SHEET INDEX

	PRIOR TO ISSUE 85	CURRENT ISSUE	ISSUE NO. 85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
SHEET INDEX SUPPORTING INFORMATION		A1	85	86	87	88	89	90	91	92	93	94	95	96	97												
SHEET INDEX	SEE SHEET INDEX	A2	85	86	87	88	89	90	91	92	93	94	95	96	97												
		A3	85	86	87	88	89	90	91	92	93	94	95	96	97												
-	NOTE 6																										
APPARATUS INDEX		A4	85	86	87	88	89	90	90	90	90	90	95	96	96												
		A5	85	85	85	85	85	90	90	90	93	94	94	96	96												
		A6	85	85	85	85	85	85	91	91	93	93	93	96	96												
		A7	85	85	85	85	85	85	85	85	93	93	93	96	96												
LEAD INDEX		A8	85	86	87	88	88	88	88	88	88	88	88	96	96												
		A9	85	85	85	85	85	90	90	90	90	90	90	90	90												
		A10	85	86	86	86	86	86	86	86	86	86	86	86	86												
		A11	85	85	87	88	88	88	88	88	88	88	88	96	96												
		A12	85	85	85	88	88	90	90	90	90	90	90	90	90												
		A13	85	85	85	88	88	88	88	88	88	88	88	88	88												
		A14	85	86	86	88	89	90	90	90	90	90	90	90	90												
		A15	85	86	87	88	88	90	91	91	93	93	93	96	96												
		A16	85	86	86	88	88	90	90	90	90	90	90	90	90												
		A17	85	85	87	88	88	90	90	92	92	92	92	92	97												
		A18	85	85	85	85	85	85	85	85	85	85	85	95	95												
		A19	85	85	87	88	88	88	88	92	92	94	94	96	96												
		A20	85	85	85	85	85	85	85	85	93	93	93	93	93												
		A21	85	85	85	88	88	90	90	90	90	90	90	90	90												
		A22	85	85	85	85	85	85	85	85	85	85	85	85	85												
OPTION INDEX		A23	85	85	85	85	85	85	85	85	93	93	93	96	96												
		A24	85	86	87	87	87	87	87	87	93	94	94	95	95												
		A25	85	85	87	88	88	90	90	90	93	93	93	96	96												
		A26	85	86	87	88	89	90	90	90	93	94	94	96	97												

CONTENTS	SHEET NO.	ISSUE NO. 85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109

DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE
1	1	2A	2A	3A	3A	4A	3A APP 1A	5A	4A	6B	5B	7AA	5B APP 1AA	8B	5B APP 2B	9AA	6AA				
100	6AA APP 1B	11A	7A	12B	7A APP 1B	13B	8B	14A	8B APP 1A	15B	8B APP 2B	16B	9B	17B	10B	18B	11B				
190	12B	20B	12B APP 1B	21B	13B	22B	14B	23B	14B APP 1B	24B	14B APP 2B	25B	14B APP 3B	26B	16A	27A	15B APP 1B				
280	16B	29B	17B	30B	17B APP 1B	31AA	17B APP 2AA	32B	17B APP 3B	33B	18B APP 1B	34AA	18B APP 2AA	36B	19B						
370	20B	38A	20B APP 1A	39AA	20B APP 2AA	40B	21B	41B	21B APP 1B	42AB	21B APP 2AB	43B	21B APP 3B	44B	21B APP 4B	45B	21B APP 5B				
460C	21B APP 6AC	47B	22B	48B	22B APP 1B	49A	22B APP 2A	50B	22B APP 3B	51A	22B APP 4A	52A	22B APP 5A	53B	22B APP 6B	54B	23B				
55A	23B APP 1A	56B	23B APP 2B	57B	23B APP 3B	58A	23B APP 4A	59B	23B APP 5B	60A	23B APP 6A										
61B	23B APP 7B	62A	23B APP 8A	63A	24A	64B	24A APP 1B	65B	24A APP 2B	66A	24A APP 3A										
67B	25B APP 4B	68A	24A APP 5A	69B	25B	70A	25B APP 1A	71B	25B APP 2B	72A	25B APP 3A										
73B	26B	74A	26B APP 1A	75B	26B APP 2B	76A	26B APP 3A	77A	26B APP 4A	78B	26B APP 5B										
79B	26B 6B	80A	26B APP 6A	81B	26B APP 7B	82A	26B APP 8A	83B	26B APP 1BB	84A	26B APP 1CA										

SHEET INDEX NOTES

1. WHEN CHANGES ARE MADE IN THIS DRAWING, ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.
3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.
6. ON ISSUE 85B THIS DRAWING WAS CHANGED FROM THE ATTACHED TO THE DETACHED CONTACT ARRANGEMENT, INCREASING THE NUMBER OF SHEETS FROM 139 TO 161. ALL PREVIOUSLY ISSUED SHEETS HAVE BEEN REPLACED BY SHEETS INDICATED ON THE ISSUE 85B.
7. ASSOCIATION OF CADS WITH SWITCHBOARD CABLE DETAIL DRAWINGS: CAD NUMBERS IN THE DETACHED ARRANGEMENT CORRESPOND TO THE CROSS CONNECTION FIGURE NUMBERS OF THE FORMER ATTACHED FORM.

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWINGS	ED-26611-01
	ED-92266-14
	J23252Q
	J23252AJ
	J23252U
	J23252BA
	J23252BB
	J23252BE
	J23252BH
	J23252BK
	J23252BQ
	J23252BR
	J23252BS
	J23252BT
	J23252BW
	J23252BY
	J23252CC
	J23252CE
EQUIPMENT DESIGN REQT	J23252

DWG ISSUE	CD ISSUE	DATE ISSUED	DRAWN	APPD
85B	27B	9-1-79	CDI PEC NSC	HRR DAJ ACA
86A	27B APP 1A	2-16-79	CDI LA	HRR DAJ ACA
87B	27B APP 2B	2-16-79	CDI LA	HRR DAJ ACA
88B	27B APP 3B	6-1-79	CDI TT	HRR DAJ ACA
89A	27B APP 4A	3-12-79	CDI KMS	HRR DAJ ACA
90B	27B APP 5B	3-12-79	CDI KMS	HRR DAJ ACA
91B	27B APP 6B	10-16-79	CDI PEC	HRR DAJ RW
92A	27B APP 7A	4-16-80	CDI [illegible]	HRR DAJ RW
93B	27B APP 8B	4-16-80	CDI [illegible]	HRR DAJ RW
94B	27B APP 9B	1-20-81	CDI [illegible]	HRR DAJ RW
95BU	27B APP 10BU	1-20-81	CDI [illegible]	HRR DAJ RW
96B	27B APP 11B	7-29-81	CDI SGA	HRR DAJ RW
97B	27B APP 12B	3/11/83	TSB OEM PVS	HRR DAJ WEJ

ISSUE 97B

REPLACED BY SD-27999-01 FOR ACD

ICO2

CROSSBAR SYSTEMS
NO. 5
MASTER TEST FRAME
JACK, LAMP AND KEY
CIRCUIT
(JE LP KEY) 2

AT&TCO STANDARD

SD-25762-01-A1
163 SHEETS

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SHEET INDEX

CONTENTS	SHEET NO.	ISSUE NO. 85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
FS1 PROGRESS AND IDENTIFICATION LAMPS AND LAMP BATTERY CUTOFF FS2 MISC LAMPS	B1	85	86	86	86	86	86	86	86	93	93	93	96	96												
FS3 ALARM TIME-OUT AND BUSY LAMPS	B2	85	85	85	85	85	90	91	91	93	93	93	93	93												
	B3	85	85	85	85	85	90	90	90	93	93	93	96	96												
	B4	85	85	85	85	85	90	90	90	93	93	93	93	93												
RESERVED	B5																									
FS4 ATTENDED OFFICE AND LAMP-BATTERY CUT-OFF CONTROL	B6	85	85	87	87	87	87	87	87	93	93	93	96	96												
FS5 GUARD LAMPS	B7	85	85	85	85	85	90	90	90	90	90	90	96	96												
FS6 MAKE BUSY AND TRANSFER JACKS	B8	85	85	87	87	87	90	90	90	93	94	94	96	96												
FS7 TEST JACKS	B9	85	85	85	85	85	85	85	85	85	85	85	85	85												
	B10	85	85	85	85	85	85	85	85	85	85	95	95	95												
FS8 MISC MAKE BUSY AND TEST JACKS	B11	85	85	85	88	88	88	88	88	88	88	88	88	88												
FS9 PULL KEYS FS10 ALARM RELEASE KEYS	B12	85	85	85	85	85	85	85	85	91	93	93	93	93												
FS11 KEYS	B13	85	86	86	88	88	88	88	88	88	88	88	96	96												
FS12 MISC KEYS	B14	85	86	86	86	89	89	89	89	89	89	89	89	89												
FS13 MISC RELAYS	B15	85	86	87	87	89	90	90	90	93	93	93	96	97												
	B16	85	85	85	85	85	85	85	85	85	85	85	85	85												
FS14 TROUBLE RECORDER REQUEST ALARM TONE SIGNAL RELAYS	B17	85	86	87	88	89	90	90	90	93	93	93	93	97												
FS15 LK LEADS AND TONE RELAYS	B18	85	86	87	88	89	90	90	90	90	90	90	90	90												
FS16 ALARM AND TONE RELAYS	B19	85	86	86	86	89	90	90	90	90	90	90	96	96												
FS17 MARKER ROUTE TRANSFER	B20	85	85	85	88	88	88	88	88	93	93	93	94	94												
FS18 DYNAMIC OVERLOAD CONTROL	B21	85	85	85	85	85	85	85	85	93	93	93	96	96												
FS19 MONITOR AND RELEASE FOR THE OVERFLOW TRUNKS FOR USE WITH EXPANDED PERMANENT SIGNAL ROUTING FS20 AUTOMATIC STUCK, CUT-THROUGH SENDERS	B22	85	85	85	85	85	90	90	90	90	90	90	90	90												
FS21 AUTOMATIC CALL DISTRIBUTION CLOSE DOWN TRUNK MAKE BUSY CONTROL CKT	B23	85	85	85	85	85	85	85	85	85	85	85	85	85												
FS22 BILLING DATA TRANSMITTER ALARM CONTROL FOR USE WITH ALARM SENDING OR INTERFACE AND CONTROL CKT FS23 OFFICE TEST FRAME	B24	85	85	87	87	89	90	90	92	92	92	92	92	92												
FS24 WIDEBAND AND BIT-STREAM SERVICE	B25	85	85	85	85	85	85	85	85	85	85	85	85	85												
	B26	85	85	85	85	85	85	85	85	85	85	85	85	85												
	B27	85	85	85	85	85	85	85	85	85	85	85	85	85												
	B28	85	85	85	85	85	85	85	85	85	85	85	85	85												
	B29	85	85	85	85	85	85	85	85	85	85	85	85	85												
FS25 ALARMS NO AC VOLTAGE AND TIME OUT	B30	85	85	85	85	85	85	85	85	85	85	85	85	85												
SHEET CANCELLED ON ISSUE 86A	B31																									

CONTENTS	SHEET NO.	ISSUE NO. 85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
APP FIG. 1-5	C1	85	85	85	85	85	85	91	91	93	93	93	93													
APP FIG. 6-13	C2	85	85	85	85	85	85	85	85	85	85	85	85													
APP FIG. 14-18	C3	85	85	85	85	85	85	85	85	85	85	85	85													
APP FIG. 19-21	C4	85	85	85	85	85	85	85	85	93	93	95	96	96												
APP FIG. 22-26	C5	85	85	87	88	89	88	88	88	88	88	88	88	88												
APP FIG. 27-32	C6	85	85	85	85	89	90	90	90	90	90	90	90	90												
APP FIG. 33,34,36,37	C7	85	85	85	85	85	85	85	85	85	85	85	85													
APP FIG. 38-43	C8	85	85	87	87	87	87	87	87	93	93	93	96	96												
APP FIG. 44-48	C9	85	85	85	88	88	88	88	88	88	89	88	88	88												
APP FIG. 49, 50	C10	85	86	86	88	89	90	90	90	93	93	93	93	93												
APP FIG. 151-159	C11	85	85	85	85	85	85	85	85	85	85	85	85	85												
APP FIG. 160-167	C12	85	85	85	85	85	85	85	85	85	85	85	85	96												
APP FIG. 168-174	C13	85	85	87	87	87	87	87	87	93	93	93	93	93												
APP FIG. 175-181	C14	85	85	85	88	89	88	88	88	88	89	96	96	96												
APP FIG. 182-187	C15	85	85	85	85	89	85	85	85	85	85	96	96	96												
APP FIG. 188-191	C16	85	85	85	85	85	85	85	85	85	85	96	96	96												
APP FIG. 192-195	C17	85	85	85	85	85	85	91	91	91	91	91	91	91												
APP FIG. 196, 197, 199-205	C18	85	85	85	85	85	85	85	85	93	93	93	93	93												
APP FIG. 206, 208-213	C19	85	85	85	85	85	85	85	85	85	85	85	85	85												
APP FIG. 214-220	C20	85	85	87	87	87	87	91	91	91	91	91	91	91												
APP FIG. 221-229	C21	85	85	85	85	85	85	85	85	85	85	85	85	85												
APP FIG. 230-234	C22	85	85	85	85	85	85	85	85	85	85	85	85	85												
APP FIG. 235-237	C23	85	85	85	85	85	85	85	85	85	85	85	85	85												
APP FIG. 238-243, 246	C24	85	85	85	85	85	85	85	85	85	85	96	96	96												
APP FIG. 247-249, 350-352	C25	85	85	85	85	85	85	85	93	93	93	93	93	93												
APP FIG. 353-359	C26	85	85	87	87	87	87	87	87	87	87	87	87	97												
APP FIG. 360-366	C27	85	85	87	87	87	87	87	87	87	87	87	87	87												
APP FIG. 367-375	C28	85	85	87	87	87	87	87	87	93	93	96	96	96												
APP FIG. 376-383	C29	85	85	87	87	89	87	87	87	87	87	87	87	87												
APP FIG. 384	C30	85	85	87	87	89	87	87	87	93	93	93	93	93												
APP FIG. 385-391	C31	85	85	87	87	87	87	87	87	93	93	93	93	93												
APP FIG. 392-395	C32	85	85	87	87	87	87	87	87	87	87	87	87	87												
APP FIG. 396-403	C33	85	85	85	85	85	85	91	91	91	91	91	91	91												
APP FIG. 404-406, 408-411	C34	85	85	87	87	87	87	87	87	87	87	87	87	87												
APP FIG. 412-415	C35	85	85	87	87	87	87	87	87	93	93	93	93	93												
APP FIG. 416-422	C36	85	85	85	85	85	85	91	91	91	91	91	91	91												
APP FIG. 423-425	C37	85	85	85	85	85	90	90	90	90	90	90	90	90												
APP FIG. 426-431	C38	85	86	87	88	89	90	91	92	92	92	92	96	96												
APP FIG. 432-436	C39	85	86	86	86	86	86	86	86	86	86	86	86	86												
APP FIG. 438, 439, 440, 441	C40		86	87	88	89	90	90	90	90	94	95	96	96												

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 97B

BELL LABORATORIES | SD-25762-01- | A2

SHEET INDEX

CONTENTS	SHEET NO.	ISSUE NO. 85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
RESERVED	D1																									
CIRCUIT NOTE 101, WORKING LIMITS	D2	85	85	87	87	87	90	90	90	90	94	95	95	95												
CIRCUIT NOTE 102	D3	85	86	87	87	87	90	30	90	90	90	90	96	96												
	D4	85	85	87	88	88	90	90	90	93	94	94	96	37												
	D5	85	86	87	88	89	90	90	90	93	94	94	96	96												
	D6										94	95	95	95												
CIRCUIT NOTE 102A	D7	85	85	85	85	85	85	85	95	85	85	85	85	85												
CIRCUIT NOTE 103	D8	85	85	87	87	87	87	87	87	87	87	87	87	87												
	D9	85	85	85	85	85	90	90	90	93	93	93	93	93												
CIRCUIT NOTE 106	D10	85	85	85	85	85	35	85	85	93	93	93	93	93												
CIRCUIT NOTES 107,108	D11	85	86	87	88	89	90	90	90	93	94	95	96	97												
CIRCUIT NOTES 109-133	D12	85	85	87	87	87	87	87	87	87	87	87	87	87												
CIRCUIT NOTES 134-183	D13	85	85	87	88	88	88	88	88	93	94	94	94	94												
CIRCUIT NOTES 184-193	D14	85	86	87	88	89	90	90	90	93	94	94	96	97												
RESERVED	D15																									
EQUIPMENT NOTES 201-209	D16	85	85	85	85	85	90	90	90	90	90	90	90	90												
EQUIPMENT NOTES 210-217	D17	85	85	85	85	85	90	90	90	90	90	90	90	90												
EQUIPMENT NOTES 218	D18	85	85	85	85	85	85	85	35	93	93	93	96	96												
EQUIPMENT NOTES 219-234	D19	85	85	85	85	85	85	91	91	93	93	93	93	93												
INFORMATION NOTES	D20	85	85	85	85	85	90	90	90	90	90	90	90	90												
CROSS CONNECTION NOTES 401,402	D21	85	85	85	85	85	85	85	85	93	93	93	93	93												
CIRCUIT REQ'T TABLES	F1	85	86	87	87	89	39	89	89	89	89	89	89	89												
	F2	85	86	86	86	86	90	90	90	90	90	90	90	90												
	F3	85	86	86	86	86	86	86	86	86	86	86	86	86												

CONTENTS	SHEET NO.	ISSUE NO. 85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
CAD 51-54	G1	85	86	87	87	87	87	87	87	87	87	87	96	96												
CAD 55-58	G2	85	85	87	87	87	87	87	87	87	87	87	87	87												
CAD 59-67	G3	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 68-72	G4	85	86	86	86	86	90	90	92	93	93	93	93	93												
CAD 73-83	G5	85	86	86	86	86	90	90	90	90	90	90	90	90												
CAD 84-89	G6	85	85	87	87	87	87	87	87	87	87	87	87	87												
CAD 90	G7	85	86	87	87	87	90	90	92	92	92	92	92	92												
CAD 91-97	G8	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 98-108	G9	85	86	86	86	86	86	86	86	86	86	86	86	86												
CAD 109-120	G10	85	85	85	88	88	88	88	88	93	93	93	93	93												
CAD 121	G11	85	86	87	87	87	90	90	92	92	92	92	92	92												
CAD 122,123	G12	85	86	86	86	86	90	90	90	90	90	90	90	90												
CAD 126	G13	85	86	86	86	86	90	90	90	90	90	90	90	90												
CAD 127-132	G14	85	85	85	85	85	90	90	90	90	90	90	90	90												
CAD 133	G15	85	86	87	87	87	90	90	92	93	93	93	96	96												
	G16	85	86	86	86	86	86	86	86	93	92	93	93	93												
CAD 134	G17	95	86	86	86	86	90	90	90	93	93	95	96	97												
	G18	85	86	87	87	87	90	90	90	90	90	90	96	97												
	G19	85	85	87	87	87	90	90	90	90	90	90	90	90												
CAD 135	G20	85	85	85	85	85	90	90	92	92	92	92	92	92												
CAD 136,137	G21	85	85	85	85	89	89	89	89	89	89	89	96	97												
CAD 138-150	G22	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 250-253																										
CAD 255,256																										
CAD 254,258,259	G23	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 260	G24	85	86	86	86	86	86	86	86	86	86	86	86	86												
CAD 261	G25	85	85	85	85	85	90	90	90	90	90	90	90	90												
CAD 262	G26	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 263-268	G27	85	85	85	88	88	88	88	88	88	88	88	88	88												
CAD 269-274	G28	85	85	85	85	85	90	90	90	90	90	90	90	90												
CAD 275-286	G29	85	86	86	86	86	86	91	91	93	93	93	93	93												
CAD 287-298	G30	85	85	85	88	88	88	88	88	88	88	88	88	88												
CAD 299-306	G31	85	85	85	85	85	90	90	90	90	90	90	90	90												
CAD 307-309	G32	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 310-317	G33	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 318-321	G34	85	85	85	85	85	85	35	85	85	85	85	85	85												
CAD 322-324	G35	85	86	86	86	86	86	86	86	86	86	86	86	97												
CAD 325-327	G36	85	85	85	85	85	85	85	85	93	93	93	93	93												
CAD 328-336	G37	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 337-340	G38	85	86	86	86	86	86	26	86	86	86	86	86	86												
CAD 341, 342	G39	15	85	85	85	85	90	90	90	90	90	90	90	90												
CAD 343	G40	85	85	85	85	85	85	85	85	85	85	85	85	85												
	G41	85	85	85	85	85	85	85	85	85	94	94	96	96												
CAD 344,345																										
CAD 346	G42	85	85	85	85	85	85	85	85	85	85	85	85	85												
CAD 347-349	G43	85	86	87	87	89	90	90	92	92	92	92	96	96												
CAD 350-353	G44	85	86	87	87	89	90	90	92	92	92	92	92	92												
CAD 354-356	G45	85	86	87	87	87	90	90	90	93	93	93	93	93												

MASTER TEST FRAME JACK, LAMP AND KEY	DWG SIZE 6S	ISSUE 97B
BELL LABORATORIES	SD-25762-01-	A3

CBL-142(10-75)

APPARATUS INDEX

RELAYS

DESIG	LOCATION FS	APP FIG	EQPT ***
A1,3,5	6A2	189	45
A2,4	6B2	189	45
AAC	17C9	438	RR7
ACI	28E1	384	RR2
ACV	30A5	34	37
ACVA	30A5	34	RR1
ACVI	30D2	34	37
ACVIA	30D2	34	RR1
AN	15C4	213	52+
ANM	15B4	213	52+
ANP	15A4	213	52+
ANR	15E3	214	52+
AR	19D3	170	43
B	6B2	189	45
BAT	1B1	4	2
BCP1	15C6	248	"SFL" JOB LOC
BCP2	15C6	248	
BCP3	15D6	248	
BDMJ1	24F1	431	RR5
BDMJ2	24E1	431	RR5
BDMJ2'	24C1	431	RR5
BG-	16C8	158	43,44 RR1,RR5
BOTL	25F0	393	35
BSS	25E0	393	35
CC-AR	16E5	193	45
CCT	15D1	21	39
CCTA	15D1	21	RR1
CGAT-	15H3	379	RR9
CGT	15A1	21	39
CGT N PBX	15A1	21	39
CGT PBX	15C1	21	39
CLI	19E1	226	52+
CLPT	15C1	21	39
CLR	15F6	168	39
CMBA	16H5	220	52+
CORD	25B8	395	39
CORD	26D0	362	39
CORD 1	28D7	384	RR2
CTRO-11	22B7	371	RR10
DLA	30B8	32	36
DLB	18C3	226	37
FG	23D8	235	BE-36
FUG	23D8	235	BE-36
IDR1	22G6	369	53+
IDR1A	22G6	369	53+
IDR2	22G6	369	53+
IDR2A	22G6	369	53+
INFR	16D1	231	52+
IPRA	16A1	218	52+
MB1	24E8	194	44
MB1	24E8	200	44
MDI	16C1	406	35
MJ	17B5	26	37
MJA	17B5	439	RR7
MN	17B6	26	37
MN1	17C7	26	37
MN1A	17B6	439	RR7
MN2	17B0	26	37
MN2A	17B1	439	RR7
MNA	17B6	439	RR7
MON	22G2	425	RR13
MUD	16E1	206	62+
NDX0-4	23A1	417	RR11
NDX0-4	23D3	422	RR11
NMF	20G5	432	53+
ON	28B7	384	RR2
ON1	28E5	384	RR2
PCNV	30E4	159	42,45
PSR	16A5	43	2
PSR	16C5	424	2
PU	16E8	41	36
PU1	16E8	41	36
PU2	16F8	41	36
RC	28F5	384	RR2
RCDA	15F7	427	35
RCDR	6F3	50	42
RCVA	25E8	412	RR4
RCVB	28E3	384	RR2
RLS	22B0	425	RR13
RLS1	22D0	425	RR13
RLSA	22H2	425	RR13
RPF	24G6	431	
RPF'	24B6	431	
RST	28F1	384	RR2
RT0-4	20B4	23	40
RT(0'-4')	20C4	44	40
RT0-9	20D4	243	40
RT(0'-9')	20E4	247	RR1
RTC0-4	20B1	25	39
RTC5-9	20F1	246	47
RTCA00,02, 04...18	21B6	398	RR3
RTCA01,03, 05...19	21C6	398	RR3
RTCB00,02, 04...18	21C6	402	RR3
RTCB01,03, 05...19	21D6	402	RR3
RTCX	21C3	396	RR3
RTT	21A1	396	RR3
RTX00-10	21E3	399	RR3
RTX11	21D3	399	RR3
RV	28C7	384	RR2
SNDA	25F8	412	RR4
SNDB	28F3	384	RR2
T1	17B3	49	41
T2	17D8	49	41
T3	17D7	49	41
T4	17B4	49	41
T5	17B4	49	41
T6	17B4	49	41
T7	17B4	49	41
T8	17B4	49	41
T9	17B4	49	41
T11	17B3	49	41
T12	17B1	49	41
T14	17B2	49	42
T15	17B2	49	42
T16	17B2	49	42
T17	17B2	49	42
T18	17B2	49	42
T19	17B2	49	42
TLA	22B3	425	RR13
TLB	22G0	425	RR13
TLC	22H0	425	RR13
TLD	22H0	425	RR13
TOA	30C7	32	36
TOTL	25F0	393	39
TOTL	25G5	360	39
TR	19D1	405	52+
TR1	20G2	429	RR6
TR2,3,4	20H2	433	RR3
TRA	16A8	181	45
TRL	16A8	181	45
TST	23A7	235	BE-2
TSTI	23C8	235	BE-36
UN0-3	6C2	5	2
UN3A	6C2	5	44
UN3B	6C2	5	35
UN4	6D2	42	2
UN5	6D2	162	2
UN6-14	6D2	164	38
UN14A	6D2	164	44
UN15	6E2	169	44
UN15A	6E2	169	36
UN16	6F2	427	35
UN17	6F2	430	35
W	19B3	26	37
Z	19A3	26	37

AMPLIFIERS

DESIG	LOCATION FS	APP FIG	EQPT ***
101T	26C6	412	RR4
WB AUX	28B4	384	RR2

CAPACITORS

DESIG	LOCATION FS	APP FIG	EQPT ***
ACV	30B2	34	37
ACVA	30B2	34	RR1
AR	19D2	170	43
BO	11D4	195	53+
BOI	11F4	196	53+
CTL	11D8	436	BE-
CTLI	11E8	436	BE-
DL	30C9	32	36
DLA	30D9	32	36
PSCR	2888	384	RR2
PSCT	2888	384	RR2
T	11E4	196	53+

COMPONENT ASSEMBLIES

DESIG	LOCATION FS	APP FIG	EQPT ***
101A	SEE APP FIG.	412	RR4
101B		412	RR4
101T1		412	RR4
101T2		412	RR4
ACV		34	37
ACVI		34	RR1
JA		49	RR14
JB		49	RR14
JC		49	RR14
MCA-		401	RR3
MCB-		401	RR3
NA		49	RR14
NB		49	RR14
NC		49	RR14
NDX-		422	RR11
NV		159	42,45
OTL		360,393	39
T-		418	RR11
TA		49	RR14
TST		359,392	39
TTI		358,391	39
TTO		358,391	39
WB AUX A		384	RR2
WB AUX B		384	RR2
WB AUX T1		384	RR2
WB AUX T2		384	RR2

