

SHEET INDEX

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4	CIRCUIT REQUIREMENTS TABLES CAD 1

INFORMATION NOTES:

301. BUSY VERIFICATION CIRCUIT IS FUSED THROUGH ATTENDANT TRUNK 2.

OPTION INDEX

APP OR WRG	LOCATION
Z	2G5, 2G6, 2H4
Y	2H2
X	2H2
W	2C7, 2C8, 2F7
V	2C2
T	APP FIG. 1, 2C2, 2C3
S	APP FIG. 1, 2C2, 2C3
R	2B6, 2B7

CIRCUIT NOTES:

DESIG	FUSE AMP	POTENTIAL	ONE PER	TERM-DESIG
AT		-48V PROTECTED		
BATTERY SYMBOL		VOLTAGE RANGE		
-48V		45-52V		
SEE NOTE 301				

SUPPORTING INFORMATION

CATEGORY	NO.
FEATURE CABLE EQUIPMENT DRAWING	SD-66920-01 J58829AJ-(1)

DWG ISSUE	EE OR CD ISSUE	DATE ISSUED	DRS	APPD
1	1	12-1-69	RKUM	AEK
2D	2D	3-31-69	JFF	AEK
3D	APP 1D	6-4-69	WPA	AEK
4D	2D APP 2D	2-30-69	WPA	AEK
5A	2D APP 3A	10-13-69	JJH	AEK
6D	2D APP 4D	10-20-69	RJZ	AEK
7D	3D	8-3-72	WPA	AEK
8D	3D APPX 1D	2-26-74	GDI	AEK

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
BUSY VERIFICATION AUX TRUNK WITH WARNING TONE AND MONITORING AND TALKING	I	Z Z,R	1 PER CKT
INDICATION OF INCOMPLETED VERIFICATION AND WHEN PBX IS ALSO EQUIPPED WITH STATION MESSAGE REGISTER PULSING AND SURCHARGE CIRCUIT		W	1 PER CKT
WHEN PBX IS ALSO EQUIPPED WITH INWARD RESTRICTION CIRCUIT		V	1 PER CKT

NETWORK VALUES		
NETWORK NO.	RESISTANCE IN OHMS	CAPACITANCE IN UF

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
3D	X OR Y	Y		X		Y
3D	W	NONE	102 & 105	W		
4D	V	NONE	102 & 106	V		
6D	S	T		S		T
7D	R	NONE		R		

- 105. PROVIDE OPTION W WHEN PBX IS EQUIPPED FOR STATION MESSAGE REGISTRATION.
- 106. PROVIDE OPTION V WHEN PBX IS EQUIPPED WITH INWARD RESTRICTION CIRCUIT.

ISSUE 8D

SD-66911-01-1	2J07	AGM ONLY
PBX SYSTEMS NO. 756A BUSY VERIFICATION AUXILIARY TRUNK CIRCUIT		SD-66911-01-1 4 SHEETS
(BY VERIF AUX TRK CKT)		
BELL TELEPHONE LABORATORIES INCORPORATED	6S	PRINTED IN U.S.A.

