

APPARATUS INDEX

DESIG	LOCATION		
	FS	APP FIG.	EQUIP
RELAYS			
BZ	5E7	3	
BZ1	5B3	3	
CO	8C4	13	
CS	8A3	13	
DS	8C3	13	
FB	5H0	1	
H	5A6	1	
HA	5G0	5	
NT	5A8	1	
SP	5G5	1	
SPA	6B3	13	
SS	8C1	13	

CAPACITORS			
BT	6E6	1	
BZ	6E3	8	

DIODE			
DS	8C3	13	
HA	5A0	5	

HEAD TELEPHONE SET			
	2B9	6	
	2B9	7	
	7D9	6	
	7D9	7	

INDUCTORS			
A	2B2,	1	
	7B2	1	
TB1, TB2	2D9,	3	
	7D9	3	

DESIG	LOCATION		
	FS	APP FIG.	EQUIP
KEYS			
DIAL BACK	5C5	9	
NIGHT	5F7	10	
REMOTE ANSWER	5E5	14	

RESISTORS			
ARB	4E2	5	
IL	8G2	13	
"	1G0	1	
R	2C2	1	
	7C2	1	
T	2A2	1	
	7A2	1	

TONE GENERATOR			
IT	8	13	

LEAD INDEX

DESIG	FS LOC	CAD LOC
2 WAY CENTRAL OFFICE TRUNK CIRCUIT		
ACA	1B2	
BAT.	8C2	
BT	6E7	
BZ	6E7	
BZ0-BZ9	6E7	
CO-	8B2	
COA-	8C2	
CS	8A2	
FB	5H1	
H	5G3	
HD	5F3	
HG	5G3	
HM	5H3	
IC1	8B1	
IC2	8B2	
L	6E6	
LR	2D1,	
	7D1	
LI	2D1,	
	7D1	
NT	5B7	
RC	8H2	
SL1	6E5	
SL2	6E6	
SP	5F3	
SR	5G3	
SS	8D2	
T	5G1	
TC	8G2	
TL1	6E6	
TL2	6E6	
TR	2C1,	
	7C1	
TT	2A1,	
	7A1	
U	5H1	
W	5A0	

DESIG	FS LOC	CAD LOC
3C OR 4B TELEPHONE CONSOLE CKT		
ACA	1C0,	
	1E0,	
	1A5	
ACG	1E0,	
	1G0	
ARBI	4D0	
ARB2	4E0	
ARB6	4F0	
B20-B80	4G8	
BL-20- BL-89	4G8	
BZ	6H2,	
	6H3	
G	1H5,	
	1H6	
I'	5A2,	
	5A4	
HI	4C0,	
	4G0	
HG	4B0,	
	4G0	
LG	6H6	
NS	5E8	
NSG	5G8	
NTG	5A2,	
	5A4	
R10-R15	7G3	
SG	5D2,	
	5D3	
SG1	5D3,	
	5D4	
SG2	5E1	
SG3	5E1	
SL-	6G4	
T-	6G5	
	4B0,	
	4G0	

DESIG	FS LOC	CAD LOC
3C OR 4B TELEPHONE CONSOLE CKT		
T10-T15	7G3	
TG	4B0,4G0	
TL-	6E5,6G6	
TR	3G7,7A3	
TR1	3G5,7E3	
TR6	6E7	
TRL	6E7	
TT	3G7,7A3	
TT1	3G5,7A3	
U	4C0,4G0	
UG	4B0,4G0	

556A CORD SWBD CKT		
ACG	1G1	
BZ	6H3	
G	1G2	
SG1	5D0	

555GK OR 15656GK 6 BUTTON KEY TEL. SETS		
T,TT	3E0,3F0	
R,TR	3E0,3F0	
ACA-	1E9,1B9	
ACG	1G9	
BZ	6F2	
DB	5D6	
H	5B6	
L-	6H4	
SL3-	6H4	

608A OR 608D CORD SWBD AUX. SIG. F.A., B.C.D., & MISC. CKT		
ACG	1C1	
G	1G1	
SG1	5D0	

ALARM TRANSFER AND TEST CKT		
B20-B80	4G8	
NS	5E8	
TRL	6G8	

ATTENDANT TRUNK CKT		
ACA	1D2	
BZ	6E3	
BZ1(0)-BZ1(2)	6E4	
HC	5F5	
HI	5A0,5G0	
SL1	6E4	
SL2	6E4	
SL3	6E4	
SP	5F5	
TL1	6E5	
TL2	6E5	
TR	7F1,2F1	
TT	2F1,7F1	

BUSY VERIFICATION TRUNK CKT		
AR	2F2,7F2	
AT	2F2,7F2	
BT	5H5	
FB	5H3,	
ST	2H2,7H2	

AUXILIARY POSITION CKT		
ACG	1F1	
ACG1	1F1	
H	5B0	
RA	5F9	
TR	2G6,	
	7G6	
TR1	2G6,	
	7G6	
TT	2G6,	
	7G6	
TT1	2G7,	
	7G7	

DESIG	FS LOC	CAD LOC
DIAL PULSE REGISTER CKT		
ARB	4E3	
HI	4B3,	
	4F3	
HA	4H3	
HA1	5F0	
HA2	5F0	
SG2	5C0,	
	5D0	
SG3	5C0	
T-	4A3,	
	4F3	
U-	4B3,	
	4F3	

LINE CKT		
R.	2G4,	
	3E0,	
	7G4	
T	2G4,	
	3E0,	
	7G4	

LINE, LINK AND MARKER CKT		
BL-20		
TO	4G9	
BL-89		

STA DIAL TRANSFER CONTROLLER CKT		
BZ0-9	6F8	

DESIG	FS LOC	CAD LOC
TIE TRUNK CKT, INC RINGDOWN		
ACA	1B2	
BT	6E6	
BZ	6E6	
BZ3,4,8,9	6E7	
FB	5H3	
H	5G3	
HD	5F3	
HG	5G3	
HM	5H3	
L	6E6	
LR	2G1,	
	7G1	
LT	2G1,	
	7G1	
SL1	6E5	
SL2	6E6	
SP	5F3	
SP1	2H1,	
	7H1	
SR	5G3	
T	5G1	
TL1	6E6	
TL2	6E6	
TR	2H1,	
	7H1	
TT1	2H1,	
	7H1	
U	5H1	

OPTION INDEX

APP OR WRG	LOCATION
13	APP FIG. 13
ZC	6E3
ZD	6E3
ZE	6E3
ZF	6F7
ZG	1C3, 1D3, 1D5, 1G3, 1G5, 1G7, 3G5, 3G7, 4B1, 4B2, 4B3, 4D1, 4D2, 4E2, 4F1, 4F2, 4F3, 4G8, 5B2, 5B4, 5C1, 5C2, 5C4, 5E8, 5G8, 6E4, 6F2, 6G2, 6H6, 7C3, 7E3, 7G3
ZH	1C3, 1D3, 1D5, 1G3, 1G5, 1G7, 3G5, 3G7, 4B1, 4B2, 4B3, 4D1, 4D2, 4E2, 4F1, 4F2, 4F3, 4G8, 5B2, 5B4, 5C1, 5C2, 5C4, 5E8, 5G8, 6E4, 6F2, 6G2, 6H6, 7C3, 7E3, 7G3
ZJ	5G0, 8C2
ZK	2F2, 2H2, 7F2, 7H2
ZL	5F4
ZM	8C3
ZN	1G1, 2A3, 2C3, 7G6
ZO	1G1, 2A3, 2C3, 5A0, 5F5, 7G6
ZP	5D3, 5D4
ZQ	5E5
ZR	5D5
ZS	APP FIG. 14, 5E5
ZT	APP FIG 13 8A3-8D3
ZU	APP FIG 13 8A3-8D3
ZV	APP FIG 13 8C3-8H2
ZW	APP FIG 13 8C3-8H2
ZX	1B8, 1E8, 1G8, 3E0, 3E1, 3E3, 5A5, 5C5, 5D6, 6E2, 6E4, 6E6, 3F3
ZY	5H0, 5H5
ZZ	5H0, 5H5

APP OR WRG	LOCATION
Y	APP FIG. 12, 7G4
X	1C3, 1C4, 1D3, 1D4, 1G0, 1G3, 1G4, 1G5, 2A3, 2A4, 2C3, 2D3, 2D5, 2E5, 4A1, 4A2, 4B1, 4B3, 4D1, 4D2, 4G8, 5B2, 5D1, 5D2, 5E8, 5F8, 5G8, 6E4, 6E5, 6E6, 6G2, 6H6, 7A3, 7A4, 7C3, 7D3, 7D5, 7D8, 7E5
W	5E7
V	3E1
T	3E1, 3F1, 3G3
S	1G6, 1G7, 3F5, 3F7, 3H5, 3H7, 5D3, 5D4
R	1B8, 1E8, 1G8, 3A1, 3E1, 3E4, 3H4, 5B5, 5D5, 6E2, 6E4, 6E6, 6G6
Q	1G3, 1G5, 2A3, 2C3, 2D3, 5D1, 5D2, 7A3, 7C3, 7D3
N	1C6, 1C7, 1D6, 1D7, 1G6, 1G7, 3F5, 3F6, 3F7, 3H5, 3H6, 3H7, 4E1, 4E2, 4F1, 4F2, 4F3, 4G8, 5B4, 5D1, 5D3, 5D4, 5E8, 5F8, 5G8, 6E4, 6E5, 6E6, 6F2
M	1G1, 1G2, 5D1
K	1G1, 1G2, 5D1
G	5C1, 5D1
F	5B5, 5C5, 5D5
E	5E8, 5F7
B	APP FIG. 1, 5E6, 6F3, 6G3
A	APP FIG. 5

DRAWING ISSUE
 6B
 7D
 8D
 9D
 10AC
 11B
 12D
 13D

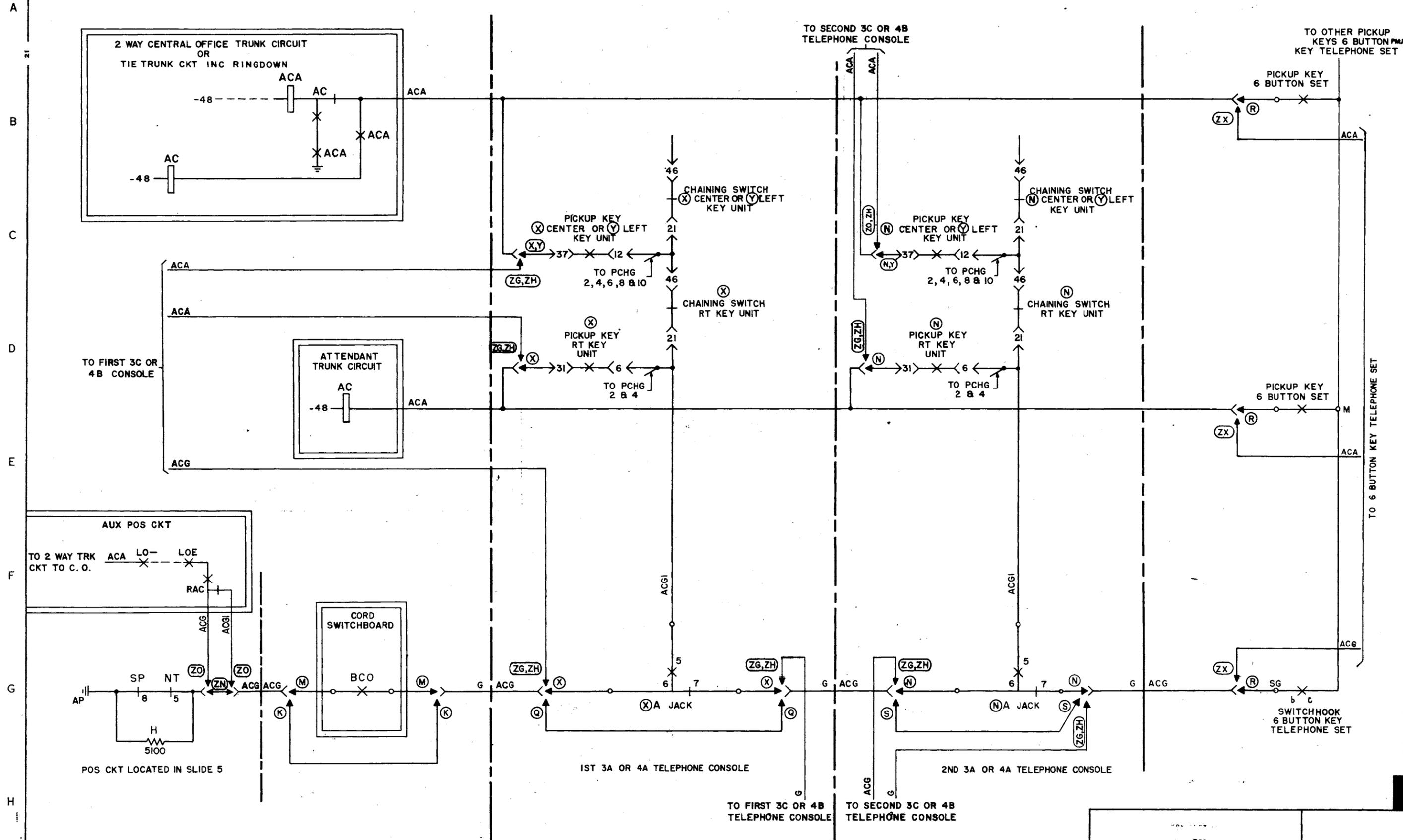
13

CORDLESS POSITION CIRCUIT ② SQ-65757-01-A2
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FS I

CONNECTION TO TRUNK CIRCUIT

DRAWING	ISSUE
1	1
4B	1
6B	1
7D	1
11B	1



SD-65757-01-B1

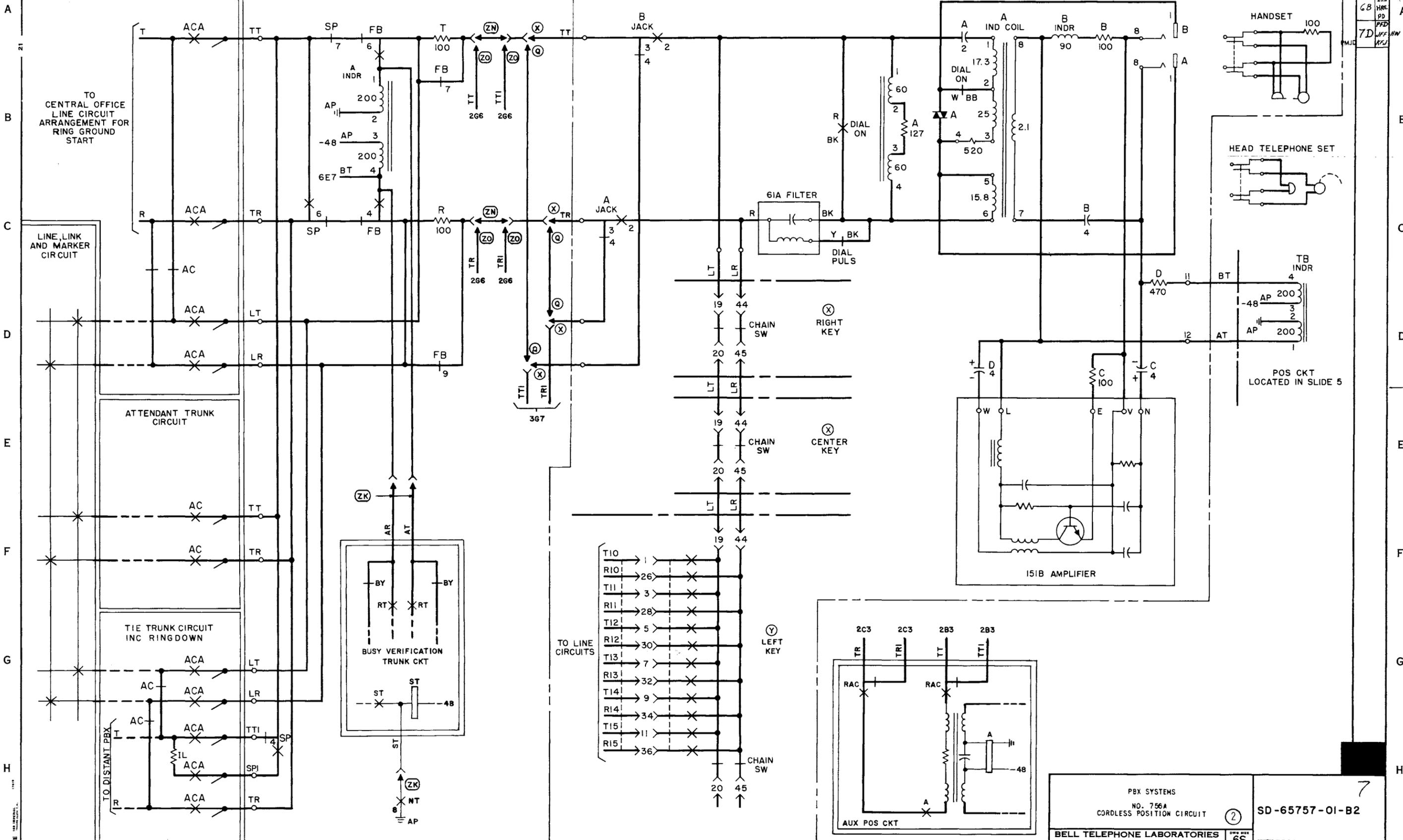
CORDLESS POSITION CIRCUIT BELL TELEPHONE LABORATORIES INCORPORATED	2 65	SD-65757-01-B1 11
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PART OF FS 2 (MFR DISC)

TALKING TIP AND RING
(610A TELEPHONE SET)

