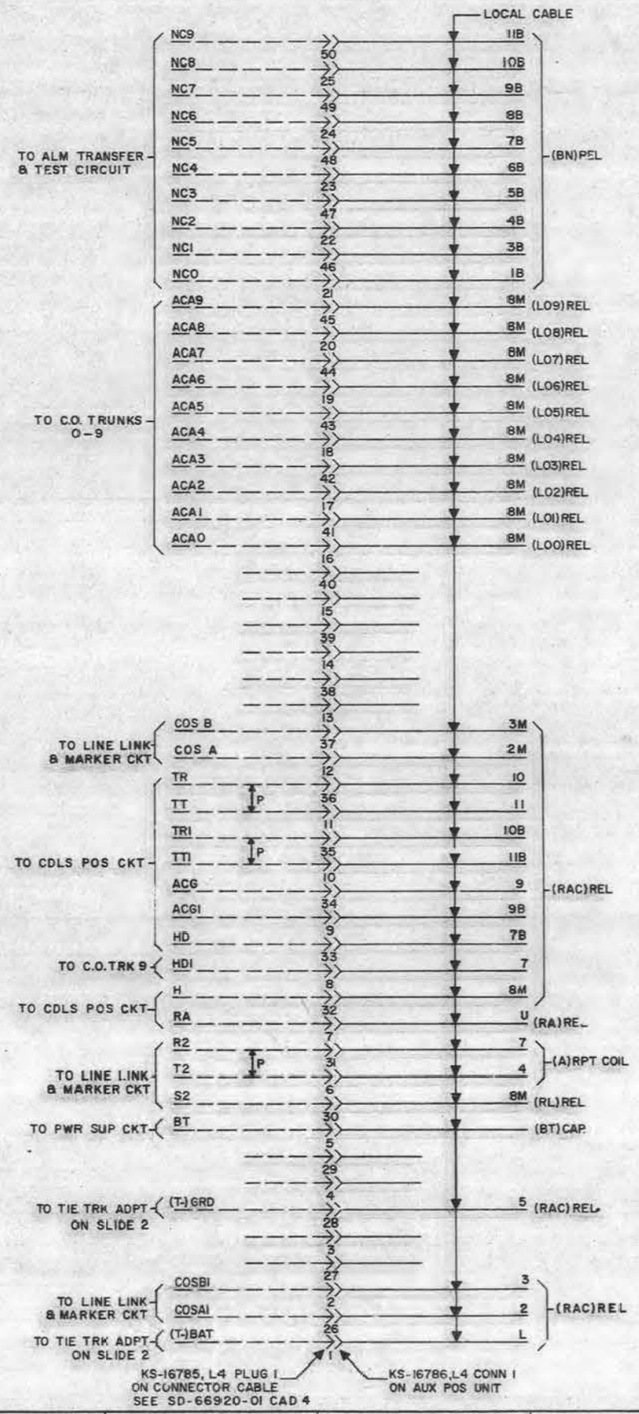
BELL TELEPHONE LABORATORIES INCORPORATED

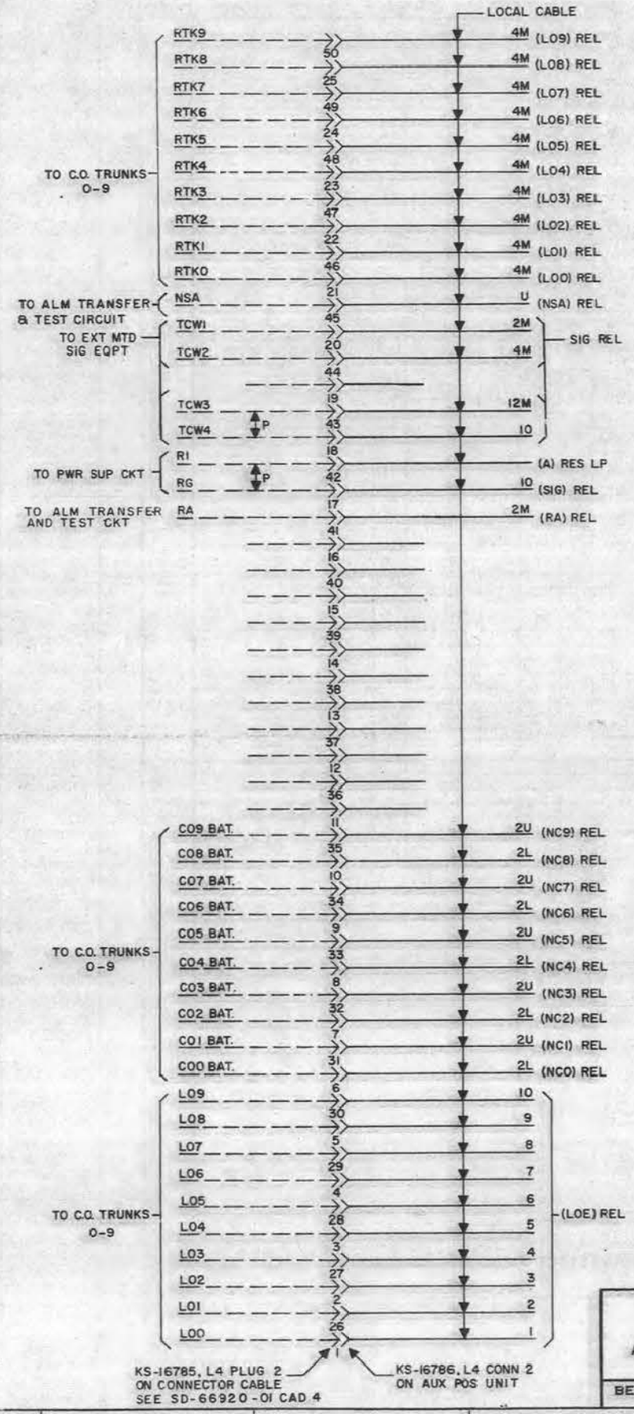
6S

SD-66910-01-F1

CAD I

(FOR APP FIG. 1)
REMOTE TRUNK ANSWERING FEATURE





DRAWING ISSUE

1	RKJ, JFF, KFJ	MW
2D	EWE, SAK, KFJ	
4D	ROZ, PJS, RHP	

ISSUE 5D

AUXILIARY POSITION CIRCUIT (2) SD-66910-01-GI

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S

SD-66910-01-GI