



OPTION INDEX

APP OR WRG	LOCATION	APP OR WRG	LOCATION	APP OR WRG	LOCATION	APP OR WRG	LOCATION
4	APP FIG. 4, 2A8	ZN	IA/B7, IA/C7, IA/F1	YT	IA/B4, IA/C4, IA/E3	XR	IB/G6
Z	IA/B0, IA/C0		IA/F2, IA/G1, IB/A8, IB/B2, IB/E2			XS	2A8
Y	IA/B0, IA/C0	ZO	IA/C5, IA/C6, 2F7	YU	IA/D7, IB/C3, IB/D3, IB/D5, IB/E4		
X	APP FIG. 1	ZP	IA/C5, IA/C5, 2F7	YV	IA/D7, IA/E3, IB/B4, IB/D5, IB/E5	XT	2B8, 2D8
W	APP FIG. 1	ZQ	IA/B3, IA/C4	YW	IA/B7, IA/F2, IB/E6	XU	APP FIG. 1, IB/B5
V	IB/F8, 2G5	ZR	APP FIG. 1, IA/B4, IA/C4, IA/E3	YX	IA/F1	XV	APP FIG. 1
T	IB/F8, 2G5	ZS	APP FIG. 1, IA/C1, IA/E1	YY	APP FIG. 1, IA/E2, IA/E7, IA/E8, IA/F1, IA/H1, IB/A4, IB/C2, IB/C5, IB/F0, IB/F3, IB/F4, IB/G3, IB/G5, IB/G6	XW	APP FIG. 1
S	2F4	ZT	APP FIG. 1, IA/E1	YZ	IB/C2, IB/B4, IB/G4	XX	IA/D1
R	2F4	ZU	IB/G8	XA	IB/G4	XY	IA/F0
Q	IA/G0	ZV	IB/G8	XB	IB/E0	XZ	APP FIG. 1, IA/F0
N	APP FIG. 1, IA/F0	ZW	IA/G0	XC	IB/D4	WA	IA/F0
M	APP FIG. 1	ZX	IB/F5	XD	IB/C5, IB/D4		
K	IA/D1	ZY	APP FIG. 4, 2B9, IB/F5	XE	APP FIG. 1, IA/D7, IB/D6, IB/E8, IB/F7, IB/G5, 2G4		
J	IA/D1	ZZ	2B6	XF	APP FIG. 1, IA/D7, IA/E1, IB/C1, IB/C7, IB/D7, IB/E6, IB/E7, IB/E8, IB/F1, IB/F7, IB/G5, 2G4		
H	2F7, 2G7	YA	APP FIG. 1, 2B6	XG	IA/F1		
G	IB/G9	YB	IA/G0	XH	IB/F6		
F	IB/F2	YC	APP FIG. 1, IA/E7, IA/E8, IA/F2, IA/H1, IB/A3, IB/C2, IB/F0, IB/F3, IB/F4, IB/G3, IB/G5, IB/G6	XI	IB/E6		
E	IA/C7, IA/E1, IA/G1	YD	IB/A8	XJ	APP FIG. 1, IA/B3, 2C9, 2G9		
B	IA/C6, IA/C7, IA/F1, IA/G1, IB/A8, IB/E2	YE	APP FIG. 1, IB/B8, IB/D7	XK	IB/F2		
A	APP FIG. 1, IB/G7	YF	IB/B4, IB/D7	XL	IB/F2, IB/H3		
ZA	2F7, 2G7	YG	IB/E6, 2B7	XM	IA/A2, IA/A3, IA/D2, IA/D3		
ZB	2F7, 2G7	YH	IB/A1, IB/B8, IB/E5, IB/F5, 2C7, 2D8, 2D9	XN	IA/B2, IA/B3, IA/D2, IA/D3, IA/E1, IA/F7, IB/D2, IB/D7, IB/G1		
ZC	APP FIG. 1, IB/A8, IB/B8, IB/D7	YI	2C6	XO	IA/E7, IA/E8, IA/F8, IA/G1, IB/D0, IB/E0, 2G6		
ZD	IB/B8, IB/D7	YJ	IA/E2, IB/A8, 2C5	XP	IA/E7, IA/E9, IA/F8, IA/G1, IB/D0, IB/D1, 2C8, 2D9, 2G7		
ZE	APP FIG. 1, IA/E7, IA/E8, IA/F2, IA/H1, IB/A3, IB/C2, IB/F0, IB/F3, IB/F4, IB/G3, IB/G5, IB/G6	YK	APP FIG. 1, IA/E3, IA/E4, IA/F3, IB/D4	XQ	IA/E9		
ZF	IA/E2, IA/E6, IA/E8, IB/A4, IB/C7, IB/D5, IB/E1, IB/G4	YL	IB/F2, IB/H2				
ZG	APP FIG. 1, 2A5, IA/B2, IA/B3, IA/D2, IA/D3, IA/E1, IB/B1, IB/C7, IB/C8, IB/E8	YM	APP FIG. 1				
ZH	IA/A2, IA/A3, IA/D2, IA/D3, IA/E1, IB/C7, IB/E7	YN	IA/D3, IA/F3, IA/F4, IA/F5, IA/G4				
ZI	IA/E7	YO	IB/B4				
ZJ	IA/E7	YP	APP FIG. 5				
ZK	IB/H3, 2B5	YQ	IA/E4				
ZL	IB/H3, 2B5	YS	APP FIG. 1, IA/B4, IB/G6				
ZM	IA/B7, IA/F2, IB/B2						

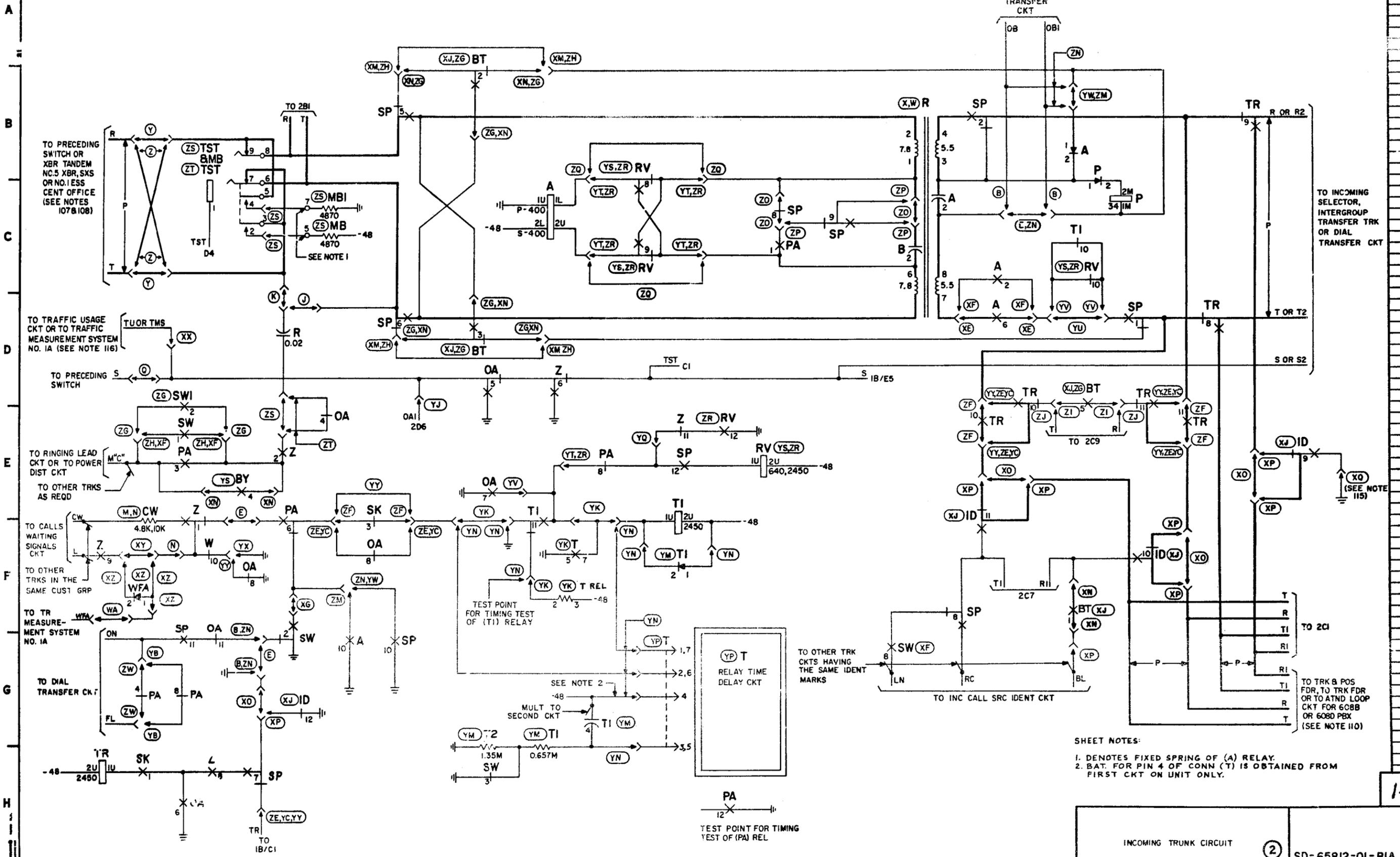
DRAWING	RCZ
ISSUE	RHP
12AC	RHP
13AC	CEJ
	RHP
14B	

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INCOMING TRUNK CIRCUIT	SD-65812-01-A2
BELL TELEPHONE LABORATORIES INCORPORATED	6S

PART OF FSI  
INCOMING TRUNK



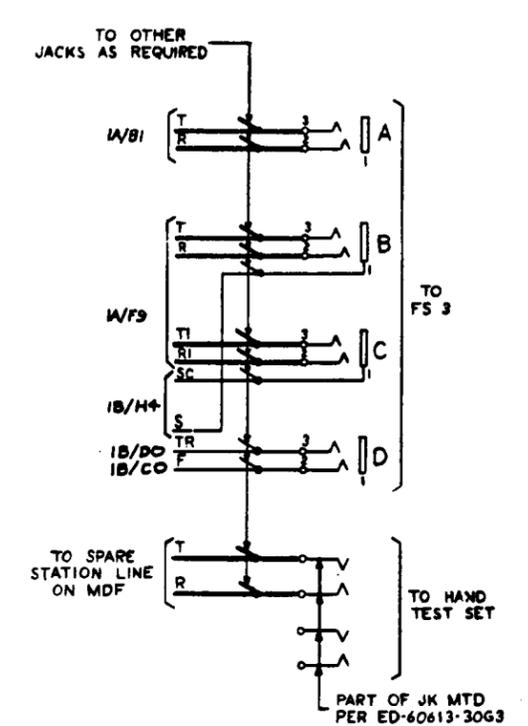
SHEET NOTES:  
1. DENOTES FIXED SPRING OF (A) RELAY.  
2. BAT. FOR PIN 4 OF CONN (T) IS OBTAINED FROM FIRST CKT ON UNIT ONLY.

INCOMING TRUNK CIRCUIT ② SD-65812-01-BIA  
BELL TELEPHONE LABORATORIES INCORPORATED 65

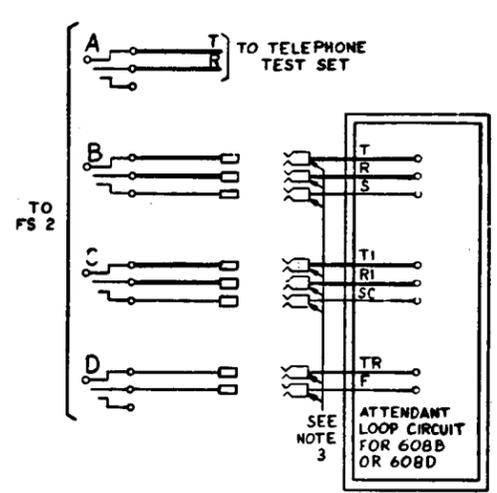
SD-65812-01-BIA



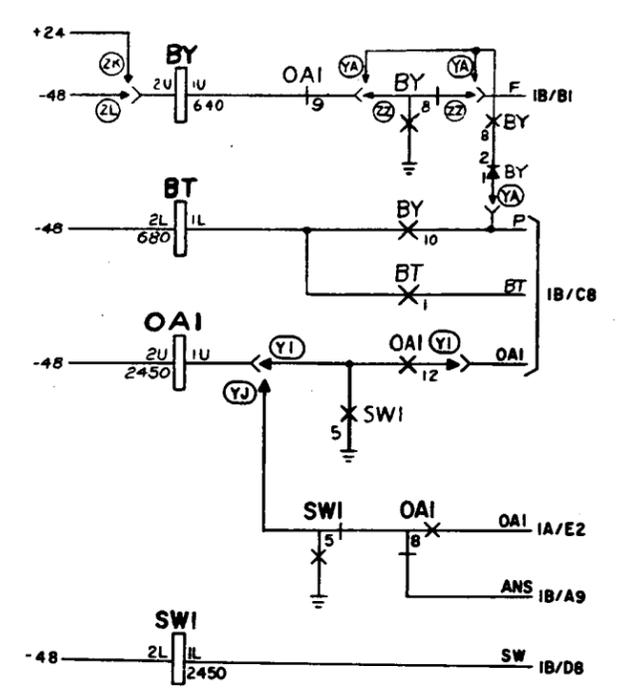
**FS 2**  
TEST CIRCUIT FOR TESTING  
ATTENDANT LOOP CIRCUIT FOR 608B  
OR 608D PBX  
(SEE NOTES 1 & 2)



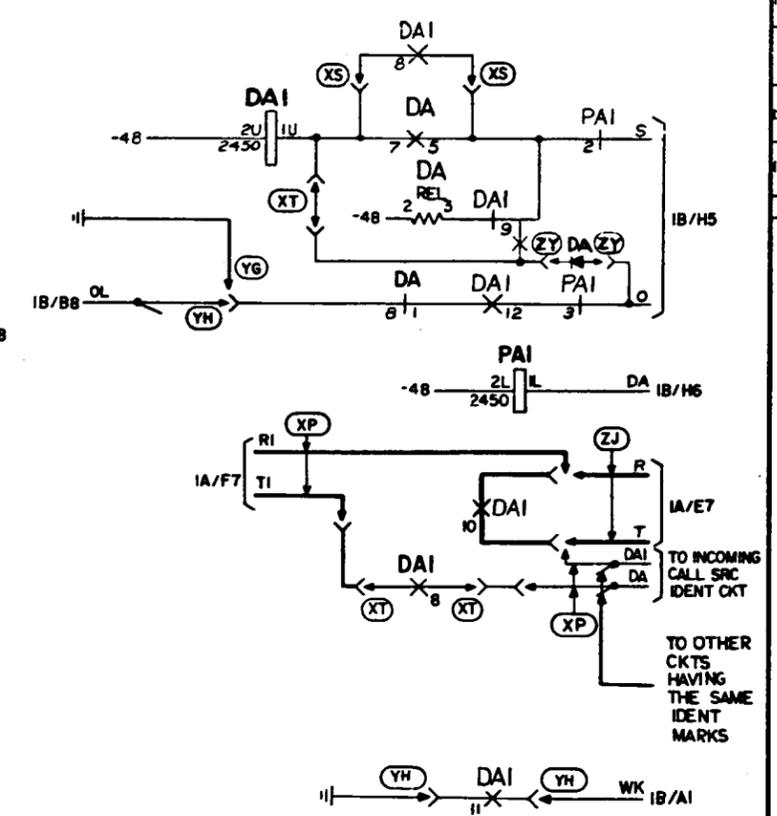
**FS 3**  
PATCHING CORDS FOR  
TEST CIRCUIT  
(SEE NOTES 1 & 2)