(X,Y) 610A TELEPHONE SET

DRAWING ISSUE	
1	AEG WVI
4B	WOG
6B	HW
7D	PPD
	WFF HW



PBX SYSTEMS
NO. 756A
CORDLESS POSITION CIRCUIT

SD-65757-01-B2

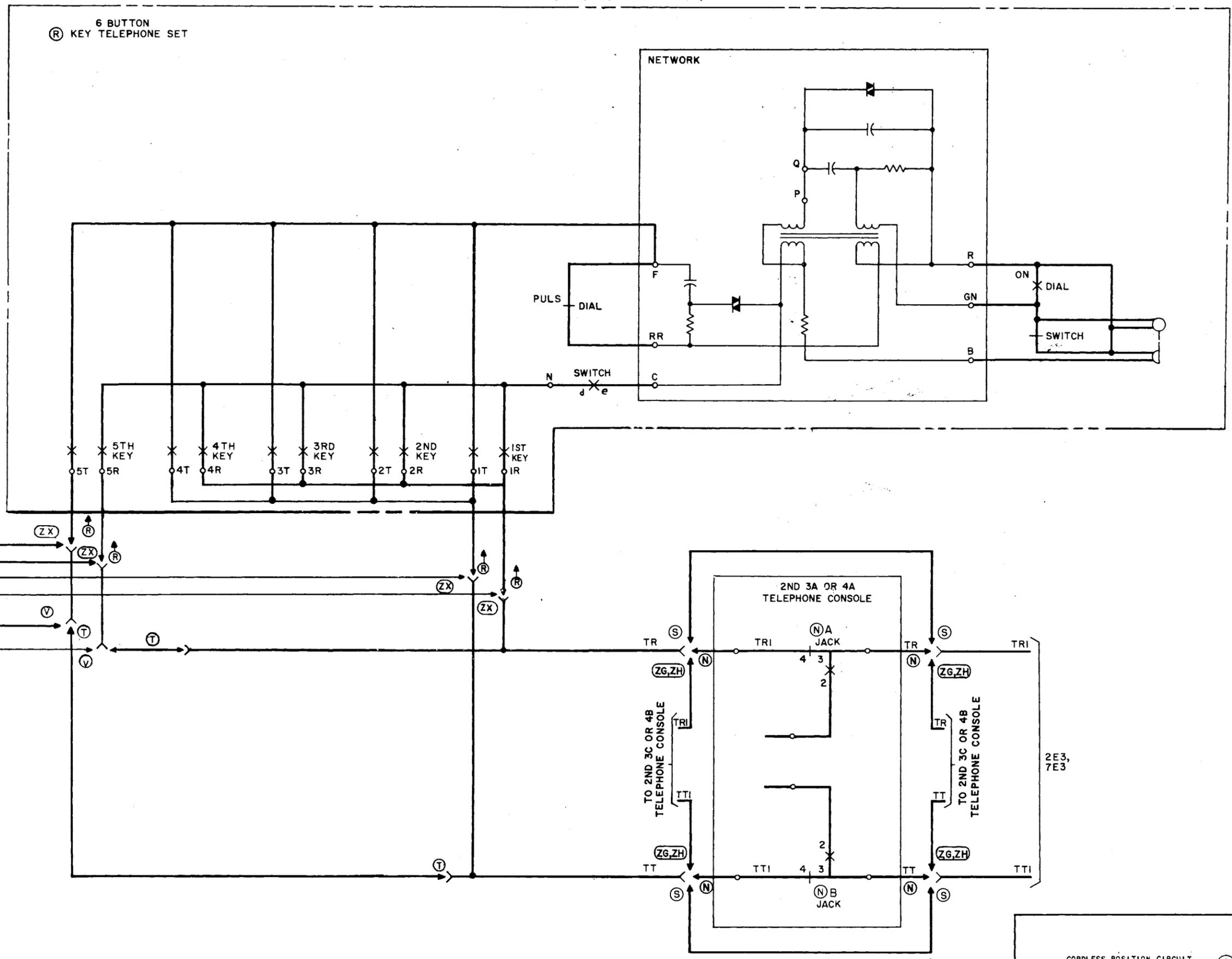
BELL TELEPHONE LABORATORIES
INCORPORATED

6S

SD-65757-01-B2

PART OF FS 2, 11 OR 12
TALKING TIP AND RING

DRAWING ISSUE	
1	REG W/M
2D	PAS
4B	KOG H.M. 7E3
GB	HAE P.D.
PHJD	JJR P.J.S.
11B	TRH



SD-65757-01-B3

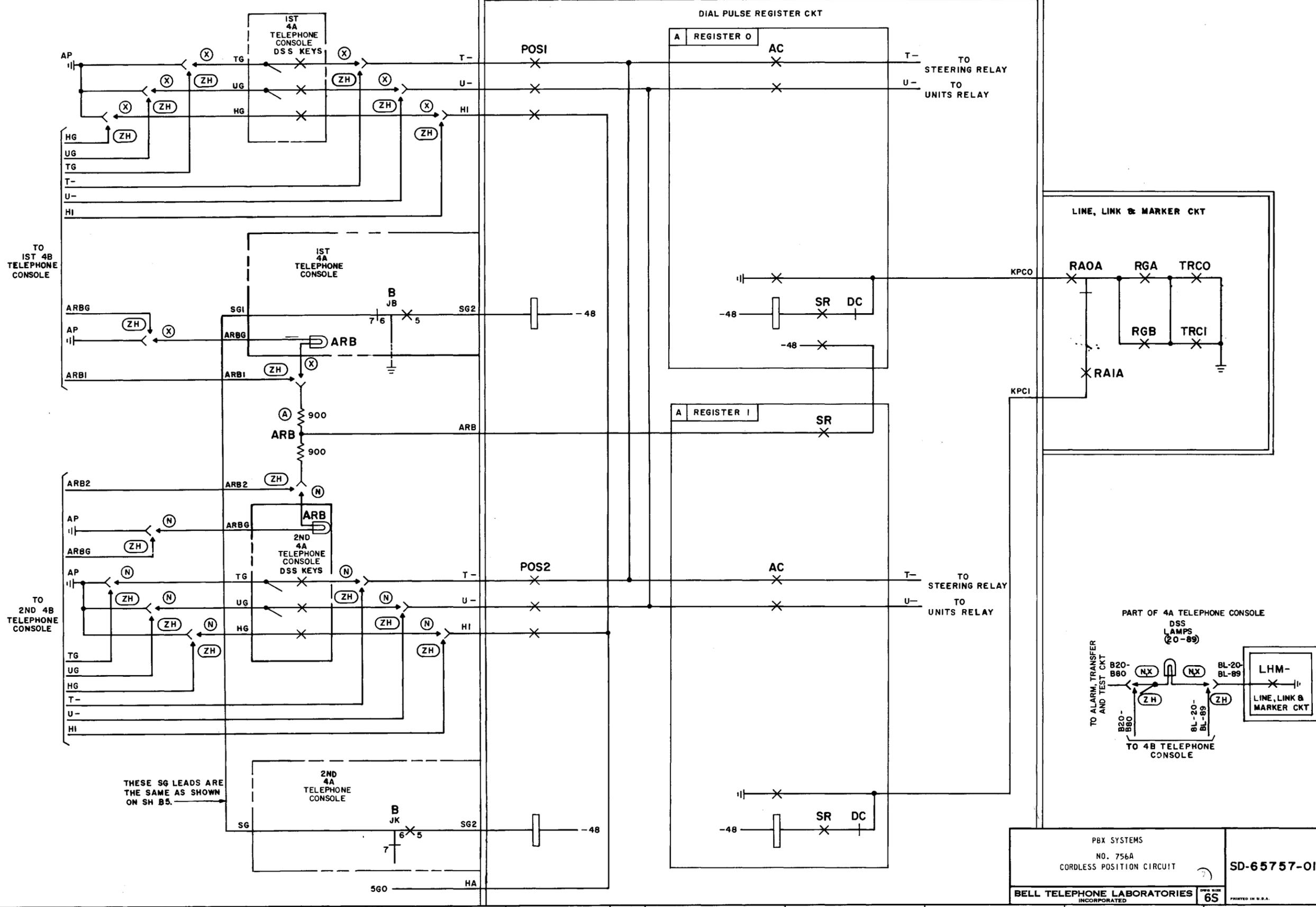
CORDLESS POSITION CIRCUIT
BELL TELEPHONE LABORATORIES
INCORPORATED

SD-65757-01-B3

PART OF FS 2

ATTENDANT DIRECT STATION SELECTION

DRAWING ISSUE
68
MJD



SD-65757-01-B4

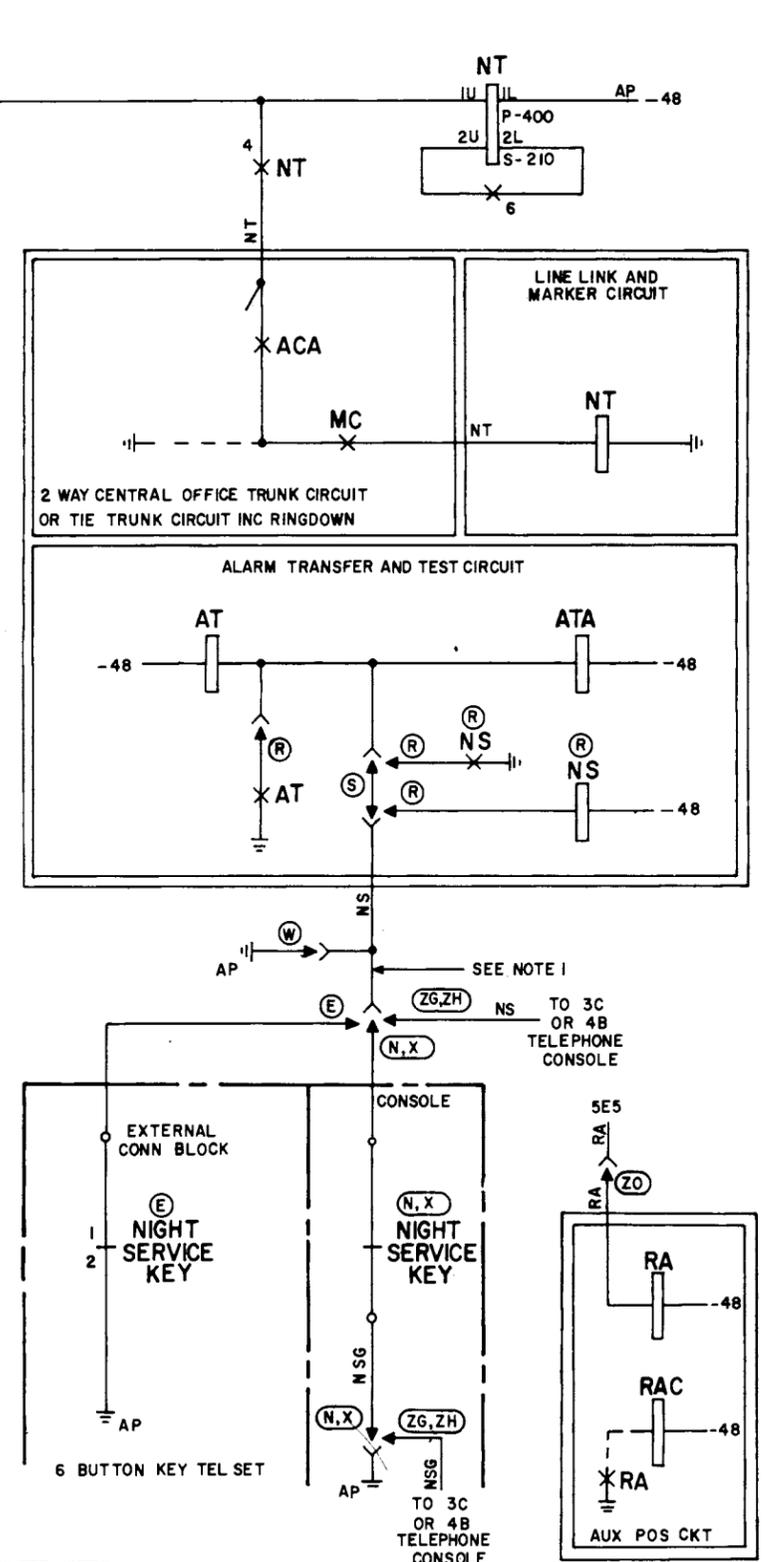
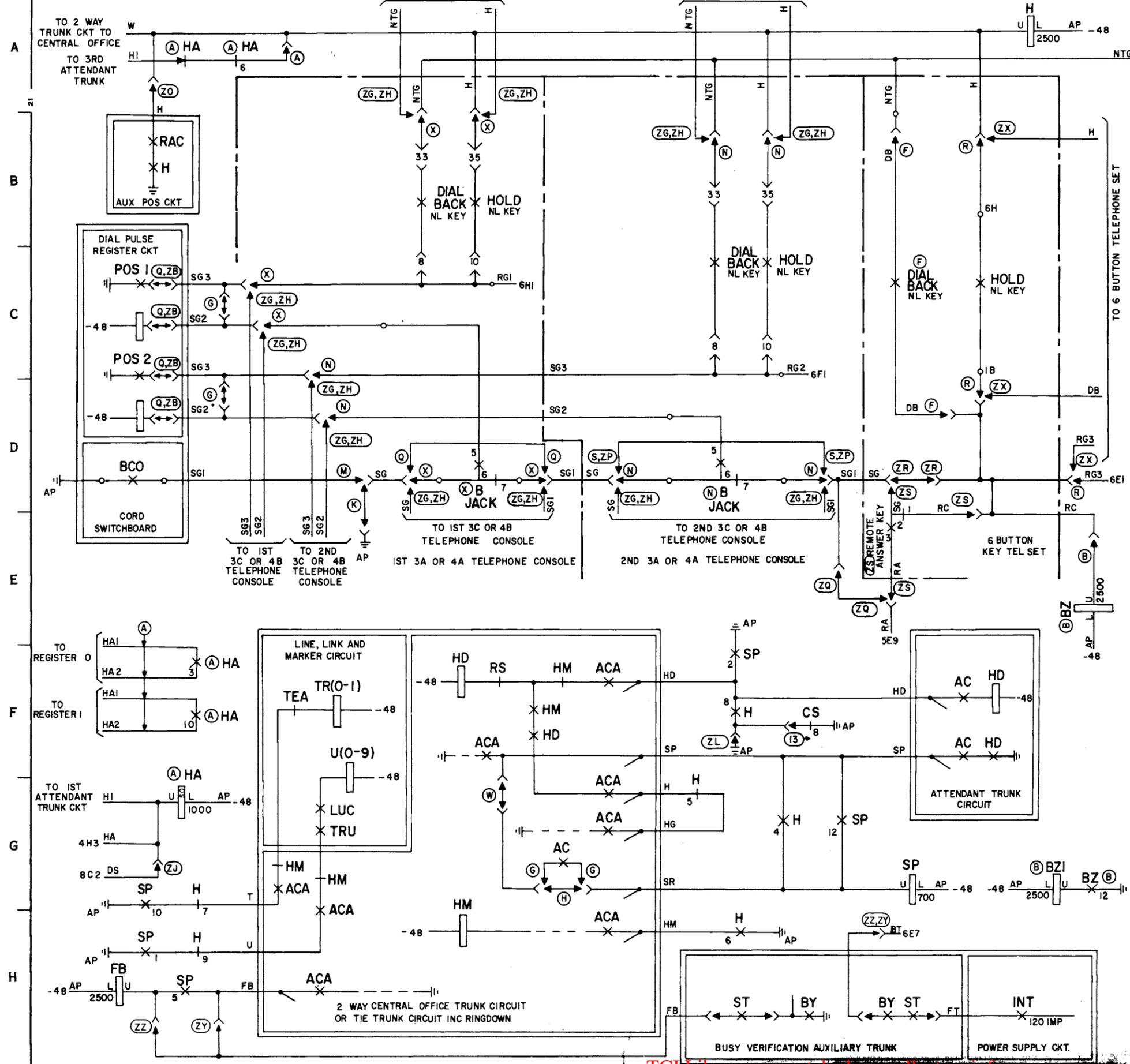
PBX SYSTEMS NO. 756A CORDLESS POSITION CIRCUIT		SD-65757-01-B4
BELL TELEPHONE LABORATORIES INCORPORATED		
65		PRINTED IN U.S.A.

FS 3

HOLD CONTROL AND MARKER START CIRCUIT
TO 1ST 3C OR 4B TELEPHONE CONSOLE TO 2ND 3C OR 4B TELEPHONE CONSOLE

FS 4

NIGHT AND DIAL BACK KEY CIRCUIT



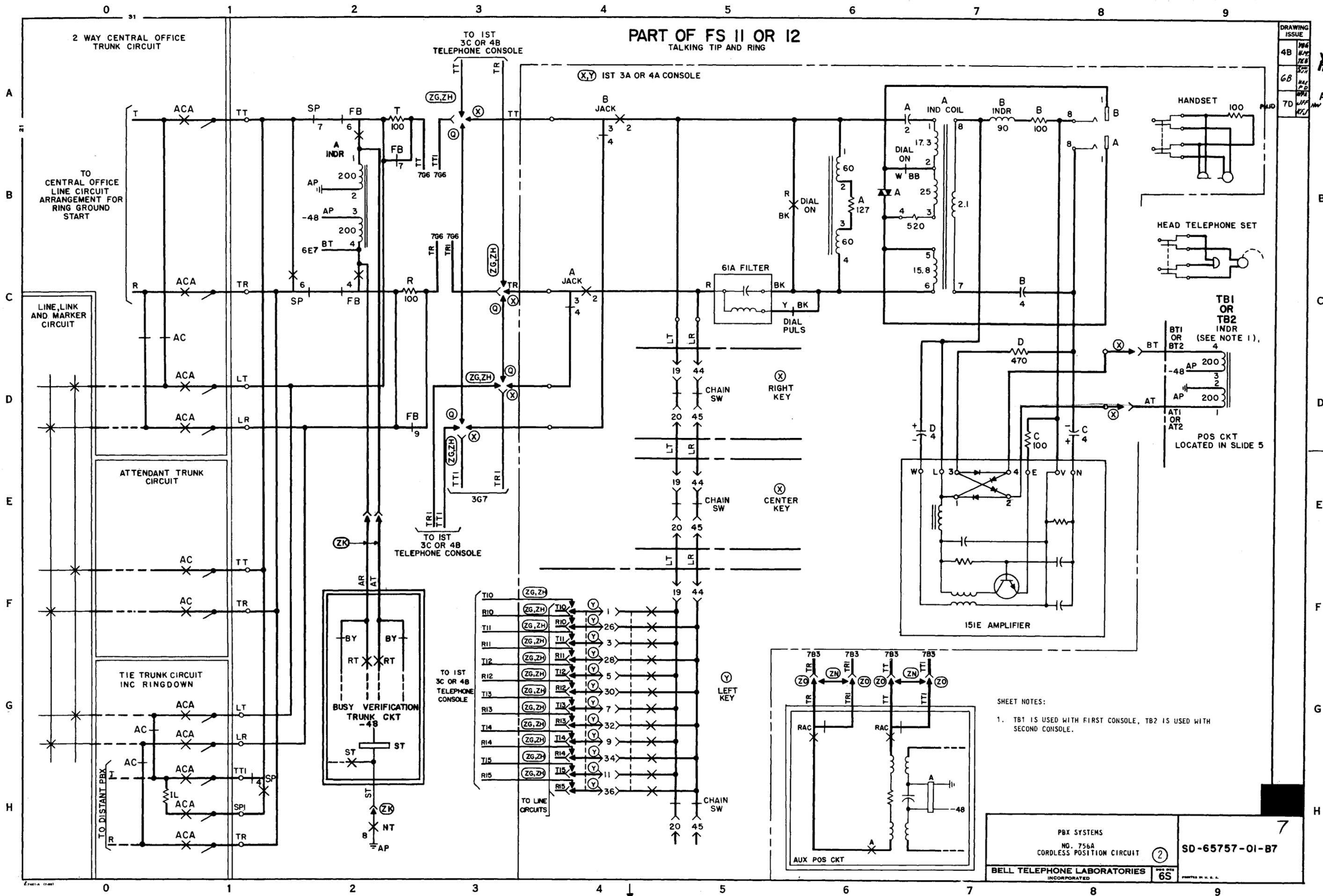
SHEET NOTES:
1. ONLY ONE NIGHT SERVICE KEY SHALL BE CONNECTED.

1	MD	PoB
2D	PAS	P.B.
3D	R.S.	P.B.
4B	VON	N.Y.
6B	WAM	HQ
7D	JHY	K.F.J.
8D	SAR	H.W.
11B	JAR	B
12D	RJ5	H.W.
13D	TEF	C
	PJ5	D
	RHP	E
		F
		G
		H

13

SD-65757-01-B5

SD-65757-01-87



DRAWING ISSUE

4B	1946
6B	1947
7D	1948

SHEET NOTES:
 1. TB1 IS USED WITH FIRST CONSOLE, TB2 IS USED WITH SECOND CONSOLE.

