

SHEET INDEX

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4	CIRCUIT REQUIREMENTS TABLE APP FIG. 1 APP FIG. 2

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER	TERM. DESIG
AT	1-1/3	-48V PROTECTED	ATT TRK CKT	
		BATTERY SYMBO: -4E	VOLTAGE RANGE 45-52V	
		20~	75-110V AC; 45-52V DC	

102.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WIRING	QUANTITY
OPERATION WITHOUT PBX ATTENDANT	I	X	1 PER CKT
OPERATION WITH CORDLESS ATTENDANT POSITION NO. 1.	I	W, Y, G	
OPERATION WITH CORDLESS ATTENDANT POSITION NO. 2	I	W, G	
OPERATION WITH CORD SWBD AS ATTENDANT POSITION NO. 1	556A 608A OR D I	1, 2 Z A	
OPERATION OF ATTENDANT TRUNK NO. 2 WITH BUSY VERIFICATION AUXILIARY TRUNK CIRCUIT		F	1 PER PBX

103.

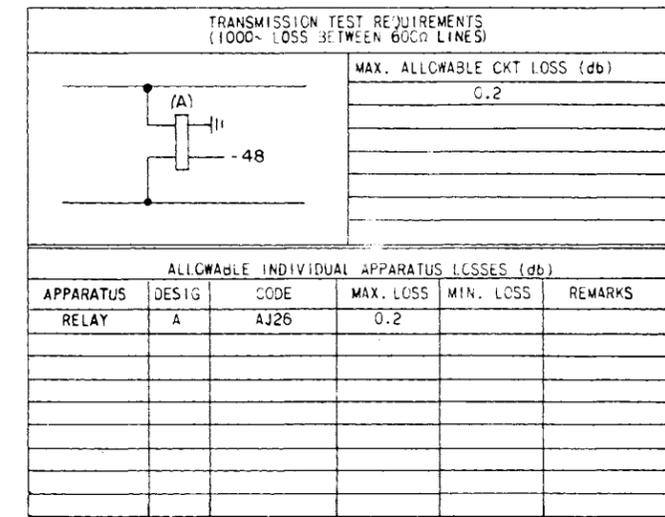
NETWORK VALUES		
NETWORK NO.	RESISTANCE IN OHMS	CAPACITANCE IN UF

104.

RECORD OF APP 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	
8D	N OR Q	Q		N		C	
8D	R OR S	S		R		S	
8D	V OR T	V		T		V	
10D	M	NONE		M			
11B	J OR K	K		J		K	
12B	G OR H	H	102	G		H	
13D	E OR F	E	102	E & F			
14D	A	NONE	102	A			
15D	ZA	ZB		ZA		ZB	