CONNECTORS

DESIG	LOCATION FS	APP FIG	EQPT ***
TST	28D9	384	RR2

DIODES

DESIG	LOCATION FS	APP FIG	EQPT ***
A	30B3,D3	34	(ACV)
AA	30B3	34	(ACVI)
B	30B3,C3	34	(ACV)
BA	30B3	34	(ACVI)
C	30B4,D3	34	(ACV)
CA	30B4	34	(ACVI)
CLI	19F1	49	(TA)
D	30B4,C3	34	(ACV)
D1	15E6	214	
D2	15E6	214	
D-(00-19)	21E1	401	(MCA)
DI(00-19)	21D1	401	(MCB)
DA	30B4	34	(ACVI)
MB0-3	24D8	194	4L
MB4	24C8	194	4L
MB5	24C8	194	4L
MB6	24B8	194	4L
MB7	24B8	194	4L
MJ0	17E4	49	(JA)
MJ1	17E4	49	(JA)
MJ2	17E4	49	(JB)
MJ3	17E4	49	(JB)
MJ4	17E4	49	(JC)
MJ5	17E4	49	(JC)
MJ6	17E4	49	(JA)
MJ7	17E4	49	(JA)
MJ8	17E4	49	(JB)
MJ9	17E4	49	(JB)
MJ10	17E4	49	(JC)
MJ11	17E4	49	(JC)
MJ12	17E4	49	(JA)
MJ13	17E4	49	(JA)
MJ14	17E4	49	(JB)
MJ15	17E4	49	(JB)
MJ16	17E4	49	(JC)
MJ17	17E4	49	(JC)
MN0	17E2	49	(NA)
MN1	17E2	49	(NA)
MN2	17E2	49	(NB)
MN3	17E2	49	(NB)
MN4	17E2	49	(NC)
MN5	17E2	49	(NC)
MN6	17E2	49	(NA)
MN7	17E2	49	(NA)
MN8	17E2	49	(NB)
MN9	17E2	49	(NB)
MN10	17E2	49	(NC)
MN11	17E2	49	(NC)
MN12	17E2	49	(NA)
MN13	17E2	49	(NA)
MN14	17E2	49	(NB)
MN15	17E2	49	(NB)
MN16	17E2	49	(NC)
MN17	17E2	49	(NC)

DIODES

DESIG	LOCATION FS	APP FIG	EQPT ***
NDAX0-4	23D0	422	(NDX-)
NDBX0-4	23D1	422	(NDX-)
NDCX0-4	23D1	422	(NDX-)
NDDX0-4	23D2	422	(NDX-)
NV1	30E2	159	(NV)
NV2	30F2	159	(NV)
NV3	30F2	159	(NV)
NV4	30E2	159	(NV)
RF0-2	24G6	431	
RF3,4	24B6	431	
T(00-23)A-E	23B4-D4	418	(T-)
T2A	18E7	49	(TA)
T2B	18E7	49	(TA)
T3A	18E8	49	(TA)
T3B	18E8	49	(TA)
TJ0	17E4	49	(JA)
TJ1	17E4	49	(JA)
TJ2	17E4	49	(JB)
TJ3	17E4	49	(JB)
TJ4	17E4	49	(JC)
TJ5	17E4	49	(JC)
TJ6	17E4	49	(JA)
TJ7	17E4	49	(JA)
TJ8	17E4	49	(JB)
TJ9	17E4	49	(JB)
TN0	17E2	49	(NA)
TN1	17E2	49	(NA)
TN2	17E2	49	(NB)
TN3	17E2	49	(NB)
TN4	17E2	49	(NC)
TN5	17E2	49	(NC)
TN6	17E2	49	(NA)
TN7	17E2	49	(NA)
TN8	17E2	49	(NB)
TN9	17E2	49	(NB)

DIODE, LIGHT EMITTING (SEE NOTE 193)

DESIG	LOCATION FS	APP FIG	EQPT ***
TL-PC00-19	4A6	425	

INDUCTORS

DESIG	LOCATION FS	APP FIG	EQPT ***
B	11F2	166	52
H	11D3	195	53+
O	11G2	166	52
ON	28B6	384	RR2

JACKS

DESIG	LOCATION FS	APP FIG	EQPT ***
101 AUD	26D0	362	19L
101 AUD	26B0	395	19L
101 RCV	27H0	362	19L
101 RCV	25B7	395	19L
101 T GEN	26C4	412	19L
101 T MTR	26C7	412	19L
101 TRMT	25A7	395	19L
101 TRMT	27H0	362	19L

JACKS

DESIG	LOCATION FS	APP FIG	EQPT ***
A	9D0	156	MOGTT
AAT MB	8A0	215	19R
AAT TST	8A0	215	19R
ACDC	10A0	441	
ACT	9B0	211	19R
ADA	29C1	222	19R
ADB	29F1	222	19R
ADC	2905	229	19R
ADD	29F5	229	19R
AIODT MB	8A0	201	19L
AMAT MB	8A0	30	19L
ANN-ACO	19D8	419	BE-19L
AT-MB	8A0	216	4R
AT-TST	9A0	216	4R
ANS	27H4	364	19L
B	9D0	156	MOGTT
BIMB	8A0	171	19L
BSR	8A0	47	19L
CAMA/CNTX	9B0	175	19R
CC MB	8A0	216	19R
CC-TST	9A0	216	19R
CCTTI-6	9C0	217	19R
CDC	8A0	350	4R
CNSL RCV	26G0	404	19L
CNSL TRMT	26G0	404	19L
CRO-3	9A0	192	19L
CTL	11D7	436	19L
CTLI	11E7	436	19L
CTTLI AUD	27C7	388	19L
CTTLI RCV	27B7	388	19L
CTTLI TRMT	27A7	388	19L
CTTL2 AUD	27D7	388	19L
CTTL2 RCV	27D7	388	19L
CTTL2 TRMT	27C7	388	19L

JACKS

DESIG	LOCATION FS	APP FIG	EQPT ***
CTVCMB	8A0	9	A4R
CTVMB	8A0	27	19L
CVP2B RCV	26G3	410	19L
CVP2B TRMT	26G3	410	19L
CWL MB	8A0	380	4R
DAPC	1185	221	19L
DL	9B0	197	19R
DL	9C0	378	19R
DRMB	8A0	10	A4C&R
DRMCMB	8A0	9	A4C&R
EDL	11F7	377	19R
EXT AUD (1,2)	26F0	382	19L
EXT AUD (1,2)	26F5	383	RR2
EXT RCV (1,2)	26E0	382	19L
EXT RCV (1,2)	26E5	383	RR2
EXT TRMT (1,2)	26E0	382	19L
EXT TRMT (1,2)	26E5	383	RR2
FAT MB	8A0	161	19L
IB	8A0	172	4L
IDMB	8A0	205	19R
IRMB	8A0	11	A4L
IRMCMB	8A0	9	A4C&R
L	9A0,F0	16	4L
LLMCMB	8A0	9	A4R
LTD	9B0	15	4R
LTM T1	11E5	234	19R
LTM T2	11E5	234	19R

*** ALL EQUIPMENT LOCATIONS ARE FOR MASTER TEST FRAME JACK BAY POSITION NO EXCEPT WHEN MARKED:

(1) M(L)__(L)
M(L)__(C)
M(R)__(R)

- LEFT, CENTER, OR RIGHT SEGMENT OF JK,LP,& KEY PANEL
- FRAME POSITION NO
- LEFT OR RIGHT BAY
- MASTER TEST FRAME CONTROL BAY

(2) A__(L,C, OR R)

- LEFT, CENTER, OR RIGHT SEGMENT OF JK,LP,& KEY PANEL
- FRAME POSITION NO
- MASTER TEST FRAME AUXILIARY CONTROL BAY

(3) ENTRY IN "EQPT" COLUMN, SUCH AS "(ACV)" INDICATES DESIGNATION OF COMPONENT ASSEMBLY THAT PROVIDES MOUNTING FOR THE INDICATED APPARATUS

(4) RELAY RACK MOUNTED EQUIPMENT;

RR1
RR2

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 96B

BELL LABORATORIES | SD-25762-01- | A4

6-7600-610-700 PRINTED IN U.S.A.

APPARATUS INDEX

JACKS

DESIG	LOCATION FS	APP FIG	EQPT ***
MB	11B8	14	4R
~~MB~~	~~6A0~~	19	19R
MB	980	28	19R
MB	8A0	28	19R
MB	8A0	38	4L
MB	9C0	156	MOGTT
~~MB~~	8A0	233	4R,19R
MB	11C8	352	BE
MB	11C5	174	4R
MB1(0-9)	24E8,E9	194,200	4L
MB1RO-3	24D9	194	4L
MB2 OR	24B9	194	4L
MB2 IR	24C9	194	4L
MB2 SOR	24B9	194	4L
MB2 TRK	24C9	194	4L
MB2 TRK	9A0	200	4L
M-C-MB	8A0	8	19L
M-D-MB	8A0	8	19L
MDT MB	8A0	434	19L
MLPP MTG	11G3	375	19R
MMB	8A0	8	19L
MON	22F2	425	RR13
MON	9A0	357	19R
NDO-4	23A1	417	BE
NMAC	19D8	432	
NMMBO-1	8A0	173	19L
NT	8A0	356	
ORMB	8A0	10	A4C&R
ORMCMB	8A0	9	A4C&R
OTL	980	197	4R
OTL AUD	9C0	360	19L
OTL AUD	25D0	393	19L
OTL RCV	25F4	360	19L
OTL RCV	25C0	393	19L
OTL TRMT	25E4	360	19L
OTL TRMT	25A0	393	19L
PBXTT	980	223	4L
PCVA	30E3,F1,F3	159	42,45
PRTCMB	8A0	9	19L
PRTMB	8A0	45	4L,19L
PSC-RC	28F0,F4	384	RR2
PSCMB	8A0	29	19L
PTMB	8A0	227	BE
PTT	980	228	BE
R	980	31	4L
RC	980	156	MOGTT
RC-AR AM	9A0	39	
RC-AR M	9A0	39	
RC-AR MT	9A0	39	
RC-AR PR	9A0	39	
RC-AR R	9A0	39	
RC-AR SP	9A0	39	
RC-AR TV	9A0	39	
RCA	29C1	222	4R
RCB	29E1	222	4R
RCC	29C5	229	4R
RCD	29F5	229	4R
RECO-9	9A0	426	
RL MB-	8A0	363	19L
ROTC MB	8A0	238	19L
ROTL MB	8A0	238	19L
ROTL MMB	8A0	440	19L
ROTL TL (1-3)MB	8A0	415	19L
ROTL TMB	8A0	416	19L
~~RO~~			
ROTMB MB	8A0	239	19L
RPLMB	11A5	187	19R
RTO-4	20C1	24,249	4R
RT5-9	20F1	249	4R
RTCMB	8A0	351	19R
RTMB	8A0	351	19R
SCMB	8A0	9	A4C&R
SDT	9B0	160	
SEND IMW	9B0	151	
SGC MCIF	9A0	408	BE
SGC SMB-	8A0	408	BE
STT	11C2	195	4L
T	980	156	MOGTT
T	11C5	174	
T	11A7	14	4R
T	9A0	12	4L
T	9A0	13	19R
T1	980	202	
T2	9B0	202	
TFRMB	8A0	204	A4L
TLLMCMB	8A0	9	A4C
TM	980	197	
TM	9E0	179	
TM	9E0	241	
TM1	11A0	191	19R
TM2	11B0	191	19R
TM3	10C0	212	
TM3	11B0	421	
TM4	11C0	219	19R
TMW	11E3	196	19R
TN	8A0	28	
TR	8A0	390	BB&BY
TRA	29B1	222	19R
TRB	29E1	222	19R
TRC	29B5	229	19R
TRD	29E5	229	19R
TRIC MB	8A0	210	19R
TRK TST1	10F0	186	19R
TRK TST2	10F0	186	19R
TRMB-ACD	8A0	33	BB&BY
TRMB-AM	8A0	33	BB&BY
TRMB-BC	8A0	33	BB&BY
TRMB-CM	8A0	33	BB&BY
TRMB-CTV	8A0	33	BB&BY
TRMB-DTM	8A0	33	BB&BY
TRMB-EMR	8A0	33	BB&BY
TRMB-LC	8A0	33	19L
TRMB-M	8A0	33	BB&BY
TRMB-MT	8A0	33	BB&BY
TRMB-MTE	8A0	33	BB&BY
TRMB-MTO	8A0	33	BB&BY
TRMB-PRT	8A0	33	BB&BY
TRMB-R	8A0	33	BB&BY
TRMB-RTU	8A0	33	BB&BY
TRMB-SC	8A0	33	BB&BY
TRMB-TC	8A0	33	BB&BY
TRMB-TV	8A0	33	BB&BY
TRMCMB	8A0	9	A4C
TRMSLMB	8A0	30	
TRR-AR	19A4	40	BB&BY
TST	10A0,80	28	19R
TST	23A6	235	
TST AUD	27G0	392	19L
TST AUD	27G4	359	19L
TST RCV	27F4	359	19L
TST RCV	27F0	392	19L
TST TRMT	27E0	392	19L
TST TRMT	27E4	359	19L
TTA	29A1	222	4L
TTB	29D1	222	4L
TTC	29A5	229	4L
TTD	29E5	229	4L
TT-MB	11F0	166	4L
TT-PJ-1	11C0	166	4L
TT-PJ-2	11E0	166	4L
TT-PJ-3	11E0	166	4L
TT-TO	11H0	166	4L
TT-TR	11G0	166	4L
TT-TS	11H0	166	4L
TTI RCV	27D0	391	19L
TTI RCV	27D4	358	19L
TTI TRMT	27C0	391	19L
TTI TRMT	27C4	358	19L
TTL AUD (1,2)	26F7	361	19L
TTL AUD (1,2)	25C4	394	19L
TTL RCV (1,2)	26E7	361	19L
TTL RCV (1,2)	25B4	394	19L
TTL TRMT (1,2)	26E7	361	19L
TTL TRMT (1,2)	25A4	394	19L
TTO RCV	27B0	391	19L
TTO RCV	27B4	358	19L
TTO TRMT	27A0	391	19L
TTO TRMT	27A4	358	19L
TTM T1	11A2	237	4R
TTM T1	10A0	420	BE
TTM T2	10A0	420	BE
TTM T2	10A0	237	4R
TTM T3	10A0	420	BE
TTM T4	10A0	420	BE
TTR MB	8A0	199	19L
TVCMB	8A0	9	A4R
TVMB	8A0	27	
WB AUX	28B2	384	RR2
GEN			
WB AUX	28B5	384	RR2
MTR			
WB AUX	28B0	384	RR2
TT AUD			
WB AUX	28E8	384	RR2
TT RCV			
WB AUX	28E7	384	RR2
TT TRMT			
WB/9S MTG	11H5	368	
WBTTRMB	8A0	199	19L

KEYS

DESIG	LOCATION FS	APP FIG	EQPT ***
2WCR		188	
4WCR		185	
101 SL		385	RR2
101 SL		395	19L
101 SND		395	19L
101 SND		362	
101 RCV		395	19L
101 RCV		362	
ACTR		372	4L
ACTVB-AR		153	4L
AGC		235	
AL-AR		353	
AMB-AR		18,153	19L
AMO		242	
APS		43	19L
AS		178	19R
AT & ERL-AR		157	19L
ATVB-AR	SEE APP FIG.	18,153	AL
BAT		4	19L
BCPO		248	
BCP1-5		248	
BS-AC		410	
BS-DLB		410	
BS TRI		411	
BS TR2		411	
CANIT		177	19R
CC-AR		193	19R
CCT		21	19L
CGO-9		235	
CGAT-		379	
CGRL		235	
CGT		21	19L
CGT N PBX		21	
CGT PBX		21	
CLPT		21	19L
CLRR		168	19L
CMS-AR		176	

KEYS

DESIG	LOCATION FS	APP FIG	EQPT ***
CMTCA		20	
CMTCB		20	
CRT 00-29		403	4R
CS-AR		22	19L
CS-AR		154	
CT		16	4L
CTR		38	4L
DIS		240	4L
DMTCA		20	
DMTCA		389	
DMTCB		389	
DMTCB		20	
ENA		230	19L
ENB	SEE APP FIG.	230	19L
ENC		230	19L
EXR-		209	4R
FGF-AR		236	
GIT-AR		235	
GLR		225	
HOLD		195	4L
IDRC		370	4L
INFR		231	
IPR		218	19R
IPR-AR		218	19R
LD-AR		414	
LOC		428	

KEYS

DESIG	LOCATION FS	APP FIG	EQPT ***
MAR		167	4L
MC-AR		17,152	
MC & PRTC-AR		17,152	19L
MCI-AR		236	
MDC		206	19R
MDI		406	19R
MDLC		206	19R
MLPP CO		375	19R
MLPP MON		375	19R
MLPP TST		375	19R
MRARL		235	
MTCA		20	19L
MTCB		20	19L
ND-AR		423	
NM-AR	SEE APP FIG.	432	
NPS		43	19L
NPT-AR		235	
NTR-DB		190	19L
NTR-SB		190	19L
OAN ON		213	19L
OAN TST		213	19L
ON		240	4L
OTC		189	19R
PSA-AR		165,184	19L
PSAC		165,184	19L
PSR		424	
PST		13	19R
PSTH		133	4L
PSTO		182	4L

KEYS

DESIG	LOCATION FS	APP FIG	EQPT ***
RAO-4		235	
RDA		163	19L
REL		428	
REM		428	
RESET		386	19R
RG-AR		236	
RLS-PC		425	
RLS-TL		425	
RS		190	19L
RS-ACO		365	RR12
RS-AIOD		367,386	19R
RS-AR		365	RR12
RS TRI		366	19L
RS TR2		366	19L
RT-AR		396	4R,19R
RTF		429	
SDA		163	19L
SGC-AR		409	
SH		183	4L
SIT-AR		235	
SSI	SEE APP FIG.	232	
SSTI-AR		374	19R
STX-AR		235	
TLPC00-09		425	
TL-PC10		425	
TL-PC11-17		425	
TL-PC18		425	
TL-PC19		425	
TCL MC-AR		203	19R
TM1		191	19R
TM2		191	19R
TM3		421	19R
TM4		219	19R
TR		16	4L
TR-AR		36,155	19L
TRA-AR		181	19R
TRR-AR		40	BB&BY
TRR-TAR			
TST		235	
TTM LO		397	19L
TT VCT		413	19L

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 96B

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3L25

APPARATUS INDEX

DESIG	LOCATION FS	APP FIG	EQPT ***
KEYS			
TVC-AR		17, 152	4L
TVTCA		20	19L
TVTCB		20	19L
VSA-		355	19L
~~VSB-~~		~~355~~	~~19L~~
VSRL-		355	19L
VSS	SEE APP FIG.	387	19L
WB AUX TT RCV		384	RR2
WB AUX TT SND		384	RR2
WBCT-AR		376	RR2
LAMPS			
2WCR	7G6	188	
4WCR	7F6	185	
-48	7A2	190	19L
101 ANS	2S08	385	RR2
101 CORD	2S08	385	RR2
+130	7A2	190	19L
911PS	2A0	2	
AAL	7A2	428	
ACDP	2A0	2	
ACG	7A2	3	
ACTA	2A0	2	
ACTB	2A0	2	
ACTVB	2A0	2	A27L
ACV	4A6	34	A27L
ACVA	4A6	34	A27L
AGCB-	2A0	381	19R
AGCS-	2A0	235	
AIODT	2A0	201	19L
~~AIS LMB (0-19)~~	2A0	2	
AL(0-4)	2A0	2	
~~AMAT~~ (0-39)	2A0	30	19L
AMB	2A0	2	A27L
AMO	7F9	242	
ANN MJ	2A0	419	
ANS	2A0	362, 395	RR2 19L
AN TRK (00-19)	2A0	2	4L
ATVB	2A0	2	A27C
B	2A0	16	4L
BCP00-09	15A7	354	
BCP10-19	15B7	354	
BCP20-31	15B7	354	
BDT ACO-	7A2	435	
BI(0,1)	2A0	171	19L
BIFG	7A3	3	19L
BS TDF	2A0	2	
BY	1F7	156	
C	7A2	13	19R
CAL	7A2	428	
CAL MB	2A0	2	
CAMB	2A0	2	
CANIT	7E6	177	19R
CAT MB-	2A0	2	19R
CCP (00-19)	1A0	1	A27R
CCSA MB	2A0	2	4R
CCT	7G9	21	19L
CCTA-	2A0	2	
CDC	2A0	350	4R
CGAT-	4A6	379	
CGLO-9	2A0	236	
CGT	4A6	21	19L
CGT N PBX	4A6	21	
CGT PBX	4A6	21	
CIT	4A6	226	
CLRT	4A6	21	19L
CLRR	2A0	168	19L
CMBA	2A0 4A6	2, 220	19R
CMBE	7A2	3	A27C
CMBO	7A2	3	A27C
CMCGA	2A0	2	A27L
CMCGB	2A0	2	A27L
CMS	7A2	176	19R
CMS-TBL	2A0	176	19R
CMTCA	1A7	20	
CMTCB	1B7	20	
CORD	4A6	362, 395	RR2 19L
CPG	16C4	43	
CPGO	15C7	248	
CPG1-5	15D7	248	
CSAB	2A0	2	A27L
CSAL	2A0	154	
CSCT	2A0	2	A27L
CSGB	2A0	2	A27L
CTL	7A2	428	
CTV(0-3)	2A0	27	
CTVBA	2A0	2	A27C
CTVC(0-3)	2A0	2	
CTVFG	7A2	3	
CWALO-9	2A0	236	
DAMB	2A0	2	
DL	2A0	2	
DLNO,1, 2,4,7	2A0	367	
DMBA	2A0	2	
DMCGA	2A0	2	A27L
DMCGB	2A0	2	A27L
DMTCA	1A7	20,389	
DMTCB	1B7	20,389	
DRE	2A0	2	4L
DRMC-	2A0	2	
DRP-	1A0	1	
DRTO	2A0	10	
DSACO	7A2	3	
EMB	2A0	2	4L
EMR	2A0	28	
END	7A2	232	19L
FAT(A0-3,B0-3)	2A0	161	19L
FATC FG	7A2	3	19L
FATFG	7A2	3	19L
FG	4A6	235	
FGF0-9	2A0	236	
FTO,1	7A2	232	19L
FT2	7A2	232	19L
FUO,1, 2,4,7	7A2	232	19L
FUG	4A6	235	
GITO	2A0	235	
IAOMB (0-2)	2A0	2	4R
ID	2A0	205	19R
IDDD	7A2	3	19L
PRTFG			
IG	7A2	3	
INFR	4A6	231	19L
IPR	7A2	218	19R
IPRA	4A6	218	19R
IRGB	2A0	2	A27R
IRMC0(0-3)	2A0	2	A27L
IRMC1(0-3)	2A0	2	A27L
IRMC2(0,1)	2A0	2	A27L
IRP(00-14)	1A0	1	A27R
IR PRTC (0-2)	2A0	2	19L
IRST	2A0	2	A27R
L	3A0	16	4L
LDMN(0-4)	3A0	2	
LH	7A2	232	19L
LLC(00-59)	1A0	1	
LLMC 0-9	3A0	236	
LLMC(60-59)	3A0	2	A27C
LLP	7A2	232	19L
LO	7A2	190	19L
LPH(00-49)	3A0	183	4L
LPO	3A0	182	4L
LT	7A2	240	
LTD(1-5)	3A0	15	19R
M	3A0	8	
M-C-	3A0	8	
M-CAMA FG	7A2	3	
M-C-	3A0	8	
MB	7A2	352	19L
MBA	3A0	2	A27L
MCGA	3A0	2	A27L
MCGAC	3A0	2	
MCGADA	3A0	2	
MCGADB	3A0	2	
MCGB	3A0	2	A27L
MCGBC	3A0	2	
MCGBDA	3A0	2	
MCGBDB	3A0	2	
MDT ACO	7A2	434	
MDT MB	3A0	434	
MFG	7A2	3	
MJ AIOD	3A0	367,386	19R
MN AIOD	3A0	367,386	19R
MN SSTI	3A0	374	19R
MON	4A6	425	
MT ACG	7A2	3	A27C
MT ALM	3A0	2	A27C
MTCA	1A7	20	19L
MTCB	1B7	20	19L
MTE	3A0	2	A27C
MTFG	7A2	3	19L
MTO	3A0	2	A27C
MTRC	3A0	2	
MTTU ACO	7A2	3	
MUD	16G1	206	19R
NC	7A2	13	19R
NGO-4	4A6,23E7	417	
NDXO-4	4A6,23F7	417	
NGC(00-39)	1A0	1	A27R
NMO, 1	3A0	173	19L
NMFG	7A2	3	19L
NPA	3A0	235	
NPS	7E9	43	19L
OAN	3A0	213	19L
ORBR(0-3)	3A0	2	A27L
ORBDP	3A0	2	
ORBMF	3A0	2	
ORMC0(0-3)	3A0	2	A27L
ORMC1(0-3)	3A0	2	A27L
ORMC2(0,1)	3A0	2	A27L
ORP(00-19)	1A0	1	A27R
ORSTR(0-3)	3A0	2	A27L
ORSTDP	3A0	2	
ORSTMF	3A0	2	
ORTO	3A0	10	4A6
OSA	3A0	2	
OSB	3A0	2	
OTC	6B0	189	19R
PB	7A2	13	19R
PCNV	4A6	159	19L
PDI	3A0	2	
PPCS-SUS	7A2	180	19R
PPCS-TBL	7A2	180	19R
PRT	3A0	45	
PRT-	3A0	2	19R
PRTC(0-2)	3A0	2	A27L
PRTFG	7A2	3	19R
PS	3A0	2,12	4L
PSA	4A6	165,184	19L
PSA-4W	4A6	184	19L
PSA-DS	4A6	184	19L
PSC(0-3)	3A0	29	19L
PSO	3A0	386	19R
PUA	4A6	41	A27L
R(00-19)	3A0	28	
R(20-29)	3A0	28	
RAO-4	3A0	235	
RDFG	7A2	3	19L
REM	7A2	428	
RGAO-9	3A0	236	
RH	7A2	232	19L
RIT	7A2	3	A27C
RL-SB-	3A0	363	
RMB	3A0	2	
ROTL-ACO	7A2	440	
RRC CHMB (0-2)	3A0	2	
RRC FG	7A2	3	
RSACO	7A2	365	RR12
RSG(0-2)	1A0	1	A27L
RSGP	7A2	48	A27R
RSMJ	3A0	2	19L
RSMN	3A0	2	19L
R-S-TOA	4A6	32	A27L
RSTR1	7A2	366	19L
RSTR2	7A2	366	19L
RT-	4A6	243	4R
RTO-4	4A6	23	
RTCA00-19	4A6	398	4R
RTCX	4A6	396	4R
RTFG	7A2	3	19L
RTMB(0,1)	3A0	2	19R
RTX00-11	4A6	400	4R
RUT	7A2	3	A27C
RW	7A2	3	A27C
SALM	3A0	2	
SBYA	3A0	2	
SBYB	3A0	2	
SC	1A0	1	A27L
SCSP	1A0	1	A27R
SG(0-2)	3A0	47	
SG(0-4)	3A0	2	
SGO(0-2)	1A0	47	
SG1(0-2)	1A0	47	
SG2(0-2)	1A0	47	
SGB(0-11)	3A0	2	A27L
SGCCIF-	3A0	408	
SGC MCIF	3A0	408	
SGC SAL-	3A0	408	
SGC SMB-	3A0	408	
SGC XG-	3A0	408	
SIT	3A0	235	
SSTI	7A2	232	19R
STXO-9	3A0	235	
SUP	1F8	156	
SWO,1,2, 4,7	7A2	232	19L
SWTO,1	7A2	232	19L
TAFMB	3A0	2	
TBL	7A2	240	
TBLA	3A0	2	
TBLB	3A0	2	
TC(00-19)	3A0	390	19L
TC EMER	3A0	390	19R
TDA	3A0	405	
TL-PC00-19	4A6	425	
TLLC(0-3)	1A0	1	A27C
TLLMC(0-3)	3A0	2	A27C
TLMB	7A2	3	19L
	4A6	425	RR13
TO	4A0	19,38, 204	4L 44L
TO	3A0	11	44L
TR	1F7	190	19L
TRA	16B8	181	19R
TRAP	4A0	386	19R
TRGB(0-2)	4A0	2	A27C
TRL	4A6	181	19R
TRMC(0-3)	4A0	2	A27C
TRNSL	4A0	30	
TRP(00-14)	1A0	1	A27C
TRR	4A0	40	BB&BY
TRST(0-2)	4A0	2	A27C
TSD	4A0	386	19R
TSMB	4A0	2	
TST	4A6	2,235	
TTLC(0-3)	1A0	1	A27C
TTLMB	7A2	3	A27C
TTR TO	4A0	199	19L
TTST	1E7	186	19R
TV(0-9)	4A0	27	
TVBA	4A0	2	A27C
TVCO(0-2)	4A0	2	
TVC1(0-2)	4A0	2	
TVC2(0-2)	4A0	2	
TVC3(0)	4A0	2	
TVCGA	4A0	2	19L
TVCGB	4A0	2	19L
TVCSP(00-19)	1A0	1	A27R
TVFG	7A2	3	19L
TVTC	1D7	20	
TVTCA	1D7	20	
TVTCB	1D7	20	
VSA-	4A0	355	19L
VSB0-3	4A0	355	19L
VUO,1,2, 4,7,	7A2	232	19L
WB AUX TT CORD	28E6	384	RR2
WB AUX TT ON	28E6	384	RR2
WBCTMJ	4A0	2	19L
WBLLO	4A0	2	
WBTLO	4A0	2	
WB TTR TO	4A0	199	19L