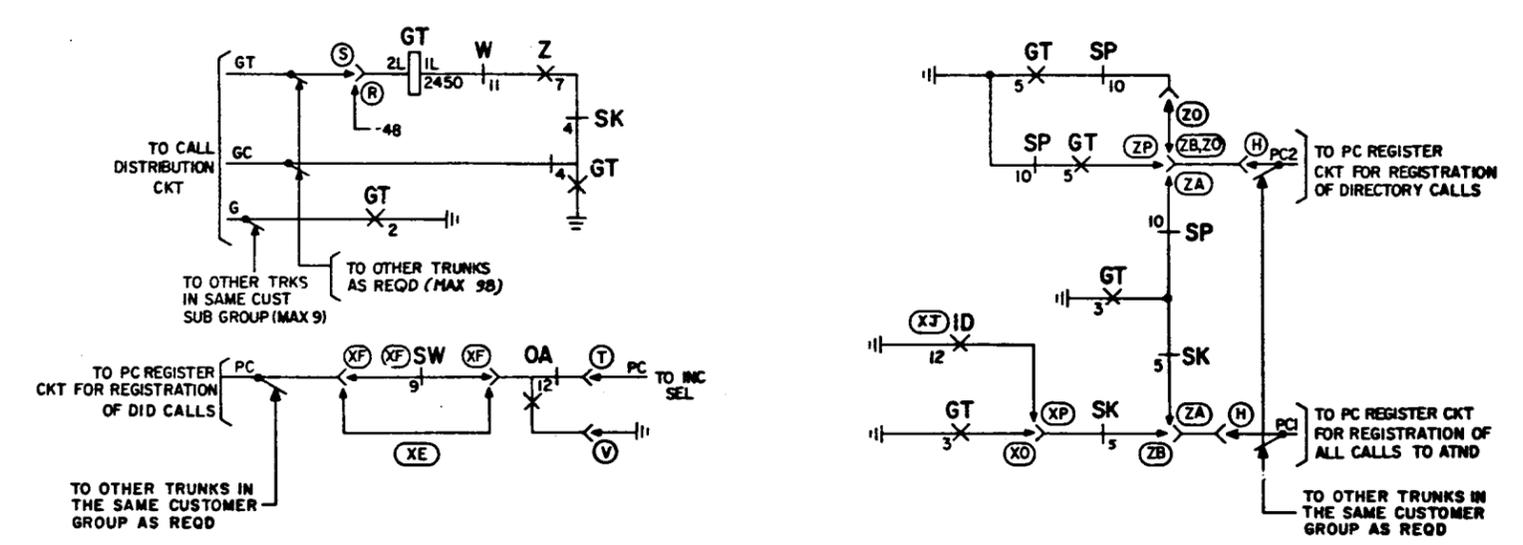
**FS 4**  
BUSY LINE TRANSFER



**FS 5**  
DA TRANSFER



**PART OF FS 1**  
INCOMING TRUNK



- SHEET NOTES:**
1. THE JACK MOUNTING FOR THE TEST CIRCUIT SHOULD BE MOUNTED ON THE RELAY RACKS ASSOCIATED WITH THE ATTENDANT LOOP CIRCUIT.
  2. THE INCOMING TRUNK WIRED TO THE TEST CIRCUIT SHOULD BE CHOSEN AS TO ITS AVAILABILITY FOR TEST PURPOSES AND SHOULD NOT BE THE FIRST OR LAST TRUNK OF A GROUP OF TRUNKS.
  3. THE 6246 TOOLS ARE REQUIRED TO ADAPT THE 360 TOOLS OF THE PATCHING CORDS TO THE SQUARE TERMINALS ON THE TERMINAL STRIP OF THE ATTENDANT LOOP.

DRAWING	5B
ISSUE	7B
REV	11D
CHK	2AC
APP	3AC
DES	14B
CHK	
APP	

SD-65812-01-B2

INCOMING TRUNK CIRCUIT (2) SD-65812-01-B2

BELL TELEPHONE LABORATORIES INCORPORATED 6S



0 1 2 3 4 5 6 7 8 9

DRAWING ISSUE 14B DR  
A  
B  
C  
D  
E  
F  
G  
H

APP FIG 2

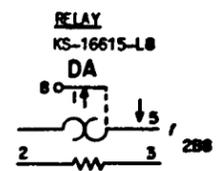
JACKS			MOUNTING		
DESIG	LOC	CODE	DESIG	LOC	CODE
A	2B1	238A	JACK	201	ED-60813-30G3
B	2B1	238A	MOUNTING		
C	2C1	238A			
D	2C1	238A			

APP FIG 3

CORDS		
DESIG	LOC	CODE
A	2B3	2W42A
B	2B3	3W4A E/W 624B TOOL
C	2C3	3W4A E/W 624B TOOL
D	2C3	2W17A E/W 624B TOOL

APP FIG 4

DESIG CODE OPTION	PA1		DA1		DESIG CODE OPTION																
	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



DIODE		LOC	CODE
DESIG			
(XS) 2A8			
(XT) 2D8			
(ZY) DA		2B9	446F

APP FIG 5

CONNECTOR		
DESIG	LOC	CODE
(YP) T	1A/G4	910A

RELAY DELAY TIMER UNIT (SEE NOTE 201)		
DESIG	LOC	CODE
(YP) T	1A/G5	ED-99555-( )

SD-65812-01-C2

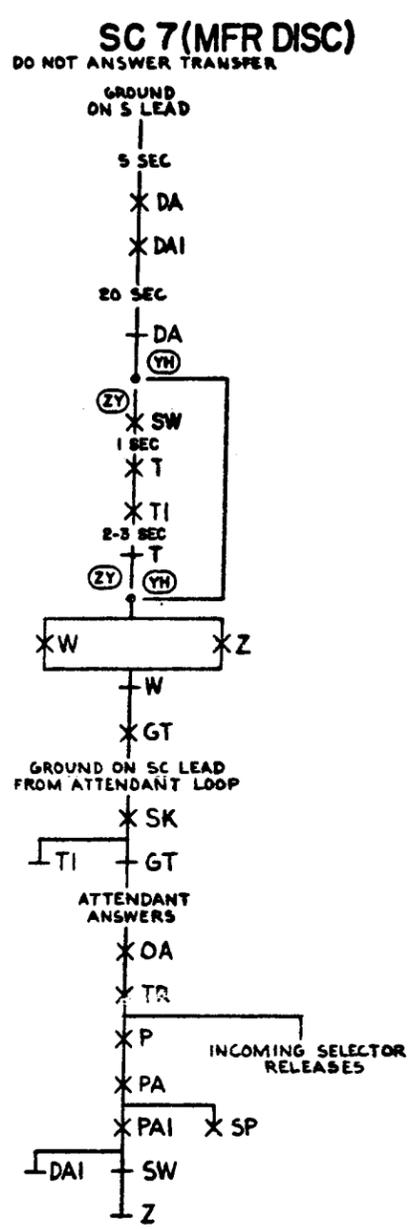
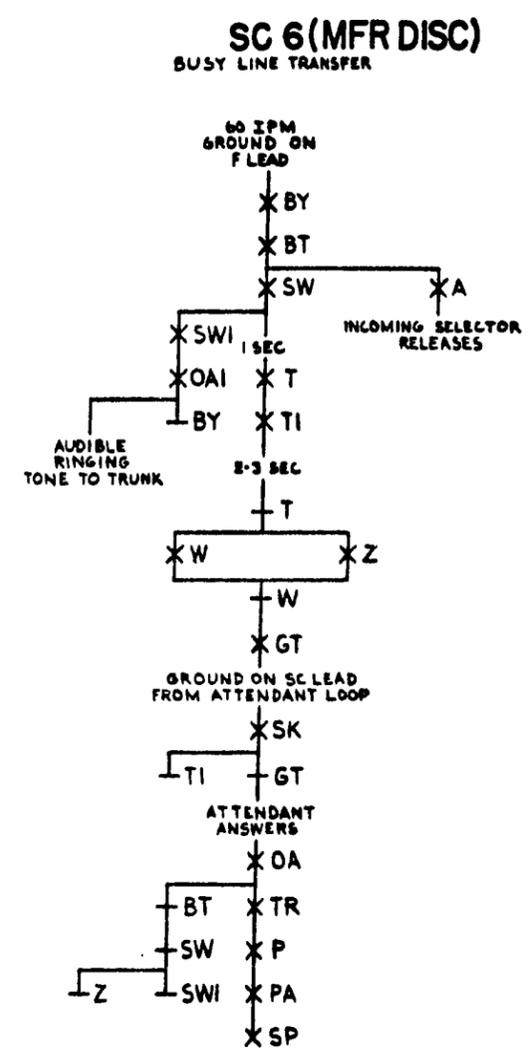
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INCOMING TRUNK CIRCUIT	(2)	SD-65812-01-C2
BELL TELEPHONE LABORATORIES INCORPORATED	6S	









DRAWING	7B	77
ISSUE	12AC	PLS
	14B	

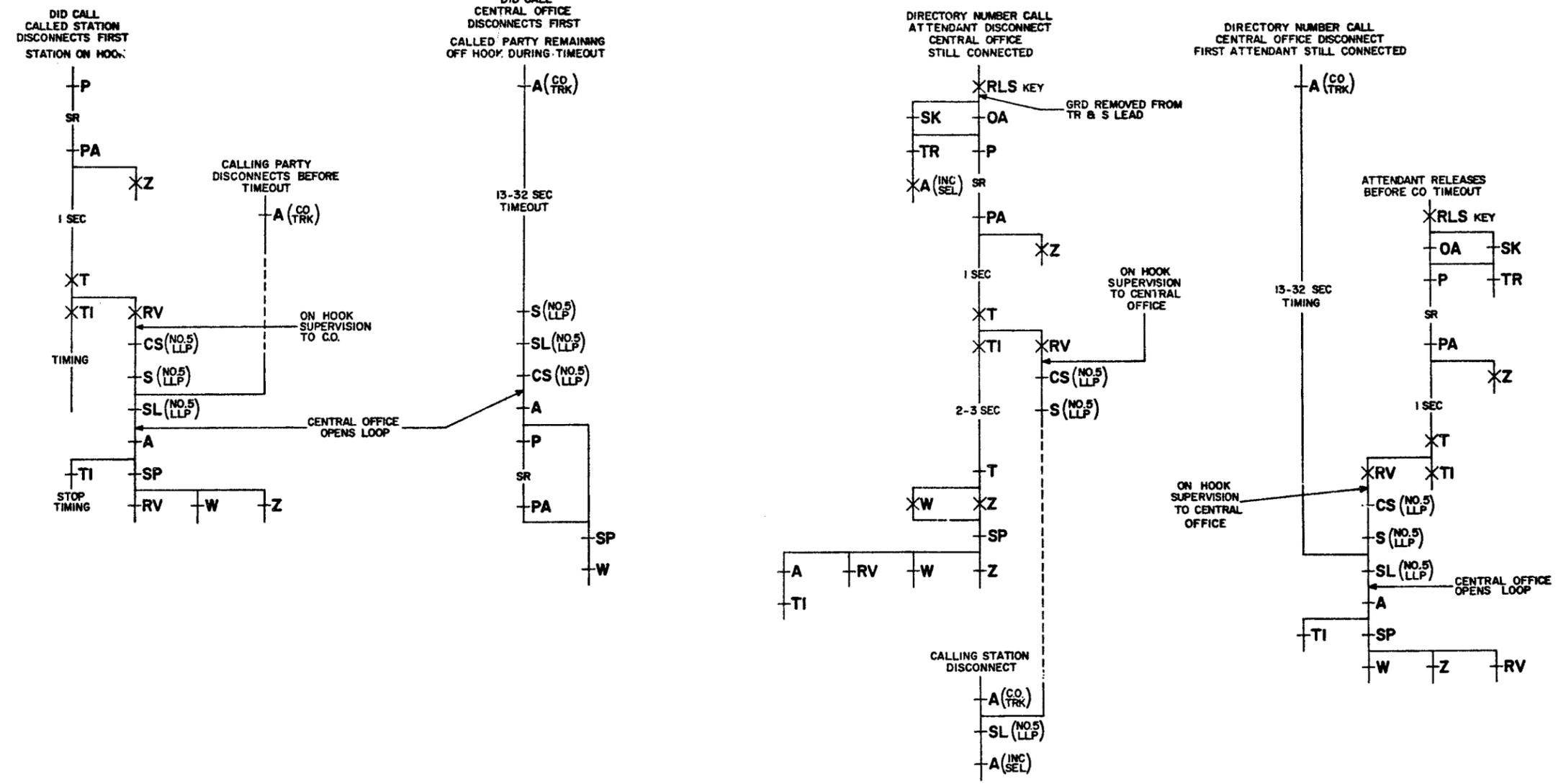
SD-65812-01-E2

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INCOMING TRUNK CIRCUIT	②	SD-65812-01-E2
BELL TELEPHONE LABORATORIES INCORPORATED	65	

DRAWING ISSUE  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
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14  
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40