PBX SYSTEMS
 NO. 756A
 CORDLESS POSITION CIRCUIT
 BELL TELEPHONE LABORATORIES
 INCORPORATED

SD-65757-01-87

7

65

(13) FS13
INDICATION OF CAMPED-ON
CALL TO BUSY LINE

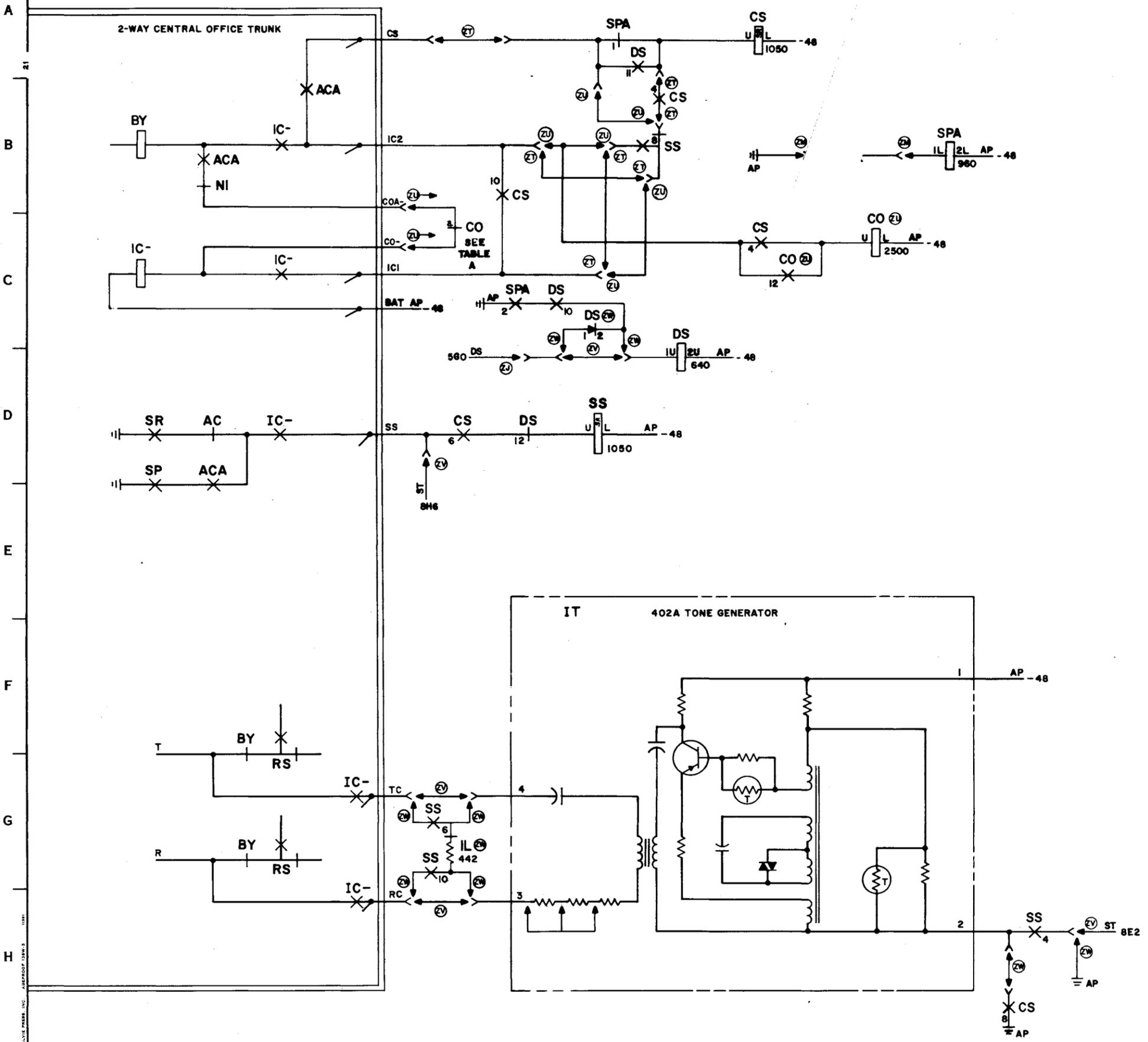


TABLE A

CO TRUNK NO.	LEAD DESIGNATION	CO REL CONT a.
0	CO0 COA0	1
1	CO1 COA1	3
2	CO2 COA2	4
3	CO3 COA3	5
4	CO4 COA4	6
5	CO5 COA5	7
6	CO6 COA6	8
7	CO7 COA7	9
8	CO8 COA8	10
9	CO9 COA9	11

CORDLESS POSITION CIRCUIT
BELL TELEPHONE LABORATORIES INCORPORATED
SD-65757-01-B8
DWA SIZE 65 PRINTED IN U.S.A.

DRAWING ISSUE

68	HW
IOAC	PJS
IB	RHS

APP FIG. 1

RELAYS		FB AF113				H AF68				NT AG14				SP AF111	
DESIG	CODE	CONT ARR		LOC	CONT ARR		LOC	CONT ARR		LOC	CONT ARR		LOC	CONT ARR	LOC
12														EM	5G5
11														M	8C3
10					EBM									M	5G0
9					B	a									
8					EBM			B	5F4	M	a			EBM	1G0
7					B	b			B	5G0	B			B	a
6					EBM	c			EMB	5H4	M	5A6		EMB	b
5					B				B	5G4	B	1G0	M	5H0	
4					EBM	d			M	5G4	M	5A7		EBM	c
3					B									M	
2														M	5F4
1														M	5H0
COIL															

a	2D3	7D3
b	2B2	7B2
c	2A2	7A2
d	2C2	7C2

RESISTOR	DESIG	LOC	CODE
H	100		K3-12401, L1, 5100
R	2C2		188W, 100
T	2A2		188W, 100
	7A2		

INDUCTOR	DESIG	LOC	CODE
A	2B2		274L
	7B2		

CAPACITOR	DESIG	LOC	CODE
BT	6E7		441K, 0.1UF

APP FIG. 3

RELAY		BZ		BZ1	
DESIG	CODE	AJB3		AJB3	
OPTION		B		B	
		CONT ARR	LOC	CONT ARR	LOC
12	EBM	5G6	EBM	6E3	
11	EBM		EBM		
10	EBM	6G4	EBM		
9	EBM	6G4	EBM		
8	EMB	6G4	EMB		
7	EBM	6G4	EBM		
6	EMB	6G4	EMB		
5	EMB	6G4	EMB		
4	EBM	6G4	EBM		
3	EBM	6G4	EBM	6F4	
2	EBM	6G4	EBM	6F4	
1	EBM	6G4	EBM	6F4	
COIL		5E6		5G6	

INDUCTOR	DESIG	LOC	CODE
TB1	2D9		274L
	7D9		
TB2	2D9		274L
	7D9		

APP FIG. 5

RELAY		HA	
DESIG	CODE	AFB5	
OPTION		A	
		CONT ARR	LOC
12			
11			
10	EBM		5F0
9	PM		
8			
7			
6	EBM		5A0
5			
4	PM		
3	M		5F0
2			
1			
COIL		5G0	

DIODE	DESIG	LOC	CODE
A	HA	5A0	KS-15724, L2

RESISTOR	DESIG	LOC	CODE
A	ARB	4E2	198A

APP FIG. 6

HEAD TELEPHONE SET		
DESIG	LOC	CODE
	2B9	52A
	7D9	

APP FIG. 7

HEAD TELEPHONE SET		
DESIG	LOC	CODE
	2B9	53A
	7D9	

APP FIG. 8

CAPACITOR		
DESIG	LOC	CODE
BZ	6E3	441B, 0.5UF

APP FIG. 13

RELAYS											
DESIG	CO	DESIG	CS	SS	SPA	DS					
CODE	AF129	CODE	AG24		AK15						
OPTION	ZU	OPTION									
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC					
12	M	8C4	12			B	8D2				
11	B	8C2	11			M	8B2				
10	BM	8C2	10	M	8C2	M	8C3				
9	B	8C2	9								
8	BM	8C2	8	BM	b	BM	8B2				
7	B	8C2	7								
6	BM	8C2	6	BM	8D2	BM	8G2				
5	B	8C2	5								
4	BM	8C2	4	M	a	M	8D2				
3	B	8C2	3			BM	8C2				
2	M		2								
1	B	8C2	1			BM	8A2				
COIL		8C5	COIL		8A3		8B3				

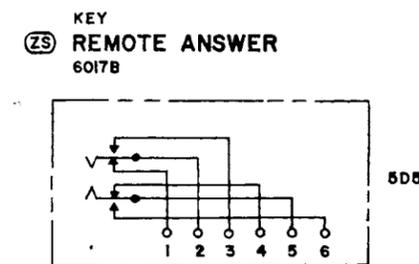
a	8B3
b	8C4
	8F4
	8H5

DIODE	DESIG	LOC	CODE
ZW	DS	8C3	446F

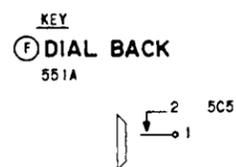
RESISTOR	DESIG	LOC	CODE
ZL	TL	8G2	145C, 442

TONE GENERATOR	DESIG	LOC	CODE
IT	IT	8F4	402A

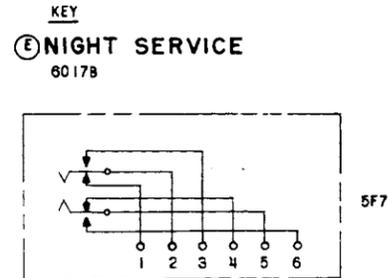
APP FIG. 14



APP FIG. 9



APP FIG. 10

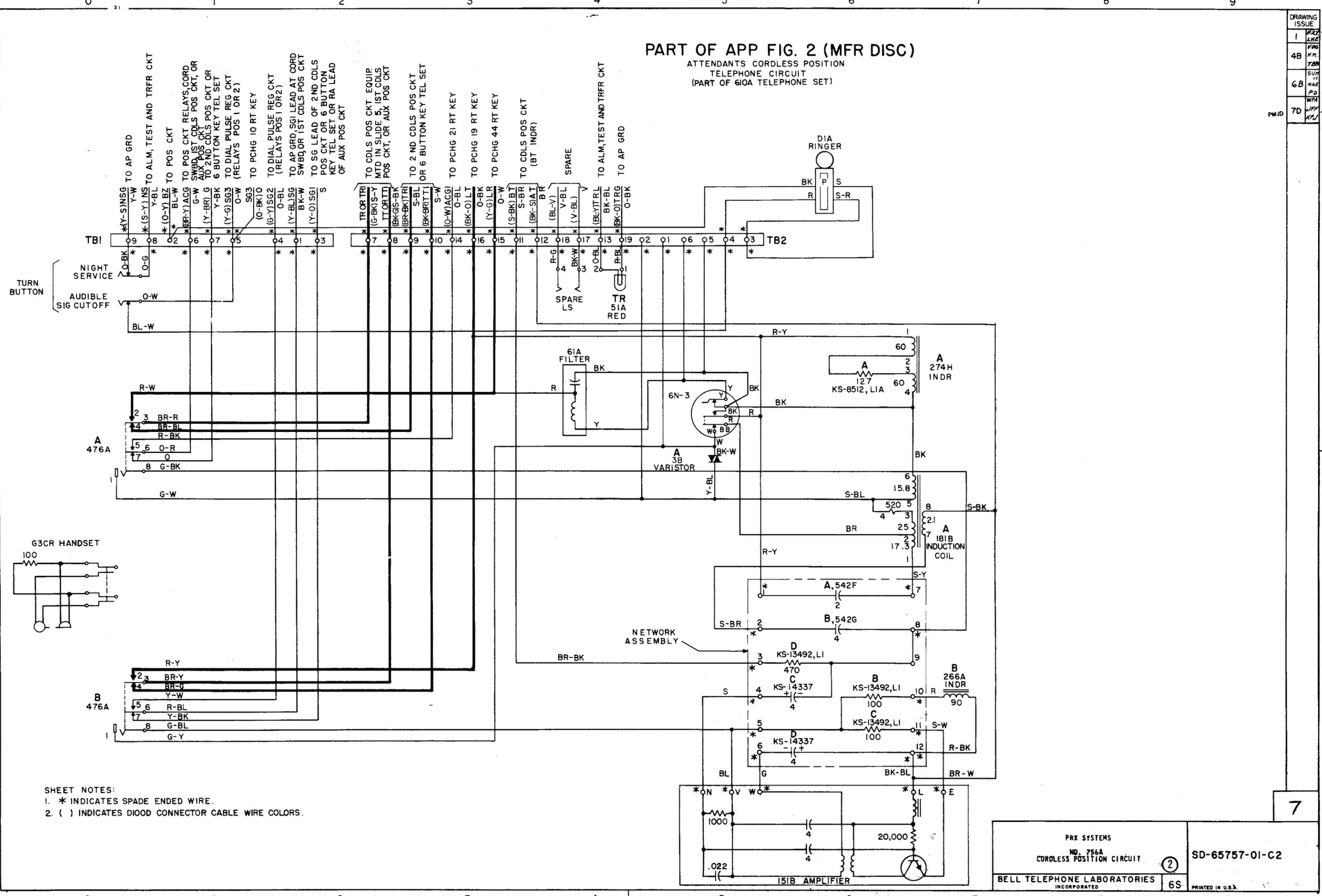


PART OF APP FIG. 2 (MFR DISC)

ATTENDANTS CORDLESS POSITION
TELEPHONE CIRCUIT
(PART OF 610A TELEPHONE SET)

DRAWING ISSUE	
1	PKZ LNE
4B	N.M. TEB
6B	SUP VSI HAE PD WPA
7D	WFF HW K/L

A
B
C
D
E
F
G
H



SHEET NOTES:
1. * INDICATES SPADE ENDED WIRE.
2. () INDICATES DIODD CONNECTOR CABLE WIRE COLORS.

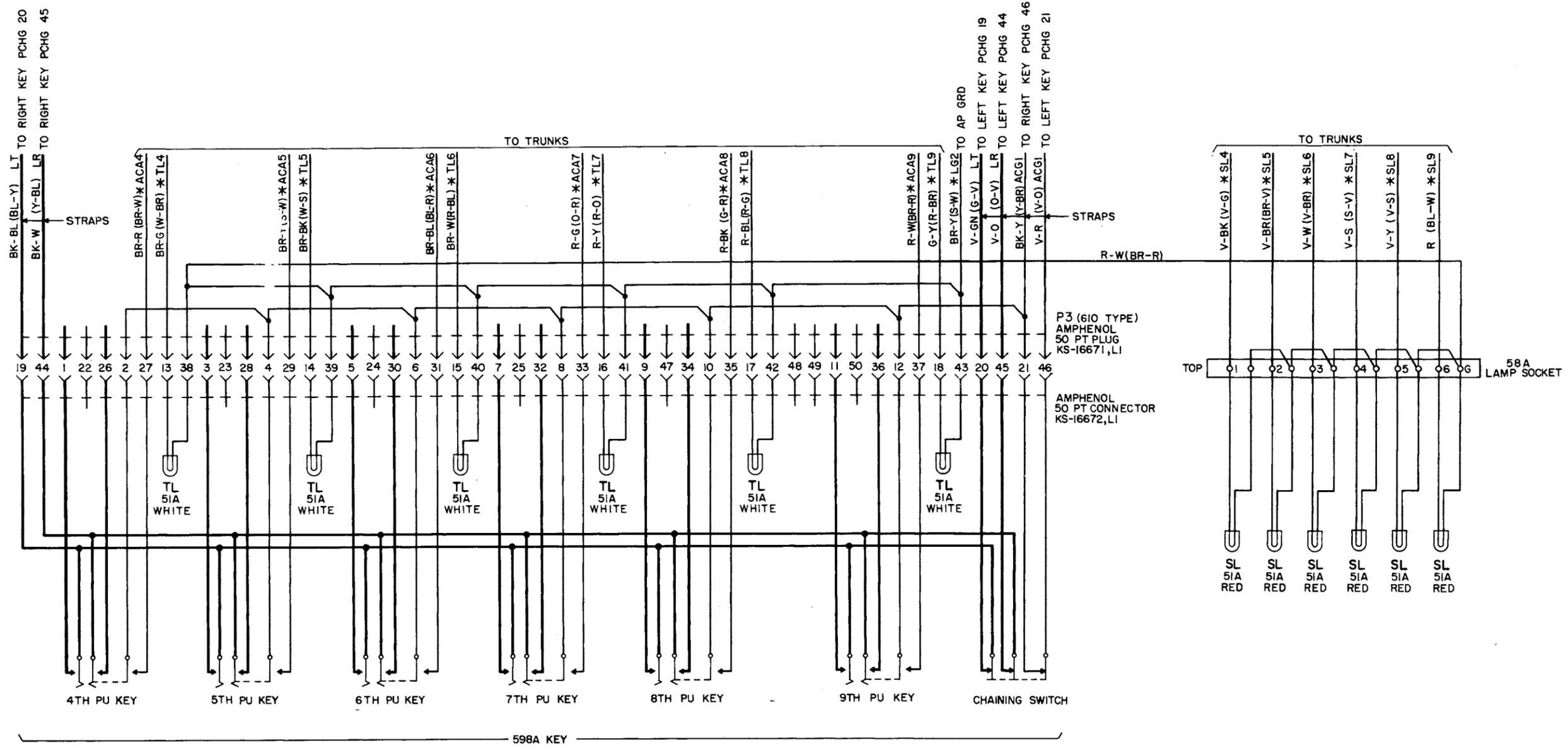
PRX SYSTEMS
NO. 756A
CORDLESS POSITION CIRCUIT
BELL TELEPHONE LABORATORIES
INCORPORATED

SD-65757-01-C2
6S
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PART OF APP FIG. 2 OR 11 (MFR DISC)

CORDLESS POSITION
 CENTER KEY AND LAMP UNIT
 (PART OF 610A OR TELEPHONE SET OR 3A
 TELEPHONE CONSOLE)

DRAWING ISSUE	
I	M.D. W.M.
4B	V.O.G. N.M.
6B	T.E.D. S.E.T. R.R. P.D.



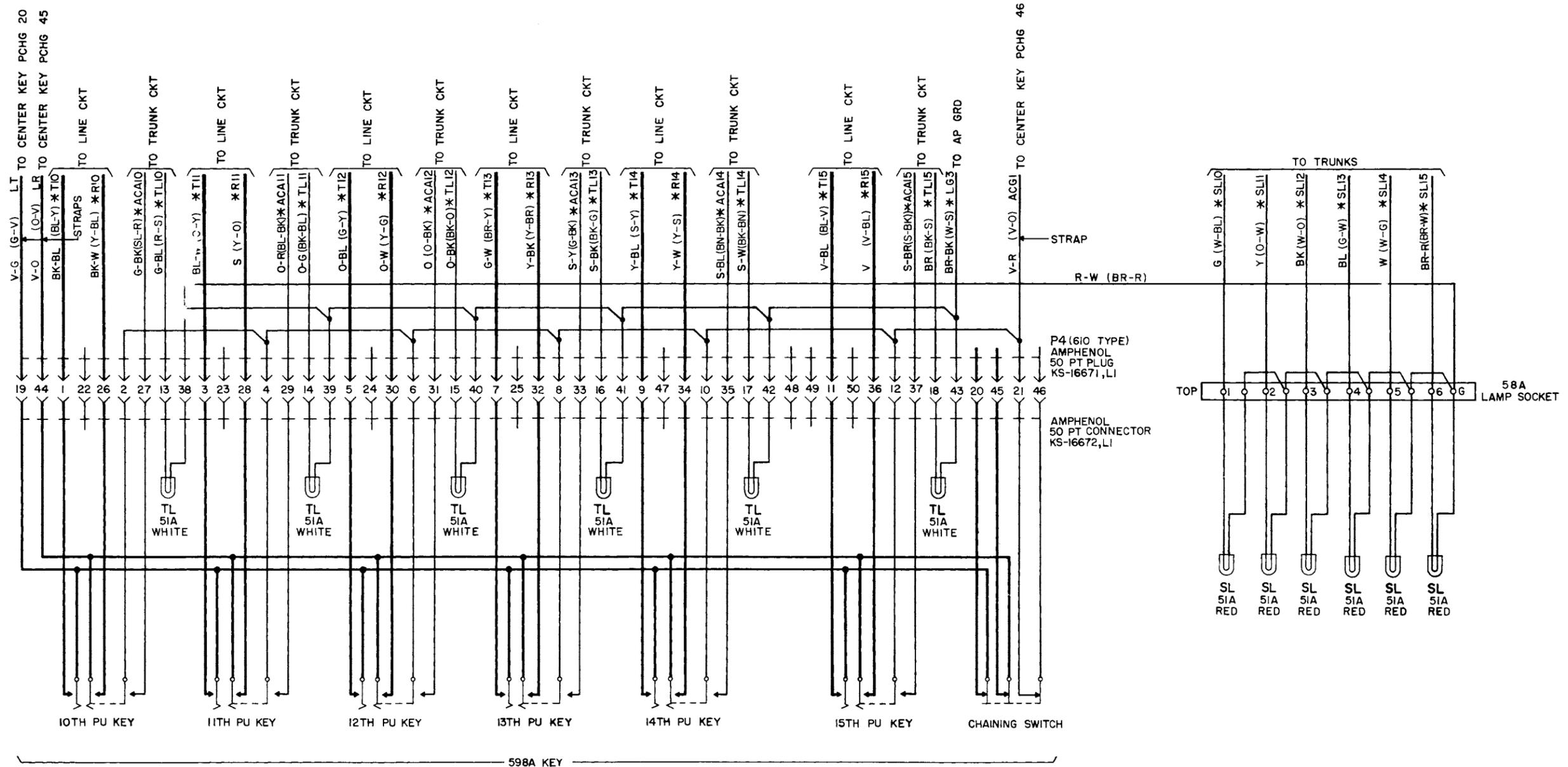
SHEET NOTES:
 1. * INDICATES LEADS RUN IN CABLE TO CROSS CONNECTING BOX. (SEE NOTE 201)
 2. () INDICATES DIODD CONNECTOR CABLE WIRE COLORS.