MASTER TEST FRAME
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DWG SIZE 65 | ISSUE 96B

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APPARATUS INDEX

NETWORKS

DESIG	LOCATION FS	APP FIG	EQPT ***
AAC	17C9	438	
CTR	22C7	371	RR10
RC	28DJ	384	
UN	6E0	42	2

RESISTORS

DESIG	LOCATION FS	APP FIG	EQPT ***
A	11G1,15D4	166,214	52+
A	27F1,F5	359,392	(TST)
A	25B2,F5	360,393	(OTL)
A1	27B1,B5	391,358	(TTO)
A2	27C1,C5	391,358	(TTI)
ACTK	22C8	373	RR10
ACV	30B2	34	37
ACVA	30B2	34	RR1
AR1	19D2	170	43
AR2	19D2	170	43
AR3	19D1	170	43
B	15E4	214	52+
B	25B1,F5	360,393	(OTL)
B	27F1,F5	359,392	(TST)
B1	27B1,B5	391,358	(TTO)
B2	27C1,C5	391,358	(TTI)

RESISTORS

DESIG	LOCATION FS	APP FIG	EQPT ***
BDMJ	24D2	431	43
C	25B1,F5,	360,393	(OTL)
C	27E1,F5	359,392	(TST)
C1	27B1,B5	391,358	(TTO)
C2	27C1,C5	391,358	(TTI)
CL1	19G1	226	45
CORD	28D7	384	RR2
CTL	11D8	436	BE
CTL1	11E8	436	BE
D	25B2,E5,	360,393	(OTL)
D	27E1,E5	359,392	(TST)
D1	27A1,A5	391,358	(TTO)
D2	27C1,C5	391,358	(TTI)
DL1	30D8	32	35
DL2	30C8	32	35
DL3	30C7	32	35
DL4	30D8	32	35
E	25B1,E5	360,393	(OTL)
E	27E1,E5	359,392	(TST)
E1	27A1,A5	391,358	(TTO)
E2	27C1,C5	391,358	(TTI)
MB	11A6	187	
MBP	11B6	221	37
MJ1	6A6	6	40
MN1	6E6	7	40
RB1	26B2	412	(101B)
RB2	26B2	412	(101B)
RB3	26B2	412	(101B)
RB4	26B3	412	(101B)
RB5	26C2	412	(101B)
RB6	26C2	412	(101B)
RB7	26C2	412	(101B)
RB8	26C3	412	(101B)
RB9	28B1	384	(WB AUX B)

RESISTORS

DESIG	LOCATION FS	APP FIG	EQPT ***
RB10	28B1	384	(WB AUX B)
RB11	28B1	384	(WB AUX B)
RB12	28B1	384	(WB AUX B)
RB13	28C1	384	(WB AUX B)
RB14	28C1	384	(WB AUX B)
RB15	28C1	384	(WB AUX B)
RB16	28C1	384	(WB AUX B)
RG1	26B5	412	(101A)
RG2	26C5	412	(101A)
RG3	28B3	384	(WB AUX A)
RG4	28B3	384	(WB AUX A)
RLS	22B2	425	RR13
RM1	26B7	412	(101A)
RM2	26C7	412	(101A)
RM3	28B4	384	(WB AUX A)
RM4	28B4	384	(WB AUX A)
RP1	26C5	412	(101A)
RP2	26C6	412	(101A)
RP3	28B3	384	(WB AUX A)
RP4	28B4	384	(WB AUX A)
RST	28F1	384	
RT1	26B3	412	(101T1)
RT2	26B4	412	(101T1)
RT3	26C3	412	(101T1)
RT4	26C4	412	(101T1)
RT5	26B8	412	(101T2)
RT6	26B8	412	(101T2)
RT7	26C8	412	(101T2)
RT8	26C8	412	(101T2)
RT9	28B2	384	(WB AUX T1)
RT10	28B2	384	(WB AUX T1)
RT11	28C2	384	(WB AUX T1)
RT12	28C2	384	(WB AUX T1)
RT13	28B5	384	(WB AUX T2)
RT14	28B6	384	(WB AUX T2)
RT15	28C5	384	(WB AUX T2)
RT16	28C6	384	(WB AUX T2)
T	11F5	196	
TLA	22C3	425	RR13
TLO	11B3	397	
Z	19A2	26	

SWITCHES

DESIG	LOCATION FS	APP FIG	EQPT ***
LLF	SEE APP FIG.	235	BE-19L

THERMISTORS

DESIG	LOCATION FS	APP FIG	EQPT ***
T1	26A3	412	(101T1)
T2	26B3	412	(101T1)
T3	26D3	412	(101T1)
T4	26D3	412	(101T1)
T5	26A8	412	(101T2)
T6	26B8	412	(101T2)
T7	26D8	412	(101T2)
T8	26D8	412	(101T2)
T9	28A2	384	(WB AUX T1)
T10	28A2	384	(WB AUX T1)
T11	28C2	384	(WB AUX T1)
T12	28D2	384	(WB AUX T1)
T13	28A6	384	(WB AUX T2)
T14	28A6	384	(WB AUX T2)
T15	28C6	384	(WB AUX T2)
T16	28D6	384	(WB AUX T2)

TUBES, ELECTRON

DESIG	LOCATION FS	APP FIG	EQPT ***
AR	19D2	170	43
DLA	30D9	32	36

VARISTOR

DESIG	LOCATION FS	APP FIG	EQPT ***
NV1	30G1	159	42,45
NV2	30G2	159	42,45

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE	ISSUE
6S	96B

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MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE	ISSUE
6S	96B

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TRANSFER REG MKR CONN CKT	21F1
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WB REMOTE SW SIG CONT CKT	22F4
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WB TRK TEST REG CKT	22D5

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 90B

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2-WAY 900 OHM TRK CKT

DESIG	LOCATION FS	LOCATION CAD
B1		3D0,27E3
B2		3D0,27E3
B3	9A1	30B5
B4	9A1	30B5
B5	9A1	30B5
E		28C3
FF	2A0	1A0,28A3
LO	4A0	1A0,28A3
M		28C3
ON		3D0
R2	11A4	3D0,28C3
T2	11A4	3D0,28C3
VCT	13A0	33A0
VSS1	26G8	33A0
VSS2	26G8	33A0

2-WAY LINE CKT, LLP FOR WB SERVICE

DESIG	LOCATION FS	LOCATION CAD
B1		27E3
B2		27E3
B3	9A1	30B5
B4	9A1	30B5
B5	9A1	30B5
LO	4A0	1A0,28A3

2-WAY SIGNAL CKT

DESIG	LOCATION FS	LOCATION CAD
R	15E3	21E7
T	15E3	21E7

2-WAY TRK CKT (2W OR 4W)

DESIG	LOCATION FS	LOCATION CAD
B1	11B8	3D0,27E3
B2	11B8	3D0,27E3
B3	9A0	30B5
B4	9A0	30B5
B5	9A0	30B5
E		28C3
M		28C3
ON	11B8	3D0
R2	11A4,B8	3D0,28C3
T2	11A4,B8	3D0,28C3

2-WIRE, 2-WAY TRK CKT FOR OFF./NET. ACCESS SERVICE IN CCSA

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
E		28C3
M		28C3
R2	11A4	28C3
RMB	2A0	
T2	11A4	28C3

2A LINE CONCENTRATOR CKT

DESIG	LOCATION FS	LOCATION CAD
TRB1	8A1	22H3

4-WIRE CONFERENCE TRK

DESIG	LOCATION FS	LOCATION CAD
B1	11B8	
B2	11B8	
ON	11B8	
R2	11B8	
T2	11B8	

4-WIRE TERMINATING SET ASSOC WITH THE BIT-STREAM PART OF THE CVP2B TERM. USED FOR TEST

DESIG	LOCATION FS	LOCATION CAD
R	25E2,26G5	30F2,38C0
R1	26G5	38C0
T	25E2,26G5	30F2,38C0
T1	26G5	38C0

4-WIRE TERMINATING SET ASSOC WITH THE WB PART OF THE CVP2B TERM. USED FOR TEST

DESIG	LOCATION FS	LOCATION CAD
R	25E2	30F2
T	25E2	30F2

19A TOLL TEST BOARD ALM CKT FOR EMERGENCY TRANSFER

DESIG	LOCATION FS	LOCATION CAD
TRA	16B7	10G7,15C7

60 & 120 IPM INTER. CKT

DESIG	LOCATION FS	LOCATION CAD
.IG	7A2	1A0,28A3

ACCESS GRP CONTROLLER CKT

DESIG	LOCATION FS	LOCATION CAD
AGB-	2A0	33E8

AIOD TRNSL CONN CKT

DESIG	LOCATION FS	LOCATION CAD
BJR	8A1	22A3
BJS	8A1	22A3
TR-L	2A0	22A3

ALL MARKERS BUSY CKT

DESIG	LOCATION FS	LOCATION CAD
AB	2A0	1A0,28A3
BA	2A0,3A0	1A0,28A3
BR	12A6	3E4
MN		4D3,7B1,11D4, 15D4
MN1	6E8	1E5,15E7

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 86A

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ALL TRANSVERTERS BUSY CKT

DESIG	LOCATION FS	LOCATION CAD
AB...	2A0	1A0,28A3
BA	2A0,4A0	1A0,28A3
BR	12A6	3E4
MJ		20F5
MN		4D3,7B1,C7, 11E4,12E0, 15D4
MN1	6E8	15F5,15F7, 20D2

ALM CKT

DESIG	LOCATION FS	LOCATION CAD
MJ	6D8,15F8, 17B7, 19B9,G2 21G3,24B3, G3, 30E9,H0	4A3,7B7, C1,12F0, 19B0,C0, 21C2,43B0, 44B3,F3
MN	6G8,19A9, 30D0	4A3,7B7 C1,12F0, 21E2

ALM SDG CKT

DESIG	LOCATION FS	LOCATION CAD
01-09	18A9	7F7,11B7, 17D7
1	1F8	17C0
2	1F8	17C0
4	13A0	17C0,20F2
5	7A2	15C1
11	18A9	7F7,11B7, 17C7
12	18A9	7F7,11B7, 18C7
14-19	18A9	7F7,11B7, 18B7
28	19F3	21B7
48V	7A2	15H4
A0	19E9	7E1
A1	19F9	7E1,11A4, 15B1,15B7
A2	19F3	11A4,15B1, 21B7
AR2	14C5	4A0
BAT		20E5
CS	1C0	1F0,15C1
HLD		15A7
HV	7A2	20C0
L	1C0	1F0,15C1
LK	12A5,14C5 F2,16B2, 18A4,21D4, 23E0	4H7,7A7,H2, 12F0,21F5, 22E3
LK1	12A5	4E7,7E1, 11C0,15G1
LK2	18H4	7D1,11A0, 15H1
MAR	14B3	9G4,18G4
MBR	14C3	9G4,18G4
NV3	14C0	20F2
TC	14C0	18B7
TC1	14C0	18B7
TOS		16G2
TR1	19F9	4E7,7E1,11A4, 15B1,B7
TR2	19E9	4E7,7E1, 11A4,15B1

AMA TRNSL CKT

DESIG	LOCATION FS	LOCATION CAD
BJR	8A1	5E1
BJS	8A1	5E1
TR-L	2A0,4A0	5E1

ANI TV CKT

DESIG	LOCATION FS	LOCATION CAD
B	6C9	
BJR	8A1	5A1
DL	2A0	1A0,28A3
DL8	19H2	
FG	7A2	1A0,28A3
LK	18A3	
MJ0-9	17G4	
MN0-9	17G2	
TV	2A0,4A0	5A1

ANI TV CONN CKT

DESIG	LOCATION FS	LOCATION CAD
C	4A0	1A0,28A3
CB	8A1	
LCA	12A6	3D4
MJ1	6A8	
SLP	1A0	1A0,28A3

ANNOUNCEMENT CKT

DESIG	LOCATION FS	LOCATION CAD
CT	15A3	21C7

ANNOUNCEMENT CONT CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
ALM	2A0	31G5
MJ	19D9	31G5

ANNOUNCEMENT TRK CKT

DESIG	LOCATION FS	LOCATION CAD
AR	12A6	8H0
ATL	2A0	1A0,28A3
MN		4C3,7B1, 11D4,15E4
MN1	6E8	10S,15F7

APPLIQUE CKT FOR 405 TYPE DATA SETS FOR ACD

DESIG	LOCATION FS	LOCATION CAD
G	7A2	1A0,28A3

ATND ACCESS TRK CKT

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
MB	8A1	22F8
TST	8A1	22F8

ATND LINE CKT

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
RMB	2A0	1A0,28A3

ATND OGT DIAL ZERO CALLS FOR CENTRALIZED ATND OPERATION

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
E		28C3
M		28C3
R2	11A4	28C3
RMB	2A0	1A0,28A3
T2	11A4	28C3

ATND TRK CKT FOR OFF./NET. ACCESS CONT CKT

DESIG	LOCATION FS	LOCATION CAD
MB	8A1	22F8
TST	9A1	22F8

ATND TRK CKT FOR REMOTE ATND FOR CCSA OFF. ARRANGED FOR OFF./NET. ACCESS CKT

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
E		28C3
M		28C3
R2	11A4	28C3
RMB	2A0	1A0,28A3
T2	11A4	28C3

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 96B

BELL LABORATORIES | SD-25762-01- | All

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AUTO MON REG AND SDR TEST CKT

DESIG	LOCATION FS	LOCATION CAD
DL	2A0	1A2,DG,24E2 28A3,39A0
DLB	19H2	4F7,7F1, 11B4,15D1
HLD		15A7
LK	18A1	4D7,7D1, 11B0,15F1
MN	17G1	4B7,7E4 12B0,18F4

AUTO PROGRESSION TRK TEST CKT

DESIG	LOCATION FS	LOCATION CAD
CGT	15B1	17E4

AUX CONF CONT CKT

DESIG	LOCATION FS	LOCATION CAD
R	9B1	22C6
T	9B1	22C6

AUX LINK FOR LLP OR LLP-AIS LINES FOR USE WITH NO. 5 ETS

DESIG	LOCATION FS	LOCATION CAD
E	11G6	27H2
M	11G6	27H2
R2	11G6	27H2
T2	11G6	27H2

AUX PERM SIG HOLD TRK CKT

DESIG	LOCATION FS	LOCATION CAD
CO	6H2	20F5

BILLING DATA TRANSMITTER CKT

DESIG	LOCATION FS	LOCATION CAD
ACO-	7A2	44C3,D3
ACOG-		44C3,D3
MJ	24D3,E3	44C3,D3
MJ1	24E3	44C3
MJR	24C3,F3	44C3,D3
MJR1	24F3	44C3
RF	2485, G5,G7	44G3

CALENDAR AND CLOCK CKT

DESIG	LOCATION FS	LOCATION CAD
ALM	19B7	37H4
TDA	3A0	37H4

CALENDAR AND CLOCK LEVEL DETECTOR FOR ACD

DESIG	LOCATION FS	LOCATION CAD
MN1	6E8	15E7

CALL DISTRIBUTION MKR CKT

DESIG	LOCATION FS	LOCATION CAD
DL	2A0	1A0,28A3

CALLED NO. DETECTOR CKT

DESIG	LOCATION FS	LOCATION CAD
ENA	13A0	23A5
ENB	13A0	23A5
ENC	13A0	23A5

CALL WAITING LK CKT

DESIG	LOCATION FS	LOCATION CAD
CWG	8A1	33C0
CWLMB	8A1	33C0

CAMA BILLING INDEXER CKT

DESIG	LOCATION FS	LOCATION CAD
BIL	2A0	10D0
BMB	8A1	10D0
FG	7A2	1A0,28A3
IB	8A1	10D0
MUD 2	16G2,H2	22A8,B8
MUD C	16G2,H2	22A8,B8

CAMA INTERMARKER GRP TRK CKT

DESIG	LOCATION FS	LOCATION CAD
B1	11C6	10A0
B2	11C6	10A0
R2	11C6	10A0
S2	11C6	10A0
T2	11C6	10A0

CAMA LINE OBS NO. MATCHING CKT

DESIG	LOCATION FS	LOCATION CAD
FG	7A2	1A0,28A3
NMO,1	3A0	10C0
NMBO-1	8A1	10C0

CAMA SUSPENSION CKT

DESIG	LOCATION FS	LOCATION CAD
AR	14B3	10F0
BS	14A0	10F0
CMS	7A2	10F0
R	14A0	10F0
T	14A0	10F0
TBL	2A0	10F0

CAMA TV CKT

DESIG	LOCATION FS	LOCATION CAD
B	6C9	
BJR	8A1	5A1
CAIT	13A0	10G0
DL	2A0	1A0,14B0, 28A3,G7, 39F0
DLB	19H2	7F1,11B4 15D1
FG	7A2	1A0,28A3
LK	18A2	7E1,11C0, 15E1
MJO-9	17G4	20F5
MNO-9	17G2	12E1
TV	2A0,4A0	5A1

CAMA TV CONN CKT

DESIG	LOCATION FS	LOCATION CAD
C	2A0	1A0,28A3
CB	8A1	2A7
LCA	12A6	3D4
MJ MJ1	6A8	7C7,12E0 20D2
MN		20F5
SLP	1A0	1A0,28A3

CODE 970 TEST LINE CKT

DESIG	LOCATION FS	LOCATION CAD
R	11E9	31D5
RI	11E9	31D5
T	11E9	31D5
TI	11E9	31D5

CODE 970 TEST LINE CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
MBL	3A0	1A0,28A3

CODE RINGING APPLIQUE CKT

DESIG	LOCATION FS	LOCATION CAD
PKU	16F7	5G7,15H1
PUA	16F7	5G7,15D1

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 908

BELL LABORATORIES | SD-25762-01- | A12

LEAD INDEX

CO-LOCATED JK, LP & KEY CKT FOR ACD PH II USING SAME ALM SDG CKT

DESIG	LOCATION FS	LOCATION CAD
04-09 14-19		7D8,11C7,17B9 7D8,11C7,18A9
A0	19F7	4E9,7E2,11A4, 15A1
A1	19F7	4E9,7E2,11A4, 15A1
L	1D0	1F2,15A1
LK2	18H4	7D2,11A0, 15A1
TR1	19F7	4E9,7E2, 11A4,15A1
TR2	19F7	4E9,7E2, 11A4,15A1

COIN JUNCTOR CKT

B1	11B8	3D0
B2	11B8	3D0
ON	11B8	3D0
R2	11B8	3D0
T2	11B8	3D0

COIN SUBSCRIBER TO TRK INTERMARKER GRP TRK

B1	11B8	3D0
B2	11B8	3D0
ON	11B8	3D0
R2	11B8	3D0
T2	11G8	3D0

COIN SUPV CKT

HL	6H2	20B2-D2
LK	14E2	4A0
LP	2A0	4A0,24A0
ML		9E7-G7, 20C7-E7

COIN SUPV RELEASE CKT

AR	14D2	4A0
LA	14D2	4A0
LPCB	2A0	1A0,28A3
LPCC	2A0	1A0,28A3
MN		4D3,7C1, 11E4,15C4
MN1	6E8	1E5,15E7

COMB. MKR CKT

AN	15B4	21C7
CGT	15G1	3D7-F7, 8C3-E3, 21A0-E0
CGT PBX	15G1	3D7-F7
CLI CLPT	15G1	21B7 8C3-E3, 21A0-F0
EX	13B0	22E3,26A4,D0
EXA	13B0	22E3
GD	3A0	21B7
INFR	16E2	21D5,E5,G5
PSR	16C5	3D7-F7, 8A3-C3, 21B0-E0
RT-	20A9,B9, C9	48O-D0,68O, C0,17E4,G4, 21G0,H0, 29G4,30A0-D0
RT20-39	21E5	36B8-E8, 37B2-F2

COMMON OVERFLOW TRK CKT

AN	15D4	21B5,F7
ANP	15A4	21B5,F7
ANT	15B4	21C7
L	3A0	3A0
R	9A1	3A0
S	9A1	3A0
T	9A1,22F3	3A0,

COMPL MKR CKT

±AUD AC-DC AUD	30C0 30C0	3G7,8F3,16D6 3G7,8F3,16D6
AMB		32E4
CCT	15F1	3D7-F7, 8A3-B3, 21B0-F0,
CGT	15G1	3D7-F7, 8C3-E3, 28A0-E0
CGT PBX	15G1	3D7-F7
CLI CLPT	15G1	21B7 8C3-E3, 21A0-F0
CPG	16C5	21E0
DL	2A0	1A0,28A3,E7, 39E0
EX	13B0	22E3,26A4, 00
EXA	13B0	22E3,25B7, 26B4
GLR	13A0	22F6
INFR	16E2	21D5,E5,G5
IPR	16A0	22G3
IPRL	7A2	22G8
IPRX	16A0	22G8
LR		9A7,B7,20B0, E0,F7
MDI	16C2	37H7
PSR	16C5	3D7-F7, 8A3-C3, 21B0-E0
RING G	30C0	3G7,8F3,16B6
RT-	20A9,B9,C9	48O-D0,68O, C0,17E4,G4, 21G0,H0, 29G4,30A0-D0,32A0-G0
RT20-39	21E5	36B8-E8, 37B2-F2
W SPG		
LR	15H7	9A7,B7, 20B0,E5,F7

CONF CONT CKT

ALM	2A0	1A0,28A3
AR1	16F5	22F0
AR2	16F3	22F0
AR3	16F5	22F0
AR4	16F3	22F0
CCLP	1A0	1A0,28A3
MB	8A1	22F8
MJ1	6A8	20D2
RC1-6	9C1	22F8
RT1-6	9C1	22F8
TST	9A1	22F8
TT1-6	9C1	22F8

CONF TRK CKT

ALM	16H4	17B0

CONN CONT CKT FOR DIGIT REG MKR CONN CKT

C	2A0	1A0,28A3

CONN CONT CKT FOR INCOMING, ORIG, DIGIT AND TRANSFER REG MKR CONN (W SPG)

LAL	12A6	
LCA	12A6	

CONN CONT CKT FOR INCOMING AND ORIG REG MKR CONN CKT

C	2A0,3A0	1A0,28A3

CONN CONT CKT FOR INCOMING, ORIG AND TRANSFER REG MKR CONN (W SPG)

C	4A0	28A3
MJ1	6A8	

CONT AND CONSOLE CKT FOR PROC 0/1

MJ	17B7	19B0

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 55—

ISSUF 888

BELL LABORATORIES SD-25762-01- A13

E-7630-210-PRO PRINTED IN U.S.A.

LEAD INDEX

DISTRIBUTOR AND SCANNER APPLICATION FOR NO. 5 ETS (DAS-ETS)

DESIG	LOCATION FS	LOCATION CAD
CAIT	13A0	10H0
CCT	15E1	8G3,17G0
CGT	15B1	8G3,17E4
MJ		1787
T(00-04)	20C4,D5	4D0,16A3
T(05-09)	20D5	29C4
T(20-29)	21C8	35A5
T(30-35)	21C8	35A8

DIAL TONE MKR CKT

DESIG	LOCATION FS	LOCATION CAD
±AUD	30C0	32B7
AC-DC AUD	30C0	32B7
AN	15B4	21C7
CCT	15E1	32B7
DL	2A0	1A0,28A3, 28F7,39E0
GD	3A0	21B7
RING G	30C0	32B7

DIGIT REG CKT

DESIG	LOCATION FS	LOCATION CAD
ALM		16G2
LP	2A0	31F8
MB	8A1	31F8

DIGIT REG MKR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
CB	8A1	31E8,F8
RLP	1A0	1A0,28A3

DIRECTIONAL RESERVATION CKT

DESIG	LOCATION FS	LOCATION CAD
DRE	2A0	1A0,28A3

DIST AND SCANNER CKT

DESIG	LOCATION FS	LOCATION CAD
LK	18D2	15G1
MJ	1787	1787

DYNAMIC OVERLOAD CONT CKT

DESIG	LOCATION FS	LOCATION CAD
C00-29	21C0	35D6,D9
CDC	8A1	29D7
DCC	2A0	29D7
RT0-4	20B0,E0	1600
RT5-9	20E0	1600
RTCX	21C0	3603

EADAS/NETWORK MANAGEMENT INTERCONNECTION CKT

DESIG	LOCATION FS	LOCATION CAD
NMF	20H4	44B2
NMFD	20H4	44B2
NMFG	20H4	44B2
RTC(00-04)	20A0,D0	44G2
RTC(05-09)	20D0	44G2
RTC(10-29)	21B0	35F2
RTD(00-04)	20D9	17H0,32G7
RTD(05-09)	20D9	29H4,30E0, 32G7
RTD(10-29)	21B0	36B3
RTG(00-04)	20A0,D0	44H2
RTG(05-09)	20D0	44H2
RTG(10-29)	21B0	35F5
RTK	20H0	44B2
RTKD	20H0	44B0
RTKG	20H0	44B2

ETS-POWER AND DATA INTERFACE CKT

DESIG	LOCATION FS	LOCATION CAD
PDI	3A0	28A3

FOREIGN AREA TRNSL CKT

DESIG	LOCATION FS	LOCATION CAD
FAT BL	2A0	9C0,D0
FAT MB	8A1	9C0,D0
FG	7A2	1A0,28A3

FOREIGN AREA TRNSL CONN CKT

DESIG	LOCATION FS	LOCATION CAD
FG	7A2	1A0,28A3

FREE TRK CKT

DESIG	LOCATION FS	LOCATION CAD
911	2A0	1A0,17F0, 28A3
A	6G2	17F0
B1	11B8	30D
B2	11B8	30D
CMB(00-09)	15B5	
CMB(10-19)	15B5	
CMB(20-31)	15B5	
ON	11B8	30D
R2	11B8	30D
T2	11B8	30D

GATE CONT CKT

DESIG	LOCATION FS	LOCATION CAD
AGCB	14H0	27C5
AGS	2A0	27C5
AMO	13A0	29E1
AMT	14F0	27C5
CG	14H0	27C5
CGRL	14H0	27C5
GIT	2A0	27C5
GITL	1387	27C5
MJ1	6A8	15G7
MN1	6E8	
MRA	1383	27C5
NPT	3A0	27C5
NPTL	1383	27C5
RAO-4	13A0	27C5
RASO-4	3A0	27C5
RT-	2089	21G0
SIT	3A0	27C5
SITL	1383	27C5
STSO-9	3A0	27C5
STX	1383	27C5
TST	23C9	27G8

GRP BUSY CKT

DESIG	LOCATION FS	LOCATION CAD
RBL	2A0,3A0,4A0	1A0,28A3

IMMEDIATE RINGING CONT CKT

DESIG	LOCATION FS	LOCATION CAD
B	4A0	1A0,28A3

INCOMING CAMA TRK CKT

DESIG	LOCATION FS	LOCATION CAD
B1	11C6	10A0
B2	11C6	10A0
R2	11C6	10A0
S2	11C6	10A0
T2	11C6	10A0

INCOMING REG CKT

DESIG	LOCATION FS	LOCATION CAD
ALM	30C9	16G6
LP	3A0	2H4
MB	8A1	2H4
C	2A0	1A0,28A3
CB	8A1	2C7
LCA	12C7	15C7
MJ		483,7A1,1100, 15G4
MJ1	6A8	185,15G7,H7

INCOMING REG MKR CONN CKT

DESIG	LOCATION FS	LOCATION CAD

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 90B

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LEAD INDEX

INCOMING REG MKR CONN CKT-REG PART

DESIG	LOCATION FS	LOCATION CAD
RLP	1A0	1A0,28A3

INTERFACE AND CONT CKT

DESIG	LOCATION FS	LOCATION CAD
AAL	7A2	43B2
ACTR	22B6	31A3
AR2	14C5	4A0
BDT8E	18C6	19B0
BDTOE	18C6	19B0
BDTRF	18C6	19B0
CAL	7A2	43B2
CCT	15D1	17G0
CCTA	15E1	17B4
CGT	15B1	17E4
CLI	19E2	21A7
CLP	15C1	17E4
CLR	15G6	20F7
CS	1C0	1F0,15C1
CTL	7A2	43B2
CTR	22B6	25A0
DOC	21F3	
HLD		15A7
KT	13B0	43B2
KTR	13B0	43B2
L	1C0	1F0,15C1