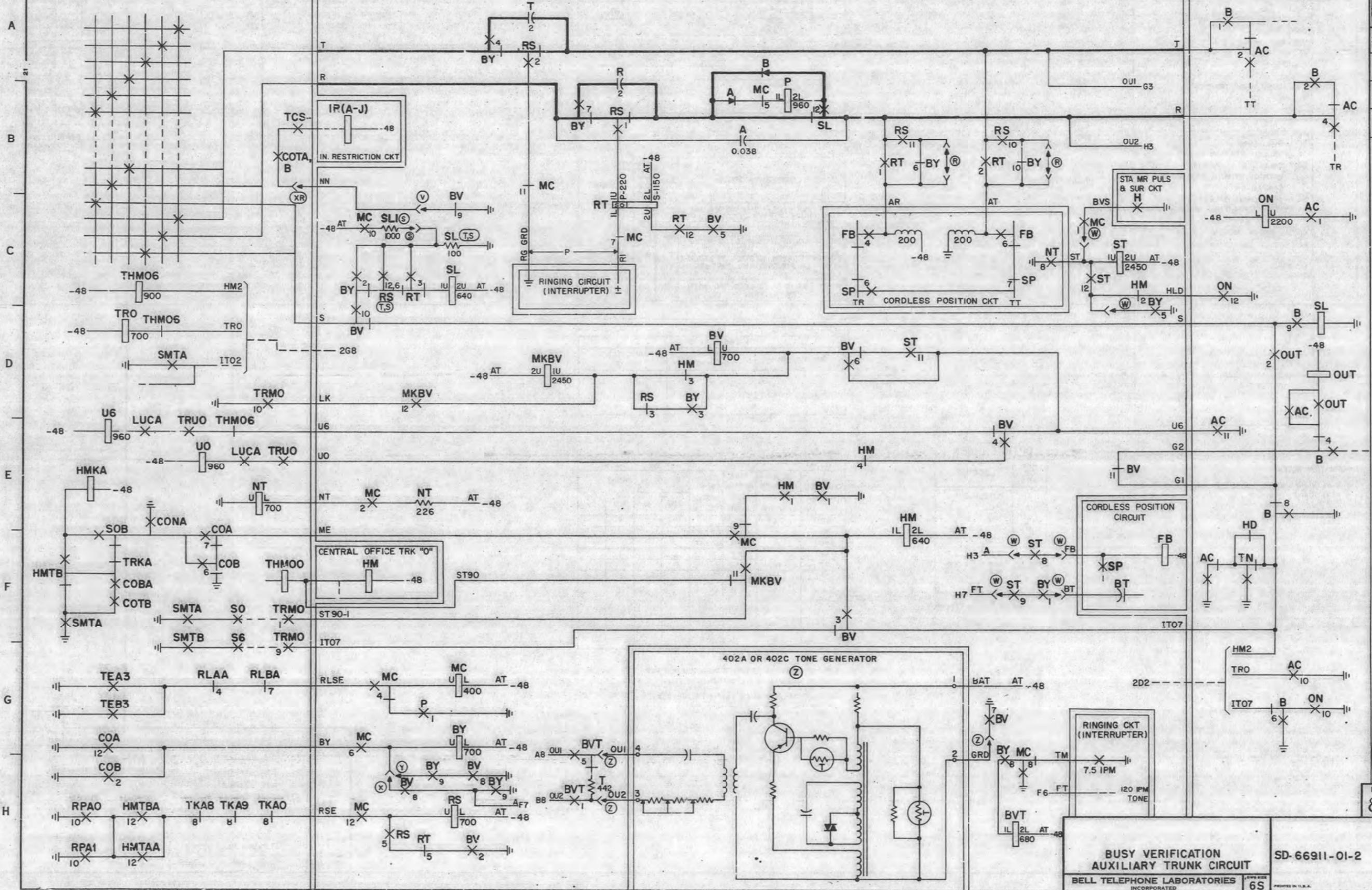
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LINE LINK & MARKER CKT