PBX SYSTEMS NO. 750A CORDLESS POSITION CIRCUIT		6 SD-65757-01-C4
BELL TELEPHONE LABORATORIES INCORPORATED		

PART OF APP FIG. 2 OR 11 (MFR DISC)

CORDLESS POSITION
 Ⓢ LEFT KEY AND LAMP UNIT
 (PART OF 610A TELEPHONE SET OR 3A TELEPHONE CONSOLE)

DRAWING	ISSUE	POB
I	M.D. W.M.	
4B	V.O.G. H.M.	
7EB	T.E.B.	
6B	S.M. H.A. P.P.	

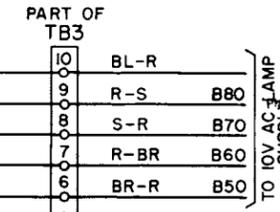
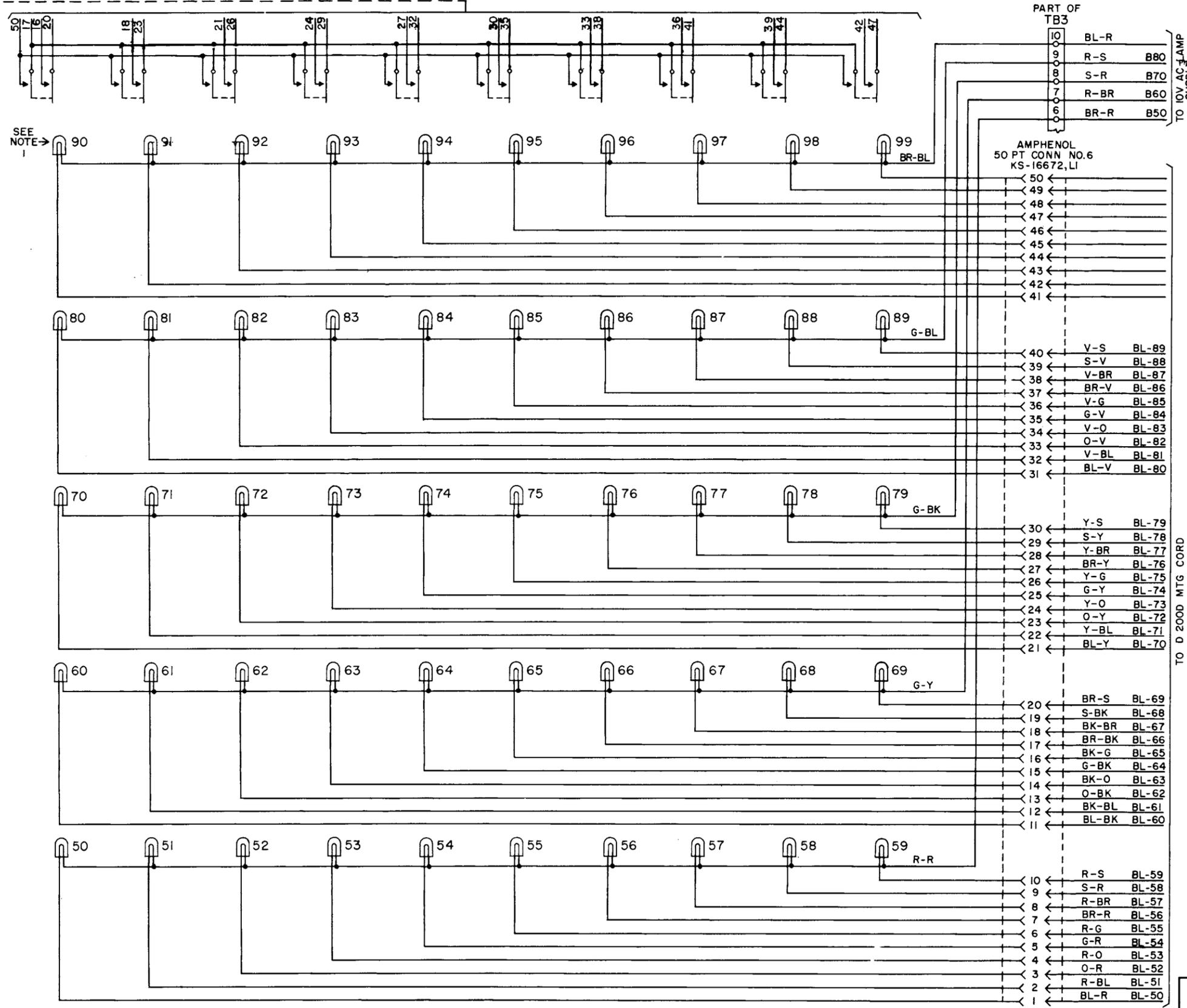
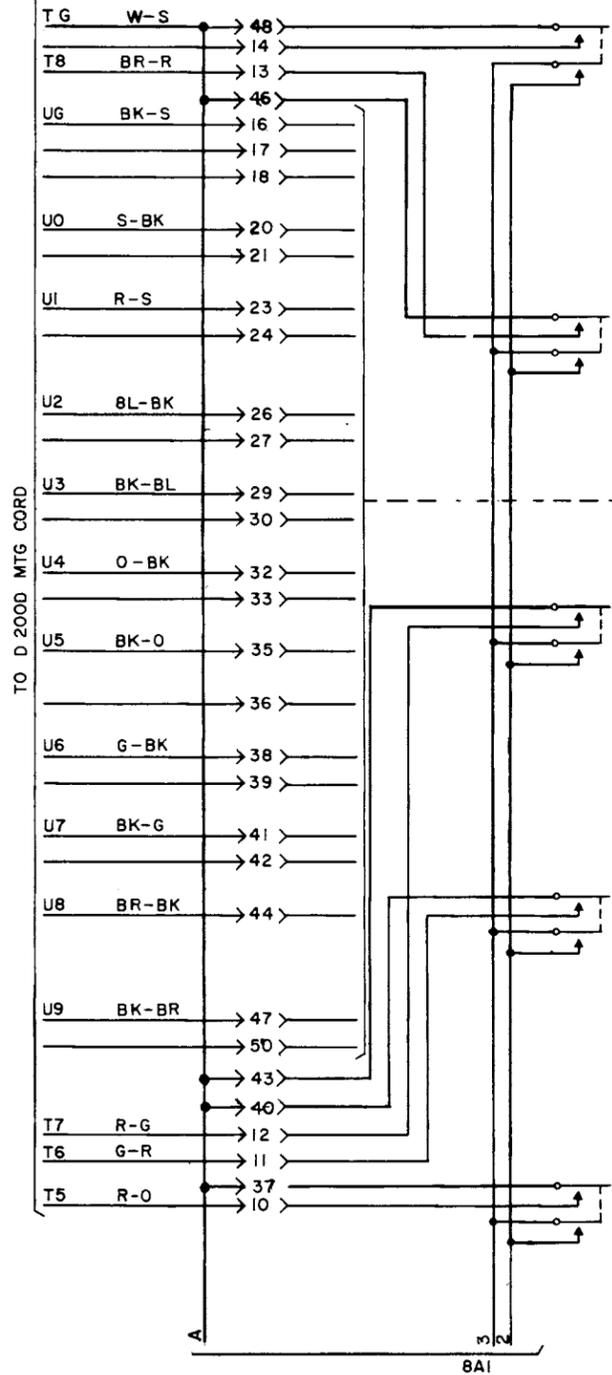


SHEET NOTES:
 1. * INDICATES LEADS RUN IN CABLE TO CROSS CONNECTING BOX. (SEE NOTE 201)
 2. () INDICATES DIODD CONNECTOR CABLE WIRE COLORS.

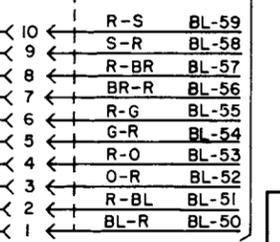
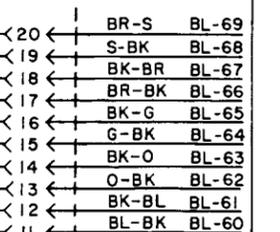
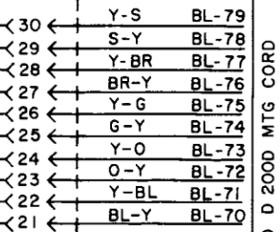
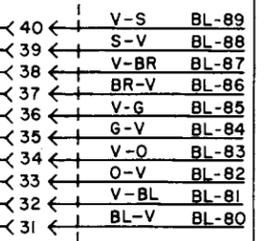
PBX SYSTEMS		6
NO. 758A CORDLESS POSITION CIRCUIT		
BELL TELEPHONE LABORATORIES INCORPORATED		SD-65757-01-C5

PART OF APP FIG. 12 (MFR DISC)
 DIRECT STATION SELECTION KEYS
 & BUSY LAMPS
 INCLUDED IN 4A TELEPHONE CONSOLE
 (SEE NOTE 207)

PART OF
 AMPHENOL
 50 PT CONN NO.4
 KS-16672,L1



AMPHENOL
 50 PT CONN NO.6
 KS-16672,L1



SHEET NOTES:
 1. LAMPS AND KEY BUTTONS
 90-99 ARE NOT EQUIPPED

DRAWING
 ISSUE
 4B
 6B

TO D 200D MTG CORD

6

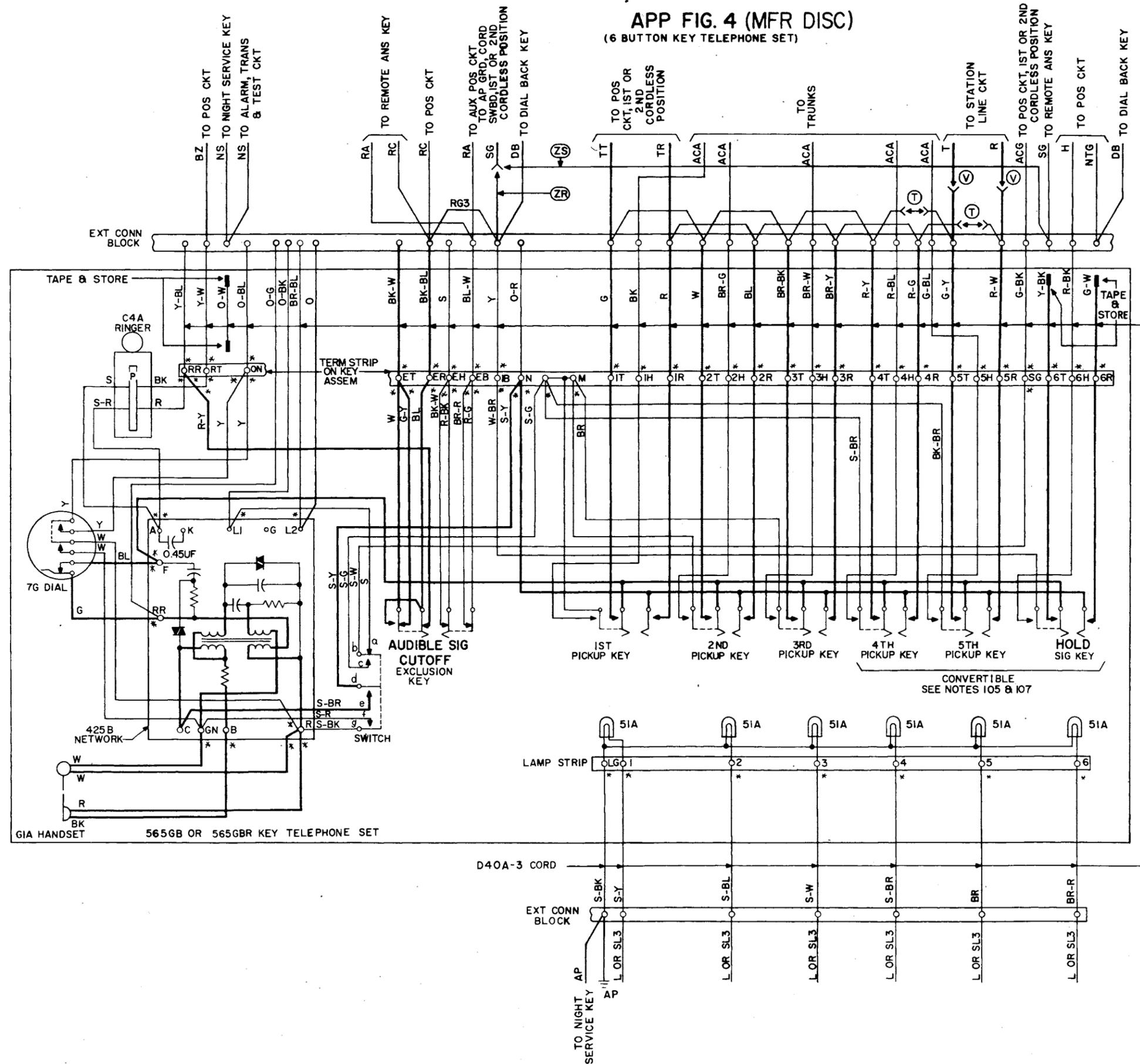
PBX SYSTEMS
 NO. 756A
 CORDLESS POSITION CIRCUIT

BELL TELEPHONE LABORATORIES
 INCORPORATED

SD- 65757-01-C6

6S

APP FIG. 4 (MFR DISC)
(6 BUTTON KEY TELEPHONE SET)



LEAD DESIG	PAIR NO.	COND	LEAD DESIG	PAIR NO.	COND
TT	1	W	BZ	12	BK
TR	1	BL			
ACA1	2	W			
SG	2	O	RC	13	G
SEE NOTE 2					
			RA	14	BR
			AP	16	Y
ACA2	4	W	L1 OR	16	BL
NTG	15	BK	SL3-1		
			SPARE	17	Y
			L2 OR	17	O
ACA3	6	R	SL3-2		
ACG	10	S	SPARE	18	Y
			L3 OR	18	G
			SL3-3		
ACA4	8	R	SPARE	19	Y
H	8	G	L4 OR	19	BR
T	9	R	SL3-4		
R	9	BR	SPARE	20	Y
ACA5	10	R	L5 OR	20	S
NS	15	S	SL3-5		
SG	11	BK			
SEE NOTE 3					

* TYPICAL FOR 21-PAIR INSIDE WIRING CABLE

MODIFICATION OF STANDARD SET

LEAD OR CONDUCTOR COLOR	DISCONNECT FROM TERM.	CONNECT TO TERM.
S (RINGER)	K	A
BK (RINGER)	IT	RT
R (RINGER)	IR	RR
Y (DIAL)	SG	ON
S-G (SWITCH)	L2	M
G-Y (EXC KEY)	IT	ET
R-Y (EXC KEY)	IR	RR
W-BR (6TH KEY)	M	IB

SHEET NOTES:

- * INDICATES SPADE ENDED WIRE.
- LEAD DESIGNATION WHEN OPTION ZR IS PROVIDED.
- LEAD DESIGNATION WHEN OPTION ZS IS PROVIDED.

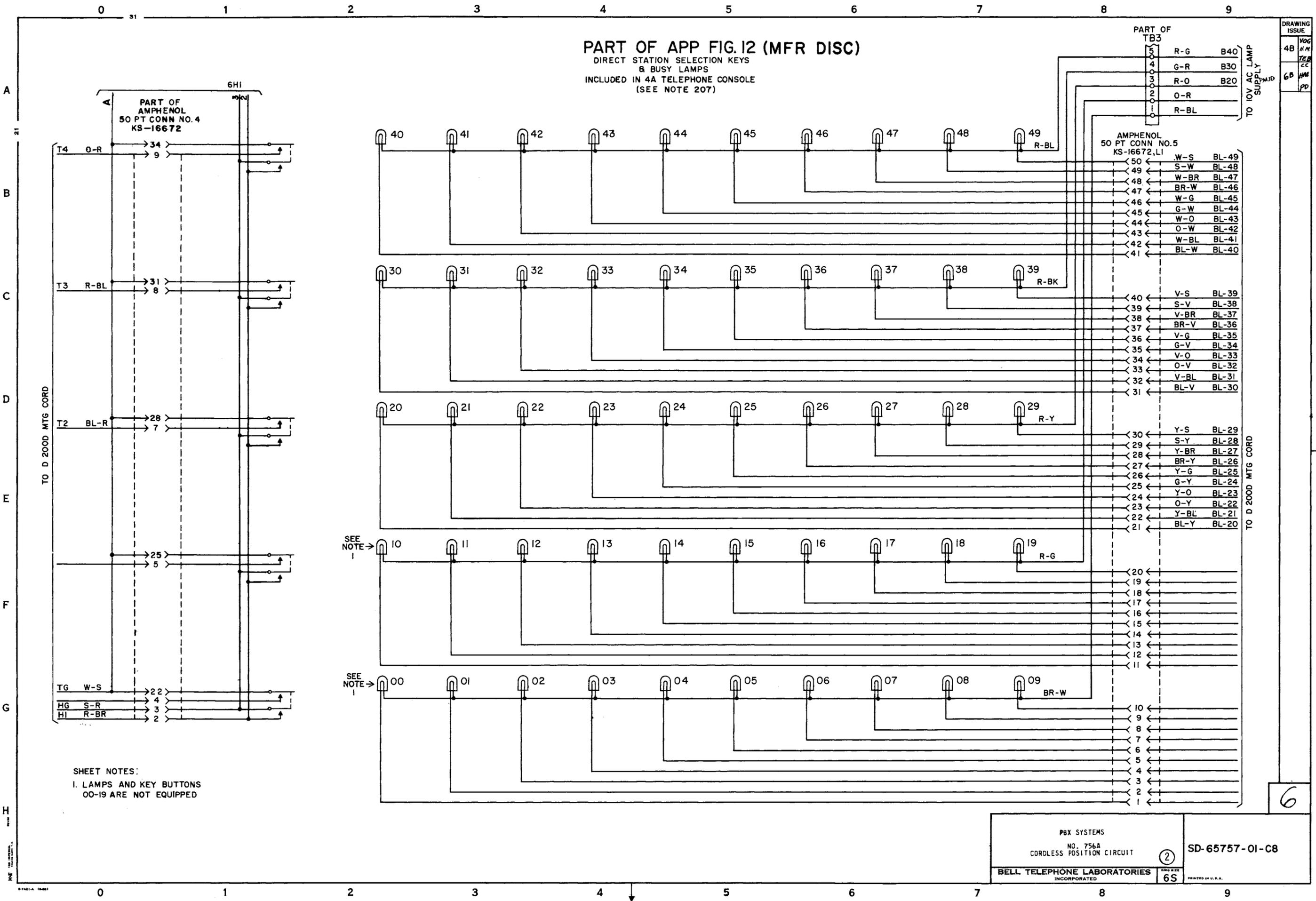
CORDLESS POSITION CIRCUIT 2 SD-65757-01-C7

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

SD-65757-01-C7

PART OF APP FIG. 12 (MFR DISC)

DIRECT STATION SELECTION KEYS
& BUSY LAMPS
INCLUDED IN 4A TELEPHONE CONSOLE
(SEE NOTE 207)