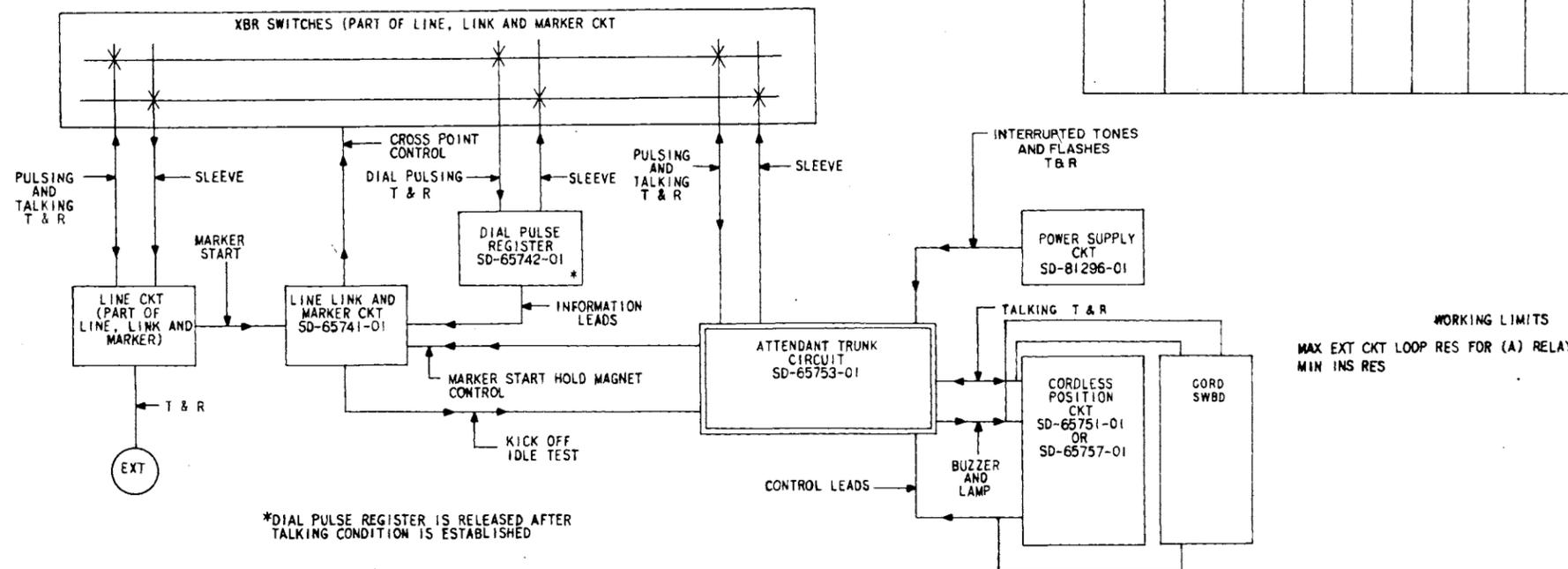
SUPPORTING INFORMATION

CATEGORY	NO.
756A PBX CABLING DIAGRAM	SD-65746-01
EQUIPMENT DRAWINGS	ED-65670-01



INFORMATION NOTES:

301. BLOCK DIAGRAM



OPTION INDEX

APP OR WRG	LOCATION
Z	2B8, 2C9, 2D8, 2F8
Y	2F7, 2F8
X	2C4, 2C5
W	2B4, 2B5, 2C4, 2E3
V	2A8, 2B8
T	2A8
S	2A8, 2A9, 2B9, 2F5
R	2A8, 2A9, 2B9, 2F4, 2F5, 2H5
Q	2D5
N	2D5
M	2H8
K	2A7
J	2A7
H	2C4
G	2D4
F	SHEET 2
E	SHEET 2
A	2B8, 2C8, 2D8, 2F8
ZA	2D4, 2D5, 2D8, 2E3, 2F4, 2H6
ZB	2D5, 2H6