FS I
BUSY VERIFICATION AUXILIARY TRUNK CIRCUIT

ATTENDANT TRK CKT 2
ARR FOR USE WITH BUSY
VERIF AUX TRK CIRCUIT

DRAWING ISSUE	
1	SAK HW
2D	JFF HW
3D	GP SAK HW
4D	SAK HW
5A	JFH HW
6D	RFP HW



SD-66911-01-2

BUSY VERIFICATION
AUXILIARY TRUNK CIRCUIT
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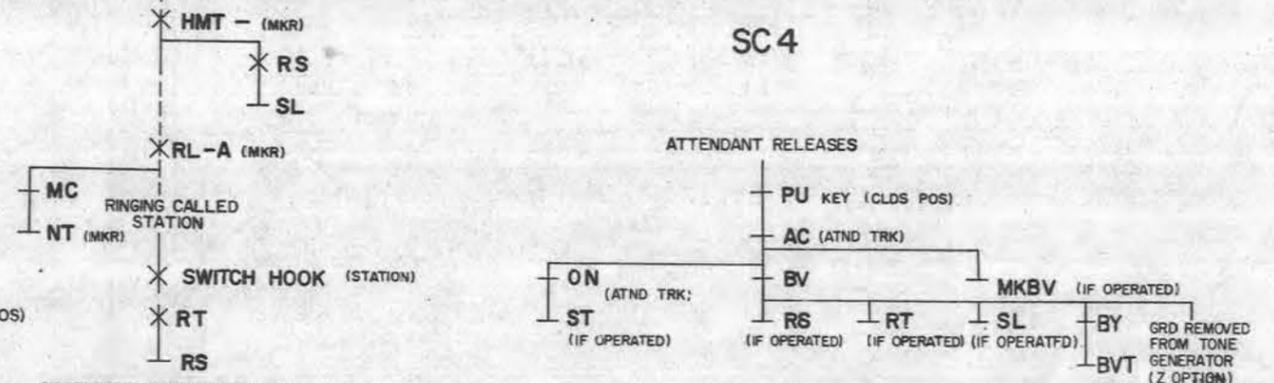
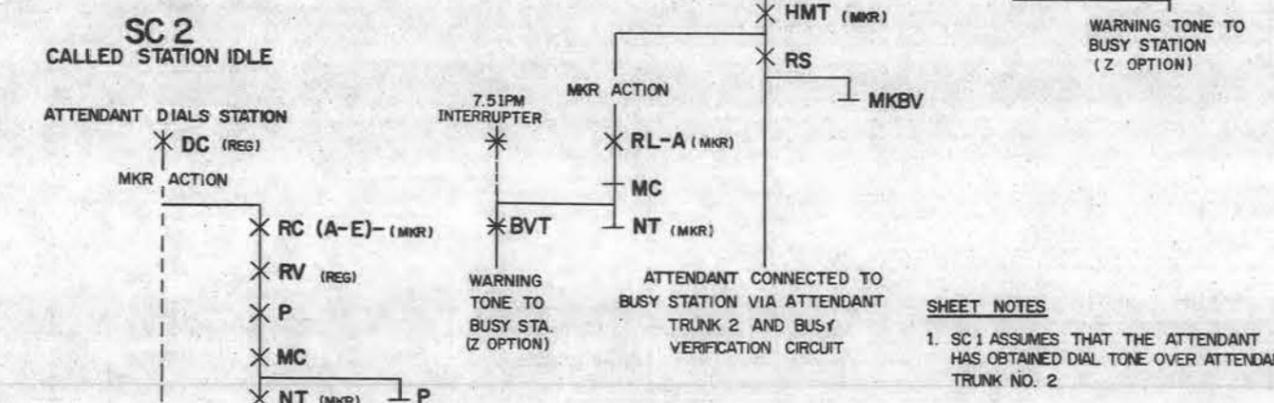
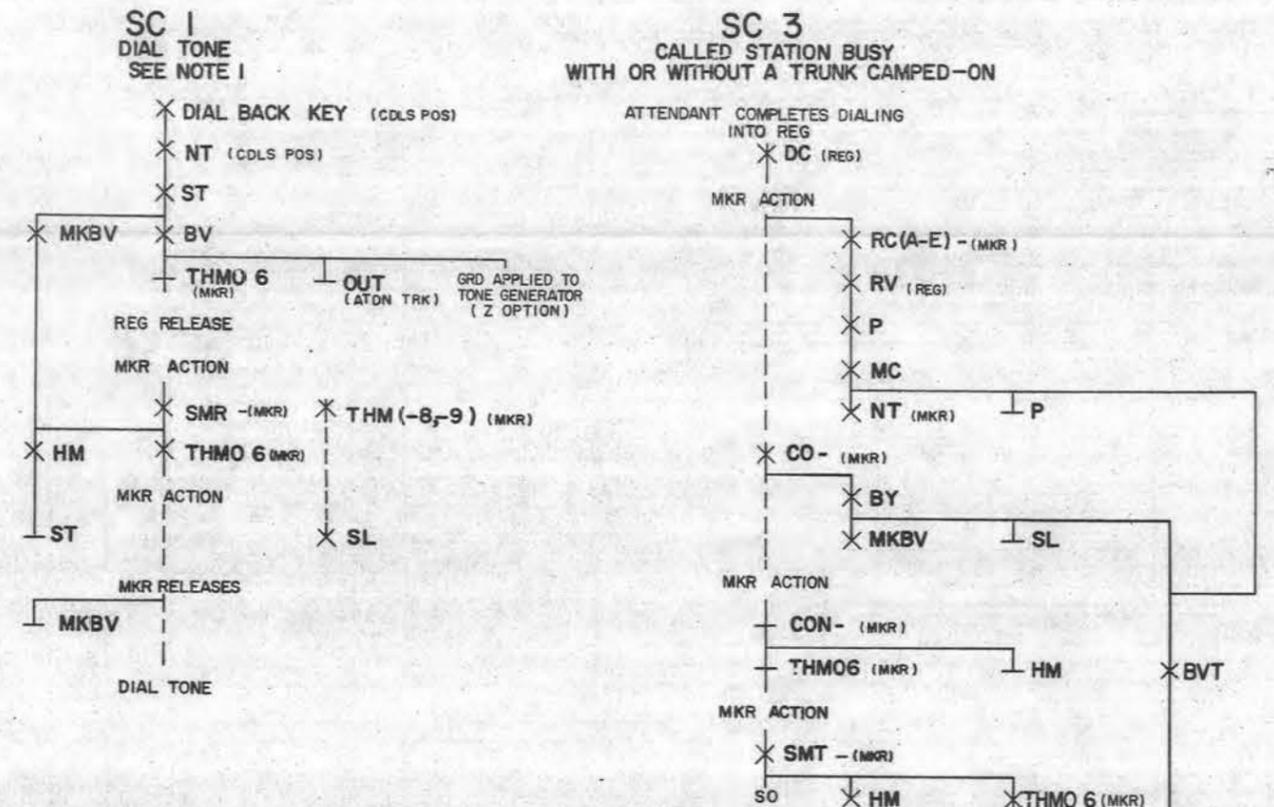
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APP FIG. 1