SHEET NOTES:
I. LAMPS AND KEY BUTTONS
00-19 ARE NOT EQUIPPED

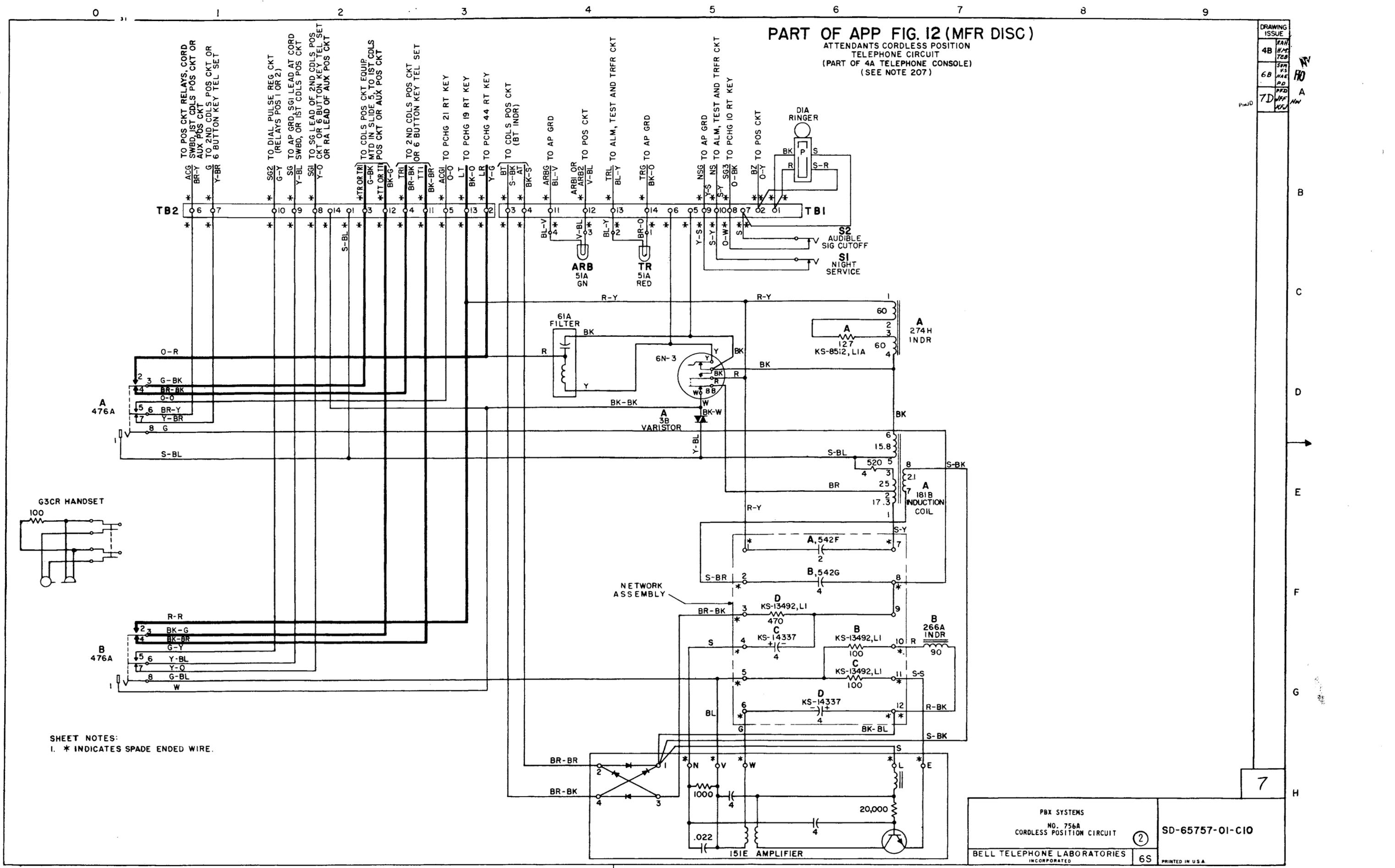
PBX SYSTEMS		②	SD-65757-01-C8
NO. 756A CORDLESS POSITION CIRCUIT			
BELL TELEPHONE LABORATORIES INCORPORATED		6S	PRINTED IN U.S.A.

SD-65757-01-C8

PART OF APP FIG. 12 (MFR DISC)

ATTENDANTS CORDLESS POSITION
TELEPHONE CIRCUIT
(PART OF 4A TELEPHONE CONSOLE)
(SEE NOTE 207)

DRAWING ISSUE	4B	MAH	H/2	T2B
	6B	SWR	VS	HAE
	7D	PPD	OFF	KFL



SHEET NOTES:
1. * INDICATES SPADE ENDED WIRE.

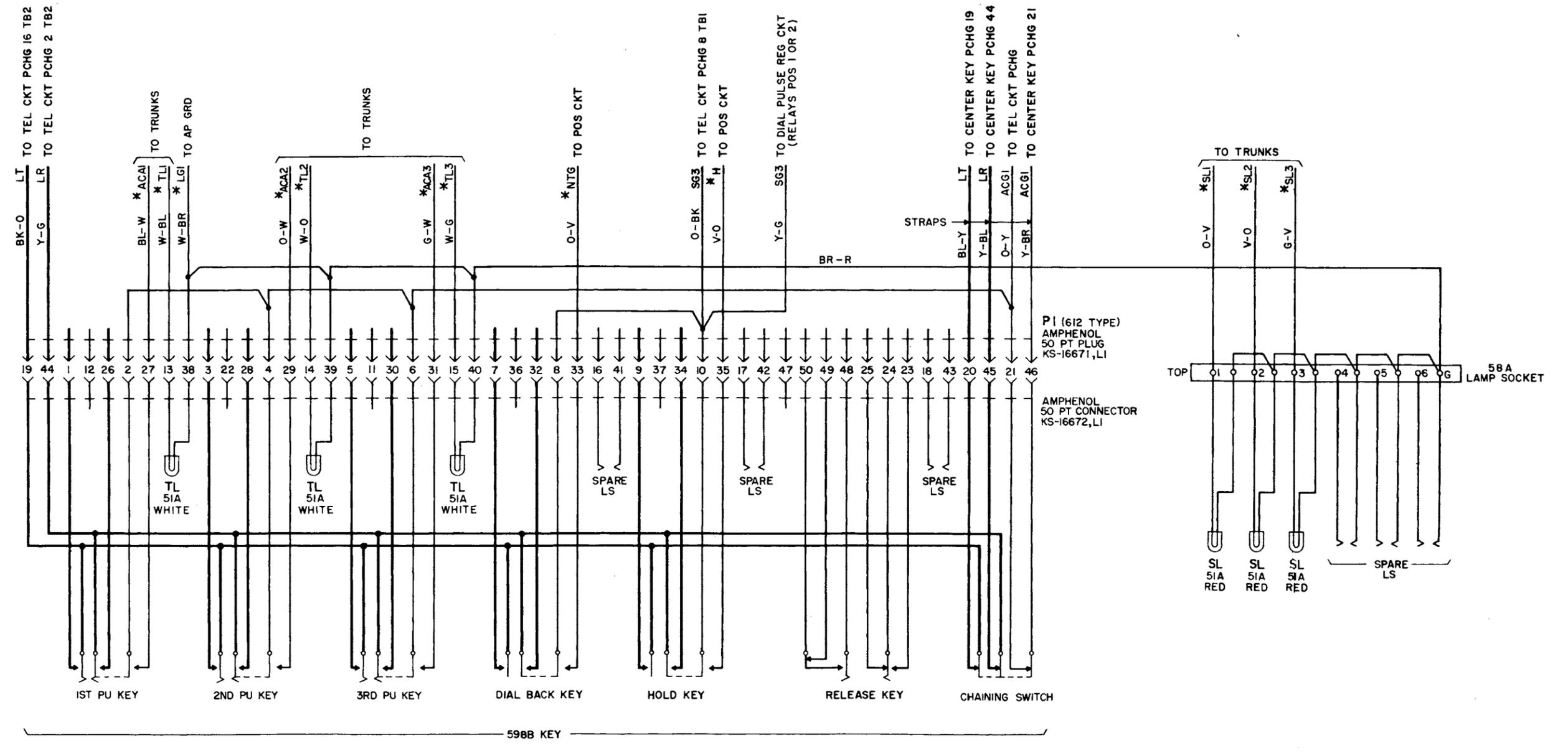
PBX SYSTEMS NO. 756A CORDLESS POSITION CIRCUIT	②	SD-65757-01-C10
BELL TELEPHONE LABORATORIES INCORPORATED	6S	PRINTED IN U.S.A.

PART OF APP FIG. 12 (MFR DISC)

CORDLESS POSITION
RIGHT KEY AND LAMP UNIT
(PART OF 4A TELEPHONE CONSOLE)
(SEE NOTE 207)

DRAWING	ISSUE
4B	KAM H.M. T.E.B.
6B	SUM V.S. H.A.E. P.D.

A
B
C
D
E
F
G
H

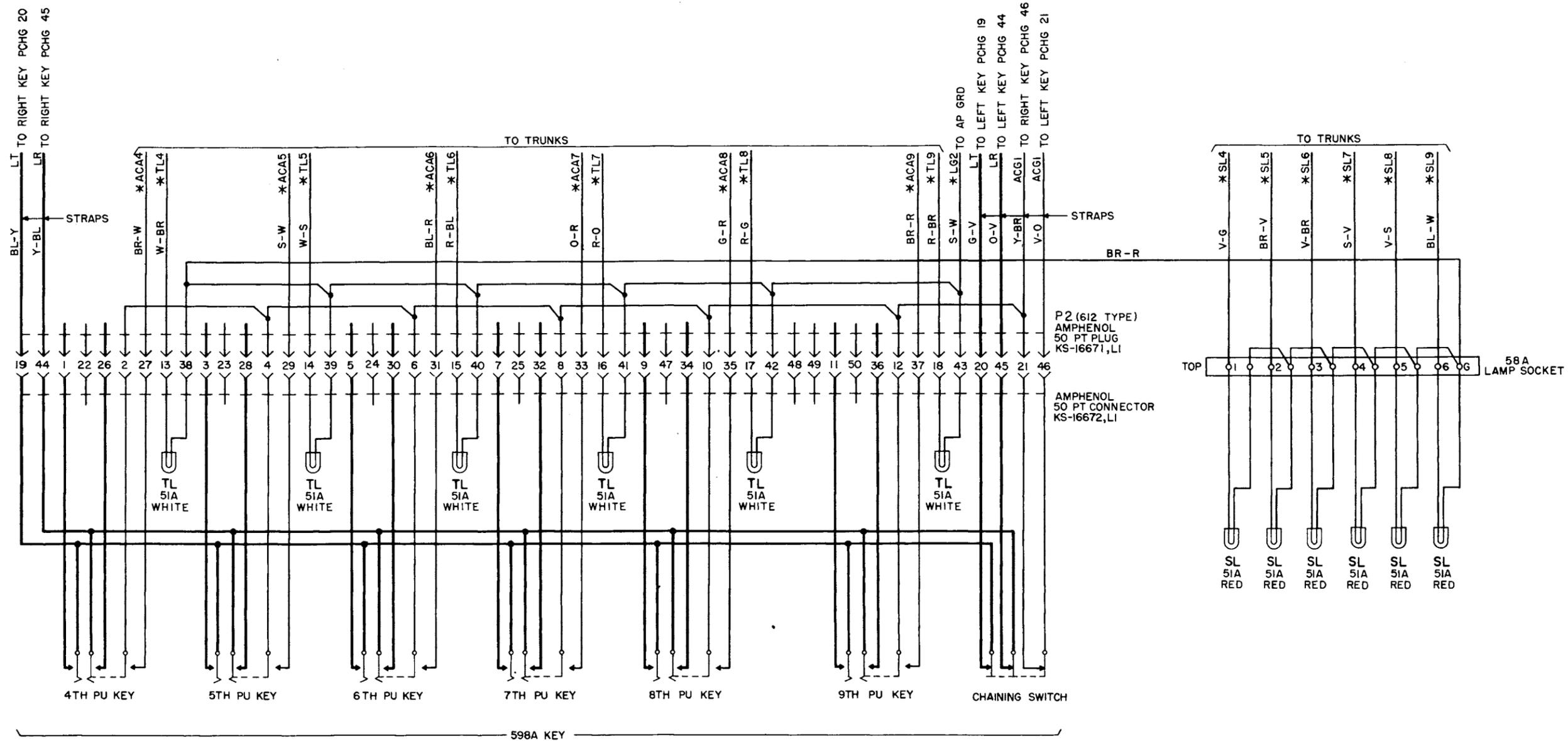


SHEET NOTES:
1. * INDICATES LEADS RUN IN CABLE TO CROSS CONNECTING BOX. (SEE NOTE 202)

SD-65757-01-C11

PBX SYSTEMS		6
NO. 756A CORDLESS POSITION CIRCUIT		
BELL TELEPHONE LABORATORIES INCORPORATED		SD-65757-01-C11
65		PRINTED IN U.S.A.

PART OF APP FIG. 12 (MFR DISC)
 CORDLESS POSITION
 CENTER KEY AND LAMP UNIT
 (PART OF 4A TELEPHONE CONSOLE)
 (SEE NOTE 207)



SHEET NOTES:
 I. * INDICATES LEADS RUN IN CABLE TO CROSS CONNECTING BOX. (SEE NOTE 202)

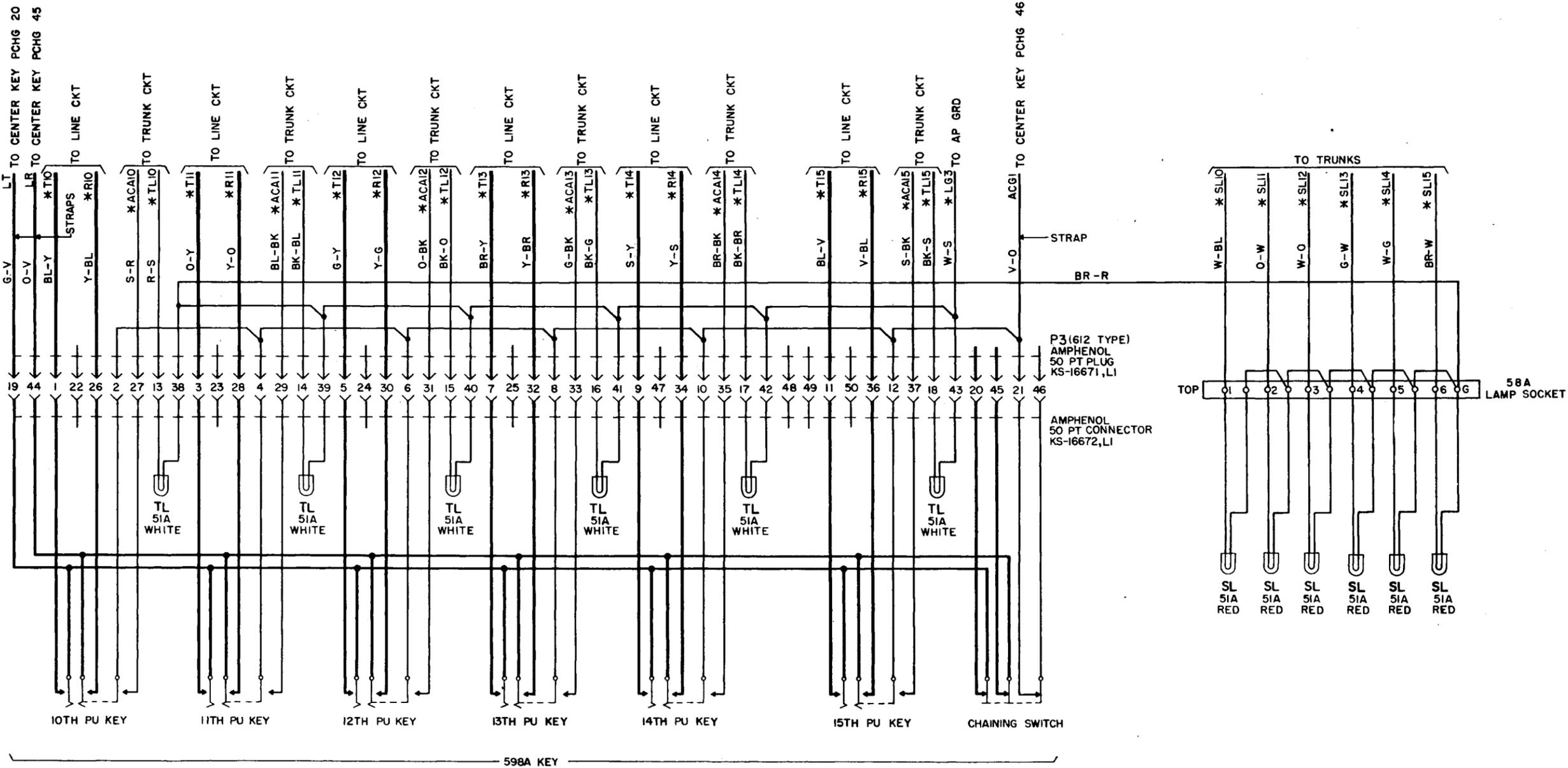
DRAWING	ISSUE
4B	REV. 8
6B	SUP. 12
	REV. 12
	REV. 12

PBX SYSTEMS NO. 756A CORDLESS POSITION CIRCUIT		6
BELL TELEPHONE LABORATORIES INCORPORATED		
65		SD-65757-01-C12

SD-65757-01-C12

PART OF APP FIG. 12 (MFR DISC)

CORDLESS POSITION
 ① LEFT KEY AND LAMP UNIT
 (PART OF 4A TELEPHONE CONSOLE)
 (SEE NOTE 207)



SHEET NOTES:
 1. * INDICATES LEADS RUN IN CABLE TO CROSS CONNECTING BOX. (SEE NOTE 202)

SD-65757-01-C13

PBX SYSTEMS		②	SD-65757-01-C13
NO. 756A CORDLESS POSITION CIRCUIT			
BELL TELEPHONE LABORATORIES INCORPORATED		65	6

CIRCUIT NOTES:

DESIG	FUSE AMP	POTENTIAL	ONE PER	TERM. DESIG
AP	1-1/3	-48V SIG	APP FIG. 1,3	
AP*		GROUND	APP FIG. 1,3	

* AP GROUND IS PART OF THE COMMON GROUND GROUP IN CROSS CONNECT BOX.