SD-65753-01

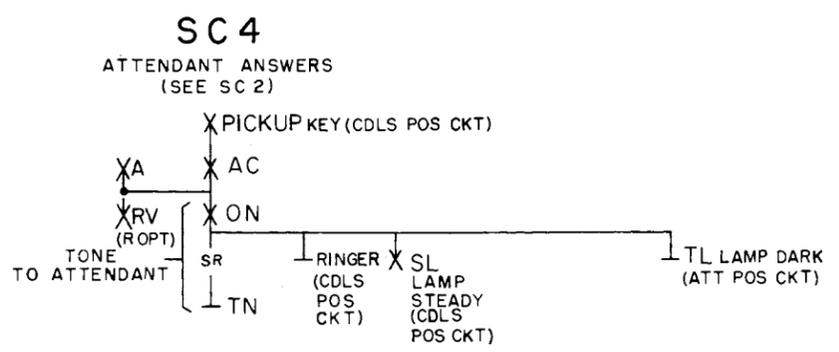
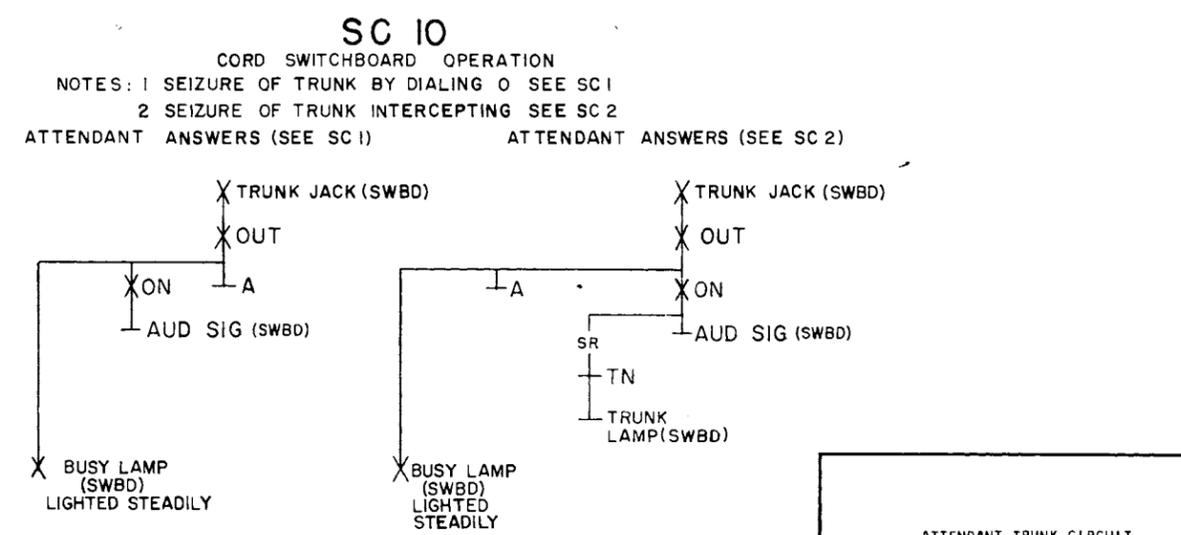
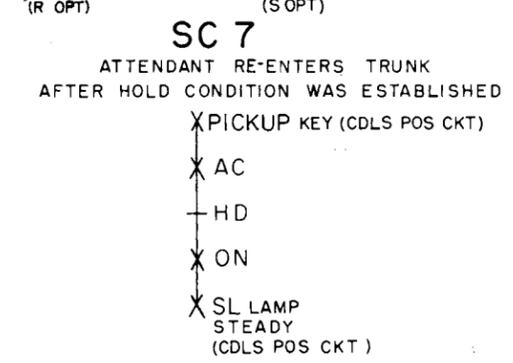
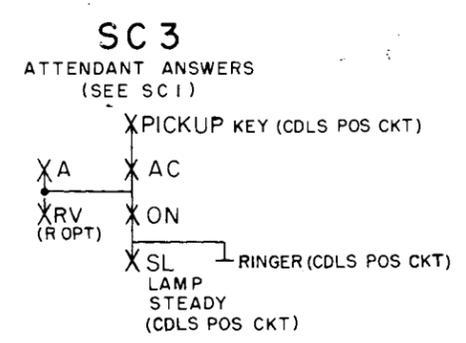
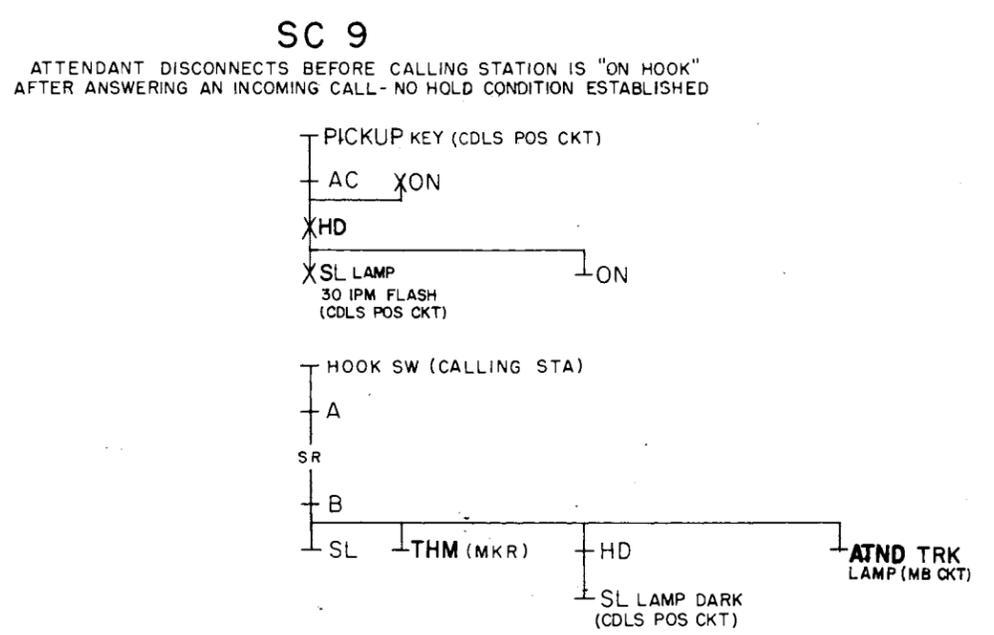