RELAY	DESIG	BY	MC	BV	RS	RT	ST	P	SL	HM	BVT	MKBV	DESIG
CODE	AJ15	AJ56	AJ15	AJ15	AJ58	AK8	AK6	AK35	AK35	AK35	AK35	AK35	CODE
OPTION	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	OPTION
12	EBM		EM	2H2	EBM	2E8	EBM	2B6	B	EM	2C4	M	2C7
11	EBM		EM	2H2	EBM	2E8	EBM	2B6	B	EM	2C4	M	2D6
10	EBM	2B7	M	2C2	EBM	2D2	EBM	2B7	M	EM			2D2
9	EBM	2H2	EMB	2F5	EBM	2C3	EBM		BM	2B5			2F5
8	EMB	2H7	EMB	2H7	EMB	2H3	EMB		BM				2H7
7	EBM	2B4	B	2C4	EBM	2C1	EBM		BM				2C4
6	EMB	2B6	M	2G2	EMB	2D6	EMB	b					2D6
5	EMB	2C8	B	2E6	EMB	2C5	EMB	2H2	B	2H2	EM	EMB	2G3
4	EBM	2A3	PEMB	2G2	EBM	2E7	EBM		BM	2E6	EMB		2E7
3	EBM	2D4	M		EBM	2F5	EBM	2D4	BM	2C2			2D4
2	EBM	2C2	PEMB	2E2	EBM	2H3	EBM	2A3	M	2B7			2C2
1	EBM	2F7	M	2C7	EBM	2E5	EBM	2B4	M	2B6			2F7
COIL	2G3	2G3	2D5	2H3	2C4	2C8	2B5	2C3	2E6	2H7	2D3	COIL	