INTERFACE AND CONT CKT

DESIG	LOCATION FS	LOCATION CAD
LK	12A5,14C5, 21D4	4H7,7A7,H2, 12F0,21F5, 22E3
LK1	12A5	4E7,7E1, 11C0,15G1
LK2	18H4	7D1,11A0, 15H1
LO	13A0	43B2
LOC		43B2
MAR	14B3	18G4
MBR		9G4
MJO	18C6	45F7
MNO	18C6	45F7
PU	16F7	17G0
REM	7A2	43B2
RM	13A0	43B2
RT(0-4)	20C4,E5	16C4
T2	18C6	19B0
T3	18C6	19B0
TOA	3089	16E6
TOA1	3089	16G6
TOS		16G2

INTERFACE CKT FOR DATA ACQUISITION

DESIG	LOCATION FS	LOCATION CAD
AAC	17D9	45E7

INTERTOLL TRK FOR WB SERVICE WITH OR WITHOUT PH III CENTREX

DESIG	LOCATION FS	LOCATION CAD
B1		27E3
B2		27E3
B3	9A0	30B5
B4	9A0	30B5
B5	9A0	30B5
E		28C3
LO	4A0	
M		28C3
R2	11A4	28C3
RMB		28A3
T2	11A4	28C3
VCT	13A0	33A0
VSS1	26G8	33A0
VSS1	26G8	33A0

INTERTOLL TRK FOR BS SERVICE

DESIG	LOCATION FS	LOCATION CAD
FF	2A0	1A0,28A3

INTRAOFFICE TRK CKT FOR COIN LINES WITH OR WITHOUT TIMING

DESIG	LOCATION FS	LOCATION CAD
B1		27E3
B2		27E3
MBL	2A0	1A0,28A3

KEY AND LAMP CKT

DESIG	LOCATION FS	LOCATION CAD
A	15C4	21E7
LP	15C4	21E7

LAMA TV CKT

DESIG	LOCATION FS	LOCATION CAD
FG	7A2	1A0,28A3

LEVEL DET CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
DAR	12A6	38B0
IDA	3A0	1A0,28A3

LINE AUX CKT FOR PUBLIC EMERGENCY REPORTING

DESIG	LOCATION FS	LOCATION CAD
AR	12A6	8H0
ERL		28A3
MJ		781,11F0, 15F4
MJ1	6A8	781,11F0, 15F4

LINE CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
ALM	2A0	31G5
MJ	19D9	31G5
PS	2A0	1A0,28A3

LINE CKT FOR AIS

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
E	11F6	27H2
LAMP	2A0	1A0,28A3
M	11F6	27H2
R2	11F6	27H2
T2	11F6	27H2

LINE INSULATION TEST CONT CKT

DESIG	LOCATION FS	LOCATION CAD
ATR	6G2	9E4,20C0
LK1		11D0,15G1
TVMB0,1	8A1	5A1

LINE,LINE LK AND CONN CKT

DESIG	LOCATION FS	LOCATION CAD
LLF	1A0	1A0,28A3
MJ1		185
R	11C4	21A7
T	11C4	21A7

LINE, LINE LK AND MKR CONN CONT CKT

DESIG	LOCATION FS	LOCATION CAD
C	3A0	1A0,28A3
E	11E6	27G2
LAL	12A6	
LCA	12A6	15C7
M	11E6	27G2
MJ1	6A8	20D2
R	11C4	21A7
R2	11E6	27G2
T	11C4	21A7
T2	11E6	27G2

LINE, LINE LK AND MKR CONN CONT CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
C	3A0	28B0,C0
CG	14G0	27E5
CGK	14G0	27E5,F5
CGL	2A0	28B0,C0
CWAL	2A0	28B0,C0
FG	23C6	27G5
FGF	13B3	28A0
FGF1	2A0	28B0,C0
FUG	23C6	27G5
LCA	13B0	28A0
MJ		15G4
MJ1	6A8	15G7
MN		15E4
MN1	6E8	15F7
R		21A7
RG	13B3	28A0
RGA	3A0	28B0,C0
RT-	20C9	
T		21A7
TLK	23A9	27D7
TLK1	23C6	27D7
TST	23C6	27D7
TST1	23A9	27D7
TTS	23A9	27E5

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 65 | ISSUE 6B

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LEAD INDEX

LINE LK CONN CKT

DESIG	LOCATION FS	LOCATION CAD
LLF	1A0	1A0, 28A3

LINE LK MKR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
C	3A0	1A0,28A3
CG		2A7,G7
MJ		4C3,7A1, 11E0

LINE LK MKR CONN CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
LLF	1A0	1A0,28A3
MJ		15G4

LINE LOAD CONT CKT

DESIG	LOCATION FS	LOCATION CAD
CGTL	4A5	8G3,17F4
CGTR	15B1	8G3,17F4
CLPTL	4A5	8G3,17F4
CLPTR	15C1	8G3,17F4

LISTED DIRECTORY NO. AND INTERCEPT TRK

DESIG	LOCATION FS	LOCATION CAD
B1	11B8	3D0
B2	11B8	3D0
ON	11B8	3D0
R2	11B8	3D0
T2	11B8	3D0

LINE CKT, LLP, FOR CENTRALIZED ATND OPERATION

DESIG	LOCATION FS	LOCATION CAD
B1		27E3
B2		27E3
RMB	2A0	1A0,28A3

MAINTENANCE DATA TRANSMITTER CKT

DESIG	LOCATION FS	LOCATION CAD
AAC	17D9	45E7
ACO	7A2	44E5
CLRR	15G5	20F7
MB	8A1	44E5
MBL	3A0	44E5

MAINTENANCE DESK 2-WAY TRK CKT

DESIG	LOCATION FS	LOCATION CAD
R	11B4	21B7
T	11B4	21B7

MANUAL OGT TEST CKT

DESIG	LOCATION FS	LOCATION CAD
AV	9B1	8D0,9C4, 20E0
BAT	9C1	8D0,9C4, 20E0
BY	16B	8D0,9C4, 20E0
BYL	9B1	8D0,9C4, 20E0
D	9B1	8D0,9C4, 20E0
G	9B1	8D0,9C4, 20E0
GR	9B1	8D0,9C4, 20E0
LB	16B	8D0,9C4, 20E0
LP	16B	8D0,9C4, 20E0
R	9B1	8D0,9C4, 20E0
R1	9D1	8D0,9C4, 20E0
R2	9D1	8D0,9C4, 20E0
S	9C1	8D0,9C4 20E0
S1	9B1	8D0,9C4 20E0
T	9B1	8D0,9C4, 20E0
T1	9D1	8D0,9C4, 20E0
T2	9D1	8D0,9C4, 20E0
TNR	9C1	8D0,9C4, 20E0

MASTER TEST CONT CKT

DESIG	LOCATION FS	LOCATION CAD
B2	8A1	
C00-29	21A0	35D5,G5
CHT	1B0	1784
D		9B0
M8A	8A1	3H4
M8B	8A1	3H4
ON	14E0	29H0
R	9C1,25D2	30G5
RTT	21A0	36D3
T	9C1,25D2	30G5
TRB1-TV0		10E4
TRB1-TV1		10E4

MASTER TEST FRAME CONN CKT

DESIG	LOCATION FS	LOCATION CAD
G	1C1	1G0,17C4
DL		39A0
LK	18A3	4D7,7E1, 11B0,15E1
MJ	17G5	4A7,7A4, 11D7,17B7
MN	17G0	4B7,7E7, 12A0, 18G4
RTO	20E9	4G0,16C6, E6,G6, 17A0, C0

MASTER TEST FRAME CONN CKT

DESIG	LOCATION FS	LOCATION CAD
RT1-4	20E9	4G0,16C6,E6, G6,17A0,C0
RTC		4G0
RTG	20E9	17A0
TRB1	8A1	5D4-G4,8A6-G6,10A4-H4, 13C0-F0,C4, E2,G2,G4, 14D7,E2-G2, E7,F5-H5,24A7-H7,D2, H2,27B0, 28E0,29C4, 38B6-H6, 39D0,G0

MASTER TEST FRAME CONN CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
LK	18A3	4D7,7E0, 11B0,15E1
MJ	17G5	4A7,7A4, 11D7,17B7
MN	17G0	4A7,7E7, 12A0,18G4
TRB1-	8A1	5D4-G4,8A6-G6,10A4-H4, 13C0-F0,C4, E2,G2,G4, 14D7,E2-G2, E7,F5-H5, 24A7-H7,D2, H2,27B0, 28E0,29C4, 38B6-H6, 39D0,G0

MASTER TEST FRAME TRK TEST CKT

DESIG	LOCATION FS	LOCATION CAD
AR	~~27H6~~	30F7
AT	27H6	30F7
AX1	9C1	31C3
AX2	9C1	31C3
D1	11F9	31C3
D2	11F9	31C3
L	1E8	12A4,20D5
OTT	14D0	38D0
R	9B1,10F1 29F7	9H7,12A4, 20B2,20D5
R1	11A1	20B5
R2	11A1	20B5
R3	11C1	22H6
R4	11C1	31D8
S	9B1,10F1	9H7,12A4, 20B2,20D5
S1	10F1,11A1	12A4,20B5, 20G5
S2	11A1	20B5
S3	11C1	22H6
S4	11C1	31D8
T	9B1,10F1 29F7	9H7,12A4, 20B2,20D5
T1	11A1	20B5
T2	11A1	20B5
T3	11C1	22H6
T4	11C1	31D8
TOTL	25F0,G6	30D2
TR	10F1	20F7
TST	11G5	31F0
TT	10F1	20F7
WR1	29C3	23F0
WR2	29F3	23F0
WR3	29D7	23F0
WR4	27G2,G6	30F5
WR5(1,2)	25C6,26F8	30B7

MASTER TEST FRAME TRK TEST CKT

DESIG	LOCATION FS	LOCATION CAD
WR6	27C9	33C8
WR7	27D9	3388
WT1	29C3	23F0
WT2	29F3	23F0
WT3	29D7	23F0
WT4	27G2,G6	30F5
WT5(1,2)	25C6,26F8	30B7
WT6	27C9	33C8
WT7	27D9	3388

MASTER TEST FRAME VOLTMETER TEST CKT

DESIG	LOCATION FS	LOCATION CAD
G1	9B1	16F6
G2	9B1	17C0
R1	9B1	16E2,17F0
R2	9B1	16C6
S1	9B1	16F6
S2	9B1	17C0
T1	9B1	16E2,17F0
T2	9B1	16C6

MASTER TEST FRAME JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 90B

BELL LABORATORIES | SD-25762-01- | A16

C-74220-610-700 PRINTED IN U.S.A.

LEAD INDEX

MASTER TIMING CKT

DESIG	LOCATION FS	LOCATION CAD
ACG	7A2	1A0,28A3
CMBE	7A2	1A0,28A3
CMBO	7A2	1A0,28A3
CO	19B4	16B6
DL	2A0	1A0,24E5 28A3,39B0
DLB	19H2	4G7,7F1, 11C4,15A1
ETSO	10B1	5C1
FG	7A2	1A0,28A3
LK	18A3	4D7,7D1, 11B0,15F1
MJ	17G8	4B7,C3,7A1, 84,11D0,D7, 17A7,20F5
MJA	17G8	17A7
MN	17H0	18G4
MTE	3A0	1A0,14F0, 28A3
MTO	3A0	1A0,14F0, 28A3
MTT	3A0	1A0,28A3
R	9B1	5H0
RIT	7A2	1A0,28A0
RUT	7A2	1A0,28A0
RW	7A2	1A0,28A0
T	9B1	5H0
TSR-	10B1	5C0
TSSE	10A1	5C0
TSSO	10A1	5C0

MASTER TRAFFIC CONT CKT

DESIG	LOCATION FS	LOCATION CAD
ALA	13A2	3A7-C7
ALB	13A2	3A7-C7
LAL		3C3
MJ		15H4
MJ1		15B4
TCA	13A2	3A7-C7
TCB	13A2	3A7-C7

MASTER TRAFFIC CONT CKT FOR MKR CONN (W SPG)

DESIG	LOCATION FS	LOCATION CAD
ALA	13A2	3A7-C7
ALB	13A2	3A7-C7
LAL	12A6	3C3
LCA	12A6	
MJ		483,7A1, 11D0
MJ1	6A8	1A5
TCA	13A2	3A7-C7
TCB	13A2	3A7-C7
TLA	2A0	1A0,28A3
TLB	2A0	1A0,28A3

MASTER TRAFFIC CONT CKT FOR TV CONN (W SPG)

DESIG	LOCATION FS	LOCATION CAD
ALA	13A2	3B7
ALB	13A2	3B7
LAL		3C3
LCA	12A6	
MJ		483,7A1, 11D0,15H4
MJ1	6A8	1A5,15B4
TCA	13A2	3B7
TCB	13A2	3B7
TLA	4A0	1A0,28A3
TLB	4A0	1A0,28A3

MDF CKT

DESIG	LOCATION FS	LOCATION CAD
R	9A1	
S	9A1	

MISC CKT

DESIG	LOCATION FS	LOCATION CAD
B	6C9	6A3
CT	15A2	21C7
S	30F0	9A0,17A4, D4
T	30F0	9A0,17A4, D4

MKR CKT

DESIG	LOCATION FS	LOCATION CAD
±AUD	30B0	3G7,8F3, 16D6
AC-DC AUD	30B0	3G7,8F3, 16D6
AMB	16D9	8H3,32E4
B	6B9	2F0-H0
CCT	15F1	3D7-F7, 8A3-B3
CLI	19EC	
DL	2A0	1A0,14F7 26C6,28A3
DLB	19G2	4F7,7F1, 11B4,15E1
FG	7A2	1A0,28A3
FGI	7A2	1A0,28A3
LK	18A1	4D7,7D1, 11B0,15E1
MB	8A1	2E0
MBL	3A0	2D0
MJ0-17	17G4	4A7,7B4-D4, 7D7-G7, 18A0-G0
MN0-17	17G2	4C7,7F4-H4, 12B0-D0, 18A4-E4
RING,G	30B0	3G7,8F3, 16B6
SCBA,B	8A1	2A4,C4,D7, E7

MKR CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
AV	15G3	31H3
PSR	16D5	31E5
R-	15G3	31D3,F3
RT-	20A9	21G0-H0
MJ1	6A8	15G7
RLP	1A0	1A0,28A3
TCA	13A2	
TCB	13A2	
TLA	2A0,3A0	1A0,28A3
TLB	3A0	1A0,28A3

MKR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
ALA	13A2	
ALB	13A2	
LAL	12A6	
LCA	12A6	

MTTU INTERFACE CKT

DESIG	LOCATION FS	LOCATION CAD
ACO	7A2	1A0,28A3

NO. GRP CONN CKT

DESIG	LOCATION FS	LOCATION CAD
NGF	1A0	1A0,28A3

NO. 101 ESS APPLICATION SCHEMATIC

DESIG	LOCATION FS	LOCATION CAD
RI	9B1	22G3
TI	9B1	22G3

OFF. TEST FRAME TEST CKT

DESIG	LOCATION FS	LOCATION CAD
G1	9B1	16F6
G2	9B1	17C0
MB	8A1	6G0
MB1	8A1	2F4,G4,3H4
MB1-0	24D7	22C3
MB1-1	24D7	22C3
MB2-0	24D7	22C3
MB2-1	24D7	22C3
MB2,3	9A1	
MB2-3	24D7	22C3
MMB-	8A1	2D0

OFF. TEST FRAME TFST CKT

DESIG	LOCATION FS	LOCATION CAD
R	9B1	3H0
RI	9B1,11A1	16E2, 17F0, 20B5
R2	9B1,11A1	16C6,20B5
S	9B1	3H0
S1	9B1,11A1	16F6,20B5
S2	9B1,11A1	17C0,20B5
SG	8A1	6G0
T	9B1	3H0
TI	9B1,11A1	16E2, 17F0, 20B5
T2	9B1,11A1	16C6,20B5
TV-	8A1	5A1
TVG	8A1	5A1

OFF. TEST FRAME TROUBLE INDICATOR AND CONN CKT

DESIG	LOCATION FS	LOCATION CAD
ARI	19C1	17G7
ARC	19B1	17G7
ARCI	19B1	17G7
C	18D3	15H1
CLR	15H5	9C7,20G2
D	18D3	16D6
E	18D3	16E6
LK	18A3	15F1
MN	17C0	16F2
MNI	17C0	45C7

OPERATOR TDM TRK CKT

DESIG	LOCATION FS	LOCATION CAD
B1	11B8	3D0
B2	11B8	3D0
ON	11B8	3D0
R2	11B8	3D0
T2	11B8	3D0

OUTGOING SDR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
C	1A0	1A0,28A3
SLP	1A0	1A0,28A3

OUTGOING TRK CKT

DESIG	LOCATION FS	LOCATION CAD
B1	11B8	3D0,27E3
B2	11B8	3D0,27E3
E	10A1	31C7
M	10A1	31C7
ON	11B8	3D0
R2	10A1,11B8	3D0,31C7
T2	10A1,11B8	3D0,31C7

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 97B

BELL LABORATORIES | SD-25762-01- | A17

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OUTGOING TRK CKT FOR INFO SERVICE

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
E		28C3
M		28C3
R2	11A4	28C3
RMB	3A0	1A0,28A3
T2	11A4	28C3

OUTGOING TRK CKT FOR AUDIO CODE 101 TEST TRK CKT

DESIG	LOCATION FS	LOCATION CAD
L	2A0,25C9	30C7
R	26C9	30C7,39B4
R1	26C9	30C7
S	25C9,26C0	30C7
T	26C9	30C7,39B4
T1	26C9	30C7

ORIG REG CKT

DESIG	LOCATION FS	LOCATION CAD
ALM		16G2
LP	3A0	2F4
MB	8A1	2F4
RG		6E3

ORIG REG MKR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
C		1A0,28A3
CB	8A1	1A0,28B7,C7,28A3
LCA		15C7
MJ		4B3,7A1,11E0,15G4
MJ1		18S,15H7

ORIG REG MKR CONN CKT REG PART

DESIG	LOCATION FS	LOCATION CAD
RLP	1A0	1A0,28A3

OVERFLOW TRK CKT

DESIG	LOCATION FS	LOCATION CAD
CI(-)	22D3	42D7
CIA	22B3	42A0
CT00-19	22D3	42D7
R	22G3	42H0
S	22G3	42A0
S00-19	22E3	42D5
T	22F3	42H0
TLS(-)	22E3	42D5

PBX-AIOD-A1 FUSE ALM AND MISC CKT

DESIG	LOCATION FS	LOCATION CAD
MJB	3A0	33E5
MJG		33E5
MNB	3A0	33E5
MNG		33E5
RS	13B1	33E5
RS1	13B1	33E5

PBX-AIOD-A1 STATION IDENT TEST CKT

DESIG	LOCATION FS	LOCATION CAD
PS	3A0	33D5
PSG		33D5
RP	13B1	33D5
RPG	13B1	33D5
TP	4A0	33D5
TPG		33D5
TS	4A0	33D5
TSG		33D5

PBX-AIOD-A2 FUSE, ALM AND MISC CKT

DESIG	LOCATION FS	LOCATION CAD
MJB	3A0	31D0
MJG		31D0
MNB	3A0	31D0
MNG		31D0
RS	13B1	3100
RS1	13B1	3100

PBX-AIOD-A2 STATION IDENT TEST CKT

DESIG	LOCATION FS	LOCATION CAD
DLN0,1,2,4,7	2A0	31E0
DLNG		31E0

PERM SIG ALM CKT

DESIG	LOCATION FS	LOCATION CAD
AR	13B3	9G0,10H7,18D7
CO	13A0	9G0,10H7,18D7
MJ		7B1,11F0,15F4
PS	3A0	
PSA	4A5	9G0,10G7,18F4,D7,G4
PSR	16A3	3G7,8F3,16C6

PERM SIG CONC CKT

DESIG	LOCATION FS	LOCATION CAD
LP	3A0	5G1
MB	8A1	5G1

PERM SIG HOLD TRK CKT

DESIG	LOCATION FS	LOCATION CAD
C	7A2	3B0
G1	6B5	16D6,E6,F2,F6
G2	6B5	16B6,C6,F6,G6
LP	3A0	10E7
MN		4E3,7C1,11E4,15C4
MN1	6E8,F8	1F5,15D7,16G6

PERM SIG HOLD TRK CKT

DESIG	LOCATION FS	LOCATION CAD
NC	7A2	3B0
PB	7A2	3B0
PST	12A1	3B0,10E7
R	9A1	3B0
S	9A1,12A1	3B0,10E7
T	9A1	3B0

PLUGGING UP LINE CKT

DESIG	LOCATION FS	LOCATION CAD
A	12A1	38A
BL	2A0	38A
C	12A1	38A
CT	12A1	38A
L	3A0	38A
MN		4D3,7C1,11E4,15C4
MN1	6E8,F8	1F5,15D7,16F5
R	9A1,F1	38A
S	9A1,F1	38A
T	9A1,F1	38A
TR	12A1	38A

POS AND POS LOOP CKT FOR USE WITH PH III CENTREX

DESIG	LOCATION FS	LOCATION CAD
R1	10C1	22G6
R2	10C1	22G6
T1	10C1	22G6
T2	10C1	22G6

POS TRK CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27A2
B2	8A1	27A2
E	10A1	31C7
M	10A1	31C7
R2	10A1	27C2,31C7
T2	10A1	27C2,31C7

POS TRK CKT FOR ACD WITH CALL TRANSFER

DESIG	LOCATION FS	LOCATION CAD
E1	10A1	31C7
M1	10A1	31C7
R3	10A1	31C7
T3	10A1	31C7

POS TRK GATE AND CONT CKT

DESIG	LOCATION FS	LOCATION CAD
MN		15C4
MN1	6E8	15F7

POS TRK GATE AND CONT CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
AL	12A6	29A4
ALS	2A0	1A0,28A3
MB	11C9	29A4
MBC	11C9	29A4
MBS	7A2	29A4
SGS	3A0	1A0,28A3

POWER, RINGING, AND TONE DISTRIBUTING CKT

DESIG	LOCATION FS	LOCATION CAD
-48V		17G0
-48		18G4,30E2
RA OR RC	10B1	17H0
RING G	10B1	17H0

POWER RINGING CKT

DESIG	LOCATION FS	LOCATION CAD
PKU	16F7	5G7,15H1
PUA	16F7	5G7,15D1

PPCS LAMA SUSPENSION CKT

DESIG	LOCATION FS	LOCATION CAD
PPCS-S	7A2	22D0
TBL	7A2	22D0

PREFERENCE CONT CKT FOR ROUTE TRNSL CONN CKT

DESIG	LOCATION FS	LOCATION CAD
B	8A1	29B0
BY	3A0	1A0,28A3
TB	8A1	29B0

PREFERENCE CONT CKT FOR TRANSFER REG IDENT CONN CKT

DESIG	LOCATION FS	LOCATION CAD
CB0,1	8A1	22A6
MB	8A1	22A6

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 95BU

BELL LABORATORIES | SD-25752-01- | A18

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PREFERENCE CONT AND MAKE BUSY CKT

DESIG	LOCATION FS	LOCATION CAD
MB	11B6	12C4,22F3

PROGRAM CONTROLLED TV CKT

DESIG	LOCATION FS	LOCATION CAD
BJR	8A1	5A1
TV	2A0,4A0	5A1

PRT CKT

DESIG	LOCATION FS	LOCATION CAD
DL	2A0	1A0,14F0,G0, 24F5,G5,H2, 28A3,39C0,H0
DLB	19H2	4F7,7F1, 11B4,15B1
FG	7A2	1A0,28A3
LCA	12A6	15B4
MB	8A1	6D0-G0
MJ	17G3	4A7,C3,7A4 11D7,E0, 12A0,15F4, 17B7 18S,15G0
MJ1 MN	17G2	4B7,7E4, 18F4
PBL	3A0	6D0-G0
TRB1-PRT0,1,2		5G4,8E7, 10D4,14D5, 38G6

PRT CONN CKT

DESIG	LOCATION FS	LOCATION CAD
B		6A3
BSR	8A1	6B3-D3
C	3A0	1A0,28A3
CB	8A1	2D7,E3,E7,G7
CT	8A1	2A0
FG	7A2	1A0,28A3
LCA	12A6	15B4
MJ		7A1,4,17A7
MJ1	6A8	18S
RG	1A0,7A2	6E3,28A3
RSG	1A0	1A0,28A3
SGL	1A0,3A0	6B3-D3

RANGE EXTENDER CKT

DESIG	LOCATION FS	LOCATION CAD
EMB	2A0	1A0,28A3

RCDR CKT

DESIG	LOCATION FS	LOCATION CAD
DL	2A0	1A0,14A5, E0,24C5,E5, G2,28A3, 39B0,G0

RCDR AND RCDR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
ALM	17G6	4A7,7A4, 11D7,17B7
BJR	8A1,9B1	5C1
BJS	8A1,9B1	5C1
DL		14F0,39H0
DLB	19H2	4F7,7F1, 11B4,15A1
LK	18A2	4D7,7D1, 11A0,15F1
MJ MJ1	15F9	43A0 17A7
MJ2		17A7
R	2A0,3A0	5C1
TNR	8A1	5D1
TNS	8A1	5D1

RCDR AND RCDR CONT CKT

DESIG	LOCATION FS	LOCATION CAD
MJ1 MJ(1)	17G7	17A7,19C0 4A3,7A1, 11E0
MJ2	17G7	17A7
MTRC	3A0	1A0,28A3
OS	3A0	1A0,28A3
SALM	3A0	1A0,28A3
SBY	3A0	1A0,28A3
TBL	3A0	1A0,28A3

RECORDING COMPLETING, INWARD OPERATOR, OR TX TRK CKT FOR WB/BS SERVICE

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
E		28C3
M		28C3
R2	11A4	28C3
T2	11A4	28C3

REG CKT

DESIG	LOCATION FS	LOCATION CAD
ALM	30C9	
PS	3A0	

RCDR AND RCDR CONT CKT

DESIG	LOCATION FS	LOCATION CAD
ACG	7A2	1A0,28A3
ACT	2A0	1A0,28A3
CMB-	3A0	1A0,28A3
CO	19B4	16B6
DL	2A0	1A0,24A5, 28A3,39B0
DLI	2A0	1A0,24A5,28A3
DLB	19H2	15C1
FG	7A2	1A0,28A3
LK	18A2	11A0,15E1

REMOTE OFFICE TRK MAKE BUSY CKT

DESIG	LOCATION FS	LOCATION CAD
B1	8A1,11B8	3D0,27E3
B2	8A1,11B8	3D0,27E3

REMOTE SW SIG CONT CKT

DESIG	LOCATION FS	LOCATION CAD
MJL	~~3A0~~	~~1A0,28A3~~
MNL	3A0	1A0,28A3

ROTL CKT

DESIG	LOCATION FS	LOCATION CAD
MB	8A1	22E5
MBR	8A1	29G0
MKO	8A1	2E0
MKI	8A1	2E0
TCR	8A1	29F0

ROTL ACCESS CKT

DESIG	LOCATION FS	LOCATION CAD
ACO	7A2	41B7
MB1-3	8A1	41B7
MMB	8A1	41B7

ROTL REG CKT

DESIG	LOCATION FS	LOCATION CAD
MKO	8A1	2E0
MKI	8A1	2E0

ROTL TRK MAKE BUSY CKT

DESIG	LOCATION FS	LOCATION CAD
B1	8A1,11B8	3E0,27F3
B2	8A1,11B8	3E0,27F3
MB	8A1	41A7

ROUTE DISTRIBUTOR CKT

DESIG	LOCATION FS	LOCATION CAD
FG	7A2	1A0,28A3

ROUTE TRANSFER KEY AND LP CKT

DESIG	LOCATION FS	LOCATION CAD
A	20B0,C0,F0	4F3,29A7
A-	20E0	
B	20B0,F0	4F3,29A7

ROUTE TRANSLATOR CKT

DESIG	LOCATION FS	LOCATION CAD
DL	2A0	1A0,28A3
DLB	19H2	15D1
FG	7A2	1A0,28A3
LK	18A2	15F1
MN	17G2	15E4

SDR CKT

DESIG	LOCATION FS	LOCATION CAD
ALM	30B9	16E6
CP1(00-09)	22F9	3G4
CP3(00-09)	22F9	3G4
IDRC (00-09)	22F9	25E3,H3
LP	4A0	3G4
LP0-9	4A0	
LP1(00-09)	22F9	25B3,E3
MB	8A1	3G4
T	8A1	3G4