### SC 8 (ZR) (MFR DISC) DISCONNECT



SD-65812-01-E3

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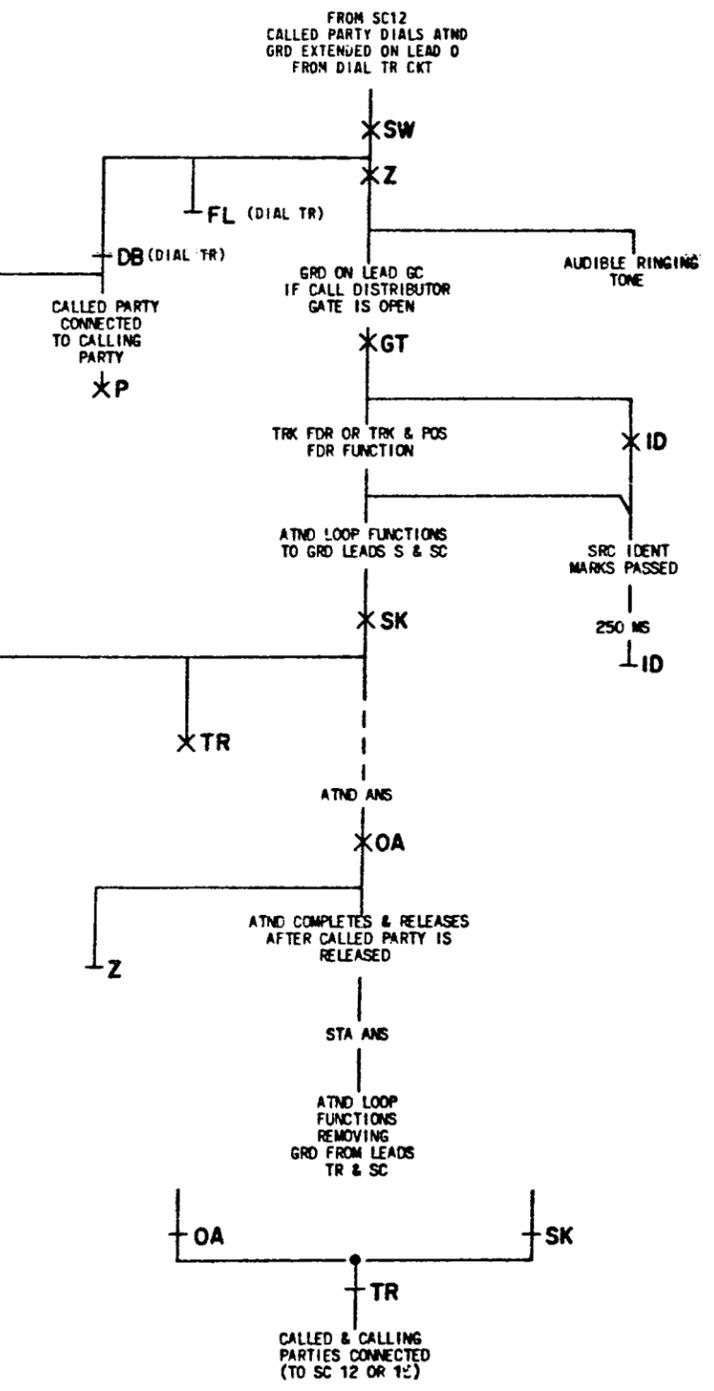
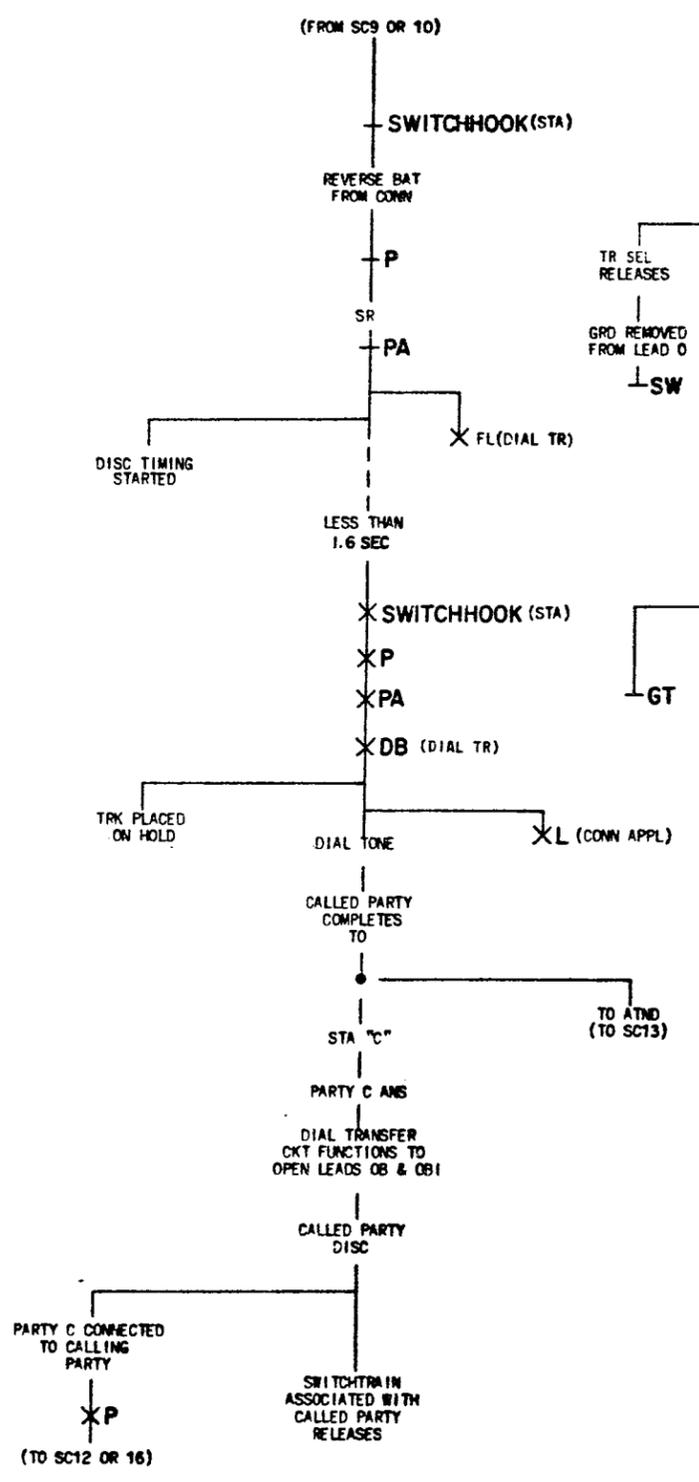
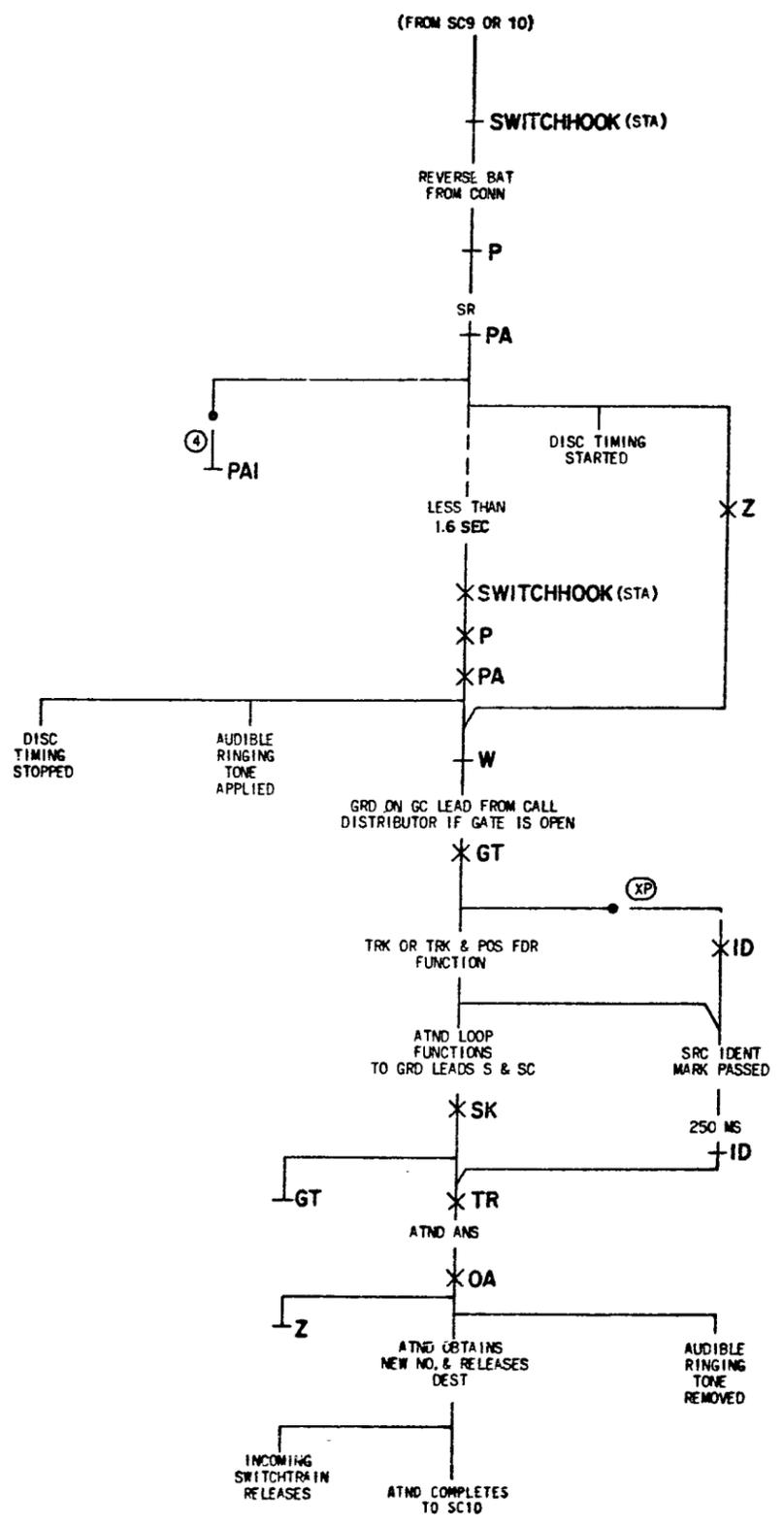
INCOMING TRUNK CIRCUIT ②		SD-65812-01-E3
BELL TELEPHONE LABORATORIES INCORPORATED	65	PRINTED IN U.S.A.



SC II  
ATTENDANT RECALL

SC 12  
DIAL TRANSFER

SC 13  
DIAL TRANSFER  
CALLED PARTY  
DIALS ATTENDANT

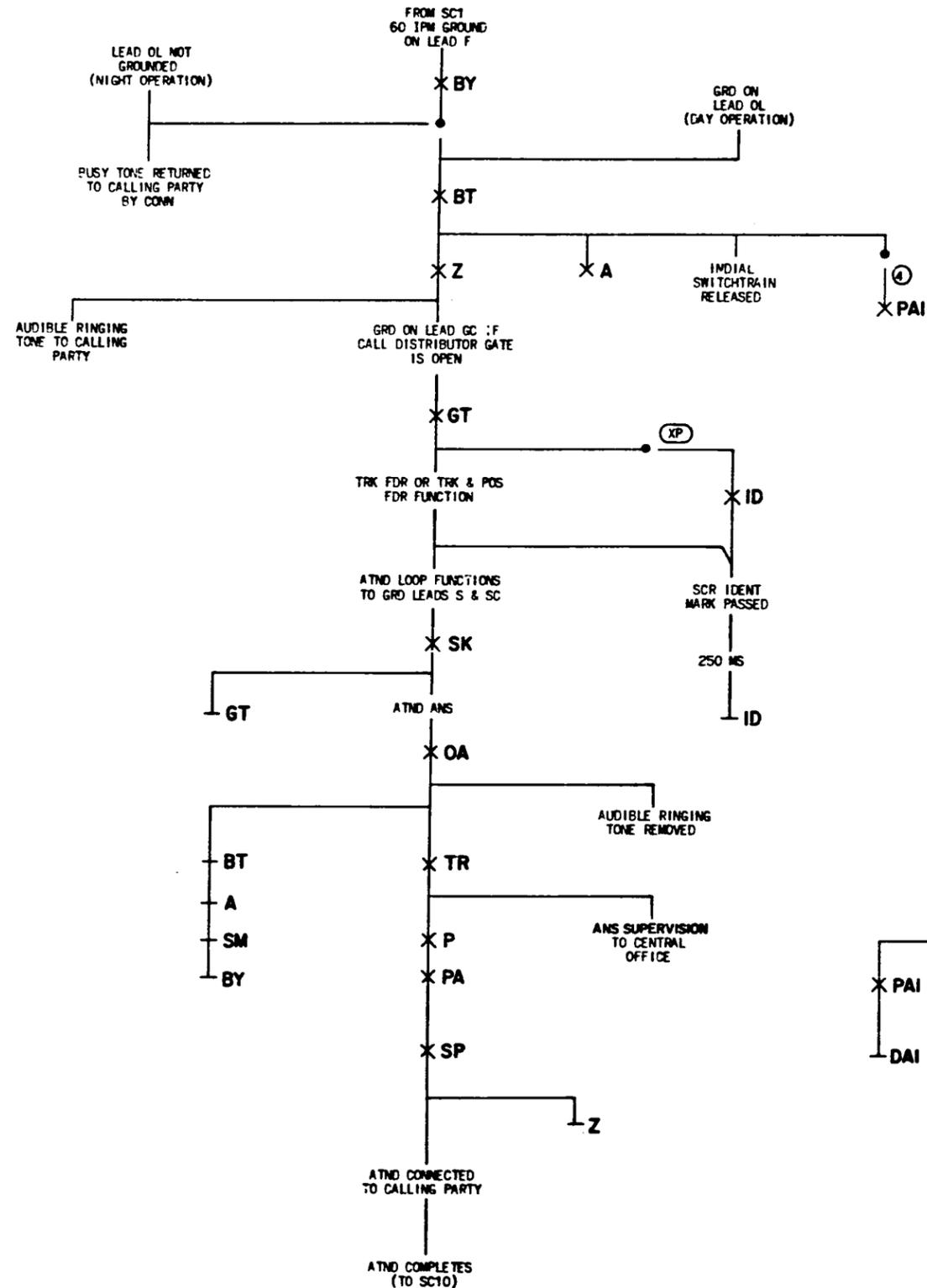


SD-65812-01-E5

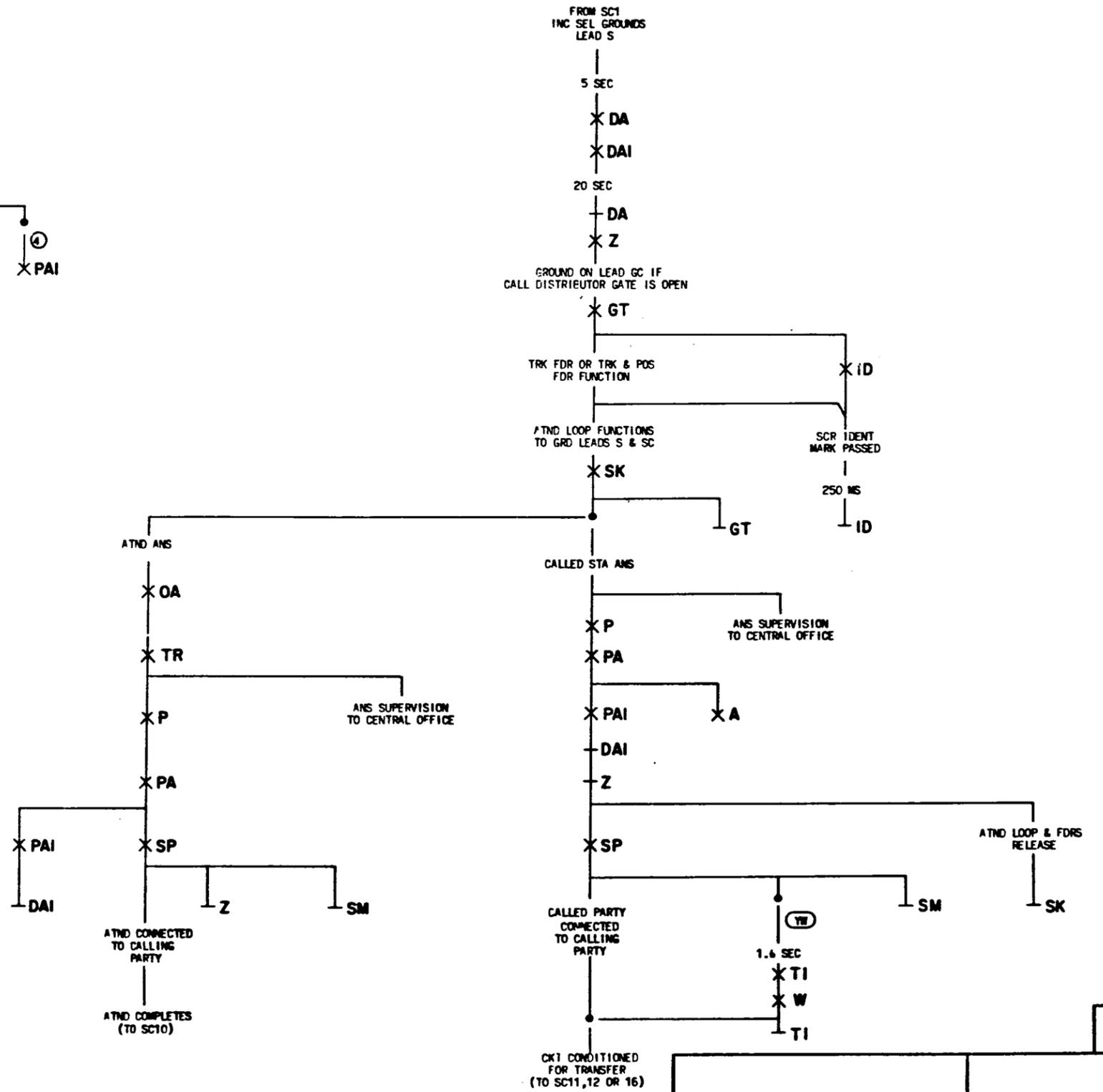
INCOMING TRUNK CIRCUIT (2) SD-65812-01-E5