CAPACITOR			DIODE			NETWORK		
DESIG	LOC	CODE	DESIG	LOC	CODE	DESIG	LOC	CODE
T	2A3	437E	A	2B5	446F	Z	2G5	402A OR 402C
R	2B4	542U	B	2A5	446F			
A	2B5							

RESISTOR		
DESIG	LOC	CODE
NT	2E2	18AG
SL	2C2	19DU
SL	2C3	19DU
SL	2B3	18U
T	2H4	145C, 442



BUSY VERIFICATION AUXILIARY TRUNK CIRCUIT

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SD-66911-01-3

DRAWING ISSUE

1	W	HU
2	W	HU
3	W	HU
4	W	HU
5	W	HU
6	W	HU
7	W	HU
8	W	HU
9	W	HU
10	W	HU
11	W	HU
12	W	HU
13	W	HU
14	W	HU
15	W	HU
16	W	HU
17	W	HU
18	W	HU
19	W	HU
20	W	HU
21	W	HU
22	W	HU
23	W	HU
24	W	HU
25	W	HU
26	W	HU
27	W	HU
28	W	HU
29	W	HU
30	W	HU
31	W	HU
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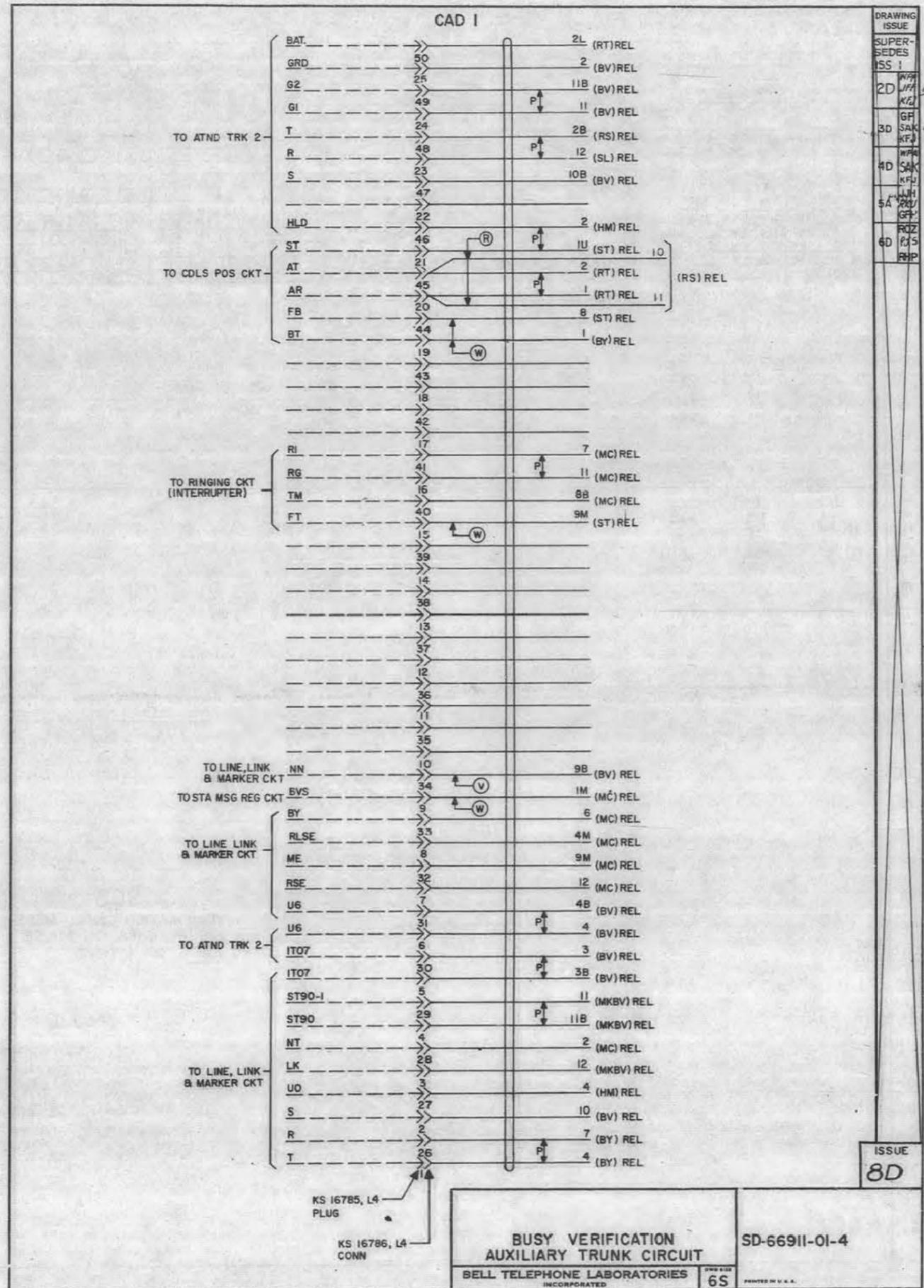
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SD-66911-01-3