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 96B

BELL LABORATORIES | SD-23762-01- | Ai9

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SDR GRP BUSY ALM CKT

DESIG	LOCATION FS	LOCATION CAD
LA	12A6	588
LP	3A0	1A0,28A3
MN		4D3,7B1,11E4, 15C4
MN1	6E8	1E5,15D6
ND	14D0	9E0,17C4

SDR GRP BUSY ALM CONT CKT

DESIG	LOCATION FS	LOCATION CAD
LA	12A6	5A8
LP	3A0	1A0,28A3
MN		15D4
MN1	6E8	1E5,15D6
ND	14D0	9E0,17C4

SDR TEST CKT

DESIG	LOCATION FS	LOCATION CAD
D		9B0
DC	9B1	17E4

SEQUENTIAL GATE CONT CKT

DESIG	LOCATION FS	LOCATION CAD
ALS-	3A0	38A0
CIF-	3A0	38A0
MB-	8A1	38A0
MBL-	3A0	38A0
MC-	9A1	38A0
MCL-	3A0	38A0
MJ		15G4
MJT	6A8	15G7
NC0	23G2	40G8
NC1	23G2	40E8
NC2	23G2	40D8
NC3	23G2	40B8
NL4	23G2	41E1
RT-	20B9	21G0
XGS-	3A0	38A0

SEQUENTIAL GATE CONT CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
ALR	12A6	38B0

SERVICE ASSISTANT POS TRK CKT

DESIG	LOCATION FS	LOCATION CAD
B1	8A1	27E3
B2	8A1	27E3
REC1	9A1	31D7
REC2	9A1	31D7

SERVICE ASSISTANT POS TRK CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
ALM	2A0	31G5
E	10A1	31C7
E1	10A1	31C7
M	10A1	31C7
M1	10A1	31C7
MJ	2A0	31G5
R2	10A1	31C7
R3	10A1	31C7
T2	10A1	31C7
T3	10A1	31C7

STUCK SDR TRK IDENT CKT

DESIG	LOCATION FS	LOCATION CAD
ACTR	22C9	31A3
CTR	22C9	31A3
CTRK	22C9	25C3
DL	2A0	1A0,14H0, 28A3,28D7, 39E0
DLB	19H2	15A1
END	7A2	28G0
FTO,1	7A2	28G0

STUCK SDR TRK IDENT CKT

DESIG	LOCATION FS	LOCATION CAD
FT2	7A2	28G0
FU0,1,2,4,7	7A2	28G0
LH	7A2	28G0
LK	18A4	15G1
LLP	7A2	28G0
MB-	8A1	3F4
MN	17G1	18F4
MN1	6E8	15E7
ON	7A2	28G0
RH	7A2	28G0
S-	22C9	3F4,25A3,G3
SSTI	3A0	31A3
ST	22C9	28G0
SW0,1,2,4,7	7A2	28G0
SWT0,1	7A2	28G0
TRL	12A6	31A3
VU0,1,2,4,7	7A2	28G0

TBL RCDR CONT AND TEST CKT

DESIG	LOCATION FS	LOCATION CAD
NR1	19G9	11A4,15B1
NR2	19G9	11A4,15B7
TOS		16G2

TEST ACCESS TRK

DESIG	LOCATION FS	LOCATION CAD
MBL	3A0	1A0,28A3

TEST LINE CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
MBL	3A0	1A0,28A3

TEST LINE CKT FOR ONE-WAY TRANSMISSION TESTING

DESIG	LOCATION FS	LOCATION CAD
H	9B1	8A0
R	9B1	8A0
T	9B1	9A0

TEST TRK FROM TEST DESK

DESIG	LOCATION FS	LOCATION CAD
L	3A0	3G0
R	9B1	
S	9B1	3G0
T	9B1	

TIME OF DAY CKT

DESIG	LOCATION FS	LOCATION CAD
MN1	6E8	1E5,15E7

TOLL SWITCHING TDM TRK CKT FOR WB/BS SERVICE

DESIG	LOCATION FS	LOCATION CAD
R2	11A4	
T2	11A4	

TONE ANNOUNCEMENT AND PERM SIG OVERFLOW TRK CKT

DESIG	LOCATION FS	LOCATION CAD
LP	3A0	10E7
PST	12A1	10E7

TRAFFIC COORDINATOR CONT CKT

DESIG	LOCATION FS	LOCATION CAD
A	20B0	29A7
A-	20E0	16A0,29D3
B	20B0	29A7
CND0-4	23B0	41G2
CRT(0-4)	20G9	17E7
ND0-4	23A0	41G2

TRAFFIC INFO GATHERING CKT

DESIG	LOCATION FS	LOCATION CAD
NT	8A1	17E7

TRAFFIC LINE LK AND MKR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
C	3A0	
MJ1		20D2

TRAFFIC LINE LK AND MKR CONN CONT CKT

DESIG	LOCATION FS	LOCATION CAD
LCA	12A6	22E3

TRAFFIC REG CKT

DESIG	LOCATION FS	LOCATION CAD
LA	12A6	5A8
LB		22D3
LP	2A0,3A0, 4A0	1A0,28A3
LPCB	2A0	28A3
MB	8A1	22D3
MN		4C3,7B1,11D4, 15E4
MN1	6E8	1E5,15F7
ND	14D0	9E0,17C4

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TRANSFER LINE IDENT CKT

DESIG	LOCATION FS	LOCATION CAD
IDL	2A0	2286

TRANSFER LINE LK CONN CKT

DESIG	LOCATION FS	LOCATION CAD
LLF	1A0	1A0,28A3

TRANSFER LINE LK AND MKR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
C	3A0	1A0,28A3
CB	8A1	2E7,F7

TRANSFER LINE LK AND MKR CONN CONT CKT

DESIG	LOCATION FS	LOCATION CAD
MJ1	6A8	2D2

TRANSFER REG CKT

DESIG	LOCATION FS	LOCATION CAD
ALM		16E6,G6
LP	4A0	
MN		11D4

TRANSFER REG MKR CONN CKT

DESIG	LOCATION FS	LOCATION CAD
GB	8A1	2F7,G7

TRANSFER REG MKR CONN CKT REG PART

DESIG	LOCATION FS	LOCATION CAD
RLP	1A0	1A0,28A3

TRANSFER TRK LK CKT

DESIG	LOCATION FS	LOCATION CAD
GL	7A2	1A0,28A3

TRANSFER TRK LK CONN CKT

DESIG	LOCATION FS	LOCATION CAD
TLF	1A0	1A0,28A3

TRANSLATOR ACCESS CKT (CDT)

DESIG	LOCATION FS	LOCATION CAD
BJR	8A1	5A1
DL	2A0	14A0-C0,28D7-G7,39F0,G0
DLB	19H2	4G7,7F1,11C4,15C1
FG	7A2	
LK	18A1	4D7,7D1,11B0,15F1
MJ	17G3	4B7,7D4,11G7,H7,18A0-C0
MN	17G3	4C7,7G4,H4,12E0,18A4,C7,E7
TV	4A0	5A1

TRANSMISSION TEST LINE CKT

DESIG	LOCATION FS	LOCATION CAD
A	9E1	10A7,22C8-E8,29D0
B	9E1	10A7,22C8-E8,29D0
C	9E1	10A7,22C8-E8,29D0
D	9E1	10A7,22C8-E8,29D0
E	9E1	10A7,22C8-E8,29D0
F	9E1	10A7,22C8-E8,29D0

TRK AND LINE CIRCUITS

DESIG	LOCATION FS	LOCATION CAD
PS	3A0	1A0,28A3

TRK CONT CKT

DESIG	LOCATION FS	LOCATION CAD
BJR		37G7
BJS		37G7
DL	2A0	1A0,24C5,E5,28A3,39B0
DLB	19H2	15A1
LK	18A2	15F1
MJ	17G7	17B7,19C0
R	3A0	37G7
TNR	8A1	37G7
TNS	8A1	37G7

TRK GRP TRAFFIC SAMPLING CKT

DESIG	LOCATION FS	LOCATION CAD
MB	4A0	1A0,28A3

TRK GRP TRAFFIC SAMPLE TEST CKT

DESIG	LOCATION FS	LOCATION CAD
DIS	14E0	29H0
LT	7A2	29H0
ST	14E0	29H0
TBL	7A2	29H0

TRK LK CKT

DESIG	LOCATION FS	LOCATION CAD
GL	7A2	1A0,28A3
MB	8A1	2F4,31F8

TRK LK CONN CKT

DESIG	LOCATION FS	LOCATION CAD
TLF	1A0	1A0,28A3

TRK LK CONN CKT FOR ACD

DESIG	LOCATION FS	LOCATION CAD
TLF	1A0	1A0,28A3

TRK LK AND CONN CKT

DESIG	LOCATION FS	LOCATION CAD
GL	7A2	1A0,28A3
MB	8A1	
TLF	1A0	1A0,28A3

TRK MAKE BUSY CKT

DESIG	LOCATION FS	LOCATION CAD
A-	21A7	37C7

TRK TEST REG CKT

DESIG	LOCATION FS	LOCATION CAD
ALM		16F2
LP	4A0	2C0
MB	8A1	2E0
MKO	8A1	2E0
MKI	8A1	2E0

TV CKT

DESIG	LOCATION FS	LOCATION CAD
2WCR	13A0	
4WCR	13A0	10F7
B	6C9	581
BJR	8A1	5A0
CRO-3	9A1	1587,C7
DL	2A0	1A0,14A0-C0,28A3,G7,H7,39F0
DLB	19H2	4F7,7F1,11B4,15A1

TV CKT

DESIG	LOCATION FS	LOCATION CAD
LK	18A1	4D7,7D1 1180,15F1
MJ (0-9)	17G4	4B7,7B4-D4 11E7-G7, 18A0-G0
MH(0-9)	17G1	4C7,7F4-H4, 1280-D0, 1844-E4, D7,E7
MUD(0-9)	16F2	2087
MUD1	16H2	22A8
TV	2A0,4A0	5A0

TV CONN CKT

DESIG	LOCATION FS	LOCATION CAD
ALA	13A2	
ALB	13A2	
C	4A0	1A0,28A3
CB	8A1	2D7
LCA	12A6	3D4
MJ		4C3,7B1.11E0, 15E4
MJ1	6A8	1B5,C5,15F7
SLP	1A0	1A0,28A3
TCA	13A2	
TCB	13A2	
TLA	4A0	1A0,28A3
TLB	4A0	1A0,28A3

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VIDEO SUPV SIG SUPPLY CKT

DESIG	LOCATION FS	LOCATION CAD
A	13A0	30A5
B	13A0	30A5
LPA	4A0	30A5
LPB	4A0	30A5
MJ		15F4
MJ1	6A8	15A4
MN		15D4
MN1	6E8	15D7
RL1	13A1	30A5
RL2	13A1	30A5

WB 2-WAY TRK CKT

DESIG	LOCATION FS	LOCATION CAD
R	27F2,F6	30E5
R1	27F2,F6	30E5
T	27F2,F6	30E5
T1	27F2,F6	30E5

WB/BIT-STREAM TEST LINE DIST CKT

DESIG	LOCATION FS	LOCATION CAD
AC	13A2	38C0
ACG	13A2	38C0
BOTL	25F0	30F2
BT	14C0	38E0
BT1	14C0	38E0
BT2	14C0	38E0
DLB	13A0	38C0
R	2582,F6, 27B6,B9, C2	30D5,G5, 33B8
R1	2582,F6, 27B6,B9, C2	30D5,G5, 33B8
T	2582,F6, 27B6,B9, C2	30D5,G5, 33B8
T1	2582,F6, 27B6,B9, C2	30D5,G5, 33B8

WB CONTINUITY TEST CKT

DESIG	LOCATION FS	LOCATION CAD
ALR	12A6	31G0
ALS	4A0	1A0,28A3, 31G0
MJ		15G4
MJ1	6A8	15G7

WB LINK CKT

DESIG	LOCATION FS	LOCATION CAD
AR	29C7	23C0,D2
AR1	2987	23C0,D2
ARC	29B3	23C0,D2
AT	29C7	23C0,D2
AT1	2987	23C0,D2
BR	29F7	23C0,D2
BR1	29E7	23C0,D2
BRC	29D3	23C0,D2
BT	29F7	23C0,D2
BT1	29E7	23C0,D2
LBC	29E3	23C0,D2
LBC1	29C7	23C0,D2
LO-	8A1	30E7
R	2586, 26E8,27C9	30A7,33A8
R1	2586,26E8 27C9	30A7,33A8
R1A	29B3	23C0,D2
R1B	29E3	23C0,D2
RA	29B3	23C0,D2
RB	29E3	23C0,D2
S-	3A0	30E7
T	2586,26E8 27C9	30A7,33A8
T1	2586,26E8 27C9	30A7,33A8
T1A	29B3	23C0,D2
T1B	29E3	23C0,D2
TORC	2987	23C0,D2
TIRC	29E7	23C0,D2
TA	29B3	23C0,D2
TB	29E3	23C0,D2

WB MULTI-CONSOLE CONN CKT

DESIG	LOCATION FS	LOCATION CAD
R	26G1	37G0
R1	26G1	37G0
T	26G1	37G0
T1	26G1	37G0

WB OUTGOING TRK CKT

DESIG	LOCATION FS	LOCATION CAD
R	2589,27H2	
R1	2589,27H2	
T	2589,27H2	
T1	2589,27H2	

WB REMOTE SW SIG CONT CKT

DESIG	LOCATION FS	LOCATION CAD
ACO	14A3	31A0
ACL	7A2	31A0
LK	12A6	31A0
MJ		15H4
MN		15D4
TR1	12A1	31B0
TR1L	7A2	31B0
TR2	12A1	31B0
TR2L	7A2	31B0
TRC	12A1	31B0

WB TEST TRK CKT

DESIG	LOCATION FS	LOCATION CAD
R	28C8,E8	33D3
R1	28E8	33D3
S	28C8	33D3
T	28C8,E8	33D3
T1	28E8	33D3

WB TRK TEST REG CKT

DESIG	LOCATION FS	LOCATION CAD
ALM		16G2
LP	4A0	2F0
MB		2F0
MK0	8A1	2E0
MK1	8A1	2E0

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DESIG	LOCATION FS	LOCATION CAD	DESIG	LOCATION FS	LOCATION CAD	DESIG	LOCATION FS	LOCATION CAD	DESIG	LOCATION FS	LOCATION CAD	DESIG	LOCATION FS	LOCATION CAD

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6	STD 1	102(6),	APP FIG. 6
7	STD 1	102(7),	APP FIG. 7
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9	STD 1	102(8), 102A(13), 114,121, 126,131	APP FIG. 9
10	STD 1	102(9), 102A(14)	APP FIG. 10
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13	STD 1	102(15)	APP FIG. 13
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20	STD 1	102(72), 110	APP FIG. 20
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23	STD 1 MD 480 REPL BY FIG.243	137,139, 140,184, 191	APP FIG. 23
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26	STD 1	102(109), 124	APP FIG. 26
27	STD 1	102(22)	APP FIG 27, 6C8
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29	STD 1	102(24)	APP FIG. 29
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31	STD 1	102(26)	APP FIG. 31
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152	STD 138	102(19)	APP FIG. 152
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411	STD 64D MD 87B	102(151), 198	APP FIG. 411
412	STD 53D MD 87B	102(152), 198	APP FIG. 412
413	STD 53D MD 87B	102(153), 198	APP FIG. 413
414	STD 65D A&M 67D	102A(11)	APP FIG. 414
415	STD 65D	102(155)	APP FIG. 415
416	STD 65D	102(156)	APP FIG. 416
417	STD 65D A&M 67D	102A(12)	APP FIG. 417
418	STD 65D A&M 67D	102A(12)	APP FIG. 418
419	STD 65D A&M 67D	102A(10)	APP FIG. 419
420	STD 65D A&M 67D	102A(2), 176	APP FIG. 420
421	A&M 67D	102A(15)	APP FIG. 421
422	STD 65D A&M 67D	102A(12)	APP FIG. 422
423	STD 65D A&M 67D	102A(12)	APP FIG. 423
424	A&M 67D	102A(16)	APP FIG. 424
425	STD 67D	102(154)	APP FIG. 425
426	A&M 67D	102A(17)	APP FIG. 426
427	STD 57D	102(158)	APP FIG. 427
428	STD 73D	102(101)	APP FIG. 428
429	STD 79B	102(161), 184	APP FIG. 429
430	STD 79B	185	APP FIG. 430
431	STD 79B	102(162), 185	APP FIG. 431
432	STD 79B	102(163), 185	APP FIG. 432
433	STD 79B	102(161)	APP FIG. 433
434	STD 79B	102(164)	APP FIG. 434
435	STD 79B	102(165)	APP FIG. 435
436	A&M 81B	187	APP FIG. 436
438	STD 79B	102(168)	APP FIG. 438
439	STD 87B	102(168)	APP FIG. 439
440	STD 94B	102(171)	APP FIG 440
441	STD 95BU	102 (172)	APP FIG 441

Z	STD 1	102 (96, 119, 130, 142, 146, 160), 102A(9, 11, 12)	12A6, 13B2, 14D4, G1, 16A2, 18H3, 21D4, 23E0
Y	STD 1 MD 88 REPL BY OPT W		APP FIG. 16
X	STD 1	102(96)	1C0, 12A6, 14E1
W	STD 88		APP FIG. 16
V	STD 10B		15F0, G0

MASTER TEST FRAME
JACK, LAMP AND KEY

BELL TELEPHONE LABORATORIES
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SIZE 6S

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APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
T	STD 1 MD 11A REPL BY OPT S		1C1
S	STD 11A	107	1C1
R	STD 1 MD 12B REPL BY OPT Q		6F6
Q	STD 12B		6F7
N	STD 1 MD 12B REPL BY OPT M		
M	STD 12B		
K	STD 12B	102(96)	17A0,B1,B5,F0, F1,F2,F3,F4,F6, F7,F8,G1,18G4
J	STD 12B	102(95),	17F0, 18D2,G3
H	STD 1 MD 12B REPL BY OPTIONS J & K	124	17A0,B5,C0,F0, F1,F2,F3,F4,F6, F7,F8,G1,18B4, E2,F7,G4
G	STD 1 MD 13B REPL BY OPT F		APP FIG. 21
F	STD 13B	111	APP FIG. 21
E	STD 16D	173	14C4
D	STD 1 MD 16D REPL BY OPT B		APP FIG. 32
B	STD 16D		APP FIG. 32
A	STD 16D		APP FIG. 13
ZA	STD 1 MD 16D REPL BY OPT ZB		68B

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
ZB	STD 16D		
ZC	STD 1 MD 17D REPL BY OPT ZD		
ZD	STD 17D	102(8)	
ZE	STD 17D	102(109)	APP FIG. 26
ZF	STD 17D	102(109)	APP FIG. 26
ZG	STD 18D		
ZH	STD 1 MD 18D REPL BY OPT ZI		APP FIG. 30
ZI	STD 18D		APP FIG. 30
ZJ	STD 1 MD 19D REPL BY OPT ZK		22F7
ZK	STD 19D		22F7,F8
ZL	STD 1 MD 19D REPL BY OPT ZM		6F6
ZM	STD 19D		6F7
ZN	STD 19D	192(F)	6D2
ZC	STD 19D		6E1
ZP	STD 22D		6G0,G1
ZQ	STD 22D		
ZR	STD 22D	118	11B8

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
ZS	STD 23D	119	6E1
ZT	STD MD 23D REPL BY OPT ZU	12C	APP FIG. 40 18F3,19B1
ZU	STD 23D	120	18F3,19B1,C2
ZV	STD 23D		APP FIG. 40,166
ZW	STD 23D	102(23)	APP FIG. 28
ZX	STD 23D	102(23)	APP FIG. 28
ZY	STD 24D		APP FIG. 164
ZZ	STD 24D		APP FIG. 42
YA	STD 26D	102(58)	11C6
YB	STD 26D	102(58)	11C6
YC	STD MD 25B REPL BY OPT YD		17F0
YD	STD 25B		17E0
YE	STD 26D MD 29D REPL BY OPT YG	192	17G2,F4
YF	STD 27D		APP FIG. 166
YG	STD 29D	102(96, 101),192	17F2,F4
YH	STD 32D	102(69, 96,101)	19A7,F8

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
YI	STD 32D	102(69, 124,192	19A7,F8,F9
YJ	STD 37D	102(7, 31)	
YK	STD 37D	102(7, 31)	
YL	STD 36D	102(50)	APP FIG. 184
YM	STD 37D	102(53), 128	APP FIG. 169
YN	MD 81B	188	14E1
YO	STD 36D	102(71), 127	
YP	STD MD 34B REPL BY OPT YQ		6A0
YQ	STD 34B		6A1
YR	STD 37D	102(10, 22)	
YS	STD 37D	102(10, 22)	
YT	STD 37D	102(9,11, 31)	
YU	STD 40D		6H0,H1
YV	STD 40D	102(77)	16H1
YW	STD 46AC	102(95, 96,101), 192	19B7
YX	STD 46AL	102(95), 192	19C7,C8
YY	STD MD 48D REPL BY OPT YZ		APP FIG. 222,229

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
YZ	STD 48D		29B2
XA	STD 1 MD 48D REPL BY OPT XB	137	20E7,E8
XB	STD A&M 48D	137	20E7,E8,F7
XC	STD 50D A&M 67D	147	20G8
XD	STD 47D	136	APP FIG. 5
XE	STD MD 53D REPL BY OPT XF		APP FIG. 159
XF	STD 53D		APP FIG. 159
XG	STD 53D		11H4
XH	STD 53D	155	11H4
XI	STD 54D	102(98)	APP FIG. 232, 228B
XJ	STD 54D	102(98)	22B7
XK	STD 54D	102(31)	22E7
XL	STD 54D	102(31)	22E7
XM	STD 57D	102(20, 29)	APP FIG. 21, 30B1,C1
XN	STD 57D	102(20, 29,52,95)	APP FIG. 21,34, 15H5,17F7,30B1,C1
XO	STD 81B	188	14E1
XP	STD MD 57D REPL BY OPT XQ		APP FIG. 34

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
XQ	STD 57D		APP FIG. 34 30B3,B4,B5,C2
XR	STD 57D	160	18O
XS	STD 59D	102(143)	APP FIG. 390
XT	STD 59D	102(143)	APP FIG. 390
XU	STD MD 57D	171	20E1,E3,F2
XV	STD 57D	171,184	20E1,E3
XW	STD 59D	102(111)	APP FIG. 186
XX	STD 87B	195	8D4
XY	STD 59D	102(142) 301	
XZ	STD 59D	172	APP FIG. 5
WA	STD 61D	102(146)	APP FIG. 405, 19D0
WB	STD 61D	102(146)	19B7
WC	STD A&M 54D	156	11F6
WD	STD 54D	156	11F6
WE	STD 61D	173	APP FIG. 154, 14E3
WF	STD MD 64D REPL BY OPT WK	174	APP FIG. 236
WG	STD 64D	102(149)	25D1
WH	STD MD 22D STD 64D	102(149)	APP FIG. 393

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
WI	STD 65D A&M 67D	102A(8)	APP FIG. 408
WJ	STD 65D	102(157)	6G0,G1
WK	STD 64D A&M 67D	175	APP FIG. 236
WL	STD 56B	102(136)	APP FIG. 384
WM	STD 65D	102(95, 96)	17G0
WN	STD 65D	102(95)	17A0, F0
WO	STD MD 67D REPL BY OPT WP	177	14A5
WP	STD 67D	177	14A5
WQ	A&M 67D	176	APP FIG. 420
WR	STD MD 67D REPL BY OPT WS	179	APP FIG. 43
WS	STD 67D	179	APP FIG. 43
WT	STD 73D	102 (95,101)	17F6,19C7,C8
WU	STD 73D	102 (95,101)	17C7,C8
WV	STD 73D	102 (95,101)	17D7,D8,F7,F8
WW	STD 73D	102 (95,101)	17C8,D7,E7

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
WX	STD 73D	102(95)	APP FIG. 49, 19E8
WY	STD 73D	102(101), 192	16F7,17A0,F6, F0,18E2,G3, F6,H4,21F1, F2,G1,G2
WZ	STD 75D	102(98)	APP FIG. 232
VA	STD 75D	102(159), 181	
VB	STD 78D	102(160)	22B6,30B8
VC	STD 78D	102(160)	22B7,C7,30B8
VD	STD 79B	184	21C1,C3
VE	A&M 79B	184	APP FIG. 23, 20A1,B1,B2, C8
VF	STD 79B	102(106), 184	APP FIG. 243 20D1,E1,E2
VG	STD 79B	102(161), 184	APP FIG. 398 21A1,B1,C1, C3
VH	STD 79B	184	20C8,D8
VI	STD 79B	184	20C8,D8
VJ	MD 79D	184	20B1,B3
VK	STD 79B	102(106)	20E1,E3
VL	STD 79B	102(166)	15B1
VM	STD 79B	102(162)	24D2,E2,F2

ISSUE 96B

MASTER TEST FRAME
JACK, LAMP AND KEY

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BELL TELEPHONE LABORATORIES INCORPORATED

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APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
VN	STD 78B MD 81B	~~102 (162)~~	APP FIG. 431
VO	STD 81B	102(168)	17C0, D4, F6
VP	STD 81B	102(168)	17C0, D4, F6
VT	MD 81B REPL BY OPT VU	189	15G6
VU	STD 81B	189	APP FIG. 168, 15G6
VV	STD 81B	102(167)	15B1, E1
VW	A&M 81B	191	20C4
VX	STD 81B	191	20D4
VY	STD 81B	191	21C7, D7
VZ	A&M 83B	192	17F1, F2, F4
UA	STD 83B	192	17C1, C4, C7, 18D7, D8
UB	STD 83B	192	17D2, D7, E4, F1, F2, F3, G1, 18F7, F8
UC	STD 83B	192	APP FIG. 49, 17B4, C1, D7, 18D7, D8
UD	STD 83B	192	19F1
UE	STD 83B	192	19F1
UF	STD 83B	192	17E2, F4, E4, G1, G2
UG	STD 83B	192	APP FIG. 49, 17F4, G1, G2
UH	MD 83B (REPL BY UI)	193	APP FIG 425
UI	STD 83B	193	APP FIG 425
UJ	MD 86A (AC)	194	APP FIG. 427
UK	STD 86A (AC)	194	APP FIG. 427
UL	STD 87B	102(36)	8E4
UM	STD 87B	102(36)	8E4
UN	STD 90B	102(95), 192	18G4
UO	STD 90B	102(162)	18D7, F7
UP	STD 87B MD 89A (AC)	196	24B2, F2, F3
UQ	STD 87B STD 89A (AC)	196 102(162)	24C2, E3, F2, G3
UR	STD 83B	192	13F4, H4
US	STD 88B	191	13A0
UT	STD 88B	102 (169)	11G6
UU	STD 90B	102 (164)	15F5
UV	STD 90B	102 (164)	15F5
UW	STD 89A (AC)	102 (162)	24B1, D2
UX	STD 89A (AC)	102 (162)	APP FIG 431
UY	STD 90B	102 (162)	APP FIG 431, 18D7, E7
UZ	STD 90B	102 (162)	APP FIG 431
TA	STD 90B	102 (170)	17E3
TB	STD 90B	102 (170)	17E3
TC	STD 93B	102 (142), 191	21D3, F1, F2 G1, G2
TD	MD 94B	191	20A8, B8, C8
TE	A&M 94B	139, 191	20A8
TF	STD 94B	102, (106), 191	20A8, B8, C8
TG	STD 94B	102 (106), 142, 191	20B8
TH	STD ~~96B~~	102(96), 142(F)	19B6, C8
TI	STD 96B	192(F)	19A8, B8
TJ	STD 96B	192(G)	APP FIG 428
TK	STD 96B	192(H)	APP FIG 428
TL	STD 97B	1100	17G8
TM	STD 97B	1100	17H0
TN	STD 97B	102(83)	15A2