BELL TELEPHONE LABORATORIES

SC 14  
BUSY LINE TRANSFER



SC 15  
DONT ANSWER TRANSFER



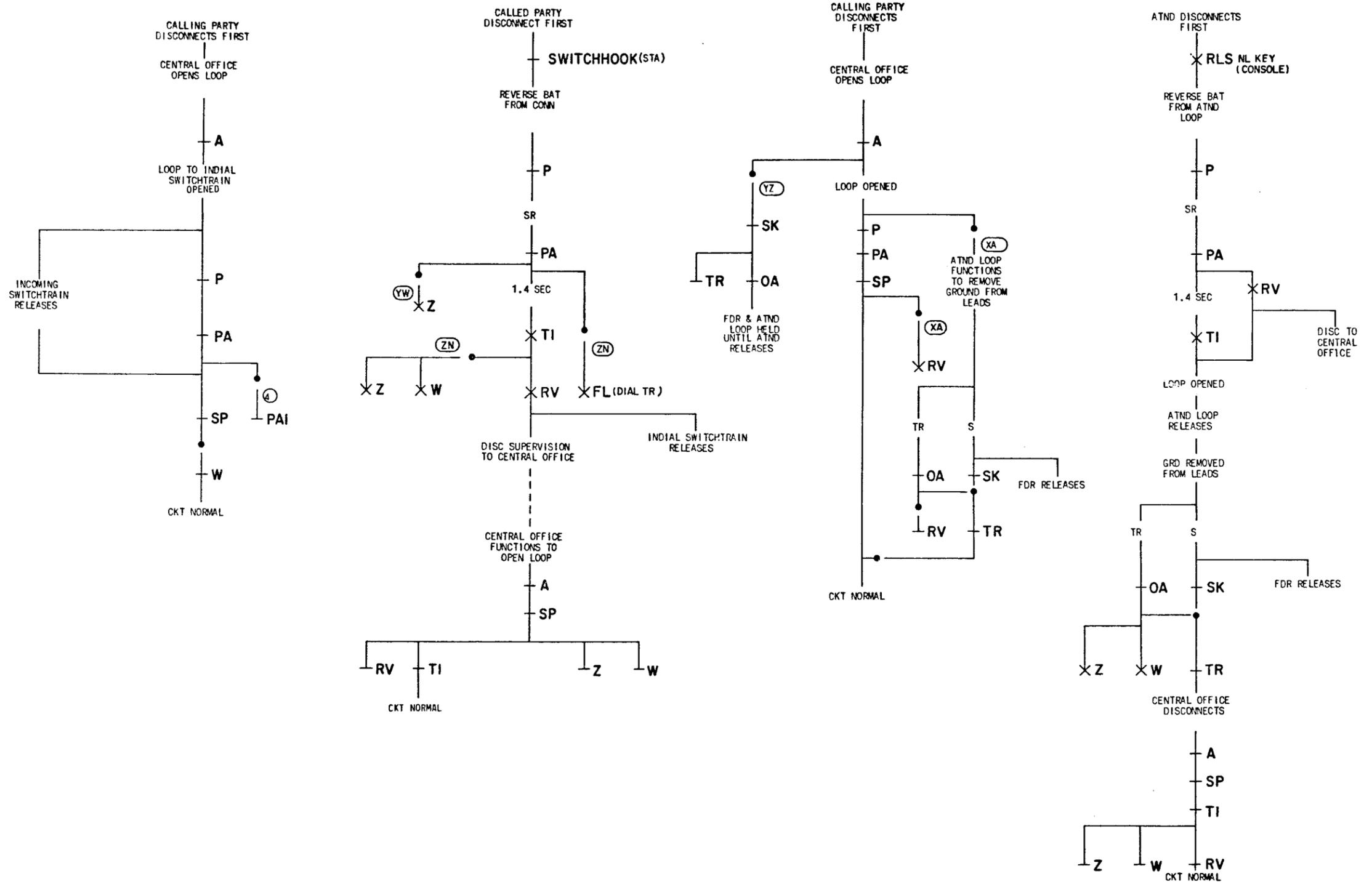
SD-65812-01

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INCOMING TRUNK CIRCUIT	②	SD-65812-01-E6
BELL TELEPHONE LABORATORIES INCORPORATED	65	

SC 16  
DISCONNECT ON  
CALL TO STATION

SC 17  
DISCONNECT ON A  
DIRECTORY NUMBER CALL



SD-65812-01-E7

APPARATUS				MECH REQ			CIRCUIT PREPARATION				DIRECT CURRENT FLOW TEST				REMARKS		
DESIG	CODE	OPTION	FIG.	IMP FIG	CONT PRESS	ARM TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR	AFTER SOAK		TEST	READJ
								CONN BK	CONN R	CONN W			SA	SA	SA		
<b>RELAYS</b>																	
A	AJS2		1					1L(A)	2U(A)	M		P/S	O		13.4	12.6	PRI AND SEC IN SERIES AIDING
								1L(A)	2U(A)	M		P/S	R		3.1	3.3	
BT	1/2AK35	ZG	1				(SW)NO	1L(BT)	GRD				O	FS	31.5	30	MOUNTED WITH (DA1)
								1L(BT)	GRD				H	4.5	4.2		
BT	1/2AK22	XJ	1				(Z) NO	1L(BT)	GRD				O		27.5	26	MOUNTED WITH (ID)
BY	1/2AK27	ZG	1				(BT)NO	1U(BY)	GRD				O		20.5	19.5	MOUNTED WITH (SW1)
BY	1/2AK30	YS	1				(BT)NO	1L(BY)	GRD				O		23	22	MOUNTED WITH (RV)
DA1	1/2AK4		4				(SW)NO	1U(DA1)	GRD				O		11.9	11.3	MOUNTED WITH (PA1)
GT	1/2AK4		1				4(GT)	2L(GT)	1L(GT)	B/G			O		11.9	11.3	MOUNTED WITH (W) S OPTION
							2M(GT)	1L(GT)	GRD				O		11.9	11.3	R OPTION
ID	1/2AK22	XJ	1					1U(ID)	GRD				O		27.5	26	MOUNTED WITH (BT)
OA	AJB3		1					U(OA)	GRD				O		13.4	12.6	
OA1	1/2AK35	ZG	1					1U(OA1)	GRD				O		12.4	11.8	MOUNTED WITH (BT)
P	B203		1			30	(PA)NO (TR)O	1M(P)	2M(P)	B/G			O		16	15	SPECIAL ADJUSTMENT ON TEST AND READJ REQUIRED
								1M(P)	2M(P)	B/G			R		6.1	6.5	
PA	AG7		1				3B(SK)	U(PA)	GRD				O	36	17.5	16.5	
								U(PA)	GRD				H	36	3.2	3	
								U(PA)	GRD				R	36	1.6	1.9	
PA1	1/2AK4		4					1L(PA1)	GRD				O		11.9	11.3	MOUNTED WITH (DA1)
RV	1/2AK4	ZR	1					1U(RV)	GRD				O		11.9	11.3	MOUNTED WITH SPARE REL
PV	1/2AK30	YS	1					1U(PV)	GRD				O		23	22	MOUNTED WITH (BY)
SK	1/2AK4		1					1L(SK)	GRD				O		11.9	11.3	MOUNTED WITH (TR)
SM	1/2AK4	XF	1					1L(SM)	GRD				O		11.9	11.3	MOUNTED WITH (T1)
SP	AJ43		1					U(SP)	GRD				O		24.5	23	
SW	AJ15	XF	1					U(SW)	GRD				O		42.5	40.5	
SW	1/2AK4	XE	1				3B(SK)	1L(SW)	GRD				O		11.9	11.3	MOUNTED WITH (T1)
SW1	1/2AK27	ZG	1				(DA1)NO	1L(SW1)	GRD				O		11	10.5	MOUNTED WITH (BY)
T1	1/2AK4	XE, XF	1				9B(U)	1U(T1)	GRD				O		11.9	11.3	MOUNTED WITH (SW)OPTION XE MOUNTED WITH (SM)OPTION XF
TR	1/2AK4		1					1U(TR)	GRD				O		11.9	11.3	MOUNTED WITH (SK)
W	1/2AK4		1				4B(PA)	1U(W)	GRD				O		11.9	11.3	MOUNTED WITH (GT)
Z	AJB3		1				4B(PA)	U(Z)	GRD				O		13.4	12.6	

PAGE 1

INCOMING TRUNK CIRCUIT

SD-65812-01-F1

BELL TELEPHONE LABORATORIES  
INCORPORATED

APPARATUS			CIRCUIT PREPARATION				TEST SET PREP			TIME REQ			REMARKS
DESIG	OPTION	FIG.	BLOCK OR INSULATE	TEST CLIP DATA			SEND KEY	REC SW	SEE NOTE	MIL-SEC			
				CONN BK	CONN R	CONN W	START	STOP		MIN	MAX		
DA		4							2				
PA		1	3B(SK)	GRD	U(PA)	12(PA)	BK	GRD	O.C.	155	365		
T	XK	1							1				
T1	YN	1	(W)NO (Z)NO	GRD	45(TSB)	25(TSB)	M	GRD	O.C.	3.5	1500	1700	
T1	YN	1	(W)NO (Z)NO 3E(SW)	GRD	45(TSB)	25(TSB)	M	GRD	O.C.	4.5	4700	5200	

- TEST NOTES:
- TO MEASURE TIME OF (T) RELAY, OPERATE (PA) RELAY. (W) RELAY SHOULD OPERATE WITHIN 3 TO 4 SECONDS.
  - TO MEASURE TIME OF (DA) RELAY, GROUND "S" LEAD FROM INCOMING SELECTOR. (SW) RELAY SHOULD OPERATE WITHIN 20 TO 30 SECONDS.
  - REQUIREMENTS FOR DISCONNECT TIMING
  - REQUIREMENTS FOR DIRECTORY NUMBER TIMING WITH OPTION XG.
  - TEST CLIP DATA FOR OPTION YP - A8M ONLY
- 1ST CKT ON UNIT  
CONN BK - GRD  
CONN R - 2 (T) CONN  
CONN W - 11B (T1) REL
- 2ND CKT ON UNIT  
CONN BK - GRD  
CONN R - 6 (T) CONN  
CONN W - 11B (T1) REL

PAGE 2

INCOMING TRUNK CIRCUIT

SD-65812-01-F1

BELL TELEPHONE LABORATORIES  
INCORPORATED

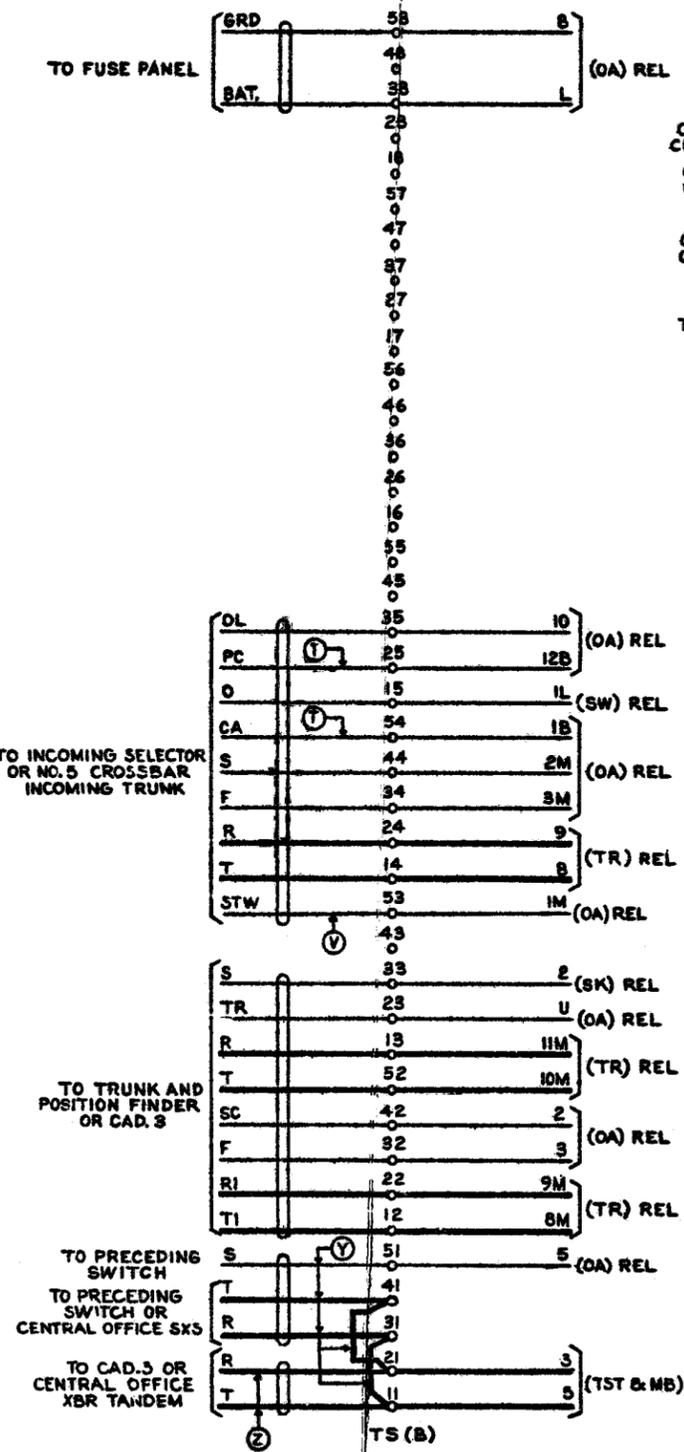
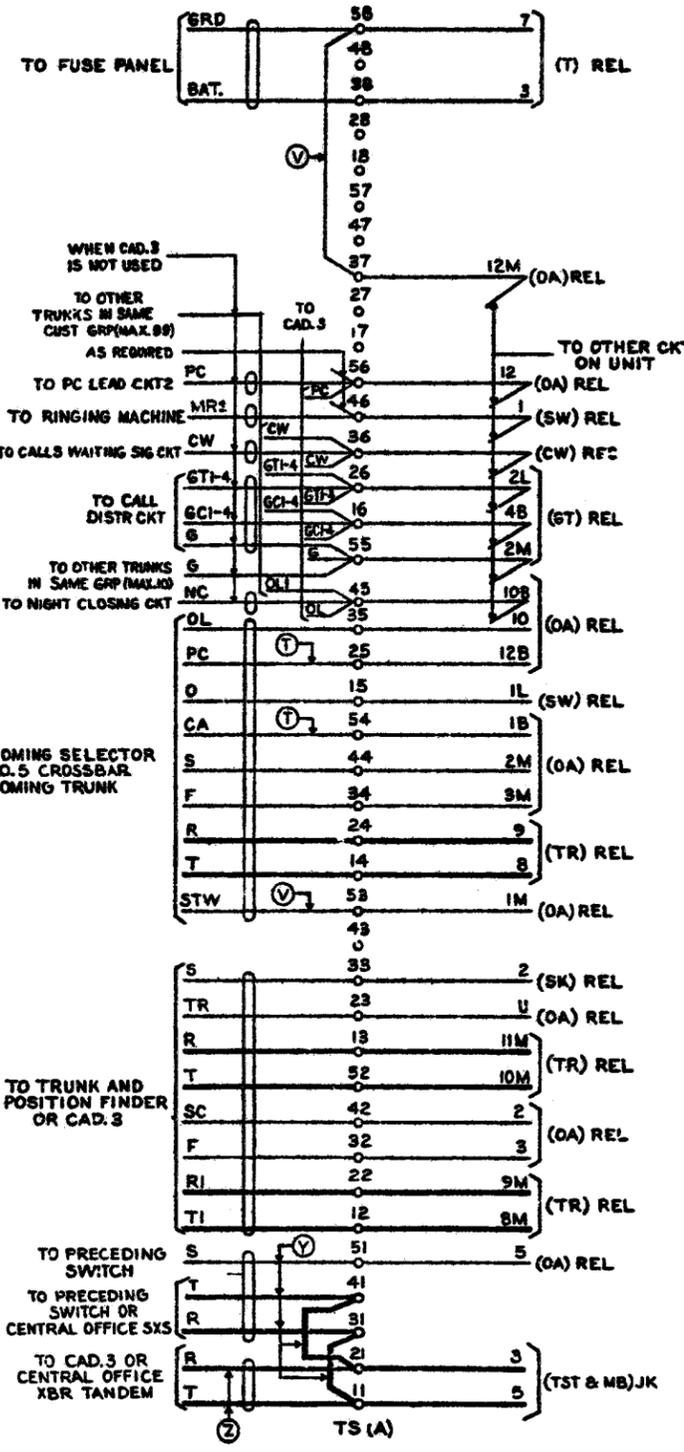
SD-65812-01-F1