CIRCUIT REQUIREMENTS														DRAWING ISSUE				
NO. 756A BUSY VERIFICATION TRUNK CIRCUIT (DIAL VERIF TRK)																		
APPARATUS		MECH REQ			CIRCUIT PREPARATION				DIRECT CURRENT FLOW REQ						REMARKS			
DESIG	CODE	OPT.	FIG.	BSP FIG.	CONT PRES	ARM. TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR	AFTER SOAK MA		TEST MA	READJ MA	
BV	AJ15		1	249			(HM) O		U (BV)	G			O		42.5	40.5		
BVT	1/2 AK35		1	202			3 (BV)						O				MOUNTED WITH MKBV	
BY	AJ15		1	249			(MC) NO		U (BY)	G			O		42.5	40.5		
HM	1/2 AK6		1	2			3 (BV)		IL (HM)	G			O		29	27.5	MOUNTED WITH SL	
MC	AJ56		1	413			4 (MC)		U (MC)	G			O		57	54.5		
MKBV	1/2 AK35		1	202			(HM) O		IU (MKBV)	G			O		12.4	11.8	MOUNTED WITH BVT	
P	1/2 AK8		1	204			5 (MC) 12 (SL) 1 (P)	2L (P)	IL (P)	B/G			O		17	16	MOUNTED WITH ST	
RS	AJ15		1	249			(MC) NO		U (RS)	G			O		42.5	40.5		
RT	AJ58		1	308			7 (MC) (RS) NO	IL (RT)	IU (RT)	B/G	P	O		28	26.5	29.5	26	EM CONTACTS NEED ONLY TO MAKE
									2U (RT)	G	P	NO		20	21.5	19	18	
											S	O						
SL	1/2 AK6		1	2			(RS) O		IU (SL)	G			O		29	27.5	MOUNTED WITH HM	
ST	1/2 AK8		1	204			(HM) O		IU (ST)	G			O		9.1	8.7	MOUNTED WITH P	
													R		1.7	1.8		

DRAWING
ISSUE
SUPER-
SEDES
SS 1

2D
3D
4D
5A
6D



DRAWING
ISSUE
SUPER-
SEDES
SS 1

2D
3D
4D
5A
6D

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