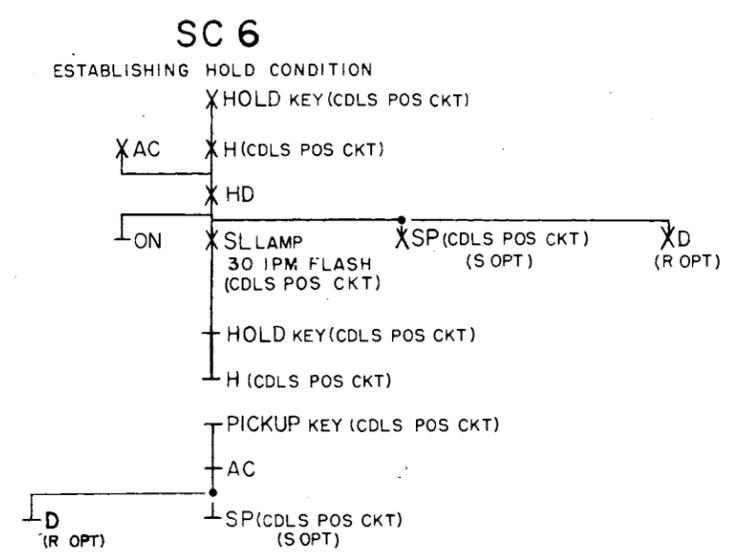
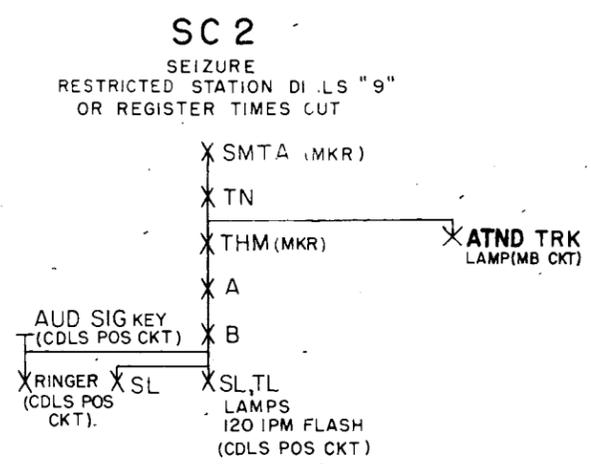
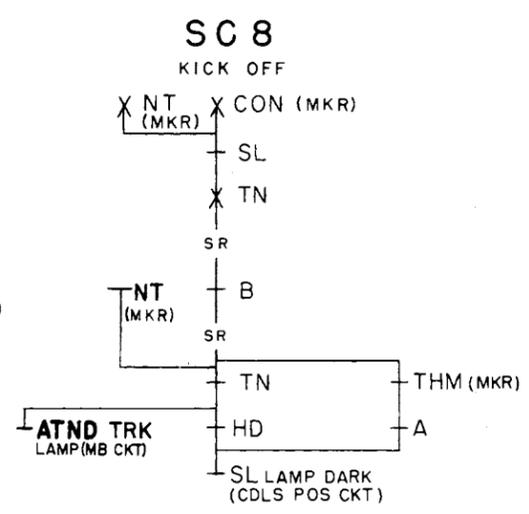
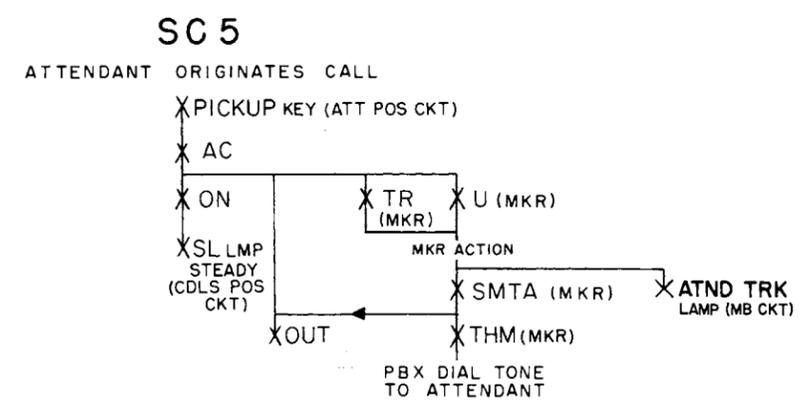
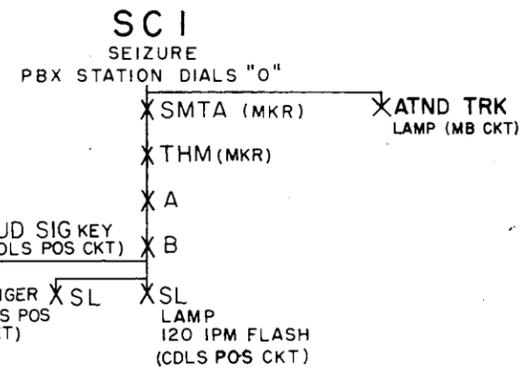
PBX SYSTEMS
NO. 756A
ATTENDANT TRUNK CIRCUIT