BATTERY SYMBOL	VOLTAGE RANGE
-48	45-50V

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
CORDLESS POSITION CIRCUIT	1,3,5,8,13	A,5	1 PER PBX
	USED WITH 3C CONSOLE	ZG	MAX 2 PER PBX SEE NOTE 206
	4B CONSOLE	ZH	
WITH BUSY VERIFICATION AUXILIARY TRUNK		ZK, ZZ	
REMOTE TRUNK ANSWERING	6 BUTTON KEY TEL SET PROVIDED (SEE NOTE 113)	ZO	
	1ST CONSOLE PROVIDED, NO 6 BUTTON KEY TEL SET	ZO,ZP, ZQ	
	2ND CONSOLE PROVIDED, NO 6 BUTTON KEY TEL SET	ZO,ZQ	
	NOT PROVIDED	ZN	
CORD SWBD	REQUIRED	M	
	NOT REQUIRED	K	
USED WITH 6 BUTTON KEY TEL SET SEE NOTE 108	ALONE (5 TRUNKS OR LESS)	Q, S, ZX, K	
	WITH CORD SWBD	Q, S, ZX	
	WITH 1ST CONSOLE	S, ZX	
	WITH 2ND CONSOLE	ZX	
	5TH PU KEY ARRANGED TO CONNECT TO LINE CKT	V	
	TRK CKT	T	
EXTERNALLY MOUNTED KEYS	REMOTE ANSWER KEY	ZR	
	NOT REQD		
	DIAL BACK KEY	14 ZS	1 PER PBX WHEN REQD
NIGHT SERVICE KEY	9 F		
	10 E		
HEADSET	6 OR 7		1 PER CONSOLE
NIGHT SERVICE NOT REQUIRED		W	
STATION DIAL TRANSFER		ZF	

NETWORK VALUES		
NETWORK NO.	RESISTANCE IN OHMS	CAPACITANCE IN UF

CIRCUIT NOTES (CONT):

CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
2D	B	ZC		B	ZC	
4B	A	NONE		A		
4B						FIG. 2
4B				FIG. 11 & 12		
5B	ZE OR ZD	ZD		ZE		ZD
6B	ZG, ZH	N, X, Y, FIG. 11 & 12		ZG, ZH		N, X, Y, FIG. 11 & 12
	ZK	NONE		ZK		
	ZL OR ZM, FIG. 13	ZL	110	ZM, FIG. 13		ZL
	ZJ	NONE	110, 111	ZJ		
7D			112			G
	ZN OR ZO	ZN		ZN, ZO		
	ZP, ZQ	NONE		ZP, ZQ		
	ZR OR ZS	ZR		ZR, ZS		
	FIG. 14	NONE		FIG. 14		
ZF	NONE	114	ZF			
10 AC	ZT OR ZU	ZT	115	ZU		ZT
10 AC	ZV OR ZW	ZV	116	ZW		ZV
11B	ZX	R FIG 4	209 210	ZX		R FIG 4
12D			102	ZY		
13D	ZZ	ZY	102	ZZ		ZY

105. TO CONVERT 6TH PICKUP TO SIGNAL KEY OPERATION REMOVE SCREW DETAIL P-12A892 FROM THE PLUNGER.
106. G, K, M, N, Q, R, S, W, X, Y, ZP, ZQ, ZR, AND ZS OPTIONS ARE APPLIED AT THE CROSS-CONN BOX.
107. T & V OPTIONS ARE APPLIED AT THE 6 BUTTON KEY TEL SET.
108. ONLY ONE NIGHT SERVICE KEY SHALL BE CONNECTED.
109. THE FOLLOWING INFORMATION APPLIES TO THE 3A AND 4A TELEPHONE CONSOLES AND 610A TELEPHONE SET:

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
610A TEL SET OR 3A CONSOLE WITHOUT DIRECT STATION SELECTION SEE NOTE 108	1ST	9 PU KEYS	X
		15 PU KEYS	X, Y
	2ND	9 PU KEYS	N
		15 PU KEYS	N, Y
4A CONSOLE WITH DIRECT STATION SELECTION SEE NOTE 108	1ST	9 PU KEYS	X
		15 PU KEYS	X, Y
	2ND	9 PU KEYS	N
		15 PU KEYS	N, Y

110. WHEN MODIFYING EXISTING JOBS FOR INDICATION OF CAMPED-ON CALL TO BUSY STATION, PROVIDE BOTH APP FIG. 13 AND OPTION ZM AND OPTION ZJ IF REQUIRED.
111. PROVIDE OPTION ZJ WHEN OPTION A IS PROVIDED.
112. PROVIDE OPTION G WHEN CONSOLE IS TO BE USED AND THE REGISTER IS ARRANGED FOR NEITHER DC KEY PULSING NOR DSS BY ATTENDANT.
113. REQUIRES REMOTE ANSWER KEY AT 6 BUTTON KEY TEL SET.
114. WHEN MODIFYING EXISTING JOBS FOR STATION DIAL TRANSFER PROVIDE OPTION ZF.
115. OPTION ZU IS REQUIRED ON EXISTING JOBS WHEN INDICATION OF CAMPED-ON CALL TO BUSY LINE IS SPECIFIED.

116. OPTION ZW IS REQUIRED ON EXISTING JOBS WHEN DIRECT STATION SELECTION IS USED BY THE ATTENDANT AND INDICATION OF CAMPED-ON, CALL TO A BUSY LINE IS SPECIFIED.

EQUIPMENT NOTES (CONT):

205. FOR DIAL PULSE OPERATION 3A AND 4A TELEPHONE CONSOLES ARE EQUIVALENT TO 3C AND 4B TELEPHONE CONSOLES AND MAY BE USED INTERCHANGEABLY.
206. THE 3C AND 4B TELEPHONE CONSOLES ARE TO BE ORDERED SEPARATELY AS FOLLOWS:

CODE	PROVIDED WITH
3C1	9 PU KEYS ROT DIAL
3C2	15 PU KEYS ROT DIAL
3C3	9 PU KEYS TT DIAL
3C4	15 PU KEYS TT DIAL
4B1	9 PU KEYS ROT DIAL DSS FIELD
4B2	15 PU KEYS ROT DIAL DSS FIELD
4B3	9 PU KEYS TT DIAL DSS FIELD
4B4	15 PU KEYS TT DIAL DSS FIELD

CONSOLE CODE	CUSTOMER	RATING
3C-	ASSOC. COMPANY	PROPOSED AT&TCO STANDARD
4B-		
3CW-	NON ASSOC. COMPANY	DISTRIBUTOR STANDARD U.S. GOVT ONLY
4BW-		

207. CODE OF 610B TELEPHONE SET WAS CHANGED TO 3A TELEPHONE CONSOLE. CODE OF 612A TELEPHONE SET WAS CHANGED TO 4A TELEPHONE CONSOLE.
208. FOR 3 TYPE TELEPHONE CONSOLES USE A50B CONNECTOR CABLE. FOR 4 TYPE TELEPHONE CONSOLES USE A100C CONNECTOR CABLE.
209. THE 565GK ROTARY DIAL 6 BUTTON KEY TELEPHONE SETS OR 1565GK TOUCH-TONE 6 BUTTON KEY TELEPHONE SETS AND LINE EXCLUSION KEY ARE TO BE ORDERED SEPARATELY.
210. SEE SHEET D7 FOR INFORMATION

DRAWING ISSUE
68
7D
10AC
11B
12D
13D

CORDLESS POSITION CIRCUIT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-65757-01-D1

65 PRINTED IN U.S.A.

EQUIPMENT NOTES:

201. CORD CONNECTIONS 27 GAUGE STRANDED WIRE FOR 3A TELEPHONE CONSOLE

(MFR DISC)									(MFR DISC)									
SHEET NO.	PLUG, TS NO., OR LAMP STRIP POS	TERM.	LEAD DESIGNATIONS	D100A CORD CONDUCTOR COLOR (WHITE BINDER)	D100D CORD CONDUCTOR COLOR (BLUE BINDER)	CORD PAIR	AMPHENOL 57-TYPE PLUG TERM. OUT OF SET	A50B CONN CA (BLUE BINDER) SEE NOTE 304	SHEET NO.	PLUG, TS NO., OR LAMP STRIP POS	TERM.	LEAD DESIGNATIONS	D100A CORD CONDUCTOR COLOR (RED BINDER)	D100D CORD CONDUCTOR COLOR (ORANGE BINDER)	CORD PAIR	AMPHENOL 57-TYPE PLUG TERM. OUT OF SET	A50B CONN CA (ORANGE BINDER) SEE NOTE 304	
C3	PLUG 2	27	ACA1	R	BL-W	1	1	BL-W	C4	CTR LP STR	6	SL9	R	BL-W	26	1	BL-W	
	PLUG 2	13	TL1	G	W-BL		26	W-BL	C5	LT LP STR	1	SL10	G	W-BL	26	26	W-BL	
	PLUG 2	29	ACA2	Y	O-W	2	2	O-W		LT LP STR	2	SL11	Y	O-W	27	2	O-W	
	PLUG 2	14	TL2	BK	W-O		27	W-O		LT LP STR	3	SL12	BK	W-O	27	27	W-O	
	PLUG 2	31	ACA3	BL	G-W	3	3	G-W		LT LP STR	4	SL13	BL	G-W	28	3	G-W	
PLUG 2	15	TL3	W	W-G		28	W-G	LT LP STR		5	SL14	W	W-G	28	28	W-G		
C4	PLUG 3	27	ACA4	BR-R	BR-W	4	4	BR-W	C6	LT LP STR	6	SL15	BR-R	BR-W	29	4	BR-W	
	PLUG 3	13	TL4	BR-G	W-BR	4	29	W-BR		C3	PLUG 2	38	LG1	BR-G	W-BR	29	29	W-BR
	PLUG 3	29	ACA5	BR-Y	S-W	5	5	S-W		C4	PLUG 3	43	LG2	BR-Y	S-W	30	5	S-W
	PLUG 3	14	TL5	BR-BK	W-S	5	30	W-S		C5	PLUG 4	43	LG3	BR-BK	W-S	30	30	W-S
	PLUG 3	31	ACA6	BR-BL	BL-R	6	6	BL-R			*	SPARE	BR-BL	BL-R	31	6	BL-R	
	PLUG 3	15	TL6	BR-W	R-BL	6	31	R-BL			*	SPARE	BR-W	R-BL	31	31	R-BL	
	PLUG 3	33	ACA7	R-G	O-R	7	7	O-R			*	SPARE	R-G	O-R	32	7	O-R	
	PLUG 3	16	TL7	R-Y	R-O	7	32	R-O			*	SPARE	R-Y	R-O	32	32	R-O	
	PLUG 3	35	ACA8	R-BK	G-R	8	8	G-R			*	SPARE	R-BK	G-R	33	8	G-R	
	PLUG 3	17	TL8	R-BL	R-G	8	33	R-G			*	SPARE	R-BL	R-G	33	33	R-G	
C5	PLUG 3	37	ACA9	R-W	BR-R	9	9	BR-R		*	SPARE	R-W	BR-R	34	9	BR-R		
	PLUG 3	18	TL9	G-Y	R-BR	9	34	R-BR		*	SPARE	G-Y	R-BR	34	34	R-BR		
	PLUG 4	27	ACA10	G-BK	S-R	10	10	S-R		*	SPARE	G-BK	S-R	35	10	S-R		
	PLUG 4	13	TL10	G-BL	R-S	10	35	R-S		*	SPARE	G-BL	R-S	35	35	R-S		
	PLUG 4	29	ACA11	O-R	BL-BK	11	11	BL-BK		*	SPARE	O-R	BL-BK	36	11	BL-BK		
	PLUG 4	14	TL11	O-G	BK-BL	11	36	BK-BL		*	SPARE	O-G	BK-BL	36	36	BK-BL		
	PLUG 4	31	ACA12	O	O-BK	12	12	O-BK		*	SPARE	O	O-BK	37	12	O-BK		
	PLUG 4	15	TL12	O-BK	BK-O	12	37	BK-O		*	SPARE	O-BK	BK-O	37	37	BK-O		
	PLUG 4	33	ACA13	S-Y	G-BK	13	13	G-BK		*	SPARE	S-Y	G-BK	38	13	G-BK		
	PLUG 4	16	TL13	S-BK	BK-G	13	38	BK-G		*	SPARE	S-BK	BK-G	38	38	BK-G		
	PLUG 4	35	ACA14	S-BL	BR-BK	14	14	BR-BK		*	SPARE	S-BL	BR-BK	39	14	BR-BK		
	PLUG 4	17	TL14	S-W	BK-BR	14	39	BK-BR		*	SPARE	S-W	BK-BR	39	39	BK-BR		
	PLUG 4	37	ACA15	S-BR	S-BK	15	15	S-BK		*	SPARE	S-BR	S-BK	40	15	S-BK		
	PLUG 4	18	TL15	BR	BK-S	15	40	BK-S		*	SPARE	BR	BK-S	40	40	BK-S		
	PLUG 4	1	T10	BK-BL	BL-Y	16	16	BL-Y		*	SPARE	BK-BL	BL-Y	41	16	BL-Y		
	PLUG 4	26	R10	BK-W	Y-BL	16	41	Y-BL		*	SPARE	BK-W	Y-BL	41	41	Y-BL		
	PLUG 4	3	T11	BL-W	O-Y	17	17	O-Y		*	SPARE	BL-W	O-Y	42	17	O-Y		
	PLUG 4	28	R11	S	Y-O	17	42	Y-O		*	SPARE	S	Y-O	42	42	Y-O		
	PLUG 4	5	T12	O-BL	G-Y	18	18	G-Y		*	SPARE	O-BL	G-Y	43	18	G-Y		
	PLUG 4	30	R12	O-W	Y-G	18	43	Y-G		*	SPARE	O-W	Y-G	43	43	Y-G		
	PLUG 4	7	T13	G-W	BR-Y	19	19	BR-Y		*	SPARE	G-W	BR-Y	44	19	BR-Y		
PLUG 4	32	R13	Y-BK	Y-BR	19	44	Y-BR		*	SPARE	Y-BK	Y-BR	44	44	Y-BR			
PLUG 4	9	T14	Y-BL	S-Y	20	20	S-Y		*	SPARE	Y-BL	S-Y	45	20	S-Y			
PLUG 4	34	R14	Y-W	Y-S	20	45	Y-S		*	SPARE	Y-W	Y-S	45	45	Y-S			
PLUG 4	11	T15	V-BL	BL-V	21	21	BL-V		*	SPARE	V-BL	BL-V	46	21	BL-V			
PLUG 4	36	R15	V	V-BL	21	46	V-BL		*	SPARE	V	V-BL	46	46	V-BL			
C3	RT LP STR	1	SL1	V-O	O-V	22	22	O-V	C3	PLUG 2	33	HTG	V-O	O-V	47	22	O-V	
	RT LP STR	2	SL2	V-R	V-O	22	47	V-O		PLUG 2	35	H	V-R	V-O	47	47	V-O	
	RT LP STR	3	SL3	V-G	G-V	23	23	G-V			*	SPARE	V-G	G-V	48	23	G-V	
C4	CTR LP STR	1	SL4	V-BK	V-G	24	48	V-G		*	SPARE	V-BK	V-G	48	48	V-G		
	CTR LP STR	2	SL5	V-BR	BR-V	24	24	BR-V		*	SPARE	V-BR	BR-V	49	24	BR-V		
	CTR LP STR	3	SL6	V-W	V-BR	24	49	V-BR		*	SPARE	V-W	V-BR	49	49	V-BR		
	CTR LP STR	4	SL7	V-S	S-V	25	25	S-V		*	SPARE	V-S	S-V	50	25	S-V		
	CTR LP STR	5	SL8	V-Y	V-S	25	50	V-S		*	SPARE	V-Y	V-S	50	50	V-S		

NOTES:

1. LOW NUMBERED TERMINALS ARE CLOSEST TO THE CORD BUTT.

2. RT LPST G BR-R STRAP TO P2 TERM. 40
 CTR LPSTR G BR-R STRAP TO P3 TERM. 38
 LT LPST G BR-R STRAP TO P4 TERM. 38

LOW NUMBERED TERMINALS ARE CLOSEST TO THE CORD BUTT.

*SPARE CONDUCTORS SHALL BE CUT DEAD, INSULATED AND OF SUFFICIENT LENGTH TO REACH FURTHEST TERMINAL IN SET.

**IN D100D CORD SG3 LEAD TERMINATES IN P2 TERM. 8 AND STRAPS TO P2 TERM. 10 WHICH IS STRAPPED TO TB1 TERM. 5.

DRAWING ISSUE
 GB SEA
 HAE
 PD.

6

SD-65757-01-D2

PBX SYSTEMS
 NO. 756A
 CORDLESS POSITION CIRCUIT
 BELL TELEPHONE LABORATORIES
 INCORPORATED
 65
 SD-65757-01-D2
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EQUIPMENT NOTES (CONT):

202. CORD CONNECTIONS 27 GAUGE STRANDED WIRE FOR 4A TELEPHONE CONSOLE

BLUE BINDER

ORANGE BINDER

SHEET NO.	AMPHENOL PLUG, TS OR LAMP STRIP TERMINAL IN SET SEE NOTE 303, FIG. 7		LEAD DESIGNATIONS	D200D CORD CONDUCTOR COLOR	CORD PAIR	AMPHENOL 57-TYPE 50 POINT PLUG TERM. OUT OF SET	AIOOC CONNECTOR CABLE SEE NOTE 304	SHEET NO.	AMPHENOL PLUG, TS OR LAMP STRIP TERMINAL IN SET SEE NOTE 303, FIG. 7		LEAD DESIGNATIONS	D200D CORD CONDUCTOR COLOR	CORD PAIR	AMPHENOL 57-TYPE 50 POINT PLUG TERM. OUT OF SET	AIOOC CONNECTOR CABLE SEE NOTE 304	
	PLUG, TS NO. OR LAMP STRIP POS	TERM							PLUG, TS NO. OR LAMP STRIP POS	TERM						
C11	PLUG 1	27	ACA1	BL - WH	1	1	BL - WH	C12	CTR LP STR	6	SL9	BL - WH	26	1	BL - WH	
	PLUG 1	13	TL1	WH - BL		26	WH - BL		LT LP STR	1	SL10	WH - BL	26	26	WH - BL	
	PLUG 1	29	ACA2	OR - WH	2	2	OR - WH	C13	LT LP STR	2	SL11	OR - WH	27	2	OR - WH	
	PLUG 1	14	TL2	WH - OR		27	WH - OR			LT LP STR	3	SL12	WH - OR	27	27	WH - OR
	PLUG 1	31	ACA3	GN - WH	3	3	GN - WH			LT LP STR	4	SL13	GN - WH	28	3	GN - WH
PLUG 1	15	TL3	WH - GN	28		WH - GN			LT LP STR	5	SL14	WH - GN	28	28	WH - GN	
PLUG 2	27	ACA4	BR - WH	4	4	BR - WH			LT LP STR	6	SL15	BR - WH	29	4	BR - WH	
PLUG 2	13	TL4	WH - BR		29	WH - BR	C11	PLUG 1	38	LG1	WH - BR	29	29	WH - BR		
C12	PLUG 2	29	ACA5	SL - WH	5	5	SL - WH	C12	PLUG 2	43	LG2	SL - WH	30	5	SL - WH	
	PLUG 2	14	TL5	WH - SL		30	WH - SL		PLUG 3	43	LG3	WH - SL	30	30	WH - SL	
	PLUG 2	31	ACA6	BL - RD	6	6	BL - RD	C6	TB3	10	SPARE	BL - RD	31	6	BL - RD	
	PLUG 2	15	TL6	RD - BL		31	RD - BL		TB3	1	SPARE	RD - BL	31	31	RD - BL	
	PLUG 2	33	ACA7	OR - RD	7	7	OR - RD		TB3	2	SPARE	OR - RD	32	7	OR - RD	
	PLUG 2	16	TL7	RD - OR		32	RD - OR		TB3	3	B20	RD - OR	32	32	RD - OR	
	PLUG 2	35	ACA8	GN - RD	8	8	GN - RD		TB3	4	B30	GN - RD	33	8	GN - RD	
	PLUG 2	17	TL8	RD - GN		33	RD - GN		TB3	5	B40	RD - GN	33	33	RD - GN	
	PLUG 2	37	ACA9	BR - RD	9	9	BR - RD		TB3	6	B50	BR - RD	34	9	BR - RD	
	PLUG 2	18	TL9	RD - BR		34	RD - BR		TB3	7	B60	RD - BR	34	34	RD - BR	
	C13	PLUG 3	27	ACA11	SL - RD	10	10	SL - RD		TB3	8	B70	SL - RD	35	10	SL - RD
		PLUG 3	13	TL10	RD - SL		35	RD - SL		TB3	9	B80	RD - SL	35	35	RD - SL
PLUG 3		29	ACA11	BL - BK	11	11	BL - BK		*	SPARE	BL - BK	36	11	BL - BK		
PLUG 3		14	TL11	BK - BL		36	BK - BL		*	SPARE	BK - BL	36	36	BK - BL		
PLUG 3		31	ACA12	OR - BK	12	12	OR - BK		*	SPARE	OR - BK	37	12	OR - BK		
PLUG 3		15	TL12	BK - OR		37	BK - OR		TB1	14	TRG	BK - OR	37	37	BK - OR	
PLUG 3		33	ACA13	GN - BK	13	13	GN - BK		TB2	3	TR	GN - BK	38	13	GN - BK	
PLUG 3		16	TL13	BK - GN		38	BK - GN		TB2	12	TT	BK - GN	38	38	BK - GN	
PLUG 3		35	ACA14	BR - BK	14	14	BR - BK		TB2	4	TR1	BR - BK	39	14	BR - BK	
PLUG 3		17	TL14	BK - BR		39	BK - BR		TB2	11	TT1	BK - BR	39	39	BK - BR	
PLUG 3		37	ACA15	SL - BK	15	15	SL - BK		TB1	3	BT	SL - BK	40	15	SL - BK	
PLUG 3		18	TL15	BK - SL		40	BK - SL		TB1	4	AT	BK - SL	40	40	BK - SL	
PLUG 3		1	T10	BL - YEL	16	16	BL - YEL		TB1	13	TRL	BL - YEL	41	16	BL - YEL	
PLUG 3		26	R10	YEL - BL		41	YEL - BL		TB2	9	SG	YEL - BL	41	41	YEL - BL	
PLUG 3		3	T11	OR - YEL	17	17	OR - YEL		TB1	2	BZ	OR - YEL	42	17	OR - YEL	
PLUG 3		28	R11	YEL - OR		42	YEL - OR		TB2	8	SG1	YEL - OR	42	42	YEL - OR	
PLUG 3		5	T12	GN - YEL	18	18	GN - YEL		TB2	10	SG2	GN - YEL	43	18	GN - YEL	
PLUG 3		30	R12	YEL - GN		43	YEL - GN		TB2	10	SG2	GN - YEL	43	18	GN - YEL	
PLUG 3		7	T13	BR - YEL	19	19	BR - YEL		C11	PLUG 1	10	SG3	YEL - GN	43	43	YEL - GN
PLUG 3		32	R13	YEL - BR		44	YEL - BR		TB2	6	ACG	BR - YEL	44	19	BR - YEL	
PLUG 3	9	T14	SL - YEL	20	20	SL - YEL		TB2	7	G	YEL - BR	44	44	YEL - BR		
PLUG 3	34	R14	YEL - SL		45	YEL - SL		TB1	10	NS	SL - YEL	45	20	SL - YEL		
PLUG 3	11	T15	BL - VIO	21	21	BL - VIO		TB1	9	NSG	YEL - SL	45	45	YEL - SL		
PLUG 3	36	R15	VIO - BL		46	VIO - BL		TB1	11	ARBG	BL - VIO	46	21	BL - VIO		
C11	RT LP STR	1	SL1	OR - VIO	22	22	OR - VIO		TB1	12	ARB-	VIO - BL	46	46	VIO - BL	
	RT LP STR	2	SL2	VIO - OR		47	VIO - OR		C11	PLUG 1	33	NTG	OR - VIO	47	22	OR - VIO
	RT LP STR	3	SL3	GN - VIO		23	GN - VIO		PLUG 1	35	H	VIO - OR	47	47	VIO - OR	
C12	CTR LP STR	1	SL4	VIO - GN	24	48	VIO - GN		*	SPARE	GN - VIO	48	23	GN - VIO		
	CTR LP STR	2	SL5	BR - VIO		49	BR - VIO		*	SPARE	VIO - GN	48	48	VIO - GN		
	CTR LP STR	3	SL6	VIO - BR		49	VIO - BR		*	SPARE	BR - VIO	49	24	BR - VIO		
	CTR LP STR	4	SL7	SL - VIO		25	SL - VIO		*	SPARE	VIO - BR	49	49	VIO - BR		
	CTR LP STR	5	SL8	VIO - SL		50	VIO - SL		*	SPARE	SL - VIO	50	25	SL - VIO		