ISSUE 97B

MASTER TEST FRAME
JACK, LAMP AND KEY

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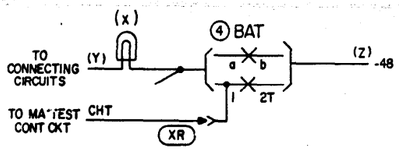
BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

FS 1

PROGRESS AND IDENTIFICATION LAMPS AND LAMP BATTERY CUTOFF

SEE TABLE A



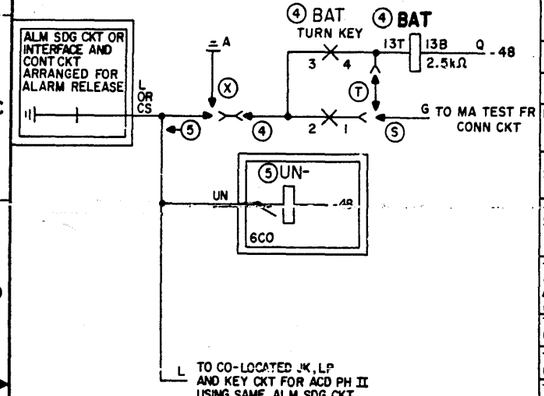
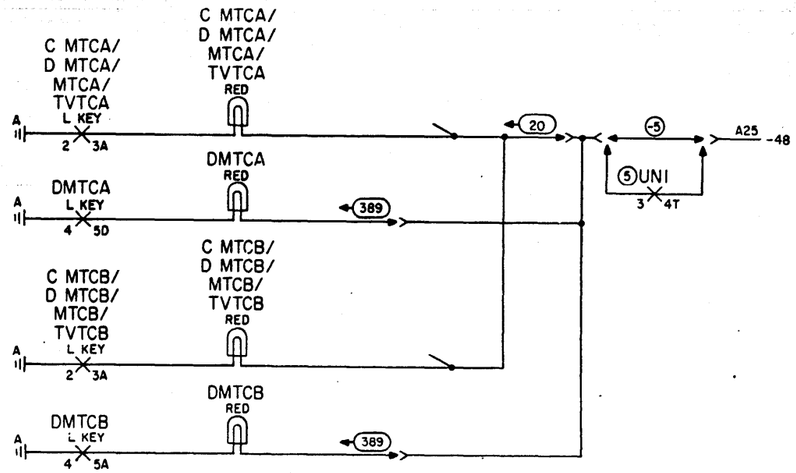


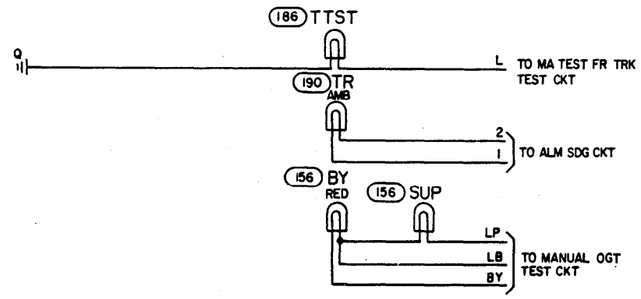
TABLE A

LAMP DESIG (X)	APP FIG	OPT	LAMP CAP COLOR	LEAD DESIG (Y)	CONNECTING CKT	PROVIDE ONE PER	④ BAT REL CONT (a)	④ BAT REL CONT (b)	FUSE (Z)	RATED	ISS	REMARKS
SG0 (0-2)	47		WH	SGL	PRTC CKT (REG & IR)	3 PER PRT CONN (REG & IR)	9	10T	A4			
SG1 (0-2)	47		WH	SGL	PRTC CKT (REG & IR)	3 PER PRT CONN (REG & IR)						
SG2 (0-2)	47		WH	SGL	PRTC CKT (REG & IR)	3 PER PRT CONN (REG & IR)						
CCP (00-19)	1		WH	CCLP	CONF CONT CKT	CONF CONT-POS IN MKR CONN	1	2B	A6			
DRP-	1		WH	RLP	DIGIT REG MKR CONN CKT	DIGIT REG POS IN MKR CONN	1	2B	A6			
IRP (00-14)	1		WH	RLP	MKR CONN CKT, INC REG MKR CONN CKT-REG PART	REG POS IN MKR CONN	1	2B	A6			
LLC (00-59)	1		WH (2-W) GN (4-W)	LLF	L,L LK & CONN CKT, L LK CONN CKT, L LK MKR CONN CKT FOR ACD	LINE LK FR	1	2T	A0			
NGC (00-39)	1		WH	NGF	NO. GR & CONN CKT NO. GR CONN CKT	NO. GR FR	5	6T	A2			
ORP (00-19)	1		WH	RLP	MKR CONN CKT, ORIG REG MKR CONN (REG PART)	REG POS IN MKR CONN	1	2B	A6			
RSG (0-2)	1		WH	RSG	PRT CONN CKT	REG SUBGROUP IN PRT CONN (3 PER MKR GR)	9	10T	A4			SEE NOTE 112
				RG	PRT CONN CKT-ORIG REG PART							
SC	1		WH	C	OUTGOING SDR CONN, OUTGOING SDR CONN-MKR PART	SDR CONN	3	4B	A7			
SCSP	1		WH	SLP	OUTGOING SDR CONN CKT, OUTGOING SDR CONN CKT - SDR PART	SDR POS IN SDR CONN, TV CONN, CAMA TV CONN OR ANI TV CONN	3	4B	A7			
TLC 2-W (00-29) 4-W (00-19)	1		WH (2-W) GN (4-W)	TLF	TRK LK & CONN CKT, TRK LK CONN CKT FOR ACD	TRK LK FR	3	4T	A1			
TLLC (0-3)	1		WH	LLF	TR LINE LK CONN CKT	TR LINE LK FR	7	8B	A9			
TRP (00-14)	1		WH	RLP	TR REG MKR CONN CKT-REG PART	REG POS IN MKR CONN	7	8B	A9			
TTLC (0-3)	1		WH	TLF	TR TRK LK CONN CKT	TR TRK LK FR	7	8B	A9			
TVCSP (00-19)	1		WH	SLP	TV CONN CKT, CAMA TV CONN CKT, ANI TV CONN CKT	SDR POS IN SDR CONN, TV CONN, CAMA TV CONN OR ANI TV CONN	5	6B	A8			

FS 2

MISC LAMPS





MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 6S	ISSUE 968
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PART OF FS 3

ALARM TIME-OUT AND BUSY LAMPS

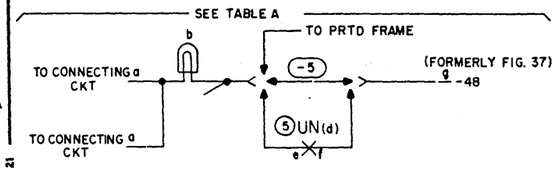

TABLE A

LAMP DESIG (b)	APP FIG.	OPT	LAMP CAP COLOR	LEAD DESIG (a)	CONNECTING CKT	PROVIDE ONE PER	REL. DESIG (d)	CONT (e)	CONT (f)	FUSE (g)	RATED	ISS	REMARKS	PREV FUSE NOTE
911PS	2		AMB	911	FREE TRK CKT ARRA FOR EMER REPORTING 911 OPERATION	MARKER GROUP	UN3	11	12B	A59				
ACDP	2		AMB	PS	LINE CKT FOR ACD	ACD	UN3	11	12B	A59				
ACTA	2		WH	ACT	RCDR AND RCDR CONT CKT A (UNIT)	RCDR AND RCDR CONT CKT	UN3A	7	8T	A11				
ACTB	2		WH	ACT	RCDR AND RCDR CONT CKT B (UNIT)		UN3A	7	8T	A11				
ACTVB	2		WH	AB	ALL TRANSVERTERS BUSY CKT	CAMA TV GROUP	UN1	3	4B	A31				
AGCB-	381		AMB	AGB-	ACCESS GR CONTROLLER CKT		UN1	3	4T	A25				
AGCS-	235		RED	AGS	GATE CONTROL CKT		UNO	1	2T	A12				
AIOOT(0-2)	201		WH	TR-L	AIOO TRNSL CONN CKT	PBX AIOO TRNSL CKT	UN1	7	8T	A27				
AIS LMB (0-9,I10-19)	2		WH	LAMP	LINE CKT FOR AUTO. INCPT	LINE CKT FOR AUTO. INCTP	UN3	11	12B	A59				
							UN3B	11	12T	B5				
AL(0-4)	2		RED	ALS	POS TRK GATE AND CONT CKT FOR ACD	POS TRK GATE AND CONT CKT FOR ACD	UN1	3	4T	A25				
AMAT(0-39)	30	ZI	WH	TR-L	AMA TRNSL CKT	AMA TRNSL CKT	UN1	1	2T	A24				
AMB	2		WH	AB	ALL MARKERS BUSY	GRP OF COMB MARKERS	UNO	3	4T	A13	MD			
ANN MJ	419		RED	ALM	TO ANNOUNCEMENT CONT CKT FOR ACD AND TO LINE CKT	ACD MKR GROUP	UN1	5	6T	A26				
ANS	362 395		WH	L	OUTGOING AUDIO CODE 101 TEST TRK CKT FOR WB SERVICE		UN3A	9	10T	A70				
AN TRK (00-19)	2		WH	ATL	ANNOUNCEMENT TRK CKT	ANNOUNCEMENT TRK CKT	UN1	11	12T	A29				
ATVB	2		WH	AB	ALL TRANSVERTERS BUSY CKT	TV GROUP	UN1	3	4B	A31				
B	16		GN	BL	PLUGGING-UP LINE CKT	PLUGGING-UP LINE CKT	UN2	11,3	12T, 4B	A41,43			PU60-79, PU80-99	
BI(0,1)	171		WH	BIL	CAMA BILLING INDEXER CKT	CAMA BILLING INDEXER CKT	UN1	5	6T	A26				
BS TDF	2		AMB	FF	2-WAY 900 OHM TRK CKT OR INTERTOLL TRK FOR BS SERVICE AND ARRANGED FOR USE AS TEST TRK NO.1	2-WAY 900 OHM TRK CKT OR INTERTOLL TRK FOR BS SERVICE AND ARRANGED FOR USE AS TEST TRK NO.1	UN3A	9	10T	A70				
CAL MB	2			RMB	ATND LINE CKT, OR LINE CKT, LLP, FOR CENTRALIZED ATND OPERATION	ATND LINE CKT, OR LINE CKT, LLP, FOR CENTRALIZED ATND OPERATION	UN3A	9	10T	A70				
CAMB	2		WH	AB	ALL MARKERS BUSY	GRP OF COMB. MARKERS OR SUBGROUP OF COMPL MARKERS	UNO	7	8B	A21				
CAT MB-	2		WH	RMB	ATND OUTGOING TRK, DIAL ZERO CALLS FOR CENTRALIZED ATND OPERATION	ATND OUTGOING TRK, DIAL ZERO CALLS FOR CENTRALIZED ATND OPERATION	UN3B	5	6T	B2				
CCSA MB	2		WH	RMB	ATND TRK CKT FOR REMOTE ATND FOR CCSA OFF. ARRANGED FOR OFF-NET ACCESS	ATND TRK CKT (REMOTE ATND) FOR CCSA WHEN THE 17E TSTBD IS NOT PROVIDED	UN3A	1	2T	A67			CAD 272 FOR 1ST 20 TRK CIRCUITS	
				RMB	2-WIRE 2-WAY TRK CKT FOR OFF-NET ACC SRV IN CCSA	2-WIRE 2-WAY TRK CKT FOR CCSA WHEN THE 17E TSTBD IS NOT PROVIDED	UN3A	3	4T	A68			2ND 20 TRK CIRCUITS	
							UN3A	5	6T	A69			3RD 20 TRK CIRCUITS	
CCTA-	2		RED	ALM	CONF CONT CKT	CONF CONT CKT	-	-	-	A60				
CDC	350		AMB	DCC	DYNAMIC OVERLOAD CONT CKT	CONTROL CKT	UN3A	9	10T	A70	MD		SEE NOTES 186,199	
CGLO-9	236	WF	WH	CGL	L,L LK AND MKR CONN CONT CKT FOR ACD	MKR GROUP	UNO	3	4T	A13				
CLRR	168	VU	RED				UN1	3	4T	A25			SEE FS 13,1566	
CMBA	2		WH	BA	ALL MARKERS BUSY	GR OF COMB. MARKERS OR SUBGROUP OF COMPL MARKERS	UNO	7	8B	A21				
CMCGA	2		RED	TLA	MKR CONN CKT, MA TR CONT FOR MKR CONNECTORS	GR OF COMB. MARKERS OR SUBGROUP OF COMPL MARKERS	UNO	9	10B	A22				
CMCGB	2		RED	TLA			UNO	9	10B	A22				
CMS-TBL	176		RED	TBL	CAMA SUSPENSION CKT	MA TEST FR	UN1	3	4T	A25				

TABLE A

LAMP DESIG (b)	APP FIG.	OPT	LAMP CAP COLOR	LEAD DESIG (a)	CONNECTING CKT	PROVIDE ONE PER	REL. DESIG (d)	CONT (e)	CONT (f)	FUSE (g)	RATED	ISS	REMARKS	PREV FUSE NOTE
CSAB	2		WH	LPCB	COIN SUPV RELEASE	COIN SUPV RLS CKT	UNO	7	8B	A21			SEE NOTE 117	
CSAL	154	WE	RED	LP	COIN SUPERVISORY CKT	MA TEST FR	UNO	5	6B	A20			SEE NOTE 117	
CSCT	2		WH	LPCC	COIN SUPV RELEASE	COIN SUPV RLS CKT	UNO	7	8B	A21			SEE NOTE 117	
CSGB	2		WH	LPCB	TRF REG	COIN SUPV LK GROUP	UNO	7	8B	A21				
CTVBA	2		WH	BA	ALL TRANSVERTERS BUSY CKT	CAMA TV GROUP	UN1	3	4B	A31				
CTVC(0-3)	2		RED	C	CAMA TV CONN CKT	CAMA TV CONN CKT	UNO	11	12B	A23				
CTV(0-3)	27		WH	TV	TV CKT, CAMA TV CKT, ANI TV CKT OR PROG CONTROLLED TV CKT	TV, CAMA TV, PROG CONTROLLED TV, OR ANI TV GR	UN1	7	8T	A27				
CWALO-9	236	WK	AMB	CWAL	L,L LK AND MKR CONN CONT CKT FOR ACD	MKR GROUP	UNO	3	4T	A13				
DAMB	2		WH	AB	ALL MARKERS BUSY	SUBGROUP OF DT MARKERS	UNO	7	8B	A21				
DL	2		WH	DL	DIAL TONE MKR, COMPL MKR, CAMA TV, ANI TV, CALL DISTRIBUTION MKR, ROUTE TRNSL, STUCK SDR TRK IDENT, TRK CONT, RCDR AND RCDR CONT (BC), MKR, TV, RCDR, MA TIMING, PRT (REG, IDOD AND IR), AUTO. MON REG AND SDR TEST CKT OR TRANSLATOR ACCESS CKT	MKR, TV, RCDR, MA TIMING CKT, PRT (REG, IDOD AND IR), AUTO. MON REG AND SDR TEST CKT (SEE NOTE 112), ROUTE TRNSL, STUCK SDR TRK IDENT, TRK CONT, RCDR AND RCDR CONT CKT OR TRANSLATOR ACCESS CKT	UNO	1	2T	A12			FOR RCDR 00-19, ACDMO-5, TRK CTRL 00-19	
							UNO	3	4T	A13			SSTI, DTMO-5, CMO-11	
							UNO	5	6T	A14			TVO-9 OR TVO-5, CTVO-3, OR EMR, MTE, MTO, MT, MTALM, MTACO, FOR RTO-1	
				DL1	RCDR AND RCDR CONT CKT (SC)	RCDR AND RCDR CONT CKT	UNO	1	2T	A12				
DLNO, 1, 2, 4, 7	367		WH	DLNO, 1, 2, 4, 7	PBX-AIOO-A2 STATION IDENT TEST CKT	A2 SYSTEM (MAX TWO)	UN1	3	4B	A31			PAIR WITH LEAD DLNG (AS GRD)	
DMBA	2		WH	BA	ALL MARKERS BUSY	SUBGROUP OF DT MARKERS	UNO	7	8B	A21				
DMCGA	2		RED	TLA	MA TR CONT FOR MKR CONNECTORS, MKR CONN	SUBGROUP OF DIAL TONE MARKERS	UNO	9	10B	A22				
DMCGB	2		RED	TLB										
DRE	2		WH	DRE	DIRECTIONAL RSVN CKT	DIRECTIONAL RSVN CKT	UN3	11	12B	A59				
DRMC-	2		RED	L	CONN CONT FOR DIGIT REG MKR CONN CKT	DIGIT REG MKR CONN CKT	UNO	5	6B	A20				
DRTO	10		2-W WH 4-W GN	LP	DIGIT REG CKT	DIGIT REG CKT								
EMB	2		WH	EMB	RANGE EXTENDER CKT	MA TEST FR	UN3	11	12B	A59				
EMR	28	ZX	WH	R	RCDR AND RCDR CONN CKT	RCDR FOR PAPER TAPE RECORDING	UN1	9	10T	A28				
FAT (A0-3, B0-3)	161		WH	FATBL	FOREIGN AREA TRNSL CKT	FOREIGN AREA TRNSL CKT	UN1	1	2B	A30			SEE NOTE 115	
FGFO-9	236	WF	RED	FGFL	L,L LK AND MKR CONN CONT CKT FOR ACD	MKR GROUP	UNO	3	4T	A13				
GITO	235		RED	GIT	GATE CONT CKT		UNO	1	2T	A12				
IAOMB(0-2)	2		AMB	MBL	IAO TRK CKT FOR COIN LINES W/WO TIMING	IAO TRK CKT FOR COIN LINES USED IN TESTING COIN SUPV CIRCUITS (MAX 3)	UN3A	9	10T	A70				
IO	205		WH	IDL	TR LINE IDENT CKT	TR LINE IDENT CKT	UN1	7	8T	A27				
IRGB	2		WH	LP	TRAF REG CKT	INC REG GROUP	UNO	1	2B	A18				
IR PRTC (0-2)	2						UNO	9	10B	A22				
IRMCO(0-3), IRMC1(0-3), IRMC2(0)	2		RED	C	INC REG MKR CONN CKT, CONN CONT FOR INC AND ORIG REG MKR CONN	INC REG MKR CONN CKT	UNO	5	6B	A20				
IRST	2		WH	RBL	GROUP BUSY	INC REG GROUP	UNO	3	4B	A19				

ISSUE 93B

MASTER TEST FRAME
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PART OF FS 3

ALARM TIME-OUT AND BUSY LAMPS

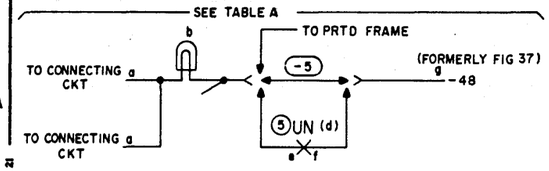

TABLE A

LAMP DESIG (b)	APP FIG	OPT	LAMP CAP COLOR	LEAD DESIG (a)	CONNECTING CKT	PROVIDE ONE PER	REL DESIG (d)	CONT (e)	CONT (f)	FUSE (g)	RATED	ISS	REMARKS	PREV FUSE NOTE
L	16		RED	L	PLUGGING-UP LINE CKT	PLUGGING-UP LINE CKT	UN2	9,1	10T,2B	A10/A2			PU 60-79, PU 80-99	
LDMN (0-4)	2		AMB	1DA	LEVEL DET CKT FOR ACD	LEVEL DET CKT FOR ACD (MAX 5)	UNO	3	4T	A13				
LLMC (00-59)	2		RED	C	L LK MKR-CONN CKT, L,L LK AND MKR CONN CONT CKT	L LK MKR CONN CKT	UNO	7	8T	A15			00-29	
							UNO	9	10T	A16			30-59	
LLMC0-9	236		RED	C	L,L LK AND MKR CONN CONT CKT FOR ACD	MKR GROUP	UNO	7	8T	A15				
LPO	182		GN	LP	TONE ANNCUNCEMENT AND PERM SIG OVERFLOW TRK CKT	4-WIRE TONE ANN AND PERM SIG OVERFL TRK CKT	SEE NOTE 218			~~A44~~ 48			YP OPT (M.D.) YQ OPT (SEE SHEET B6)	
LPH (00-49)	183		GN	LP	PERM SIG HOLDING TRK	4-WIRE PERM SIG HOLDING TRK	UN3	5	6T	A50			LPH00-19	
								7	8T	A51			LPH20-39	
								9	10B	A58			LPH40-49	
LTD(1-5)	15		WH	L	TEST TRK FROM TEST DESK	TEST CKT	UN3	3	4T	A49			SEE NOTE 206	
M,M-C-, OR M-D	8		WH	MBL	MKR CKT	MKR CKT	UN1	5	6T	A26				
MBA	2		WH	BA	ALL MARKERS BUSY	GROUP OF COMB. MARKERS	UNO	7	8B	A21	MD			
MCGA,MCGAC, MCGADA, MCGADB	2		RED	TLA	MKR CONN CKT	GROUP OF COMB. MARKERS	UNO	9	10B	A22			SEE NOTE 1	
MCGB,MCGBC, MCGBDA, MCGBDB	2		RED	TLB	MKR CONN CKT	GROUP OF COMB. MARKERS	UNO	9	10B	A22			SEE NOTE 1	
MDT MB	434		WH	MBL	MAINTENANCE DATA TRANSMITTER CKT	MKR GROUP								
MJ A10D	367		RED	MJB	PBX-A10D-A2 FUSE ALM AND MISC CKT	A2 SYSTEM (MAX TWO)	UN1	3	4B	A31			PAIRED WITH MJG LEAD (AS GRD)	
MJ A10D	386		RED	MJB	PBX-A10D-A1 FUSE ALM MISC CKT	MKR GROUP	UN1	3	4B	A31				
MN A10D	367		AMB	MNB	PBX-A10D-A2 FUSE ALM AND MISC CKT	A2 SYSTEM (MAX TWO)	UN1	3	4B	A31			PAIRED WITH MNG LEAD (AS GRD)	
MN A10D	386		AMB	MNB	PBX-A10D-A1 FUSE ALM AND MISC CKT	MKR GROUP	UN1	3	4B	A31				
MN-SSTI	374		AMB	SSTI	STUCK SDR TRK IDENT CKT	MKR GROUP	UN1	3	4B	A31				
MT ALM	2		RED	MTT	MA TIMER FOR MAG TAPE RECORD ALARM	MA TIMER FOR MTR MAG TAPE RECORD ALARM	UNO	5	6T	A14				
MTE	2		WH	MTE	MA TIMING FOR PAPER TAPE RECORDING	EVEN MA TIMING FOR PAPER TAPE RECORDING	UN1	3	4B	A31				
MTO	2		WH	MTO		ODD MA TIMING FOR PAPER TAPE RECORDING	UN1	3	4B	A31				
MTRC	2		RED	MTRC	RCDR AND RCDR CONT CKT	RCDR AND RCDR CONT CKT	UN3A	7	8T	A11				
NGCA(0-2)	2		WH	NGC1	DIRECT ACCESS PRETRANSLATOR CONN	DIRECT ACCESS PRETRANSLATOR	UN1	3	4B	A31				
NGCB(0-2)				NGC2										
NMO,1	173		WH	NMO,1	CAMA LINE OBS NO. MATCHING CKT	CAMA LINE OBS NO. MATCHING CKT	UN1	7	8T	A27				
NPA	235		RED	NPT	GATE CONT CKT		UNO	1	2T	A12				
OAN	213		AMB	GD	DIAL TONE OR COMB. MKR	MA TEST FR AS REQD	UN1	3	4T	A25				
ORBR(0-3) ORBDP ORBMF	2		WH	LP	TR REG CKT	TYPE OF ORIG REG GRP	UNO	9	10B	A22			FOR DP OR MF REG 0-3 GRP	
ORMC0(0-3), ORMC1(0-3), ORMC2(0,1)	2		RED	C	CONN CONT FOR INC AND ORIG REG MKR CONN CKT	ORIG REG MKR CONN	UNO	5	6B	A20				
ORSTR(0-3) ORSTDP ORSTMF	2		WH	RBL	GR BUSY CKT	TYPE OF ORIG REG GROUP	UNO	9	10B	A22			FOR DF, MF OR RO-3 GRP	
ORTO	10		2W WH, A-W GN	10	ORIG REG CKT	ORIG REG	SEE NOTE 218			A32, 35				
OSA	2		AMB	OS	RCDR AND RCDR CONT CKT (A UNIT)	RCDR AND RCDR CONT CKT	UN3A	7	8T	A11				
OSB	2		AMB	OS	RCDR AND RCDR CONT CKT (B UNIT)		UN3A	7	8T	A11				
PDI	2		RED	PDI	ETS-POWER AND DATA INTERFACE	MKR GROUP	UN1	3	4T	A25				
PRT-	2						UNO	3	4T	A13				
PRT	45		WH	PBL	PRT CKT (REG, IDDD AND IR)	PRT (REG, IDDD AND IR)	UN1	1	2B	A30			SEE NOTE 112	
PRTC(0-2)	2		RED	C	PRT CONN CKT (REG AND IR)	PRT CONN (REG AND IR)	UNO	9	10B	A22			SEE NOTE 112	
PS	2		AMB	PS	TRK AND LINE CIRCUITS REG PERM SIG ALM	MKR GROUP	UN3	11	12B	A59				

TABLE A

LAMP DESIG (b)	APP FIG	OPT	LAMP CAP COLOR	LEAD DESIG (a)	CONNECTING CKT	PROVIDE ONE PER	REL DESIG (d)	CONT (e)	CONT (f)	FUSE (g)	RATED	ISS	REMARKS	PREV FUSE NOTE
PS	12		WH	L	COMMON OVERFLOW TRK		SEE NOTE 218			~~A44~~ 48			YP, YQ (SEE SHEET B6)	
PSC(0-3)	29		WH	LP	PERM. SIG CONC CKT	CONC CKT	UN1	1	2B	A30				
PSD	386		WH	PS	PBX-A10D-A1 STATION IDENT TEST CKT	MKR GROUP	UN1	3	4B	A31			PAIRED WITH PSG LEAD (AS GRD)	
R(00-19)	28	ZW	WH	R	RCDR AND RCDR CONN CKT		UN1	9	10T	A28				
R(20-29)	28	ZW	WH	R			UN33	11	12B	B11				
RA0-4	235		RED	RASO-4	GATE CONTROL CKT		UNO	1	2T	A12				
RGA0-9	236		WH	RGA	L,L LK AND MKR CONN CONT CKT FOR ACD	MKR GROUP	UNO	5	6T	A14				
RL SB-	363		AMB	S-	WIDEBAND LK CKT	REMOTE LK	UN3A	1	2B	A73				
								3	4B	A74				
								5	6B	A75				
								7	8B	A76				
								9	10B	A77				
RMB	2		WH	RMB	OGT CKT FOR INFO SVC W/WO TDM ACC, W/WO AMA WITH COIN RETURN	OGT CKT	UN3B	11	12T	B5				
RRC CHMB (0-2)	2		AMB	CMB-	RCDR AND RCDR CONT CKT	RCDR AND RCDR CONT CKT CHANNEL (MAX. 3)	UN3A	7	8T	A11				
RSMJ	2		RED	MJL	REMOTE SW SIG CONT CKT	REMOTE SW SIG CONT CKT	UN3A	11	12T	A72				
RSMN	2		AMB	MNL	REMOTE SW SIG CONT CKT	REMOTE SW SIG CONT CKT	UN3A	11	12T	A72				
RTMB(0,1)	2		AMB	BY	PREF CONT CKT FOR ROUTE TRNSL CONN	ROUTE TRANSLATOR	UN3	11	12B	A59				
SALM	2		RED	SALM	RCDR AND RCDR CONT CKT	RCDR AND RCDR CONT CKT	UN3A	7	8T	A11				
SBYA	2		WH	SBY	RCDR AND RCDR CONT CKT (A UNIT)		UN3A	7	8T	A11				
SBYB	2		WH	SBY	RCDR AND RCDR CONT CKT (B UNIT)		UN3A	7	8T	A11				
SG(0-4)	2		RED	SGS	POS TRK GATE AND CONT CKT FOR ACD	POS TRK GATE AND CONT CKT FOR ACD	UN1	3	4T	A25				
SG(0-2)	47		WH	SGL	PRT CONN CKT (REG AND IR)	3 PER PRT CONN (REG AND IR)	UN1	1	2B	A30			SEE NOTE 112	
SGB(0-11)	2		WH	LP	TR REG CKT, SDR GR BUSY ALM, SDR GR BUSY ALM CONT CKT	SDR GR	UNO	11	12T	A17				
SGC CIF-	408	WI	AMB	CIF-	SEQ GATE CONT CKT	SEQ GATE CONT CKT (MAX 5)	UNO	1	2T	A12				
SGC MCIF	408	WI	AMB	MCL-			UNO	11	12T	A17				
SGC SAL-	408		RED	ALS-			UNO	1	2T	A12				
SGC SMB-	408		AMB	MBL-			UNO	11	12T	A17				
SGC XG-	408		RED	XGS-			UNO	1	2T	A12				
SIT	235		RED	SIT	GATE CONT CKT		UNO	1	2T	A12				
STX0-9	235		RED	STSO-9			UNO	1	2T	A12				
TAMB	2		WH	MBL	TEST ACCESS TRK OR TEST LINE CKT OR CODE 970 TEST LINE CKT FOR ACD	TEST ACCESS FR FOR ACD	UN3	11	12B	A59				
TBLA	2		RED	TBL	RCDR AND RCDR CONT CKT (A UNIT)	RCDR AND RCDR CONT CKT	UN3A	7	8T	A11				
TBLB	2		RED	TBL	RCDR AND RCDR CONT CKT (B UNIT)		UN3A	7	8T	A11				
TC(00-19)	390	XS	WH	R	TRK CONT CKT	TRK CONT CKT	UN1	9	10T	A28				
TC EMER	390	XT	AMB	R			UN1	9	10T	A28				
TDA	405		AMB	TDA	CALENDAR AND CLOCK CKT	MKR GROUP	UN1	9	10T	A28				
TLLMC(2-3)	2		RED	C	TR L LK AND MKR CONN CKT	TR L LK AND MKR CONN CKT	UN1	11	12T	A29				
TO	11		2W WH, 4W GN	LP	INC REG CKT	INC REG CKT	UN2	1	2T	A36			1ST 40 IR	LAST 30 IR
								3	4T	A37			2ND 40 IR	3RD 40 IR
								5	6T	A38			3RD 40 IR	2ND 40 IR