BELL TELEPHONE LABORATORIES INCORPORATED

AT&TCO STANDARD 15

SD-65753-01-1
4 SHEETS

65



SD-65753-01-3

DRAWING ISSUE	
1	EDG
2B	AFF
3B	N.C.
4AR	PWM
5A	ER
6B	MS
7D	M.R.
8D	RT
9B	VS
10D	AS
11B	VCC
12B	WH
13D	RGB
14D	SAK
15D	FED

ATTENDANT TRUNK CIRCUIT (2) SD-65753-01-3

BELL TELEPHONE LABORATORIES INCORPORATED

65 PRINTED IN U. S. A.

CIRCUIT REQUIREMENTS
NC. 756A ATTENDANT TRUNK CIRCUIT (ATT TR)

APPARATUS				MECH REQ				CIRCUIT PREPARATION				DIRECT CURRENT FLOW REQ				REMARKS			
DESIG	CODE	OPTION	FIG	BSP FIG	CONT PRESS	ARM TRVL	BLOCK OR INSULATE	TEST CLIP DATA				TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR		AFTER SOAK MA	TEST MA	READ MA
								CONN BAT	CONN GRD										
RELAYS																			
A	AJ26	S	I	55B				1L(A)	2U(A)	M	3	P/S	C			16.5	15.5		
								1L(A)	2U(A)	M	3	P/S	R			7.1	6.8		
A	AJ57	R	I	237				1L(A)	2U(A)	M		F/S	O			20	19		
								1L(A)	2U(A)	M		P/S	R			2.6	2.7		
AC	AG32		I	224B				1U(AC)	GRD	2	2	P	C	FS	18.5	17.5			
								1U(AC)	GRD	2	2	P	NC	FS	8.7	9.2			
								1U(AC)	GRD	2	2	P	H	FS	3.7	3.5			
								1U(AC)	GRD	2	2	P	R	FS	1.7	2			
B	AG7		I	241B				1U(B)	GRD	1	1	P	C	36	17.5	16.5			
								1U(B)	GRD	1	1	P	H	36	3.2	3			
								1U(B)	GRD	1	1	P	R	36	1.6	1.9			
D	1/2AK4	R	I	202				1U(D)	GRD				O		11.9	11.3	MOUNTED WITH (RV)		
HD	AJ5		I	220			12B(AC)	1U(HD)	GRD			P	O		13.2	12.6			
ON	AJ27		I	213			(HD)O	1U(ON)	GRD			P	O		14.9	14.2			
								1U(ON)	GRD			P	NO		8.2	8.6			
OUT	AF9		I	213			(B)O(ON)O	1U(OUT)	GRD			P	O		8.6	8.2			
RV	1/2AK4	R	I	202				1L(RV)	GRD				O		11.9	11.3	MOUNTED WITH (D)		
SL	AF138		I	53B				1L(SL)	BAT			P	O		31.5	30			
								1L(SL)	BAT			P	R		11.9	12.5			
TN	AG21		I	282B				1U(TN)	GRD	1.4	1.4	P	O	100	48.5	46	REQ APPLY TO PRIMARY WITH SEC. WDG. SHORT CIRCUITED		
								1U(TN)	GRD	1.4	1.4	P	H	100	6	5.7			
								1U(TN)	GRD	1.4	1.4	P	R	100	3.9	4.6			