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**CAD. 1 (MFR DISC.)**  
(FOR APP FIG. 1)  
CKT 1 OF UNIT

**CAD. 2 (MFR DISC.)**  
(FOR APP FIG. 1)  
CKT 2 OF UNIT

**CAD. 3 (MFR DISC)**  
(FOR APP FIG. 1)  
INCOMING TRUNK UNIT  
(SEE NOTE 1)  
LEADS TO MISCELLANEOUS  
CKTS AND CALL DISTRIBUTOR



CROSS CONNECT TO PC REGISTER CKT

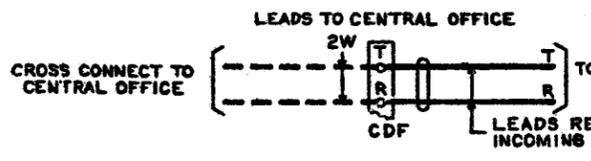
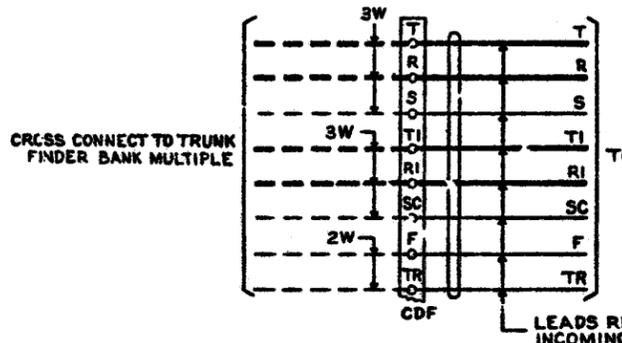
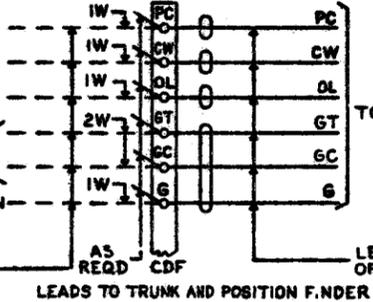
CROSS CONNECT TO CALLS WAITING SIGNAL CKT

CROSS CONNECT TO BATTERY CUT-OFF OR NIGHT CLOSING CKT

CROSS CONNECT TO CALL DISTRIBUTION CKT LEADS GT1-GT4 AND GC1-GC4 AS REQUIRED

CROSS CONNECT TO CALL DISTRIBUTION CKT LEADS G1-G10 AS REQUIRED

STRAP TO OTHER INCOMING TRUNK CKTS AS REQUIRED



- SHEET NOTES:**
- THE OL AND OL1 LEADS ARE CROSS CONNECTED ONCE ONLY ON THE FIRST AND LAST TRUNKS, RESPECTIVELY, OF A CUSTOMERS GROUP OF 99 TRUNKS OR LESS. WHEN THE MAXIMUM NUMBER OF TRUNKS (99) IS EXCEEDED, THE OL AND OL1 LEADS ARE AGAIN CROSS CONNECTED TO THE SUCCEEDING CONNECTING CIRCUIT.
  - THE GT AND GC LEADS ARE CROSS CONNECTED TO THE CONNECTING CIRCUIT ONCE ONLY FOR EACH CUSTOMERS GROUP OF TRUNKS, MAXIMUM 99 TRUNKS.
  - THE G LEAD IS TO BE CROSS CONNECTED ONCE ONLY FOR EACH SUBGROUP OF TEN TRUNKS.
  - THE PC LEAD IS TO BE CROSS CONNECTED ONCE ONLY FOR EACH PC REGISTER OR GROUP OF TRUNKS.
  - THE CW LEAD IS TO BE CROSS CONNECTED TO THE CONNECTING CKT ONCE ONLY FOR ALL TRUNKS IN EACH CUSTOMERS GROUP.

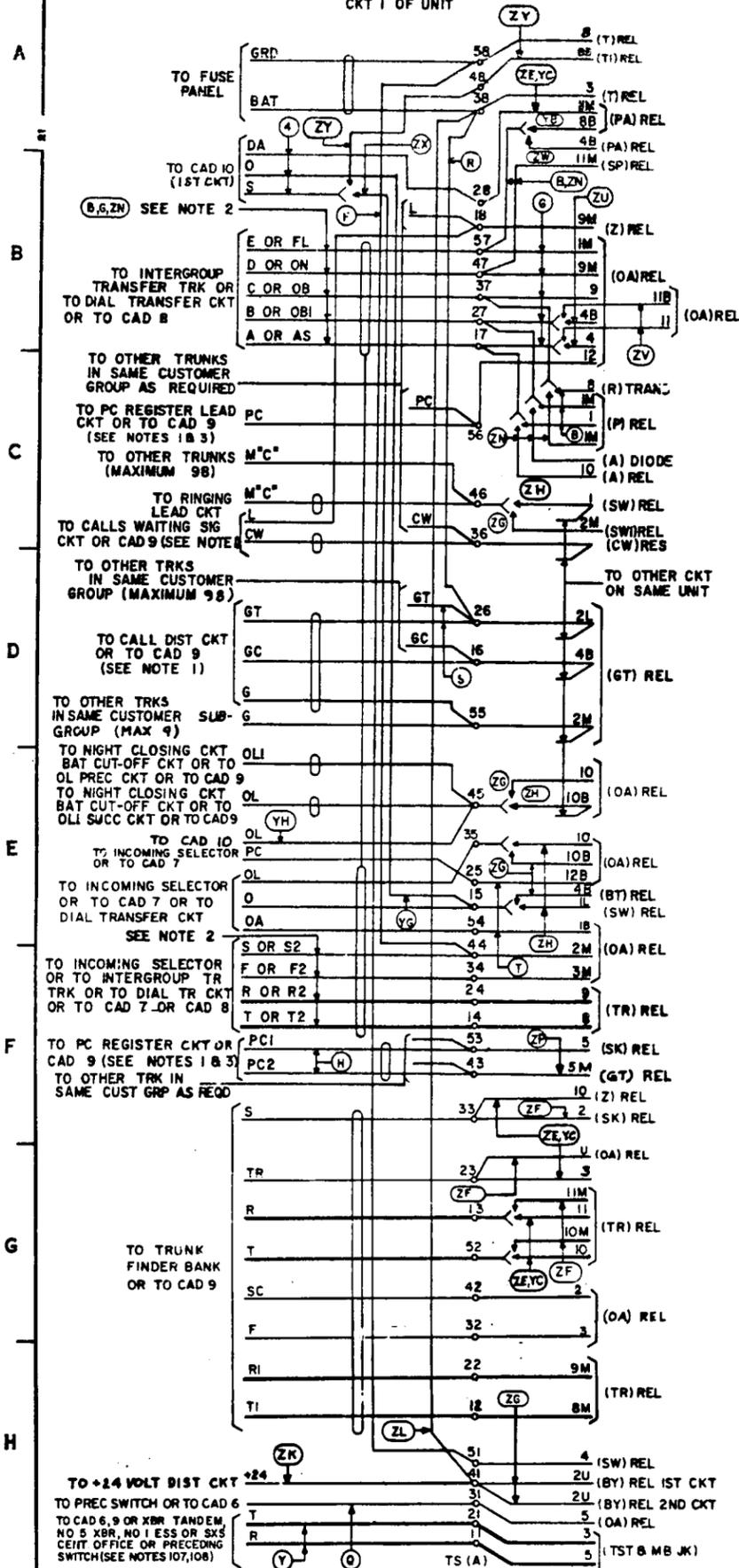
SD-65812-01-61

INCOMING TRUNK CIRCUIT ② SD-65812-01-61

BELL TELEPHONE LABORATORIES 6S

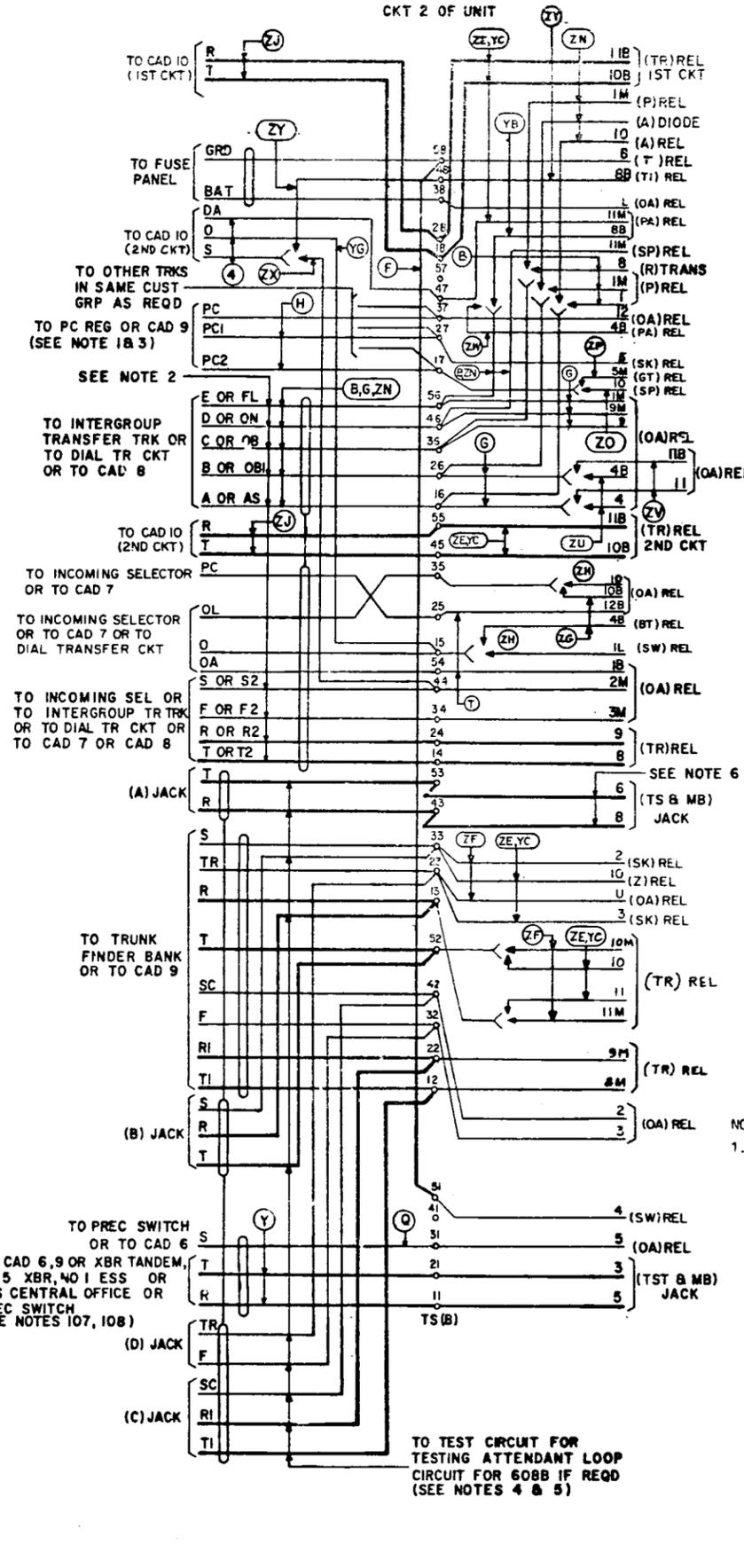
**CAD 4 (MFR DISC)**

(FOR APP FIG 1)  
(SEE NOTE 7)  
CKT 1 OF UNIT

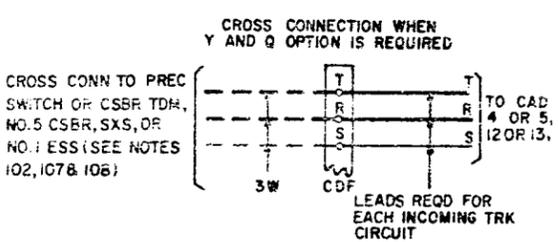


**CAD 5 (MFR DISC)**

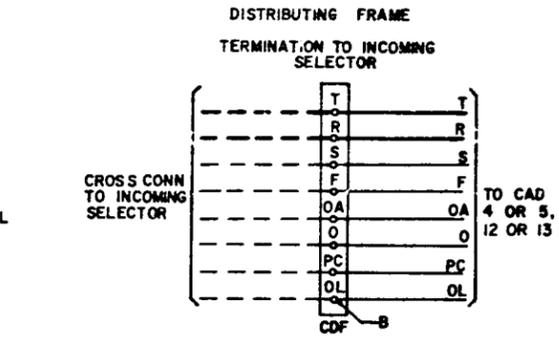
(FOR APP FIG 1)  
(SEE NOTE 8)  
CKT 2 OF UNIT



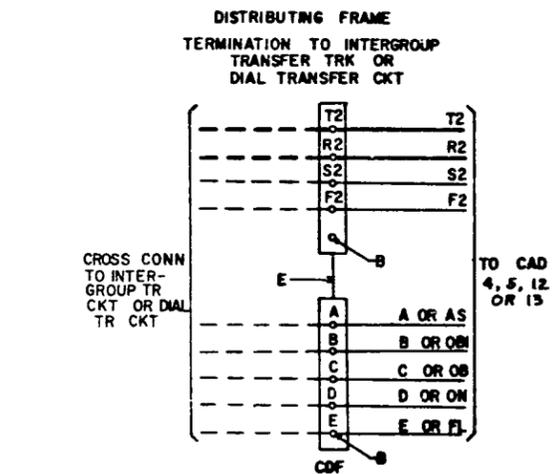
**CAD 6 (MFR DISC)**



**CAD 7 (MFR DISC)**



**CAD 8 (MFR DISC)**



**NOTES:**

1. THE OL AND OLI LEADS ARE CROSS CONNECTED ONCE ONLY ON THE FIRST AND LAST TRUNKS, RESPECTIVELY, OF A CUSTOMER'S GROUP OF 99 TRUNKS OR LESS. WHEN THE MAXIMUM NUMBER OF TRUNKS (99) IS EXCEEDED, THE OL AND OLI LEADS ARE AGAIN CROSS CONNECTED TO THE SUCCEEDING CONNECTING CIRCUIT.
2. THE GT AND GO LEADS ARE CROSS CONNECTED TO THE CONNECTING CIRCUIT ONCE ONLY FOR EACH CUSTOMER'S GROUP OF TRUNKS, MAXIMUM 99 TRUNKS.
3. THE G LEAD IS TO BE CROSS CONNECTED ONCE ONLY FOR EACH SUBGROUP OF TEN TRUNKS.
4. THE PC, PC1 & PC2 LEADS ARE TO BE CROSS CONNECTED ONCE EACH PC REGISTER OR GROUP OF TRUNKS.
5. THE L & ON LEADS ARE TO BE CROSS CONNECTED TO THE CONNECTING CKT ONCE ONLY FOR ALL TRUNKS IN EACH CUSTOMER'S GROUP.