LOW NUMBERED TERMINALS ARE CLOSEST TO THE CORD BUTT.

LOW NUMBERED TERMINALS ARE CLOSEST TO THE CORD BUTT.
 *SPARE CONDUCTORS SHALL BE CUT DEAD, INSULATED AND OF SUFFICIENT LENGTH TO REACH FURTHEST TERMINAL IN SET.

DRAWING ISSUE
 4B H.M.
 6B H.M.
 PAID

PBX SYSTEMS
 NO. 756A
 CORDLESS POSITION CIRCUIT
 BELL TELEPHONE LABORATORIES INCORPORATED
 SD-65757-01-D3
 6S
 PRINTED IN U.S.A.

EQUIPMENT NOTES (CONT.):
202. (CONT.)

GREEN BINDER

AMPHENOL PLUG, TS OR LAMP STRIP TERMINAL IN SET SEE NOTE 303, FIG. 7			LEAD DESIGNATIONS	D200D CORD CONDUCTOR COLOR	CORD PAIR	AMPHENOL 57-TYPE 50 POINT PLUG TERM. OUT OF SET		AIOOC CONNECTOR CABLE SEE NOTE 304
SHEET NO.	PLUG, TS NO. OR LAMP STRIP POS	TERM.				PLUG TERM.	OUT OF SET	
C8	*		SPARE	BL-WH	51	1	BL-WH	
	*		SPARE	WH-BL		26	WH-BL	
	*		SPARE	OR-WH		2	OR-WH	
	*		SPARE	WH-OR		27	WH-OR	
	*		SPARE	GN-WH		3	GN-WH	
	*		SPARE	WH-GN		28	WH-GN	
	*		SPARE	BR-WH		4	BR-WH	
	*		SPARE	WH-BR		29	WH-BR	
	*		SPARE	SL-WH		5	SL-WH	
	*		SPARE	WH-SL		30	WH-SL	
C8	PLUG 4	48	TG	BL-RD	56	6	BL-RD	
	PLUG 4	7	T2	RD-BL		31	RD-BL	
	PLUG 4	8	T3	OR-RD		7	OR-RD	
	PLUG 4	9	T4	RD-OR		32	RD-OR	
C6	PLUG 4	10	T5	GN-RD	58	8	GN-RD	
	PLUG 4	11	T6	RD-GN		33	RD-GN	
	PLUG 4	12	T7	BR-RD		9	BR-RD	
C8	PLUG 4	13	T8	RD-BR	59	34	RD-BR	
	PLUG 4	2	H1	SL-RD		10	SL-RD	
C6	PLUG 4	3	HG	RD-SL	60	35	RD-SL	
	PLUG 4	23	U1	BL-BK		11	BL-BK	
	PLUG 4	26	U2	BK-BL		36	BK-BL	
	PLUG 4	29	U3	OR-BK		12	OR-BK	
	PLUG 4	32	U4	BK-OR		37	BK-OR	
	PLUG 4	35	U5	GN-BK		13	GN-BK	
	PLUG 4	38	U6	BK-GN		38	BK-GN	
	PLUG 4	41	U7	BR-BK		14	BR-BK	
	PLUG 4	44	U8	BK-BR		39	BK-BR	
	PLUG 4	47	U9	SL-BK		15	SL-BK	
C8	PLUG 4	20	U0	BK-SL	65	40	BK-SL	
	PLUG 4	16	UG	BL-YEL		16	BL-YEL	
	PLUG 5	21	BL-20	YEL-BL		41	YEL-BL	
	PLUG 5	22	BL-21	OR-YEL		17	OR-YEL	
	PLUG 5	23	BL-22	YEL-OR		42	YEL-OR	
	PLUG 5	24	BL-23	GN-YEL		18	GN-YEL	
	PLUG 5	25	BL-24	YEL-GN		43	YEL-GN	
	PLUG 5	26	BL-25	BR-YEL		19	BR-YEL	
	PLUG 5	27	BL-26	YEL-BR		44	YEL-BR	
	PLUG 5	28	BL-27	SL-YEL		20	SL-YEL	
C8	PLUG 5	29	BL-28	YEL-SL	70	45	YEL-SL	
	PLUG 5	30	BL-29	BL-VIO		21	BL-VIO	
	PLUG 5	31	BL-30	VIO-BL		46	VIO-BL	
	PLUG 5	32	BL-31	OR-VIO		22	OR-VIO	
	PLUG 5	33	BL-32	VIO-OR		47	VIO-OR	
	PLUG 5	34	BL-33	GN-VIO		23	GN-VIO	
	PLUG 5	35	BL-34	VIO-GN		48	VIO-GN	
	PLUG 5	36	BL-35	BR-VIO		24	BR-VIO	
	PLUG 5	37	BL-36	VIO-BR		49	VIO-BR	
	PLUG 5	38	BL-37	SL-VIO		25	SL-VIO	
C8	PLUG 5	39	BL-38	VIO-SL	75	50	VIO-SL	
	PLUG 5	40	BL-39					

LOW NUMBERED TERMINALS ARE CLOSEST TO THE CORD BUTT.

* SPARE CONDUCTORS SHALL BE CUT DEAD, INSULATED AND OF SUFFICIENT LENGTH TO REACH FURTHEST TERMINAL IN SET.

BROWN BINDER

AMPHENOL PLUG, TS OR LAMP STRIP TERMINAL IN SET SEE NOTE 303, FIG. 7			LEAD DESIGNATIONS	D200D CORD CONDUCTOR COLOR	CORD PAIR	AMPHENOL 57-TYPE 50 POINT PLUG TERM. OUT OF SET		AIOOC CONNECTOR CABLE SEE NOTE 304
SHEET NO.	PLUG, TS NO. OR LAMP STRIP POS	TERM.				PLUG TERM.	OUT OF SET	
C8	PLUG 5	41	BL-40	BL-WH	76	1	BL-WH	
	PLUG 5	42	BL-41	WH-BL		26	WH-BL	
	PLUG 5	43	BL-42	OR-WH		2	OR-WH	
	PLUG 5	44	BL-43	WH-OR		27	WH-OR	
	PLUG 5	45	BL-44	GN-WH		3	GN-WH	
	PLUG 5	46	BL-45	WH-GN		28	WH-GN	
	PLUG 5	47	BL-46	BR-WH		4	BR-WH	
	PLUG 5	48	BL-47	WH-BR		29	WH-BR	
	PLUG 5	49	BL-48	SL-WH		5	SL-WH	
	PLUG 5	50	BL-49	WH-SL		30	WH-SL	
C6	PLUG 6	1	BL-50	BL-RD	81	6	BL-RD	
	PLUG 6	2	BL-51	RD-BL		31	RD-BL	
	PLUG 6	3	BL-52	OR-RD		7	OR-RD	
	PLUG 6	4	BL-53	RD-OR		32	RD-OR	
	PLUG 6	5	BL-54	GN-RD		8	GN-RD	
	PLUG 6	6	BL-55	RD-GN		33	RD-GN	
	PLUG 6	7	BL-56	BR-RD		9	BR-RD	
	PLUG 6	8	BL-57	RD-BR		34	RD-BR	
	PLUG 6	9	BL-58	SL-RD		10	SL-RD	
	PLUG 6	10	BL-59	RD-SL		35	RD-SL	
C6	PLUG 6	11	BL-60	BL-BK	86	11	BL-BK	
	PLUG 6	12	BL-61	BK-BL		36	BK-BL	
	PLUG 6	13	BL-62	OR-BK		12	OR-BK	
	PLUG 6	14	BL-63	BK-OR		37	BK-OR	
	PLUG 6	15	BL-64	GN-BK		13	GN-BK	
	PLUG 6	16	BL-65	BK-GN		38	BK-GN	
	PLUG 6	17	BL-66	BR-BK		14	BR-BK	
	PLUG 6	18	BL-67	BK-BR		39	BK-BR	
	PLUG 6	19	BL-68	SL-BK		15	SL-BK	
	PLUG 6	20	BL-69	BK-SL		40	BK-SL	
C6	PLUG 6	21	BL-70	BL-YEL	91	16	BL-YEL	
	PLUG 6	22	BL-71	YEL-BL		41	YEL-BL	
	PLUG 6	23	BL-72	OR-YEL		17	OR-YEL	
	PLUG 6	24	BL-73	YEL-OR		42	YEL-OR	
	PLUG 6	25	BL-74	GN-YEL		18	GN-YEL	
	PLUG 6	26	BL-75	YEL-GN		43	YEL-GN	
	PLUG 6	27	BL-76	BR-YEL		19	BR-YEL	
	PLUG 6	28	BL-77	YEL-BR		44	YEL-BR	
	PLUG 6	29	BL-78	SL-YEL		20	SL-YEL	
	PLUG 6	30	BL-79	YEL-SL		45	YEL-SL	
C6	PLUG 6	31	BL-80	BL-VIO	96	21	BL-VIO	
	PLUG 6	32	BL-81	VIO-BL		46	VIO-BL	
	PLUG 6	33	BL-82	OR-VIO		22	OR-VIO	
	PLUG 6	34	BL-83	VIO-OR		47	VIO-OR	
	PLUG 6	35	BL-84	GN-VIO		23	GN-VIO	
	PLUG 6	36	BL-85	VIO-GN		48	VIO-GN	
	PLUG 6	37	BL-86	BR-VIO		24	BR-VIO	
	PLUG 6	38	BL-87	VIO-BR		49	VIO-BR	
	PLUG 6	39	BL-88	SL-VIO		25	SL-VIO	
	PLUG 6	40	BL-89	VIO-SL		50	VIO-SL	

LOW NUMBERED TERMINALS ARE CLOSEST TO THE CORD BUTT.

SD-65757-01-D4

DRAWING ISSUE
SUPERSEDES ISS 4B
6B
PMJD

6

PBX SYSTEMS NO. 756A		SD-65757-01-D4
CORDLESS POSITION CIRCUIT		
BELL TELEPHONE LABORATORIES INCORPORATED		6S PRINTED IN U.S.A.

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS.

302. THE FOLLOWING FIGURES GIVE THE LAYOUT OF THE VARIOUS KEYS, LAMPS, PLUGS, TERMINALS AND CORD AND CABLE CONNECTIONS FOR THE 610A OR 3A TELEPHONE SET.

DRAWING ISSUE	
4B	HW
6B	HW

PNJD

FIG. 1
AUD SIG DIAL AND
NIGHT SERVICE KEY
UNIT

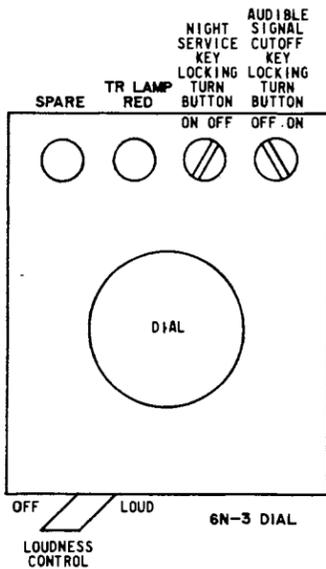


FIG. 2
RIGHT KEY AND TRK
LAMP UNIT

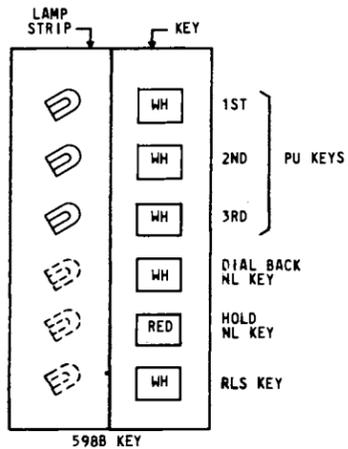


FIG. 3
RIGHT STATION
LAMP UNIT

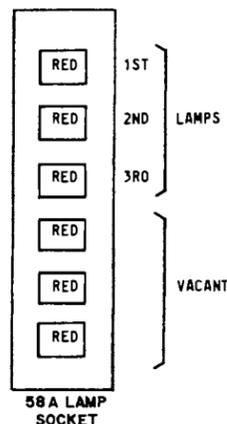


FIG. 4
CENTER OR LEFT KEY
TRK LAMP UNIT

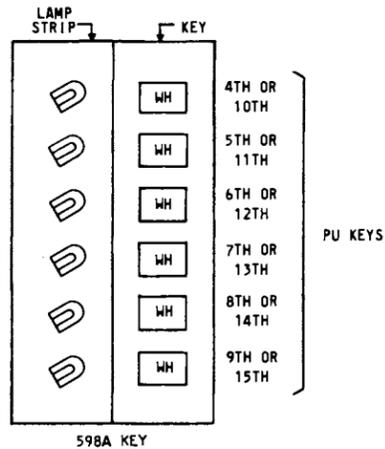


FIG. 5
CENTER OR LEFT
STATION LAMP UNIT

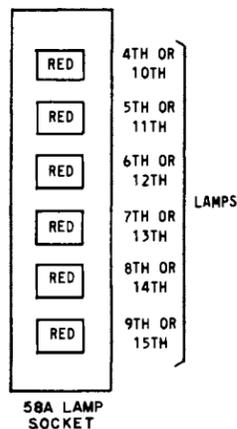


FIG. 6
CORD AND CABLE CONNECTION
ARRANGEMENTS

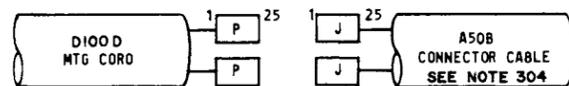
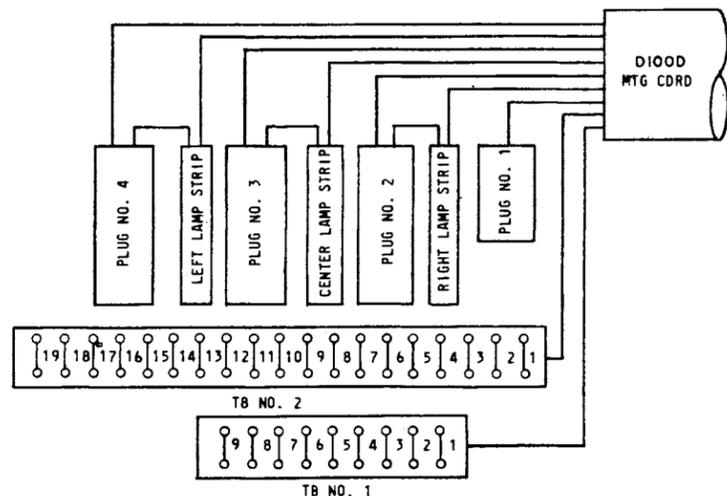


FIG. 7
PLUG, TERMINAL AND LAMP STRIP
CONFIGURATION IN SET



PBX SYSTEMS		SD-65757-01-D5
NO. 756A CORDLESS POSITION CIRCUIT		
BELL TELEPHONE LABORATORIES INCORPORATED		6S

INFORMATION NOTES (CONT):

303. THE FOLLOWING FIGURES GIVE THE LAYOUT OF THE VARIOUS KEYS, LAMPS, ETC. (4A TYPE TELEPHONE SET).

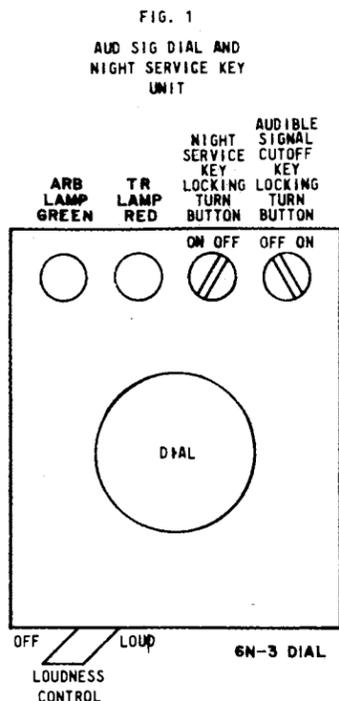


FIG. 4
CENTER OR LEFT KEY TRK LAMP UNIT

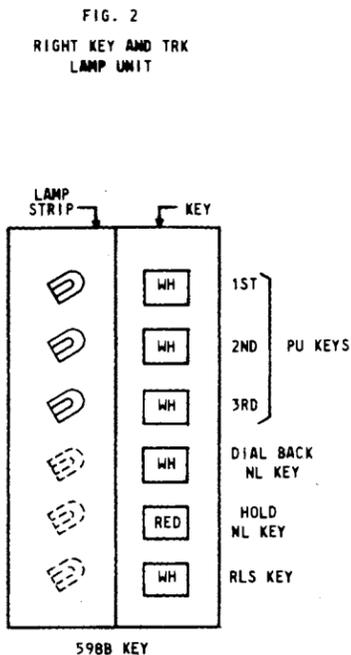
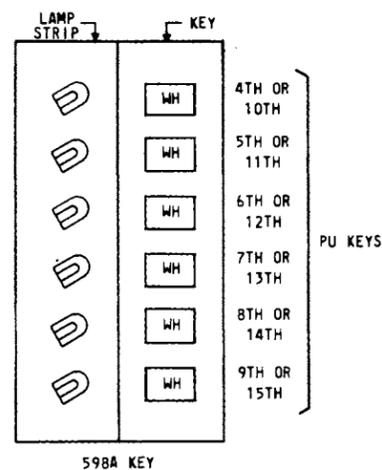
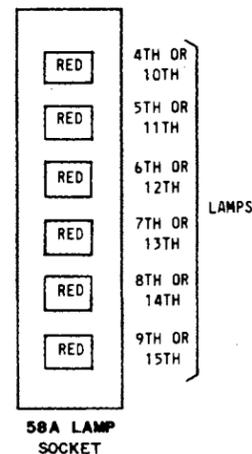