- TEST NOTES:
- BLOCK ASSOCIATED. HOLD MAGNET NON OPERATED.
 - BLOCK ASSOCIATED HOLD MAGNET OPERATED.
 - ARMATURE BACK TENSION MINIMUM 20 GRAMS READJUST, 15 GRAMS TEST.
 - ARMATURE BACK TENSION MAXIMUM 80 GRAMS READJUST, 85 GRAMS TEST.

ATTENDANT TRUNK CIRCUIT SD-65753-01-4
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PAGES/PAGE

APP FIG 1

RELAY

DESIG	A	A	AC	B	D	RV	HD	ON	OUT	DESIG												
CCODE	AJ26	AJ57	AG32	AG7	AK4	AK4	AJ5	AJ27	AF9	CCODE												
OPTICN	S	R			R					OPTICN												
	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	2E3	M	2C3	M	2F4			EMB	2F2	EM	4	EM	2D3				
11					M	2G2	M	2D4	EBM				EBM	2D5								
10	B		M	2	EMB	2H2	EBM	2C2	EBM				EBM	2G9	M	2F3	M	2B2				
9					M	2D2	EMB						EBM	2B3	B	2D4	B	2E3				
8	M	2G4	EBM	2G4	EMB	2D4	EBM	2E2	EMB				EBM	2B7	EBM	2B4	EBM	2A7				
7					B	2H8							EBM	2F8	B	2F3	B	2G2				
6	BM	2G7	EBM	2G7	EMB	2H5	EBM	2F2					EBM	2E2	EMB	2C2	EMB	2B7				
5					M	2F3							EMB	2A8	EBM	2E3	B	2D8				
4	M	2D8	M	2D8	EMB	2B7	EBM	2D4					EMB	2B8	EBM	2G3	EBM	2G8	EBM	2G8		
3					M	2F5	M	2C4					EBM		EBM	2G5						
2					EMB	2A7	M	2B7					EBM		EBM	2B2	M	2E3	M	2E2		
1					M	2C2	M	2A7					M	2H5	EBM	2F5						
COIL		2A9		2A9		2E9		2G4		2G5		2H5		2E4		2B2		2C3		COIL		

RELAY

DESIG	SL	TN						
CODE	AF138	AF138						
OPTION								
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12								
11								
10			M	2F3				
9								
8			EMB	2G5				
7								
6	B	2G2	EMB	2E2				
5								
4			M	2B4				
3								
2			M	2F8				
1								
COIL		2D2		2G4				

CAPACITOR

DESIG	LOC	CODE	DESIG	LOC	CODE
RT	2C4	441U	[1] SL1	2F9	198A
TN	2B4	441K	[1] SL2	2F9	198A
			SL3	2F9	198A
			[1] TL1	2F8	198A
			TL2	2F8	198A

RESISTOR

DESIG	LOC	CODE
[J] C	2A7	KS-15724,L2

APP FIG. 2

JACK

DESIG	LOC	CODE
T	2C9	285A

LAMP

DESIG	LOC	CODE
BL	2F8	K2(RED)
TL	2F8	K2(WHITE)

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