**NOTES (CONT)**

2. WHEN THE INTERGROUP TRANSFER TRUNKS OF DIAL TRANSFER CIRCUIT ARE LOCATED ON THE SAME MISC RELAY RACK RUN AS LOOSE WIRE; OTHERWISE PUR IN CABLE.
3. PC PROVIDES FOR REGISTRATION OF ALL DIO CALLS. PC1 PROVIDES FOR REGISTRATION OF ALL CALLS TO ATTENDANT. PC2 PROVIDES FOR REGISTRATION OF DIRECTORY NUMBER CALLS.
4. ONCE INCOMING TRUNK PER INSTALLATION IS REQUIRED FOR TESTING ATTENDANT LOOP CIRCUITS FOR 6088.
5. THE INCOMING TRUNK USED FOR TESTING SHOULD NOT BE THE FIRST OR LAST TRUNK OF A GROUP OF TRUNKS.
6. INSTALLER SHALL RUN STRAPS FROM TERMINALS 6 & 8 OF THE TST & MB JACK OF THE TRUNK USED FOR TESTING TO THE TERMINAL STRIP OF THAT UNIT.
7. CAD 4, RATED "MFR DISC" ON ISSUE 12 OF THIS DRAWING IS REPLACED BY CAD 12. TO CONVERT A TERMINAL STRIP FURNISHED PER CAD 4 TO CAD 12, THE FOLLOWING CHANGES MUST BE MADE:  
IF OPTION "F" IS PROVIDED, REMOVE THE STRAP BETWEEN PUNCHINGS 51 AND 58 OF T.S.(A). DISCONNECT THE APPARATUS END OF THE LEAD BETWEEN PUNCHING 51 OF T.S.(A) AND TERMINAL 4 OF RELAY SW(1ST CKT) AND RECONNECT IT TO TERMINAL 4M OF RELAY SW(1ST CKT). IF APP. FIG. 4 IS PROVIDED, REMOVE THE "O" LEAD FROM PUNCHING 15 OF T.S.(A) AND RECONNECT IT TO PUNCHING 51 OF T.S.(A). IF OPTION "F" IS PROVIDED, CONNECT A LEAD FROM TERMINAL 4 OF RELAY SW(1ST CKT) TO PUNCHING 58 OF T.S.(A). IF APP. FIG. 4 IS PROVIDED, CONNECT "OL" LEAD TO PUNCHING 45 OF T.S.(A).
8. CAD 5, RATED "MFR DISC" ON ISSUE 12 OF THIS DRAWING IS REPLACED BY CAD 13. TO CONVERT A TERMINAL STRIP FURNISHED PER CAD 5 TO CAD 12, THE FOLLOWING CHANGES MUST BE MADE:  
IF OPTION "F" IS PROVIDED, REMOVE THE STRAP BETWEEN PUNCHINGS 51 AND 58 OF T.S.(B). DISCONNECT THE APPARATUS END OF THE LEAD BETWEEN PUNCHING 51 OF T.S.(B) AND RECONNECT IT TO TERMINAL 4M OF RELAY SW(2ND CKT). IF APP. FIG. 4 IS PROVIDED, REMOVE THE "O" LEAD FROM PUNCHING 15 OF T.S.(B) AND RECONNECT IT TO PUNCHING 51 OF T.S.(B). IF OPTION "F" IS PROVIDED, CONNECT A LEAD FROM PUNCHING 58 OF T.S.(B). CONNECT A LEAD FROM TERMINAL 3M OF RELAY SW(1ST CKT) TO PUNCHING 57 OF T.S.(B). CONNECT A LEAD FROM TERMINAL 3M OF RELAY SW(2ND CKT) TO PUNCHING 41 OF T.S.(B). IF APP. FIG. 4 IS PROVIDED, CONNECT "WK" LEADS TO PUNCHINGS 41 AND 57 OF T.S.(B).

INCOMING TRUNK CIRCUIT

BELL TELEPHONE LABORATORIES INCORPORATED

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6S

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14

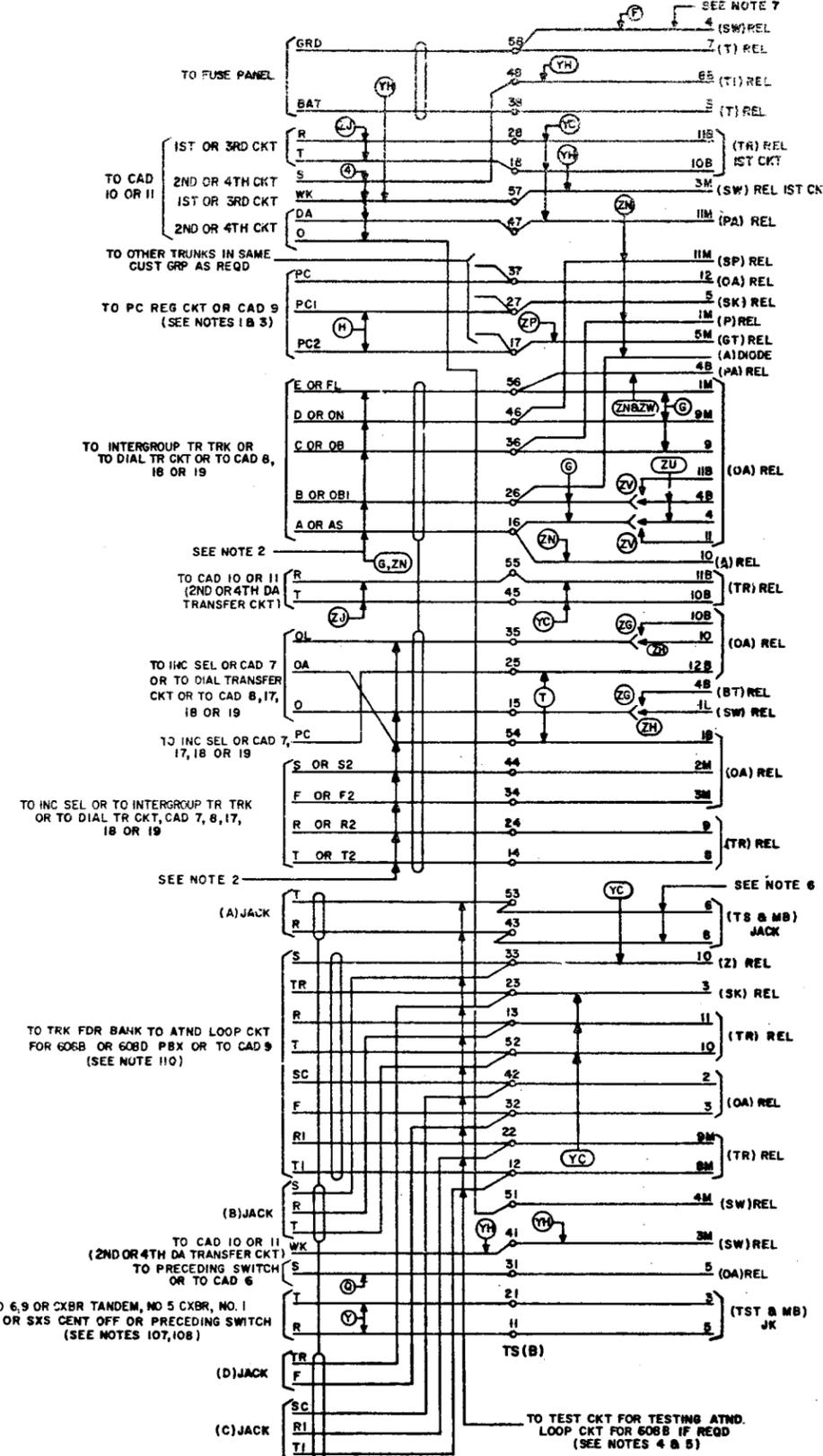
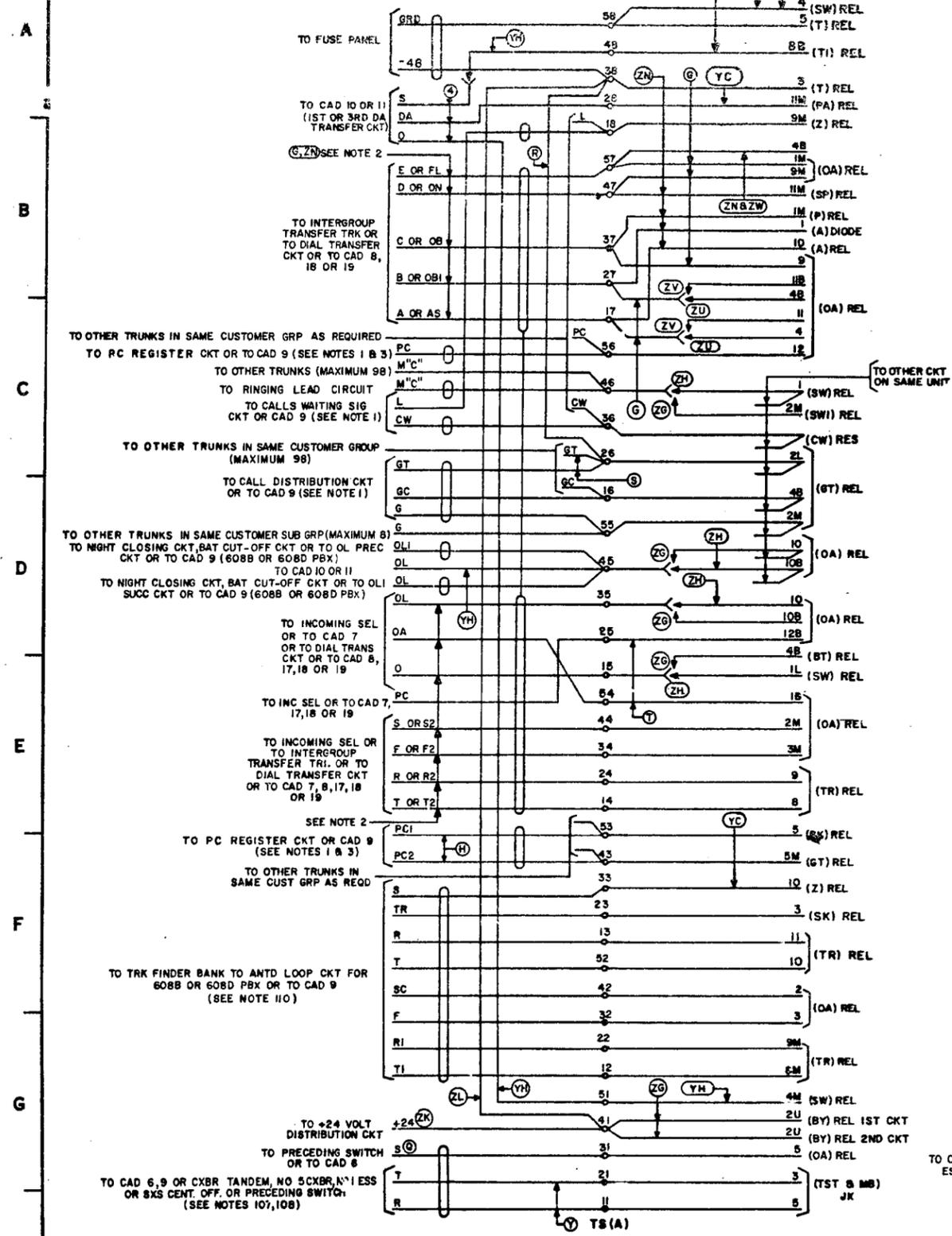


### CAD 12 (MFR DISC)

(FOR APP FIG. 1)  
CKT 1 OF UNIT

### CAD 13 (MFR DISC)

(FOR APP FIG. 1)  
CKT 2 OF UNIT



- SHEET NOTES:
1. THE OL AND OLI LEADS ARE CROSS CONNECTED ONCE ONLY ON THE FIRST AND LAST TRUNKS, RESPECTIVELY, OF A CUSTOMERS GROUP OF 99 TRUNKS OR LESS. WHEN THE MAXIMUM NUMBER OF TRUNKS (99) IS EXCEEDED, THE OL AND OLI LEADS ARE AGAIN CROSS CONNECTED TO THE SUCCEEDING CONNECTING CIRCUIT.  
THE GT AND GO LEADS ARE CROSS CONNECTED TO THE CONNECTING CIRCUIT ONCE ONLY FOR EACH CUSTOMERS GROUP OF TRUNKS, MAXIMUM 99 TRUNKS.  
THE G LEAD IS TO BE CROSS CONNECTED ONCE ONLY FOR EACH SUBGROUP OF TEN TRUNKS.  
THE PC, PC1 & PC2 LEADS ARE TO BE CROSS CONNECTED ONCE EACH PC REGISTER OR GROUP OF TRUNKS.  
THE L & CW LEADS ARE TO BE CROSS CONNECTED TO THE CONNECTING CKT ONCE ONLY FOR ALL TRUNKS IN EACH CUSTOMERS GROUP.
  2. WHEN THE INTERGROUP TRANSFER TRUNKS OR DIAL TRANSFER CIRCUIT ARE LOCATED ON THE SAME MISC RELAY RACK RUN AS LOOSE WIRE; OTHERWISE RUN IN CABLE.
  3. PC PROVIDES FOR REGISTRATION OF ALL DID CALLS. PC1 PROVIDES FOR REGISTRATION OF ALL CALLS TO ATTENDANT. PC2 PROVIDES FOR REGISTRATION OF DIRECTORY NUMBER CALLS.
  4. ONE INCOMING TRUNK PER INSTALLATION IS REQUIRED FOR TESTING ATTENDANT LOOP CIRCUITS FOR 608B.
  5. THE INCOMING TRUNK USED FOR TESTING SHOULD NOT BE THE FIRST OR LAST TRUNK OF A GROUP OF TRUNKS.
  6. INSTALLER SHALL RUN STRAPS FROM TERMINALS 6 & 8 OF THE TST AND MB JACK OF THE TRUNK USED FOR TESTING TO THE TERMINAL STRIP OF THAT UNIT.
  7. WHEN OPTION "F" IS NOT REQUIRED, THE INSTALLER SHALL REMOVE THE LEAD FROM PUNCHING 58 OF TS(A) AND TS(B) TO TERMINAL 4 OF THE SW RELAY ON CKT 1 AND CKT 2 RESPECTIVELY.