NOTES:

1. MCGA OR MCGA(C,D) OR MCGA(C,DA,DB); MCGB OR MCGB(C,D) OR MCGB(C,DA,DB)

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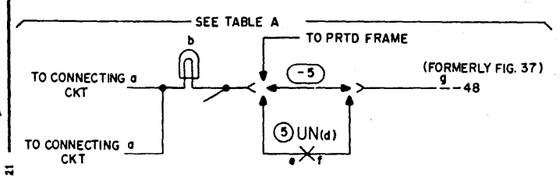
ALARM TIME-OUT AND BUSY LAMPS



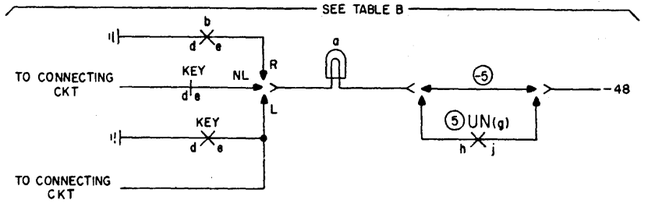


TABLE A

LAMP DESIG (b)	APP FIG.	OPT	LAMP CAP COLOR	LEAD DESIG (a)	CONNECTING CKT	PROVIDE ONE PER	REL DESIG (d)	CONT (e)	CONT (f)	FUSE (g)	RATED	ISS	REMARKS	PREV FUSE NOTE
TO	19		WH	LP	SDR CKT		UNO	5	6T	A14			SDR 0.0-3.4	202
								7	8T	A15			SDR 4.0-7.4	202
								11	12T	A17			SDR 12.0-15.4	202
								11	12B	A23			SDR 8.0-11.4	202
TO	204		WH	LP	TR REG CKT	TR REG CKT								
TO	38		WH	LP0-9	2-WIRE SDR CKT	SDR CKT	SEE NOTE 1						2-WIRE 4-WIRE	
							UN3	9	10T	A52			1ST 20 SDRS 6TH 20 SDRS	
								11	12T	A53			2ND 20 SDRS 5TH 20 SDRS	
			GN		4-WIRE SDR CKT			1	2B	A54			3RD 20 SDRS 4TH 20 SDRS	
								3	4B	A55			4TH 20 SDRS 3RD 20 SDRS	
				LP9	2106			5	6B	A56			5TH 20 SDRS 2ND 20 SDRS	
								7	8B	A57			6TH 20 SDRS 1ST 20 SDRS	
TRAP	386		WH	TP	PBX-A10D-A1 STATION IDENT TEST CKT	MKR GR	UN1	3	4B	A31			PAIRED WITH TPG LEAD (AS GRD)	
TRGB(0-2)	2		WH	GF	TRFR REG CKT	TRFR REG CKT	UN1	11	12T	A29				
TRMC(0-3)	2		RED	C	CONN CONT CKT FOR INC GRG AND TR REG MKR CONNECTORS	TRANSFER REG MKR CONN	UN1	11	12T	A29				
TRNSL	30	ZH	WH	TR-L	AMA TRNSL CKT	AMA TRNSL CKT								
TRR	40		RED	T	SEE FS 16, 1905		UNO	3	4T	A13				
TRST(0-2)	2		WH	RBL	GR BUSY CKT	TRANSFER REG GROUP	UN1	11	12T	A29				
TSD	386		WH	TS	PBX-A10D-A1 STATION IDENT TEST CKT	MKR GROUP	UN1	3	4B	A31			PAIRED WITH TSG LEAD (AS GRD)	
TSMB	2		WH	MB	TRK GROUP TRAFFIC SAMPLING CKT	GROUP OF TRK GR TRAFFIC SAMPLING CIRCUITS	UN3A	7	8T	A11				
TST	2		WH	B	IMMEDIATE RINGING CONT CKT	IMMEDIATE RINGING CONT CKT	UN1	3	4B	A31				
TTR TO	199		WH	LP	TRK TEST REG CKT	TRK TEST REG CKT	UN1	5	6T	A26				
TV(0-9)	27		WH	TV	TV CKT, CAMA TV CKT, ANI TV CKT, PROG CTRLD TV CKT OR TRNSL ACC CKT	TV, CAMA TV, PROG CTRLD TV, ANI TV GR OR TRNSL ACC CKT	UN1	7	8T	A27				
TVBA	2		WH	BA	ALL TV BUSY CKT	TV GROUP	UN1	3	4B	A31				
TVCO(0-2), TVC1(0-2), TVC2(0-2), TVC3(0)	2		RED	C	TV CONN, ANI TV CONN CKT	TV CONN, ANI TV CONN	UNO	11	12B	A23				
TVCGA	2		RED	TLA	TV CONN CKT, MA TR CONT FOR TV CONNECTORS	TV GROUP	UNO	11	12B	A23				
TVCGB	2		RED	TLB										
VSA-	355		RED	LPA	VIDEO SUPV SIG SUPPLY CKT	VIDEO SUPV SIG SUPPLY CKT (MAX 4)	UN3A	11	12T	A72				
VSB0-3	355		RED	LPB										
WBCT MJ	2		RED	ALS	WB CONTINUITY TEST CKT	WB CONTINUITY TEST CKT	UN1	3	4B	A31				
WBLLO	2		AMB	LO	2-WAY LINE CKT, LLP FOR WB SERVICE	(SEE NOTE 150)	UN3A	11	12T	A72				
								1		A73				
WBTLO	2		AMB	LO	2-WAY 900 OHM TRK CKT OR IT TRK CKT FOR EXCHANGE, TANDEM, TOLL CONNECTING OR IT USE IN WB SERVICE WITH OR WITHOUT PHASE III CENTREX.	(SEE NOTE 152)		3	4B	A74				
								5	6B	A75				
								7	8B	A76				
								9	10B	A77				
WB TTR TO	199		WH	LP	WB TRK TEST REG CKT	WB TRK TEST REG CKT	UN1	5	6T	A26				

TABLE B

LAMP DESIG (a)	APP FIG.	OPT	CAP COLOR	TYPE R = RELAY NL = NONLOCK L = LOCK C = CONN CKT	RELAY AND/OR KEY DESIG (b)	APP FIG.	OPT	CONT B/M	CONT d	CONT e	CONT GRD	UN-CONT DESIG (g)	UN-CONT CONT NO. h	UN-CONT CONT NO. j	FUSE	CONNECTING CKT LEAD DESIG	CONNECTING CKT CKT	REMARKS
ACV	34		WH	R	ACV	34		B	1	2T	E	UNO	7	8B	A21			REL NORM OPER
ACVA	34	XN	WH	R	ACV1A	34		B	1	2T	BD	UNO	7	8B	A21			REL NORM OPER
CGAT-	379		WH	R	CGAT-	379		M	12	-	BB-				AE-			
CGT	21	F	AMB	L	CGT	21	F	M	2	1	D				A62	CGTL	LINE LOAD CONT CKT	
CGT N PBX	21	G	AMB	L	CGT N PBX	21	G	M	2	1	D				A62	CGTL	LINE LOAD CONT CKT	
CGT PBX	21	G	AMB	L	CGT PBX	21	G	M	2	1	D				A62	CLPTL	LINE LOAD CONT CKT	
CLI	226		RED	R	CLI	226		M	6	-	AM	UN3	11	12B	A59	CLI	SEE 818	
CLPT	21	F	AMB	L	CLPT	21	F	M	2	1	D				A62	CLPTL	LINE LOAD CONT CKT	
CMBA	220		RED	R	CMBA	220		M	-	8	AH	UN3	9	10B	A58			
CORD	362 395		WH	R	CORD	362 395		M	9	-	AW	UN3A	9	10T	A70			
FG	235		WH	R	FG	235		M	2B	1	AN	UNO	3	4T	A13			
FUG	235		WH	R	FUG	235		M	4T	3	AN	UNO	3	4T	A13			
INFR	231		WH	L	INFR	231		M	4	5	AM	UN3	11	12B	A59			
IPRA	218		RED	R	IPRA	218		M	-	9	AK				Y			
MON	425		AMB	R	TLA	425		M	12	-	PC	UN3B	3	4T	B1			
NDO-4	417		AMB	R	NDO-4	417		B	11	-	BE	UN1	5	6T	A26			
NDXO-4	417		RED	R	NDXO-4	422		M	10R 12	-	BE	UN1	5	6T	A26			
PCNV	159		WH OR RED	R	PCNV	159		B	1	2T	A	UNO	11	12B	A23			REL NORM OPER
PSA	184		RED	NL	PSA-AR	184		B	1	2C		UN1	3	4T	A25	PSA	PERMANENT SIGNAL ALARM CKT	
PSA	165		RED	NL	PSA-AR	165		B	1	2C		UN1	3	4T	A25	PSA		
PSA-4W	184		RED	NL	PSA-AR	184		B	4	5C		UN1	3	4T	A25	PSA		
PSA-OS	184	YL	RED	NL	PSA-AR	184		B	4	5B		UN1	3	4T	A25	PSA		YL WRG
PUA	41		RED	R	PU2	41		M	2T	1	J	UNO	9	10B	A22			
R-S-TOA	32		RED	R	TOA	32		M	2B	1	F	UNO	9	10B	A22			
RT-	243		AMB	R	RT-	243		M	-	10	CO-4	UN3A	9	10T	A70			
RTO-4	23		AMB	R	RTO-4	23		M	12T	11	CO-4	UN1	5	6T	A26			
RTCA00-19	398		WH	R	RTCA00-19	398		M	12	-	RTO-4	UN3B	1	2T	B0			
RTCX	396		WH	R	RTCX	396		M	9	-	RTI0	UN3A	7	8T	A11			
RTX00-11	400		WH	R	RTX00-11	399		M	20R9	-	RTI0	UN3A	7	8T	A11			
TL-PC00-19	425		AMB	R	SEE B22							UN3B	3	4T	B1			SEE NOTE 193
TRL	181		AMB	R	TRL	181		M	6	-	Q				A62			
TST	235		WH	R	TST1	235		M	4T	3	AN	UNO	1	2T	A12			

NOTES:

1. TO A- FUSE VIA APP FIG 371 IF UN3 RELAY NOT PROVIDED.

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

3D-25762-01-84

FS 4

ATTENDED OFFICE AND LAMP BATTERY CUT-OFF CONTROL

TABLE A SHEET B2, B3

(12) PS
(182) LPO
YQ
YP
-5
-48
(5) UN (5)
1-5
(189)

A1,3,5
1,3,5 1U 2U A44,46,48 -48
B A44,46,48 -48
5,3,1
2450

A2,4
2,4 1L 2L A45,47 -48
B A45,47 -48
4,2
2450

(189) A1-5 Q 11,1,11,1,8 Q -48
(189) OTC (189) OTC NL KEY 2A 1 (189) B 1L 2L Q -48 960

ALARM SENDING CKT
101
UN (5)

UN0-3, (XD) UN3A, (XZ) UN3B (LAMP BATTERY CUT-OFF FOR USE WITH ALM SDG CKT OR INTERFACE AND CONTROL CKT, CAD 52.)
13T 13B Q -48 2.5kΩ

(42) UN4 (GRD CUT-OFF FOR USE WITH ALM SDG OR INTERFACE AND CONTROL CKT, CAD 84)
13T 13B Q -48 2.5kΩ

(162) UN5 (CUT-OFF REL, CAD 104 (MFR DISC.) OR CAD. 134, 135)
(ZN) 13T 13B Q -48 2.5kΩ

UN6-14, (CANCEL TIMED- RELEASE CUT-OFF)
(ZY) UN14A
Q (42) UN4 8B 7 (ZO) (164) 13T 13B Q -48 2.5kΩ
Q (42) UN (ZZ)

UN15, (AUTO. CUT-OFF OF COIN SUPV CKT
(YM) UN15A HOLD FEATURE, CAD 107)
Q (162) UN5 6B 5 (ZS) (169) 13T 13B Q -48 2.5kΩ

M (42) UN4 6B 5 (427) UN16 (POSITIVE IDENT OF RCDR & RCDR CONN CKT, MAJOR ALARMS)
U L 2.5kΩ Y -48

RCDR
-48 X 4B 4T (5C) 2.5kΩ
(430) UN17 (ALARM TRANSFER RELAY SEE NOT 185)
U L 2.5kΩ Y -48

Q (ZP) (162) UN5 8B 7 (ZP) ATR TO LINE INSULATION TEST CONT CKT

Q (WJ) (162) UN5 6T 5 (WJ) A TO FREE TRK CKT ARRANGED FOR EMERGENCY REPORTING 911 OPERATION

AG (YU) (162) UN5 12T 11 (YU) CO TO AUXILIARY PERMANENT SIGNAL HOLDING TRK CKT

UN15, (YM) UN15A (169) Q 2,4,6,8,10(T,B) 1,3,5,7,9 HL TO COIN SUPV CKT

(42) UN4
L 12T 11 G1
10T 9 G2
N 8T 7 G1
6T 5 G2
P 4T 3 G1
2T 1 G2
R 2B 1 G1
4B 3 G2
TO PERMANENT SIGNAL HOLDING TRK CKT

MJ 1986,2481,H3
TO MKR CONN, TV CONN, LINE AUX FOR PUBLIC EMER REPORTING, PRT CONN, LINE, LINE LK AND MKR CONN CONT, MA TRAFFIC CONT FOR MKR CONNECTORS (WS), CONN CONT FOR INC, ORIG AND TRANSFER REG MKR CONN (WS), CAMA TV CONN, MA TR CONT FOR TV CONN (WS), ANI TV CONN, CONF CONTROLLER, TRANSFER LINE LK AND MKR CONN CONT, LINE, LINE LK & MKR CONN CONT CKT FOR ACD, GATE CONT (MFR DISC.) VIDEO SUPV SIG SUPPLY, WIDEBAND CONTINUITY TEST, SEQ GATE CONT CKT.

-48 P (6) MJI 800 MJI
(32) TOA 2T 1
(41) PU2 3 4T
(159) PCNV NOR. OPR 1 2B
(181) TRA 10 (181) TRL 10
(220) CMBA 4
(399) RTX00-11 3 OR 10
(396) RTCX 10
MJ TO ALARM CKT
TO OTHER CIRCUITS REQ SAME AISLE PILOT

-48 MB (ZA) B (8) TO MKR CKT
-48 TB (ZA) B (27) TO TV, CAMA TV OR ANI TV CKT
-48 PB B (46) TO MISC CKT FOR PRT FR

-48 P (7) MNI 800 MN 19A6 MNI
TO PERMANENT SIGNAL HOLDING TRK (MFR DISC.) PLUGING-UP LINE (MFR DISC.), ALL MARKERS BUSY, ALL TRANSVERTERS BUSY, COIN SUPV RELEASE, TR REG, TIME OF DAY (MFR DISC.), ANN. TRK, SDR GR BUSY ALM, SDR GR BUSY ALM CONT, LINE, LINE LK & MKR CONN CONT FOR ACD, GATE CONT (MFR DISC.), POS TRK GATE AND CONT, VIDEO SUPV SIG SUPPLY, STUCK SDR TRK IDENT, CALENDAR & CLOCK, LEVEL DETECTOR FOR ACD

(42) UN4 12B 11
(ZM,Q) Q MNI TO PERMANENT SIGNAL HOLDING TRK CKT
(ZM) MNI TO PLUGGING UP LINE CKT
(ZL) MNI
(R) MNI TO PERMANENT SIGNAL HOLDING TRK CKT

ACVI, (XN) ACVIA NOR. OPR 4 5B
34 34 MN TO ALARM CKT
(218) IPRA 3
TO OTHER CIRCUITS REQ SAME AISLE PILOT

MASTER TEST FRAME JACK, LAMP AND KEY	DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25762-01-	B6

FS 5
GUARD LAMPS

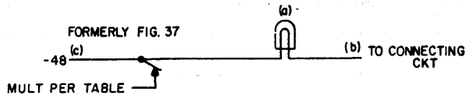
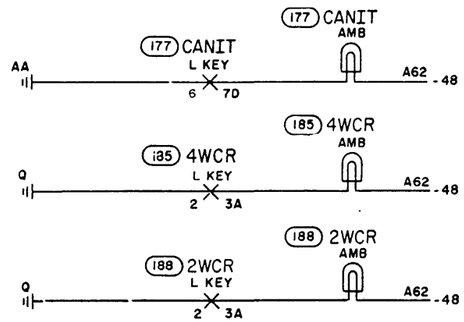


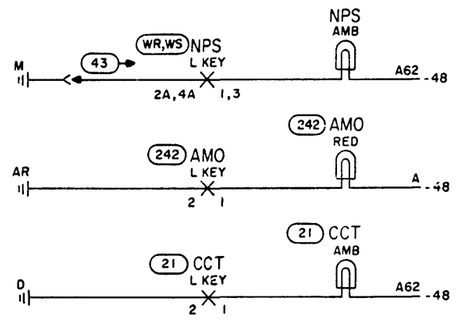
TABLE A

LAMP DESIG (a)	APP FIG	OPT	LAMP CAP COLOR	LEAD DESIG (a)	CONNECTING CKT	PROVIDE ONE PER	FUSE (c)	RATED	ISS	REMARKS
-48	190		RED	48V	ALARM SENDING CKT		A62			
+130	190		RED	HV			A62			
AAL	428	TK	AMB	AAL	INTERFACE AND CONTROL CKT	MKR GR	A62			
ACG	3		AMB	ACG	RCDR & RCDR CONT CKT	RCDR & RCDR CONT CKT	A11			
BDT ACO-	435		AMB	ACO-	BILLING DATA TRANSMITTER CKT		A60			P WITH ACOG-
BIFG	3		AMB	FG	CAMA BILLING INDEXER CKT	CAMA BILLING INDEXER FR	A60			
C	13		WH	C	PERM SIG HOLDING TRK					
CAL	428		RED	CAL	INTERFACE & CONT CKT		A62			
CMBE	3		WH	CMBE	MA TIMING FOR PAPER TAPE RECORDING	EVEN MA TIMING CKT FOR PAPER TAPE RECORDING	C24			
CMBO	3		WH	CMBO		ODD MA TIMING CKT FOR PAPER TAPE RECORDING	C24			
CMS	176		AMB	CMS	CAMA SUSPENSION CKT		A62			
CTL	428		GN	CTL	INTERFACE & CONT CKT		A62			
CTVFG	3		AMB	FG	CAMA TV CKT	CAMA TV FR	A61			
DS ACO	3		AMB	G	APPL CKT FOR 405 TYPE DATA SETS FOR ACD	MKR GR	A59			
END	232	XI	WH	END	STUCK SDR TRK IDENTIFIER CKT		A66			
FATC FG	3		AMB	FG	FOREIGN AREA TRNSL CONN CKT	FOREIGN AREA TRNSL CONN FR	A61			SEE NOTE 116
FATFG	3		AMB	FG	FOREIGN AREA TRNSL CKT	FOREIGN AREA TRNSL FR	A61			SEE NOTE 115
FTO,1	232	XI	WH	FTO,1	STUCK SDR TRK IDENTIFIER CKT		A66			
FT2	232	WZ	WH	FT2			A66			
FUO,1,2,4,7	232	XI	WH	FUO,1,2,4,7			A66			
IDDD PRTFG	3		AMB	FG	IDDD PRT CKT	IDDD PRT FR	A61			SEE NOTE 112
IG	3		AMB	IG	60 & 120 IPM INTER CKT	MKR GR				
IPR	218		WH	IPRL	COMPL MKR CKT	MA TEST FR AS REQUIRED	Y			
LH	232	XI	WH	LH	STUCK SDR TRK IDENTIFIER CKT		A66			
LLP	232	XI	WH	LLP			A66			
LO	190		AMB	5	ALM SENDING CKT		A62			
LT	240		WH	LT	TRK GR TR SAMPLE TEST CKT		A62			
M-CAMA FG	3		AMB	FGI	MKR CKT	MKR CAMA FR				
MB	352		WH	MBS	POS TRK GATE AND CONT CKT FOR ACD		A			
MDT ACO	434		AMB	ACO	MAINTENANCE DATA TRANSMITTER CKT		A61			
MFG	3		AMB	FG	MKR CKT	MKR FR				
MT ACG	3		AMB	ACG	MA TIMING CKT FOR MAG. TAPE RECORDING	MA TIMER FOR MAG. TAPE RECORDING	A11			
MTFG	3		AMB	FG	MA TIMING CKT	MA TIMING FR				
MTTU ACO	3		AMB	ACO	MTTU INTERFACE CKT	MKR GR	A61			
NC	13		WH	NC	PERM SIG HOLDING TRK					
NMFG	3		AMB	FG	CAMA LINE OBS NO. MATCHING CKT	LINE OBS NO. MATCHING FR	A60			
PB	13		WH	PB	PERM SIG HOLDING TRK					
PPCS-SUS	180		AMB	PPCS-S	PPCS-LAMA SUSPENSION CKT		A62			SEE NOTE 212
PPCS-TBL	180		RED	TBL			A25			SEE NOTE 212
PRTFG	3		AMB	FG	PRT OR PRT CONN CKT (REG & IR)	PRT FR (REG & IR)	A61			SEE NOTE 112
RDFG	3		AMB	FG	RTE DISTRIBUTOR CKT	MKR GR	A60			
REM	428		AMB	REM	INTERFACE & CONT CKT		A62			
RH	232	X1	WH	RH	STUCK SDR TRK IDENTIFIER CKT		A66			
RIT	3		WH	RIT	MA TIMING FOR PAPER TAPE RECORDING	MA TIMING CKT FOR PAPER TAPE RECORDING	C24			
ROTL-ACO	440		AMB	ACO	ROTL ACCESS CKT	MKR GR	A62			
RRC FG	3		AMB	FG	RCDR & RCDR CONT CKT	RCDR & RCDR CONT CKT				
RSACO	365		AMB	ACL	WB REM SW SIG CONT CKT		A78			OPTION WO
							AK1			OPTION WP
RSGP	48		WH	RG	PRT CONN CKT (REG & IR), PRT CONN CKT - ORIG PART (WIRE SPRING)		A65			SEE NOTE 224
RSTR1	366		AMB	TRIL	WIDEBAND REM SW SIG CONT CKT		A78			OPTION WO
							AK-			OPTION WP
RSTR2	366		AMB	TR2L			A78			OPTION WO
							AL-			OPTION WP
RTFG	3		AMB	FG	RTE TRNSL CKT	MKR GR	A60			
RUT	3		WH	RUT	MA TIMING FOR PAPER TAPE RECORDING	MA TIMING FOR PAPER TAPE RECORDING	C24			
RW	3		WH	RW			C24			
SSTI	232	XI	WH	ON	STUCK SDR TRK IDENT CKT		A66			
SWO,1,2,4,7	232	XI	WH	SWO,1,2,4,7	STUCK SDR TRK IDENT CKT		A66			
SWTO,1	232	XI	WH	SWTO,1			A66			
TBL	240		RED	TBL	TRK GR TR SAMPLE TEST CKT		A62			
TLMB	3		AMB	GL	TRK LK AND CONN CKT, TRK LK CKT	MKR GR	A61			
TTLMB	3		AMB	GL	TRANSFER TRK LINK CKT	MKR GR	A60			SEE NOTE 224
TVFG	3		AMB	FG	LAMA TV CKT: ANI TV CKT; TRANSL ACC CKT	LAMA TV FR: ANI TV GR; TRANSL ACC CKT	A61			
VUO,1,2,4,7	232	XI	WH	VUO,1,2,4,7	STUCK SDR TRK IDENT CKT		A66			

TABLE A

LAMP DESIG (a)	APP FIG	OPT	LAMP CAP COLOR	LEAD DESIG (b)	CONNECTING CKT	PROVIDE ONE PER	FUSE (c)	RATED	ISS	REMARKS





MASTER TEST FRAME
JACK,LAMP AND KEY

DWG SIZE 6S | ISSUE 96B

BELL LABORATORIES | SD-25762-01- | 87

FS 6

MAKE BUSY AND TRANSFER JACKS

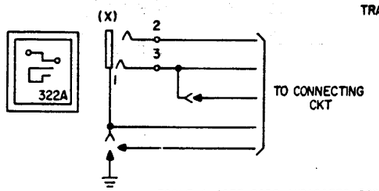


TABLE A (SEE CADS INDICATED FOR MORE DETAIL)