FIG. 5
CENTER OR LEFT STATION LAMP UNIT



304. THE CONNECTOR CABLE IS CROSS CONNECTED TO HOUSE AND FEEDER CABLE. SEE SD-65746-01 AND PLANT SERIES BSP.

FIG. 3
RIGHT STATION LAMP UNIT

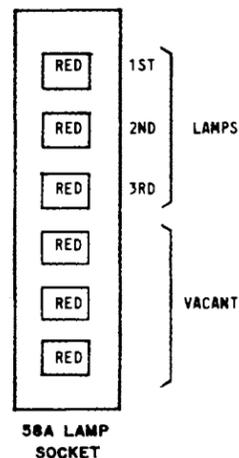


FIG. 6
CORD AND CABLE CONNECTION ARRANGEMENTS

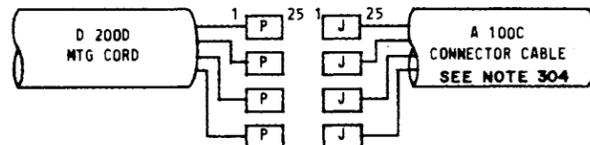


FIG. 7
PLUG TERMINAL AND LAMP STRIP CONFIGURATION IN SET

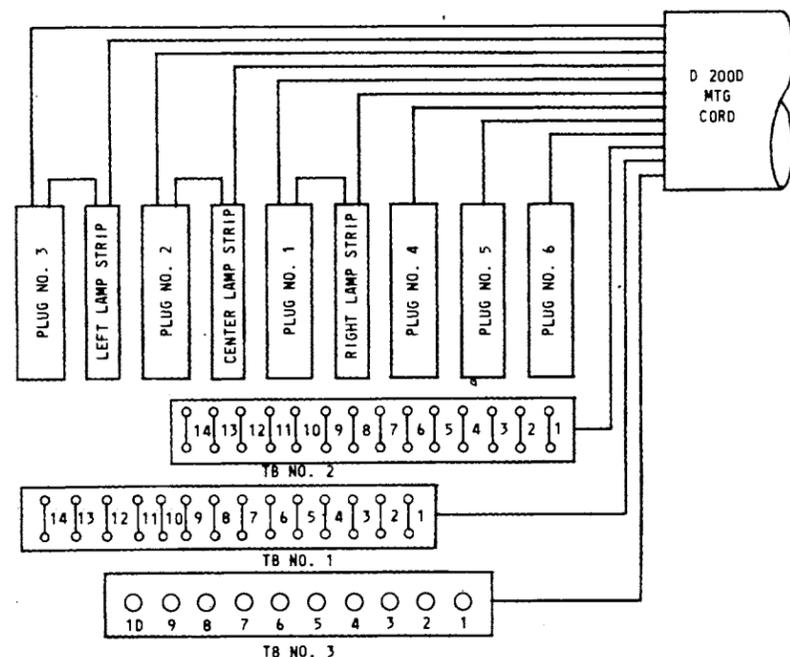
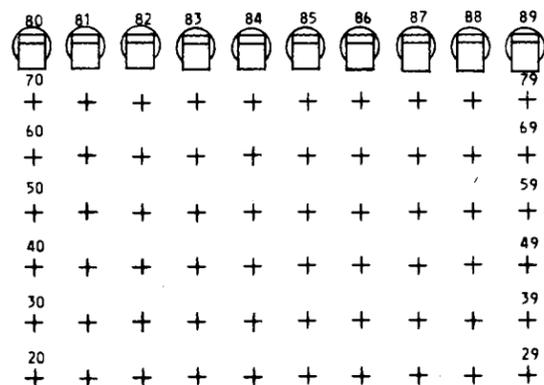


FIG. 8
DSS LAMP AND KEY UNIT



305. TEST REQUIREMENTS FOR THE 402A TONE GENERATOR IT
(1) CONNECT GROUND TO TERMINAL 2 TO START TONE GENERATOR.
(2) TAKE VOLTAGE MEASUREMENTS ACROSS 450 OHM LOAD RESISTOR 1L.
THE OUTPUT ACROSS 450 OHM LOAD RESISTOR 1L SHOULD BE AS FOLLOWS:

MAX.	MIN.	AVERAGE
.212V	.106V	.150V

IF THE OUTPUT IS TOO HIGH REMOVE STRAP FROM 4990 OHM RESISTOR R5 OR R6 OR BOTH R5 AND R6.

SD-65757-01-D6

CORDLESS POSITION CIRCUIT 2 SD-65757-01-D6
BELL TELEPHONE LABORATORIES INCORPORATED 6S PRINTED IN U.S.A.

DRAWING ISSUE

4B	YOG
	H.M.
	Y.E.B.
	P.F.D.
6B	J.F.F.
	K.F.J.
11B	J.J.R.
	P.J.G.
	R.H.E.

11

EQUIPMENT NOTES (CONTINUED)

210. CONNECTING AND MODIFICATION INFORMATION FOR 6 BUTTON KEY TELEPHONE SET 565GK AND 1565GK IS SHOWN BELOW.

TABLE 1

LEADS FROM TEL SET	66-E TYPE CONN. BLOCK		16-PAIR CABLE		HOUSE BOX.	
	BLOCK NO.	CLIP TERM. NO.	PAIR NO.	CONDUCTOR NO.	LEAD DESIG.	TO
T	1	1*	1	W-BL	TT	POS. CKT. 1ST OR 2ND CORDLESS POSITION
R		2*	1	BL-W	TR	POS. CKT. 1ST OR 2ND CORDLESS POSITION
A		3	2	W-O	ACA-1	1ST TRUNK
A1		4	2	O-W	ACG	POS. CKT. 1ST OR 2ND CORDLESS POSITION
LG		5*	3	W-G	AP	AP GRD, NIGHT SERVICE KEY
L1		6	3	G-W	L-1 OR SL3-1	1ST TRUNK
T		7*				
R		8*	1			
A		9	4	W-BR	ACA-2	2ND TRUNK
SPARE		10	4	BR-W	NS	NIGHT SERVICE KEY, ALARM, TRANS, AND TEST CKT
LG	2	11*				
L2		12	5	W-S	L-2 OR SL3-2	2ND TRUNK
T		13*				
R		14*				
A		15	5	S-W	ACA-3	3RD TRUNK
SPARE		16				
LG		17*				
L3		18	6	R-BL	L-3 OR SL3-3	3RD TRUNK
T		19*				
R		20*				
A, S, OR S1	3	21	6	BL-R	ACA-4	4TH TRUNK
SPARE		22				
LG		23				
L4		24	7	R-O	L-4 OR SL3-4	4TH TRUNK
T		25*	8	R-G	T	① STATION LINE CKT.
R		26*	8	G-R	R	② STATION LINE CKT.
A, S OR S1		27	7	O-R	ACA-5	5TH TRUNK
SPARE		28*	9	R-BR	SG	REM ANS KEY-AP GRD, CORD SWBD 1ST OR 2ND CORDLESS POS
LG		29*				
L5		30	9	BR-R	L-5 OR SL3-5	5TH TRUNK
T	31					
R	32					
A, S OR S1	4	33	10	R-S	H	POS. CKT.
SPARE		34	10	S-R	NTG, DB	POS. CKT. DIAL BACK KEY
LG		35				
L6		36				
BL		37				
G OR SG		38*			DB, SG	DIAL BACK KEY AP GRD SWBD 1ST OR 2ND CORDLESS POS.
B OR B1		39	11	BK-BL	BZ	
R OR R1		40				
T		41				
R		42*	11	BL-BK	RC	REMOTE ANSWER KEY POS. CKT.
A	5	43				
-		44	12	BK-O	RA	REMOTE ANSWER KEY POS. CKT.
T1+		45				
R1+		46				
P3+		47				
P4+		48				
AG+		49				
LK+		50				

+ SPEAKER PHONE LEADS
 OPTIONS IN ABOVE TABLE ARE IN CORDLESS POSITION CKT (SD-65757-01)

* CROSS CONNECT AS PER TABLE 2

TABLE 2

INTER-CONNECTIONS ON 66E-TYPE CONNECTING BLOCK	
FROM TERM.	TO TERM.
7	1
8	2
11	5
13	7
14	8
17	11
19	13
20	14
23	17
① 25	① 19
① 26	① 20
29	23
42	38
②R 38	②R 28

NOTE:

1. CONNECT OPTION ZR IF REMOTE ANSWERING KEY IS NOT PROVIDED.

TABLE 3
 MODIFICATION OF TEL. SET

LEAD OR CONDUCTOR COLOR	DISCOUNT FROM TERM	CONNECT TO TERM
BR-BK (6TH KEY)	M	SG
S (RINGER)	K	A
W-BL (EXC KEY)		ET
BL-W (EXC KEY)		RR
W-O (EXC KEY)		EH

NOTE:

1. PROVIDE OPTIONS Y AND M IN KEY TEL SETS.

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CORDLESS POSITION CIRCUIT		SD-65757-01-D7
BELL TELEPHONE LABORATORIES INCORPORATED		
6S		PRINTED IN U.S.A.

DRAWING	ISSUE
1	1
4B	2
6B	2

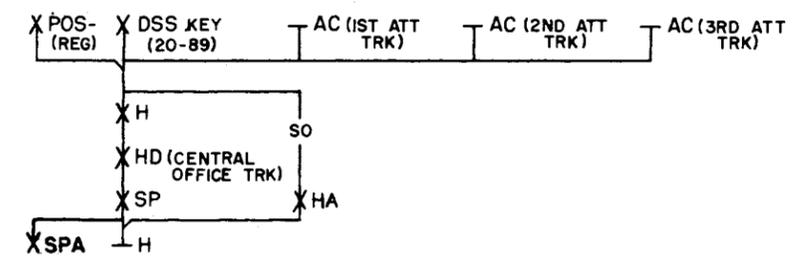
SC 1

ATTENDANT ANSWERS INCOMING TRUNK SIGNAL



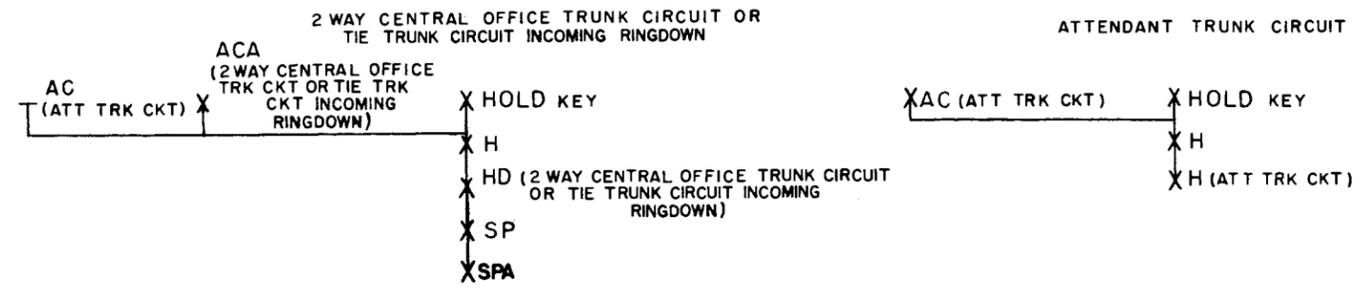
SC 4

ATTENDANT COMPLETES INCOMING CALL FROM 2 WAY CENTRAL OFFICE TRUNK VIA DIRECT STATION SELECTION



SC 2

ATTENDANT HOLDS TRUNK CIRCUIT



SC 3

ATTENDANT DISCONNECTS FROM TRUNK CIRCUIT



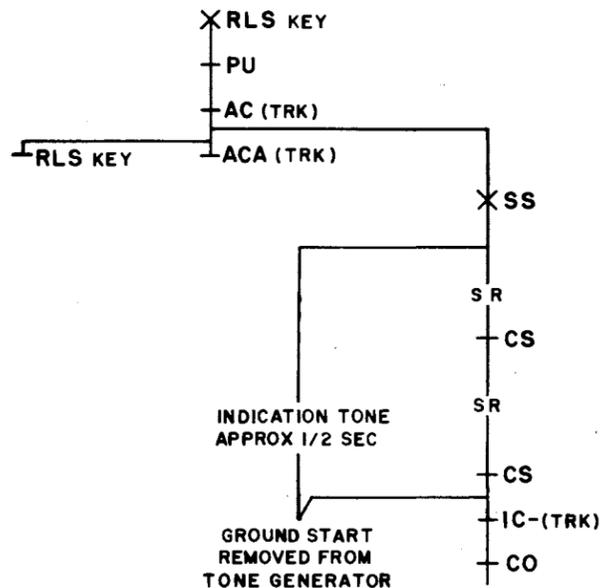
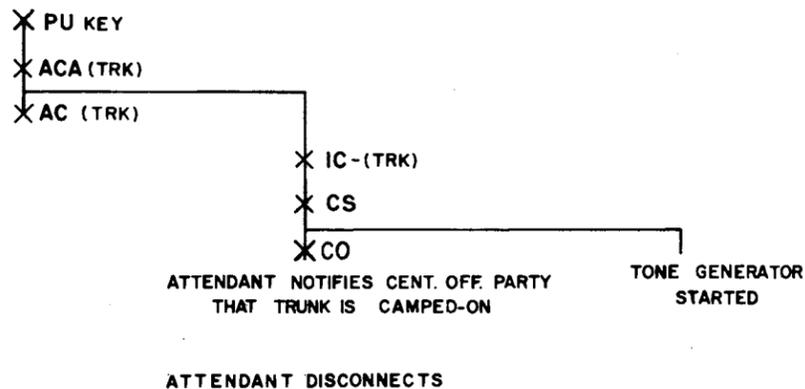
SD-65757-01-E1

PBX SYSTEMS NO. 788A CORDLESS POSITION CIRCUIT		2 65	SD-65757-01-E1 6
BELL TELEPHONE LABORATORIES INCORPORATED			

DRAWING ISSUE	
6B	HW
PD	HW
TER	HW
ACFUS	HW
SPR	HW

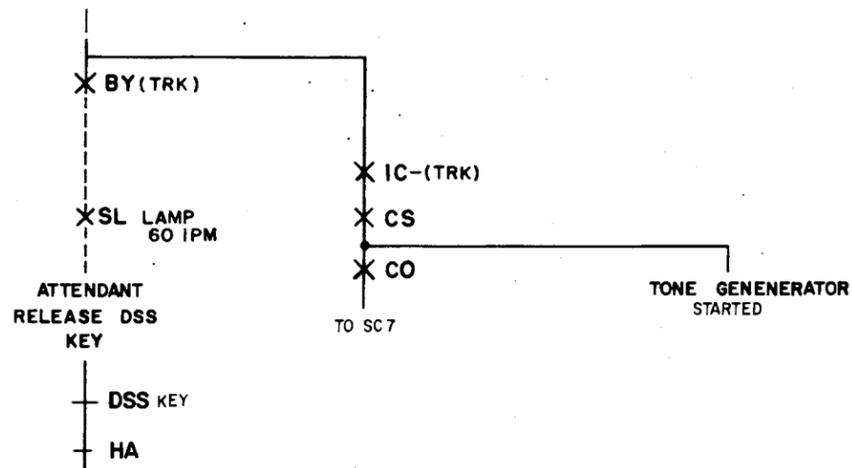
SC 5

INDICATION OF CAMPED-ON CALL
TO BUSY LINE
(WITHOUT ATT DSS)



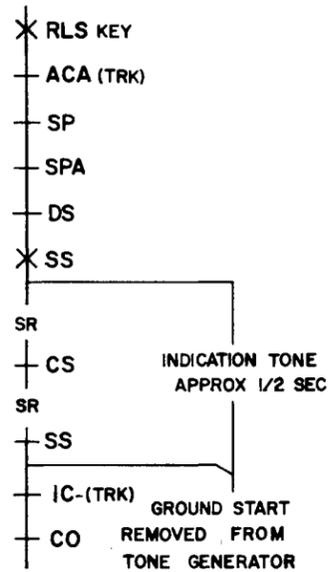
SC 6

CENTRAL OFFICE TRUNK CAMPS-ON
BUSY LINE
(WITH ATT DSS)
(PREVIOUS ACTION SHOWN IN SC 4)



SC 7

ATTENDANT DISCONNECTED
FROM TRUNK
(WITH ATT DSS)
(PREVIOUS ACTION SHOWN IN SC 6)



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CORDLESS POSITION CIRCUIT ②		SD-65757-01-E2
BELL TELEPHONE LABORATORIES INCORPORATED		PRINTED IN U.S.A.

CIRCUIT REQUIREMENTS

NO. 756A CMLS POS CRT

APPARATUS				MECH REQ			CIRCUIT PREPARATION			DIRECT CURRENT FLOW REQ						REMARKS	
DESIG	CODE	OPTION	FIG.	BSP FIG.	COMT PRESS.	ARM. TRVL.	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR	AFTER SOAK			
								CONN. BAT.	CONN. GRD.					TEST MA.	TEST MA.		READJ. MA.
RELAYS																	
BZ, BZ1	AJ63		3	240				14	REL TEST	GRD			0		13.2	12.8	
CO	AF129	ZU	13	28					U(CO)	GRD			0		10.0	9.5	
CS	AG24	13	13	188					U(CS)	GRD			0		13.7	13	
DS	1/2AK15	13	13	9					1U(DS)	GRD	1		0	14.2	13.5		MOUNTED WITH (SPA) WDG ALONE
													H	5.9	5.6		
DS	1/2AK15	13	13	9									0	25.3	24.1		PAR. COMB. DS & HA MOUNTED WITH (SPA)
													H	8.5	9		
FB	AF113		1	273					1U(FB)	GRD		P	0		8.9	8.2	
H	AF63		1	229					1U(H)	GRD		P	0		7	6.7	
HA	AF85	A	5	401					U(HA)	GRD			0	36	34		WDG ALONE
									U(AH)	GRD			NO	23	23.5		
									U(AH)	GRD			RLS	10	10.5		
HA	AF85	A	5	401									0	105	100		PAR. COMB. HA & DS
													NO	61.3	64.5		
													RLS	26.6	28.0		
NT	AG14		1	458					1U(NT)	GRD		P	0	31.5	30		THESE REQUIREMENTS APPLY TO PRIMARY WINDING WITH SECONDARY WINDING SHORT CIRCUITED
									IU(NT)	GRD		P	H	4.7	4.4		
									IU(NT)	GRD		P	R	3.3	3.6		
SP	AF111		1	270					11M(SP)	U(SP)	GRD		0	42.5	40.5		
SPA	1/2AK15	13	13	9					11M(SP)	1L(SPA)	GRD		0	12.5	11.9		MOUNTED WITH (DS)
SS	AG24	13	13	188					U(SS)	GRD			0	13.7	13		

TEST NOTES:
1. PARALLEL COMBINATION (DS) AND (HA) RELAYS.

DRAWING ISSUE: 1 M.D. 2D 4B 6B 10AC 11B

PAGE 1

SD-65757-01-F1

NO. 756A
COMPLETE POSITION CIRCUIT

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NO. 756A
COMPLETE POSITION CIRCUIT

SD-65757-01-F1

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