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DRAWING ISSUE  
2 AC 235  
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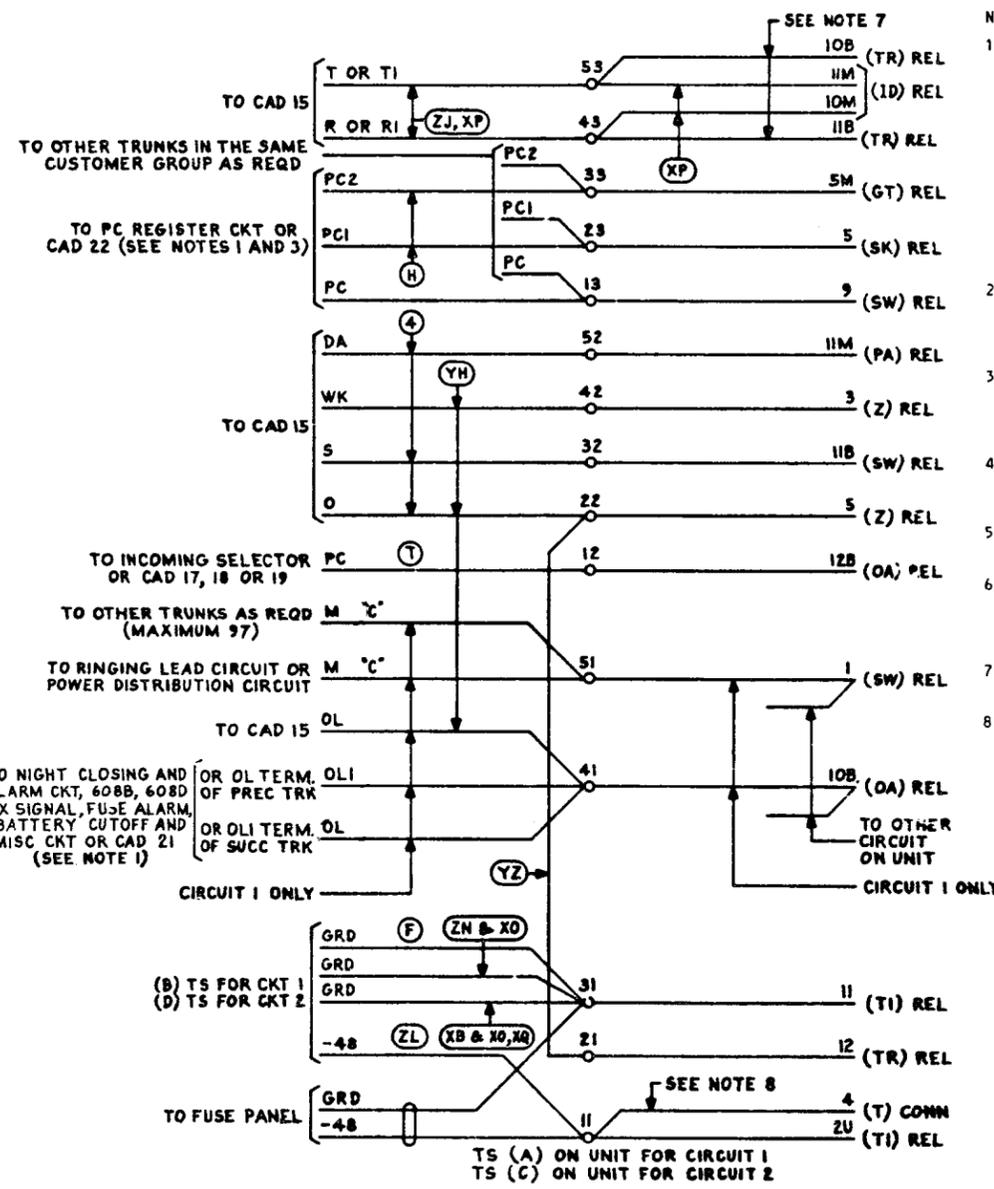
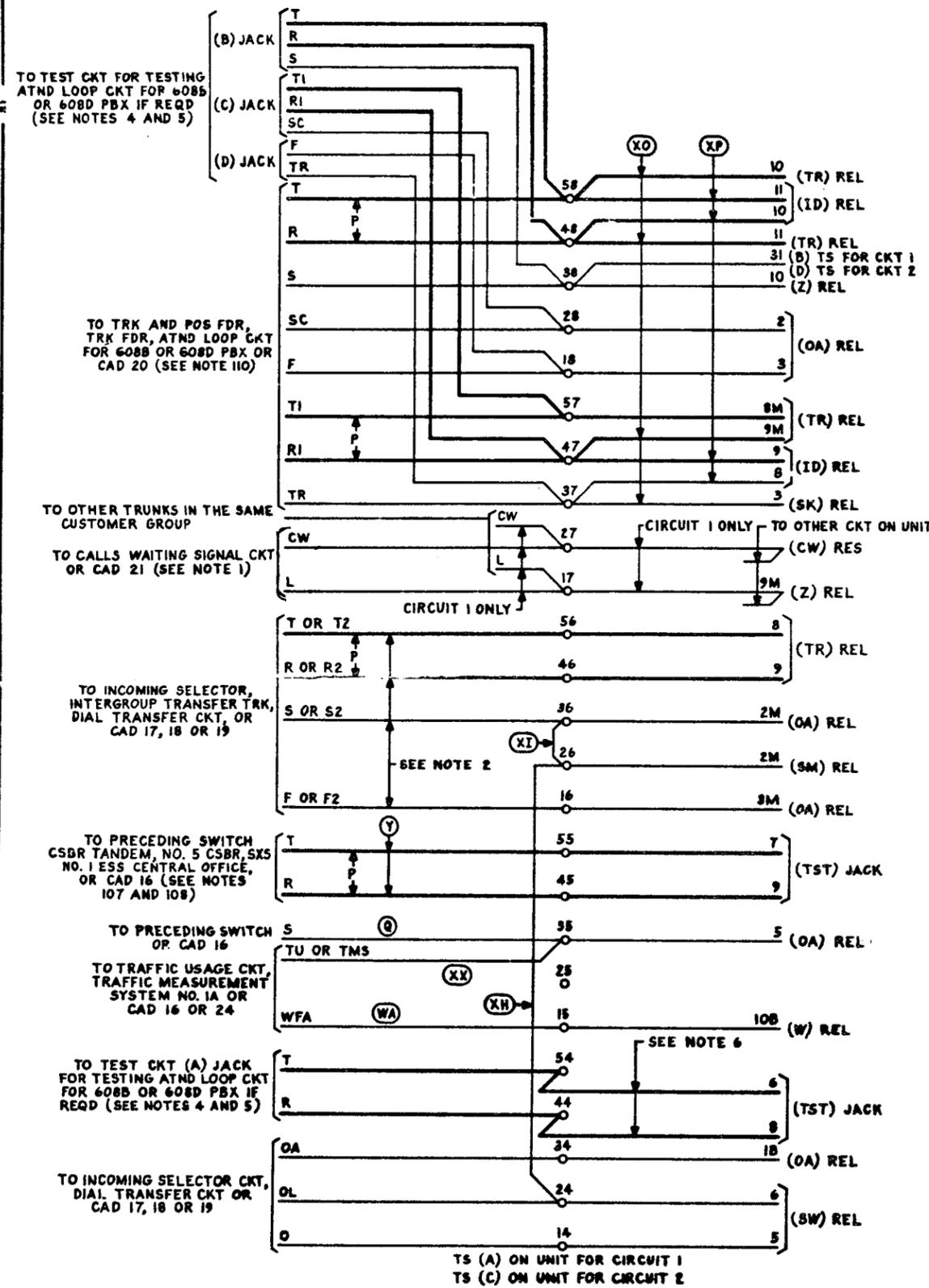
INCOMING TRUNK CIRCUIT 2

SD-65812-01-64

BELL TELEPHONE LABORATORIES  
INCORPORATED 65

PART OF CAD 14  
(FOR APP FIG. 1 AND 5)

DRAWING  
ISSUE  
14B



- NOTES:
1. THE OL AND OLI LEADS ARE CROSS CONNECTED ONCE ONLY ON THE FIRST AND LAST TRUNKS, RESPECTIVELY, OF A CUSTOMERS GROUP OF 99 TRUNKS OR LESS. WHEN THE MAXIMUM NUMBER OF TRUNKS (99) IS EXCEEDED, THE OL AND OLI LEADS ARE AGAIN CROSS CONNECTED TO THE SUCCEEDING CONNECTING CIRCUIT.
  2. WHEN THE INTERGROUP TRANSFER TRUNKS OR DIAL TRANSFER CIRCUIT ARE LOCATED ON THE SAME MISC RELAY PACK RUN AS LOOSE WIRE; OTHERWISE RUN IN CABLE.
  3. PC PROVIDES FOR REGISTRATION OF ALL DID CALLS. PC1 PROVIDES FOR REGISTRATION OF ALL CALLS TO ATTENDANT. PC2 PROVIDES FOR REGISTRATION OF DIRECTORY NUMBER CALLS.
  4. ONE INCOMING TRUNK PER INSTALLATION IS REQUIRED FOR TESTING ATTENDANT LOOP CIRCUITS FOR 608B OR 608D PBX.
  5. THE INCOMING TRUNK USED FOR TESTING SHOULD NOT BE THE FIRST OR LAST TRUNK OF A GROUP OF TRUNKS.
  6. THE INSTALLER SHALL RUN STRAPS FROM TERMINALS 6 & 8 OF THE TST JACK OF THE TRUNK USED FOR TESTING TO THE TERMINAL STRIP OF THAT UNIT. CKT 1 OR CKT 2 MAY BE USED FOR TESTING.
  7. PROVIDED ONLY WHEN OPTION XO IS SPECIFIED. (SEE NOTE 114).
  8. BAT FOR TERMINAL 4 OF CONN(T) IS OBTAINED FROM FIRST CKT ON UNIT ONLY.

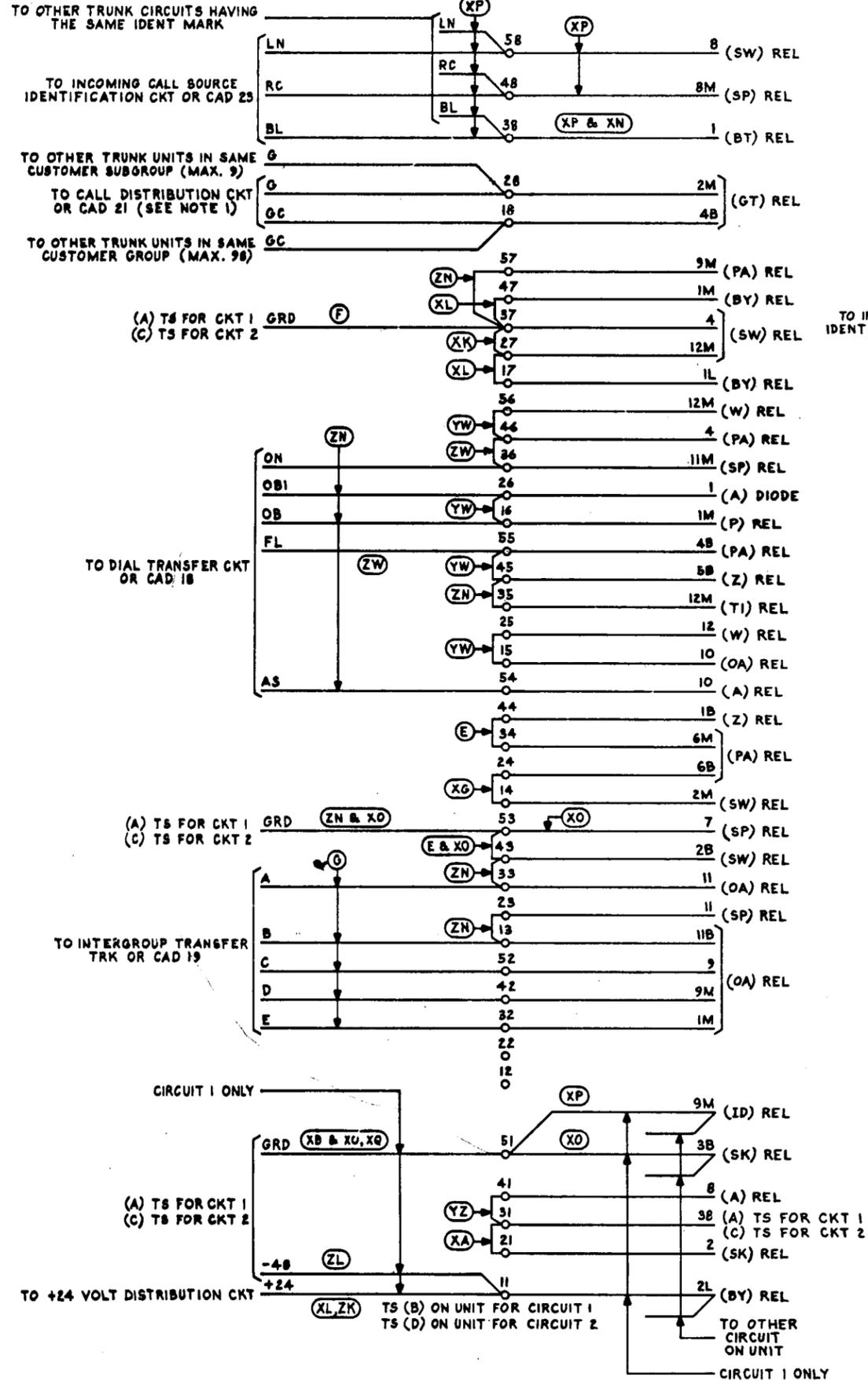
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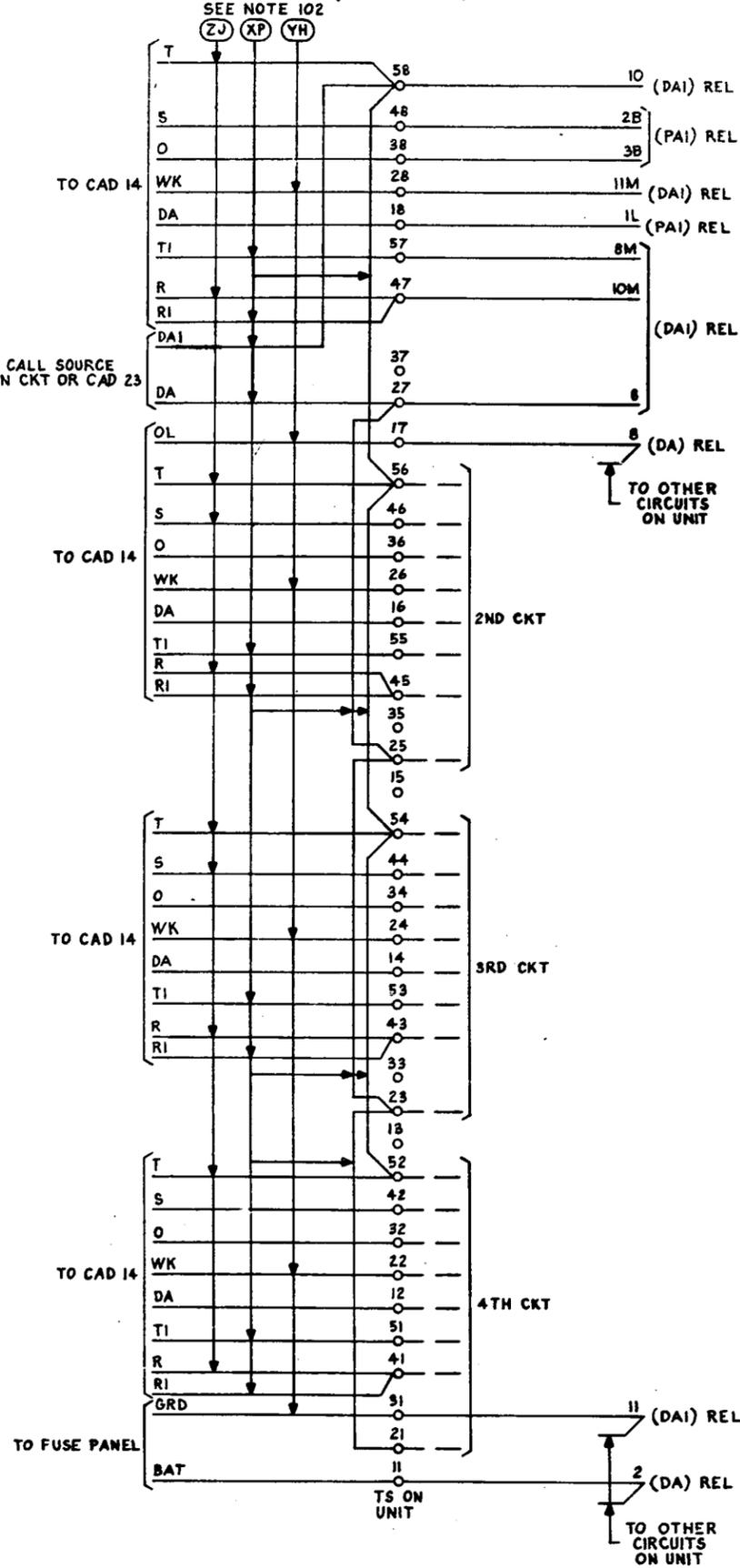
INCOMING TRUNK CIRCUIT	2	SD-65812-01-65
BELL TELEPHONE LABORATORIES INCORPORATED	6S	

**PART OF CAD 14**  
(FOR APP FIG 1 AND 5)

**CAD 15**  
(FOR APP FIG. 4)



TO INCOMING CALL SOURCE IDENTIFICATION CKT OR CAD 23



NOTES:

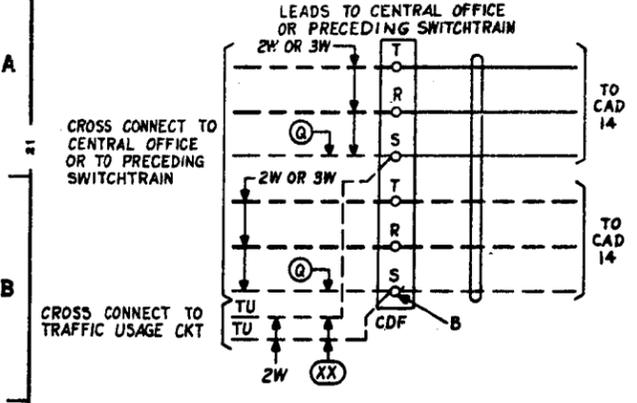
1. THE GC LEAD IS CROSS CONNECTED TO THE CONNECTING CIRCUIT ONCE ONLY FOR EACH CUSTOMERS GROUP OF TRUNKS, MAXIMUM 99 TRUNKS.  
THE G LEAD IS TO BE CROSS CONNECTED ONCE ONLY FOR EACH SUBGROUP OF TEN TRUNKS.

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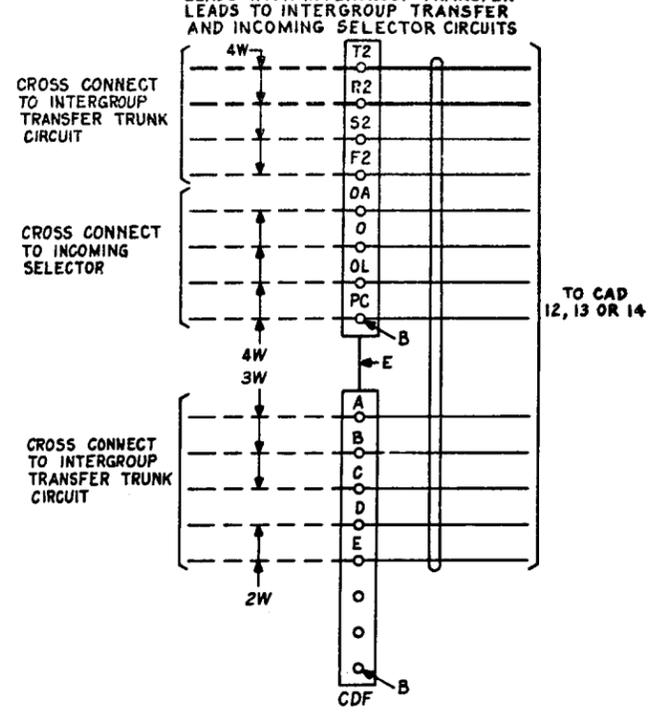
DRAWING ISSUE	REV
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INCOMING TRUNK CIRCUIT	2	SD-65812-01-66
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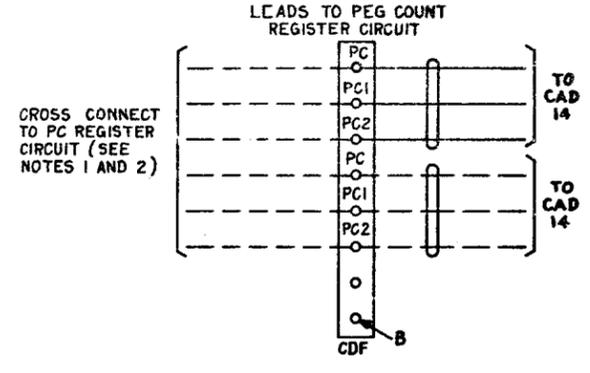
**CAD 16 (FOR 2 CIRCUITS)**  
DISTRIBUTING FRAME TERMINATION



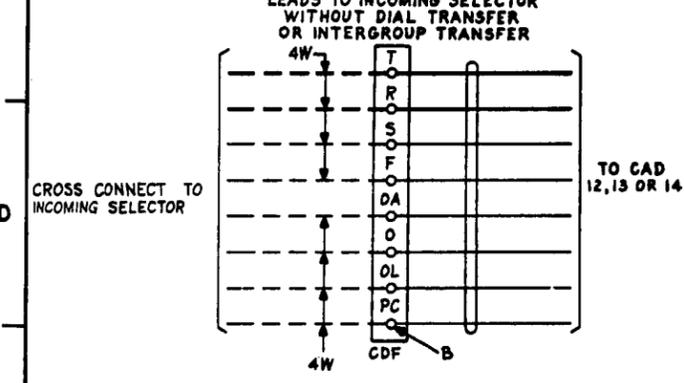
**CAD 19 (FOR 1 CIRCUIT)**  
DISTRIBUTING FRAME TERMINATION



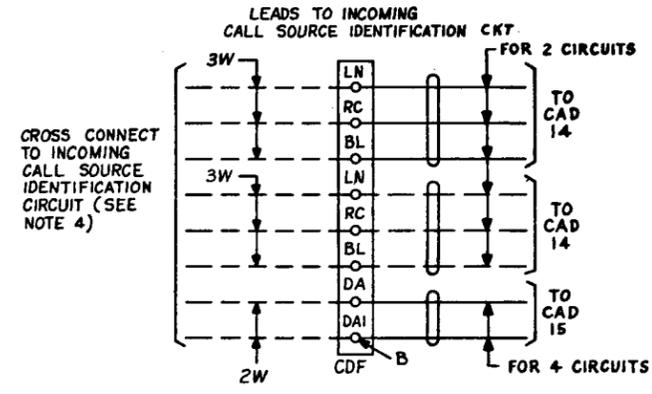
**CAD 22 (FOR 2 CIRCUITS)**  
DISTRIBUTING FRAME TERMINATION



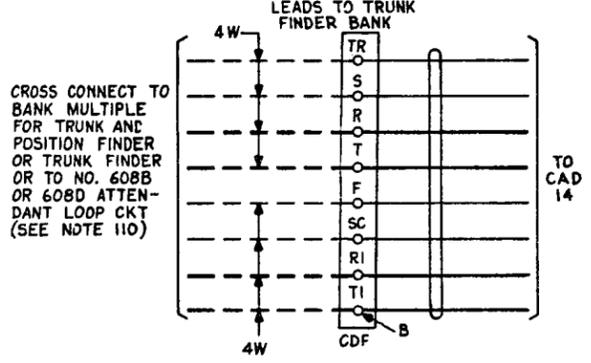
**CAD 17 (FOR 1 CIRCUIT)**  
DISTRIBUTING FRAME TERMINATION



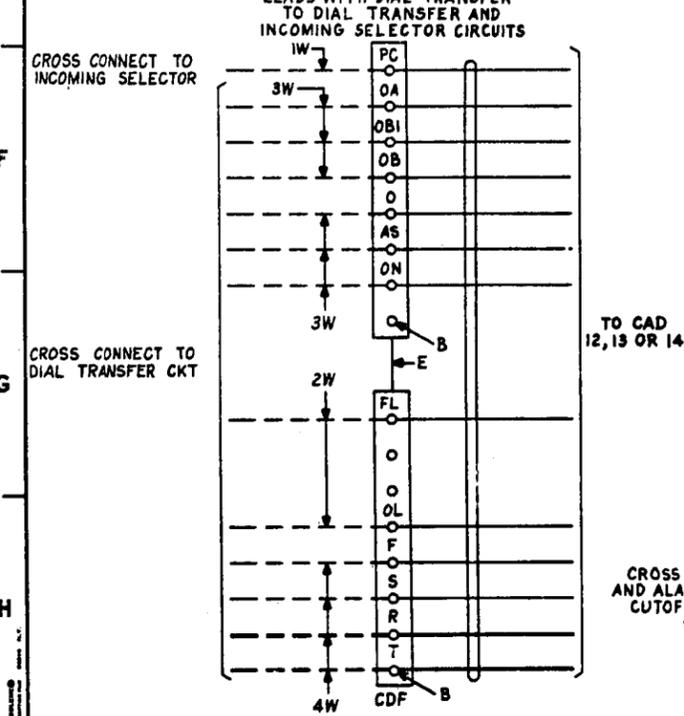
**CAD 23**  
DISTRIBUTING FRAME TERMINATION



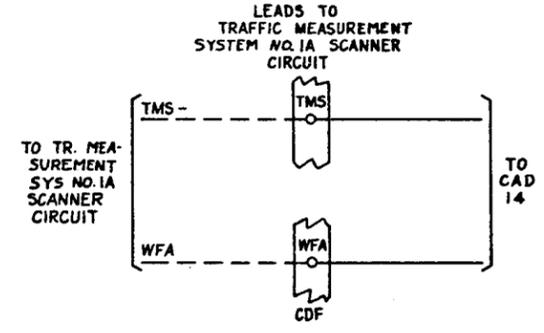
**CAD 20 (FOR 1 CIRCUIT)**  
DISTRIBUTING FRAME TERMINATION



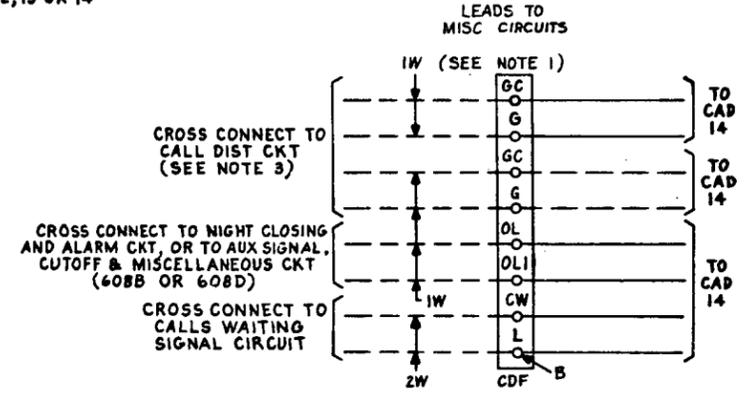
**CAD 18 (FOR 1 CIRCUIT)**  
DISTRIBUTING FRAME TERMINATION



**CAD 24 (FOR 1 CIRCUIT)**  
DISTRIBUTING FRAME TERMINATION



**CAD 21 (FOR 2 CIRCUITS)**  
DISTRIBUTING FRAME TERMINATION



- NOTES:**
- THE OL AND OLI LEADS ARE CROSS CONNECTED ONCE ONLY ON THE FIRST AND LAST TRUNKS, RESPECTIVELY, OF A CUSTOMER'S GROUP OF 99 TRUNKS OR LESS. WHEN THE MAXIMUM NUMBER OF TRUNKS (99) IS EXCEEDED, THE OL AND OLI LEADS ARE AGAIN CROSS CONNECTED TO THE SUCCEEDING CONNECTING CIRCUIT.
  - THE GC LEAD IS CROSS CONNECTED TO THE CONNECTING CIRCUIT ONCE ONLY FOR EACH CUSTOMER'S GROUPS OF TRUNKS, MAXIMUM 99 TRUNKS.
  - THE G LEAD IS CROSS CONNECTED ONCE ONLY FOR EACH SUBGROUP OF TEN TRUNKS.
  - THE PC, PC1 & PC2 LEADS ARE CROSS CONNECTED ONCE ONLY FOR EACH PC REGISTER OR GROUP OF TRUNKS.
  - THE L & CW LEADS ARE CROSS CONNECTED TO THE CONNECTING CKT ONCE ONLY FOR ALL TRUNKS IN EACH CUSTOMER'S GROUP.
  - PC PROVIDES FOR REGISTRATION OF ALL DID CALLS.
  - PC1 PROVIDES FOR REGISTRATION OF ALL CALLS TO ATTENDANT.
  - PC2 PROVIDES FOR REGISTRATION OF DIRECTORY NUMBER CALLS.
  - THE GC LEAD CROSS CONNECTS TO CALL DIST CKT LEADS GC 1-4 AS REQUIRED.
  - THE G LEAD CROSS CONNECTS TO CALL DIST CKT LEADS G1-10 AS REQUIRED.
  - MULT LEADS LN, RC, BL, DA & DAI TO LIKE LEADS OF OTHER TRUNK CIRCUITS HAVING THE SAME IDENT MARK.

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