JACK DESIG (X)	APP FIG.	OPT	102 NOTE (PAR OR NOTE)	CAD	CONNECT TO FROM CONT NO.	APP FIG. OR OPT	LEAD OR GRD DESIG	CIRCUIT OR GRD	RATED	ISS	REMARKS
AAT MB	215			250	1		AI	GRD			
					3		MB	ATNDT ACC TRK CKT			
AAT TST	215			250	1		AI	GRD			
					3		TST	ATNDT ACC TRK CKT			
AIODT MB	201			141	1		BJS	AIOD TRNSL CONN CKT			
					3		BJR				
AMAT MB	30	ZI		75	1		BJS	AMA TRNSL CKT			
					3		BJR				
AT-MB	216			250	1		AJ	GRD			
					3		MB	ATNDT TRK CKT FOR OFF. NET ACC			
BIMB	171			111	1		AA	GRD			
					3		BMB	CAMA BILLING IDXR CKT			
BSR	47			88	1		S	GRD			
					3		BSR	PRTC CKT (REG AND IR)			
CC MB	216			250	1		AJ	GRD			
					3		MB	CONF CONT CKT			
CDC	350		199	286	1		AS	GRD	MD	590	
					3		CDC	DOC CKT			
CTVCMB	9		8	56	1	ZC	G	GRD			
						ZD	X,C7,C8				
					3		CB	CAMA TV CONN CKT			
CTVMB OR TVMB	27			73	1	YS	TVG	OFF. TEST FR TEST CKT			
						YR	B	GRD			
					3	YA	TVMBO,1	LIT CONT CKT (SEE NOTE 181)			
						YS	TV-	OFF. TEST FR TEST CKT			
						ZA, ZB	BJR	TV CKT, CAMA TV CKT, ANI TV CKT, PCT CKT OR TRNSL ACC CKT			
CWL MB	380			311	1		CWG	CALL WAITING LK CKT			
					3		CWLMB				
DRMB	10			57	1		MB	TRK LK AND CONN CKT OR TRK LK CKT (MULT TO FIG. 10 FOR ALL REG ON SAME TRK LK FR)			
					3		MB	DIGIT REG CKT			
						YT	MBI	OFF. TEST FR TEST CKT			
DRMCMB	9		8	263	1	ZC	G	GRD			
				340		158	G	(BG- REL)16C6			
				56	3	154	G	(BG- REL)16C6			
							CB	DIGIT REG MKR CONN CKT			
FAT MB	161			100	1		Z	GRD			
					3		FAT MB	FAT CKT			
IB	172			111	1		AA	GRD			
					3		IB	CAMA BILLING IDXR CKT			
ID MB	205			146	1		AF	GRD			
					3		MB	PREF CONT CKT FOR TR REG IDENT CONN			
IRMB	11			58	1		G OR C	GRD			
					3		MB	INC REG CKT			
						YT	MBI	OFF. TEST FR TEST CKT			
IRMCMB	9		8	263	1	ZC	G	GRD			
				340		158	G	(BG- REL)16C6			
				56	3	158	G	(BG- REL)16C6			
							CB	INC REG MKR CONN CKT			
LLMCMB	9		8	263	1	ZC	G	GRD			
				340		158	G	(BG- REL)16C6			
				56	3	158	G	(BG- REL)16C6			
							CB	INC REG MKR CONN CKT			
MB	19			65	1		MBA OR MBB	MA TEST CONT CKT (MULT TO CORRES LEAD OF (MB) JACKS OF OTHER SENDER IN SAME SUBGROUP)			
					3		MB	SDR CKT			
MB	28	ZW		74	1		BJS	RCDR AND RCDR CONN CKT			
					3		BJR				
MB	233			266	1		B1	REM OFF. TRK MAKE BUSY CKT OR REM OFF. TEST LINE TRK MAKE BUSY CKT			B1 & B2 LEADS MULT PER NOTE 133
					3		B2				
						418	B2	MA TEST CONT CKT (MULT TO CORRESS LEAD OF (MB) JACKS OF OTHER SENDER IN SAME SUBGROUP)			ASSOC WITH CLOSE DOWN TRUNKS IN THE SAME TRK GR

TABLE A (SEE CADS INDICATED FOR MORE DETAIL)

JACK DESIG (X)	APP FIG.	OPT	102 NOTE (PAR OR (NOTE	CAD	CONNECT TO FROM CONT NO.	APP FIG. OR OPT	LEAD OR GRD DESIG	CIRCUIT OR GRD	RATED	ISS	REMARKS
MB	38					YJ	B	GRD			TO CORR LEAD OF MB JACKS OF OTHER SENDERS IN SAME SUB GR
					1	YK	MBA OR MBB	MA TEST CONT CKT			
					2	ZG	T	SENDER CKT			
							MB				
					3		MB-	STUCK SDR TRK IDENT CKT			
						YT	MBI	OFF. TEST FR TEST CK			
M-C-MB, M-D-MB, MMB	8		(7)	55	1	YK	B	GRD			
						YJ	MMB-	OFF. TEST FR TEST CKT			
					3	ZA, ZB	MB	MKR CKT			
							MKO OR MK1	REM OFF. TEST LINE CKT OR REM OFF. TEST LINE REG CKT			
						YO	MKO OR MK1	TRK TEST REG CKT WB TRK TEST REG CKT			
MDT MB	434				1		AP	GRD			
					3		MB	MDT CKT			
NMMBO-1	173			109	1		AA	GRD			
					3		NMBO-1	CAMA LINE OBS NO MATCHING CKT			
NT	356			134	1		AV	GRD	A&M		
					3		NT	TRAF INFO GATHERING CKT	ONLY		
ORMB	10			57	1		MB	TRK LK AND CONN CKT OR TRK LK CKT (MULT TO FIG. 10 FOR ALL REGISTERS ON SAME TRK LK FR)			
					3		MB	ORIG REG CKT			
						YT	MBI	OFF. TEST FR TEST CKT			
ORMCMB	9		8	263	1	ZC	G	GRD			
				340		158	G	(BG- REL) 16C6			
				56	3	158	G	(BG- REL) 16C6			
							CB	ORIG REG MKR CONN CKT			
PRTCMB	9		8		1	ZC	G	GRD			
						ZD	X,C7,C8				
					2	XX	CT	PRT CONN CKT (REG)			SEE NOTE 195
				56	3		CB	PRT CONN CKT (REG AND IR)			
PRTMB	45			86	1	UL	S	GRD			
						UM	SG	OFF. TEST FR TEST CKT			MULT JACKS
					3		MB	PRT CKT (REG, IDOD AND IR)			
						UM	MB	OFF. TEST FR TEST CKT			
PSCMB	29			76	1		B	GRD			
					3		MB	PERM SIG CONC CKT			
PTMB	227			264	1		B1	POS TRK CKT FOR ACD	A&M		
					3		B2		ONLY		
RL MB-	363			296	1		AX	GRD			
					3		LO-	WB LK CKT			
ROTC MB	238			278	1		AM	GRD			
					3		TCR	ROTL CKT			
ROTL MB	208			147	1		Q	GRD			
					3		MB	ROTL CKT			
ROTL MMB	440		(171)		1		AM	GRD			
					3		MMB	ROTL ACCESS CKT			
ROTL TL (1-3) MB	415			344	1		AM	GRD			
					3		MB1-3	ROTL ACCESS CKT			
ROTL TMB MB	416			345	1		AM	GRD			
					3		MB	ROTL TRK MAKE BUSY CKT			
ROTMB MB	239			279	1		AM	GRD			
					3		MBR	ROTL CKT			
RTCMB	351			275	1		AQ	GRD			
					3		TB OR B	PREF CONT CKT FOR RTE TRNSL CONN CKT			
RTMB	351			275	1		AP	GRD			
					3		TB OR B	PREF CONT CKT FOR RTE TRNSL CONN CKT			
SCMB	9		8		1	ZC	G	GRD			
						ZD	X,C7,C8				
				56	3		SCBA,B	MKR CKT			
SGC SMB-	408			337	1		AN	GRD			
					3		MB-	SGC CKT			
TFR MB	204		143		1		AE,C9	GRD			
					3		MB	TRAF REG CKT			
TLLMCMB	9		8			ZC	G	GRD			
				263	1	158	G	(BG- REL)16C6			
				340		158	G	(BG- REL)16C6			
				56	3		CB	TR L LK MKR CONN CKT			
TN	28	ZW		74	1		TNS	RCDR AND RCDR CONN CKT			
					3		TNR				
TR	390	XS		333	1		TNS	TRK CONT CKT			
					3		TNR				
TRIC MB	210			145	1		AF	GRD			
					3		CBO,1	PREF CONT CKT FOR TRAF REG ID CONN			

TABLE A (SEE CADS INDICATED FOR MORE DETAIL)

JACK DESIG (X)	APP FIG.	OPT	102 NOTE (PAR OR NOTE)	CAD	CONNECT TO FROM CONT NO.	APP FIG. OR OPT	LEAD OR GRD DESIG	CIRCUIT OR GRD	RATED	ISS	REMARKS
TRMB-ACD	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT OR MTFC CKT FOR ACD			
TRMB-AM	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT OR MTFC CKT FOR ACD			
TRMB-BC	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT OR MTFC CKT FOR ACD			
TRMB-CM	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-CTV	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-DTM	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT OR MTFC CKT FOR ACD			
TRMB-EMR	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT OR MTFC CKT FOR ACD			
TRMB-LC	224			256	1		Q	GRD			
					3		TRB1	2A LINE CONC CKT			
TRMB-M	33				1		J OR C6	GRD			
					3	ZQ	CLR	15H5			
							TRB1	MTFC CKT OR MTFC CKT FOR ACD			
TRMCMB	9		8	263	1	ZC	G	GRD			
				340		158	G	(BG- REL)16C6			
				56	3	158	G	(BG- REL)16C6			
							GB	TR REG MKR CONN CKT			
TRMB-MT	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-MTE	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-MTO	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-PRT	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-R	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-RTO,1	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT OR MTFC CKT FOR ACD			
TRMB-SC	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-TC	33				1		J OR C6	GRD			
					3		TRB1	MTFC CKT			
TRMB-TV	33				1		J OR C6	GRD			FOR TV AND TA
					3		TRB1	MTFC CKT			
TRNSL MB	30	ZH			1		BJS	AMA TRNSL CKT			
					3		BJR				
TTR MB	199			55	1		AC	GRD			
					3		MB	TRK TEST REG CKT			
TVCMB	9		8		1	ZC	G	GRD			
						ZD	X,C7,C8				
				56	3		CB	TVC CKT,ANI TVC CKT			
WBTTR MB	199				1		AC	GRD			
					3		MB	WIDE BAND TRK TST REG CKT			

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE	ISSUE
63	968

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TEST JACKS

SEE TABLE A

LEAD DESIG

JACK TYPE I

JACK TYPE II

JACK TYPE III

JACK TYPE IV

JACK TYPE V

JACK TYPE VI

JACK TYPE VII

JACK TYPE VIII

PLUG OR CORD A

PLUG OR CORD B

PLUG OR CORD C

NOTES:
1. PATCH TO PERM SIG HOLDING TRK, COMMON OVFL TRK, PLUGGING UP LINE CKT, OGT TEST JK, NO. 101 ESS TRK TST JK, POS TRK CKT FOR ACD TEST JK OR TO (LTM T-) JACKS.

JACK DESIG	TYPE OF JACK	APP FIG.	OPT	102 NOTE (PAR OR NOTE)	CAD	TYPE OF CORD OR PLUG	CONNECT TO FROM CONT NO.	CONNECT TO OPT	CONNECT TO LEAD DESIG	CONNECT TO CIRCUIT OR GRD	RATED	ISS	REMARKS
A	V	156			92, 103		1		R1	MANUAL OGT TEST CKT			PAIRED
							2		T1				
ACT	II	211			146		1		-				
							2		R	AUX CONF CONT CKT			
							3		T				
AT-TST	I	216			250	C	1		AJ	GRD ATTENDANT TRK CKT			
							2		-	FOR OFF. NETWORK ACCESS			
							3		TST	CONT CKT			
B	V	156			92, 103		1		R2	MANUAL OGT TEST CKT			PAIRED
							2		T2				
CAMA/CNTX	II	175			108	A	1		S	MA TEST FR TRK TEST CKT			
							2		R	MTF TRK TEST CKT AND B-			PAIRED
							3		T				
CC-TST	I	216			250	C	1		AJ	GRD			
							2		-				
							3		TST				
CCTT1-6	IV	217			250		1		-	CONF CONT CKT			
							2		RT1-6				
							3		RC1-6				
							4		TT1-6				
							5		-				
CRO-3	I	192			133	C	1		Q	GRD			
							2		-	TV FRAMES FOR PAPER			
							3		CRO-3	TAPE RECORDINGS			
DL	II	197					1		-				
							2		R	OFFICE TEST FR TEST CKT			
							3		T				
DL	IV	378			305		1		-				
							2		AS	GRD			
							3		-	MA TEST FR TRK TEST			
							4		AX1	CKT			
							5		AX2				
L	I	16	W		62		1		S				
							2		T	PLUGGING-UP LINE CKT			
							3		R				PAIRED
L	VIII	16	Y		62		1		R				
							2		S	PLUGGING-UP LINE CKT			
							3		T				
LTD	II	15			61	A	1		S				
							2		R	TEST TRK FROM TEST DESK			
							3		T				PAIRED
MB	IV	156			92, 103		1		S				
							2		TNR	MANUAL OGT TEST CKT			
							3		BAT				
							4		-				
							5		-				
MB	II	28	ZX		74		1		BJS	RCDR & RCDR CONN CKT			
							2		BJR				
MB2 TRK	I	200			142		1		-				
							2		-	OFF. TEST FR TEST CKT			
							3		MB2,3				
MON	I	357			290		1		B4	SEE NOTE 149			XH OPTION
							2		B5				XH OPTION
							3		B3				
OTL	II	197					1		S				
							2		R	OFF. TEST FR TEST CKT			
							3		T				
OTL AUD	IV	360			293		1		-				
							2		R	MA TEST CONT CKT			PAIR WITH T
							3		-				
							4		T				PAIR WITH R
							5		-				
PBXTT	II	223			255		1		AK	GRD			
							2		R1	NO. 101 ESS APPLICATION			
							3		T1	SCHEMATIC			
PTT	II	228			265		1		AM	GRD			
							2		R2		MFR DISC.		
							3		T2				
R	II	31			77		1		A	GRD			
							2		R	MA TIMING CKT FOR PAPER			
							3		T	TAPE RECORDING			
RC	II	156			92, 103		1		G				
							2		D	MANUAL OGT TEST CKT			
							3		AV				
RC-AR AM	I	39					1		S				
							2		-	MDF			
							3		R				

TABLE A

JACK DESIG	TYPE OR JACK	APP FIG	OPT	102 NOTE (PAR OR NOTE)	CAD	TYPE OF CORD OR PLUG	CONNECT TO FROM CONT NO.	CONNECT TO OPT	CONNECT TO LEAD DESIG	CONNECT TO CIRCUIT OR GRD	RATED	ISS	REMARKS
RC-AR M	I	39			81, 128, 260		1		S	MDF			
							2		-				
							3		R				
RC-AR MT	I	39					1		S				
							2		-				
							3		R				
RC-AR PR	I	39					1		S				
							2		-				
							3		R				
RC-AR R	I	39					1		S				
							2		-				
							3		R				
RC-AR SP	I	39					1		S				
							2		-				
							3		R				
RC-AR TV	I	39					1		S				
							2		-				
							3		R				
RECO-9	I	426			306		1		REC2	SERVICE ASSISTANCE POS TRK			
							2		-	CKT ARRANGED FOR			
							3		REC1	RECORDING			
SDT	II	160			99		1		-				
							2		-	STRAPPED			
							3		DC	SDR TEST CKT			
SEND IMW	III	151			91		1		-				
							2		J	GRD			
							3		H	TEST LINE FOR ONE-WAY			
							4		R	TRANSMISSION TESTING			PAIRED
							5		T				
SGC MCIF-	I	408			337		1		AN	GRD			
							2		-	SEQ GATE CONT CKT			
							3		MC-				
T	I	12			59		1		S				
							2		T	COMMON OVERFLOW TRK CKT			
							3		R				PAIRED
T	I	13			59		1		S				
							2		T	PERM SIG HOLDING TRK CKT			
							3		R				PAIRED
T	III	156			92, 103		1		S1				
							2		GR				
							3		BYL	MANUAL OGT TEST CKT			
							4		R				
							5		T				PAIRED
T1	III	202			133	A	1		S1				
							2		J	GRD			
							3		G1	MA TEST FR VOLTMETER			
							4		R1	TEST CKT OR OFF. TEST			
							5		T1	FR TEST CKT (SEE NOTE 1)			
T2	III	202			133	A	1		S2				
							2		J	GRD			
							3		G2				
							4		R2				
							5		T2				
TM	II	197					1		S				
							2		R	OFF. TEST FR TEST CKT			
							3		T				
TM	VI	179			115, 150		1		-				
							2		F				
							3		E				
							4		D				
							5		C				
							6		B				
							7		A	TRANSMISSION TEST LINE CKT			
TM	VI	241			276		2		F				PAIR WITH D
							3		E				PAIR WITH C
							4		D			A&M ONLY	PAIR WITH F
							5		C				PAIR WITH E
							6		B				
							7		A				

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 85B

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TEST JACKS

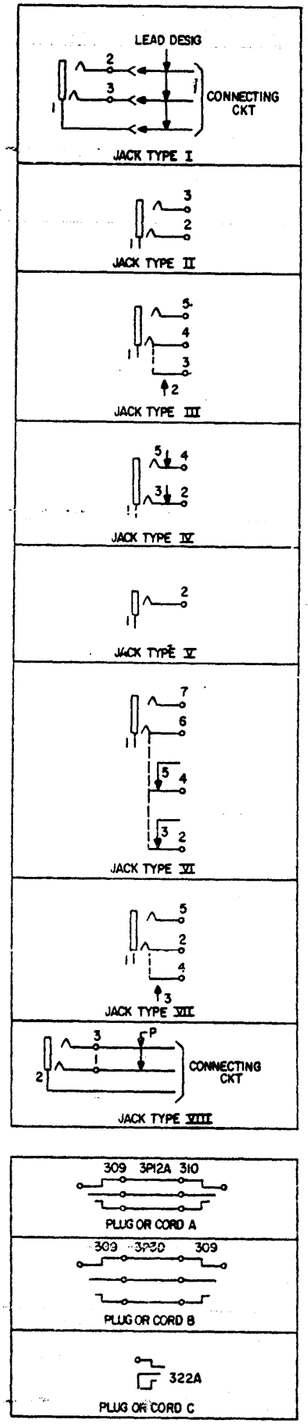

TABLE A

JACK DESIG	TYPE OF JACK	APP FIG.	OPT	102 NOTE (PAR OR NOTE)	CROSS CONN FIG.	TYPE OF CORD OR PLUG	CONNECT TO FROM CONT NO.	CONNECT TO OPT	CONNECT TO LEAD DESIG	CONNECT TO CIRCUIT	RATED	ISS	REMARKS
ACDC	II	441		(172)	133		3		RING G	POWER RINGING AND TONE DISTRIBUTING CKT			PAIRED AC-DC AUD OR -48V SUP
							2		RA OR RC				
TM3	IV	212			148		1		-				
							2		R1	POS AND POS LOOP CKT FOR USE WITH PHASE III CENTREX			PAIR WITH T1
							3		R2				PAIR WITH T2
							4		T1				PAIR WITH R1
							5		T2				PAIR WITH R2
TRK TST1	VII	186			122		1		S				
							2		R				PAIR WITH T
							3		S1	MA TEST FR TRK TEST CKT			
							4		G GRD				
							5		T				PAIR WITH R
TRK TST2	VII	186	XW		122		2		TR	MA TEST FR TRK TEST CKT			PAIRED
							5		TT				
TST	I	28	ZW			C	1		TSSE OR TSSO	MA TIMING CKT FOR PAPER TAPE RECORDING			ONE LEAD MULTIPLED TO (TST) JK FOR EVEN REC CIRCUITS, ONE LEAD MULTIPLED TO (TST) JK FOR ODD REC CIRCUITS AND TO (TST) JK FOR EMER REC CKTS
	II		ZX				3		TRS- OR ETSR	ZW OPT			
							2			ZX OPT			
TTM T1	I	420			306		1		AM	GRD			
							2		T2	POS TRK, SERV ASST POS TRK, AND OGT FOR ACD (NOTE 176)			PAIRED
							3		R2				
TTM T2	I	420			306		1		AM	GRD			
							2		E				PAIRED
							3		M				
TTM T2	I	237			273		1		AM	GRD			
							2		E	SEE NOTE 134			PAIRED
							3		M				
TTM T3	I	420	WQ		306		1		AM	GRD			
							2		T3	POS TRK FOR ACD WITH CALL TR AND TO SERV ASST POS TRK FOR ACD WITH CALL TRANSFER (NOTE 176)			PAIRED
							3		R3				
TTM T4	I	420	WQ		306		1		AM	GRD			
							2		E1				PAIRED
							3		M1				

MASTER TEST FRAME JACK LAMP AND KEY		DWG SIZE 6S	ISSUE 958U
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FS 8

MISC MAKE BUSY AND TEST JACKS

(191) TMI
(191) TM2
(421) TM3
(219) TM4
L KEY
TO MASTER TEST FR TRK TEST CKT OR OFFICE TEST FR TEST CKT
TO MASTER TEST FR TRK TEST CKT

(MFR DISC.) (166) TRUNK TERMINATING AND PATCHING JACKS

YF TT-PJ-1
YF TT-PJ-2
YF TT-PJ-3
Y TT-MB
TT-TR
ZV TT-TO
TT-TS
A 909
INDR

(237) TTM TI
(397) TTM LO NL KEY
(397) TLO 240±5%
TO CONNECTING CKT (SEE NOTE 134)

(195) STT
TO MTCE DESK 2 WAY TRK CKT
TO LINE, LINE LK AND CONN CKT OR LINE, LINE LK AND MKR CONN CONT CKT
(195) HOLD L KEY
(195) H INDR
(195) BO

(187) RPLMB
(187) MB 1kΩ
(221) DAPC
(221) MBP 1kΩ
322A
TO PREFERENCE CONT AND MAKE BUSY CKT

(174) T
YA
YB
(174) MB
TO INCOMING CAMA TRK CKT OR CAMA INTERMARKER GROUP TRK CKT

(14) T
(14) MB
ZR
TO OGT CKT, COIN JUNCTOR CKT, COIN SUBSCRIBER TO TRK INTERMARKER GR TRK, 2-WAY TRK(2W OR 4W), 4W CONFERENCE TRK, OPERATOR TDM TRK, LDN AND INTERCEPT TRK AND FREE TRK CKT
TO REMOTE OFFICE TRK MAKE BUSY CKT OR REMOTE OFFICE TEST LINE TRK MAKE BUSY CKT

(352) MB
322A
TO POS TRK GATE AND CONT CKT FOR ACD

(436) CTL 600
(436) CTLI 600
TO CODE 97C TEST LINE CKT

(377) EDL
TO MASTER TEST FR TRK TEST CKT

(234) LTM TI
(234) LTM T2
TO LINE, LINE LK AND MKR CONN CONT CKT
TO LINE CKT FOR AIS WITHOUT USING LLP
TO AUX LINE FOR LLP OR LLP-AIS LINES FOR USE WITH NO. 5 ETS

(196) TMW
(196) T 1.08-1.14
(196) BOI
900 ±1% (196) T 380 ±1%

(375) MLPP MON L KEY
(375) MLPP MTG
(375) MLPP TST L KEY
(375) MLPP CO L KEY
TO MASTER TEST FR TRK TEST CKT
(368) WB/BS MTG

MASTER TEST FRAME JACK, LAMP AND KEY	DWG SIZE 6S	ISSUE 888
BELL LABORATORIES	SD-25762-01-	B11

FS 9
PULL KEYS

SEE TABLE A

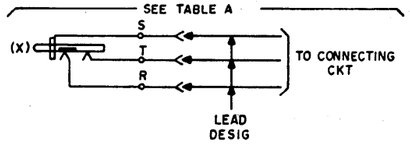

TABLE A

KEY DESIG (X)	APP FIG	OPT	102 NOTE (PAR) OR NOTE	CROSS CONN FIG.	CONNECT FROM CONT	CONNECT TO OPT	CONNECT TO LEAD OR GRD DESIG	CONNECT TO CIRCUIT OR GRD	RATED	ISS	REMARKS
CT	16		(18)	62	S		CT	PLUGGING-UP LINE CKT			
					T		-				
					R		H	GRD			
CTR	38		(31)	65	S			SEE B22			
					T						
					R						
PST	13	A	(15)	59	S		PST	PERM SIG HOLDING TRK CKT			
					T		T	GRD			
					R		-				
PSTH	183		(67)	117	S		PST	PERM SIG HOLDING TRK CKT			
					T		T	GRD			
PSTO	182		(66)	117	S		PST	TONE ANN. AND PERM SIG OVERFLOW TRK CKT			
					T		T	GRD			
RS TR1	366		(120)	300	S		TR1	WIDEBAND REMOTE SW SIG CONTROL CKT			
					T		-				
					R		TRC				
RS TR2	366		(120)	300	S		TR2				
					T		-				
					R		TRC				
SH	183		(67)	117	S		S	PERM SIG HOLDING TRK CKT			
					R		T	GRD			
TR	16		(18)	62	S		TR	PLUGGING-UP LINE CKT			
					T		A				
					R		C				

FS 10
ALM RELEASE KEYS

SEE TABLE B

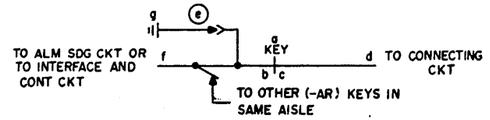

TABLE B

KEY DESIG a	APP FIG	OPT	KEY CONT NO. b	KEY CONT NO. c	TYPE OF KEY	OPT e	GRD g	LEAD DESIG f	LEAD DESIG d	TO CONNECTING CKT	REMARKS
AL-AR	353		2,4	3,5	NL	Z	K	LK	AL	POS TRK GATE AND CONT CKT FOR ACD	
AMB-AR	18		2,2	3B,C	NL	Z	K	LK	BR	ALL MARKERS BUSY	
AMB-AR OR ATVB-AR OR ACTVB-AR	153		3,4	2,5	NL	Z	K	LK	BR	ALL MARKERS BUSY OR ALL TRANSVERTERS BUSY CKT	
AT&ERL-AR	157		2,5	3,4	NL	Z	K	LK	AR	LINE AUX CKT FOR PUBLIC EMER REPORTING AND TO ANN TRK	
ATVB-AR	18		2,2	3B,C	NL	Z	K	LK	BR	ALL TRANSVERTERS BUSY	
LD-AR	414		2,4	3,5	NL	Z	K	LK	DAR	LEVEL DET CKT FOR ACD	
MC-AR	17		2	3D	NL	Z	K	LK	LCA	MKR CONN CKT; MASTER TRAF CONT CKT FOR MKR CONN (W.SPG);	MFR DISC.
			2	3A	NL	X	A	LKI	LAL	LINE, LINE LINK AND MKR CONN CONT CKT (W.SPG) CONN CONT	MFR DISC.
MC-AR	152		4	5	NL	Z	K	LK	LCA	CKT FOR INCOMING, ORIG, DIGIT AND TR REG MKR CONN (W.SPG)	
			3	2	NL	X	A	LKI	LAL		
MC&PRTC-AR	17		2	3D	NL	Z	K	LK	LCA	LCA PRT CONN CKT	
			2	3A	NL	X	A	LKI	LAL	-	
MC&PRTC-AR	152		4	5	NL	Z	K	LK	LCA	LCA PRT CONN CKT, PRT CONN CKT	
			3	2	NL	X	A	LKI	LAL	- FOR USE WITH INCOMING REG	
RS-AR	365		2,4	3,5	NL	Z	K BF	LK	LK	WIDEBAND REMOTE SW SIG CONT CKT	OPTION WO OPTION WP
SGC-AR	409		2,4	3,5	NL	Z	K	LK	ALR	SEQ GATE CONT CKT (ACD)	
SSTI-AR	374		2,4	3,5	NL	Z	K	LK	TRL	STUCK SDR TRK IDENT CKT	
TLL MC-AR	203		3,4	2,5	NL	Z	K	LK	LCA	TR LINE LK AND MKR CONN CONT CKT	
TR-AR	36		2,2	3B,3C	NL	Z	K	LK	LA	TR REG CKT AND SDR GR BUSY ALM CKT	
TR-AR	155		3,4	2,5	NL	Z	K	LK	LA	SDR GR BUSY ALM CONT CKT OR SDR GR BUSY ALM CKT OR TR REG CKT	
TVC-AR	17		2	3D	NL	Z	K	LK	LCA	TVC CKT	
			2	3A	NL	X	A	LKI			
TVC-AR	152		4	5	NL	Z	K	LK	LCA	TVC CKT, MASTER TRAF CONT FOR TVC (W.SPG), CAMA TVC CKT, ANI TVC CKT	
			3	2	NL	X	A	LKI			
WBCT-AR	376		2,4	3,5	NL	Z	K	LK	ALR	WIDEBAND CONTINUITY TEST CKT	

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 93B

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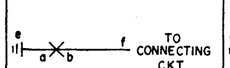
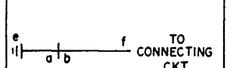
FS II
KEYS

SEE TABLE A

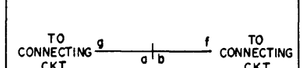
KEY TYPE I



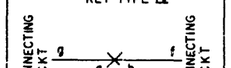
KEY TYPE II



KEY TYPE III



KEY TYPE IV



KEY TYPE V

KEY TYPE VI

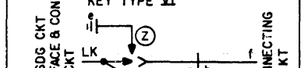


TABLE A

KEY DESIG	TYPE OF KEY	L OR NL KEY	APP FIG.	OPT	KEY CONT NO. a	b	c	d	GRD e	CONNECT LEAD DESIG f	g	TO CONNECTING CKT	REMARKS
2WCR	I	L	188		3D	2			Q	2WCR		TV FOR PAPER TAPE RECORDING	
4WCR	I	L	185		3D	2			Q	4WCR			
AMO	I	L	242		6	5			AR	AMO		GATE CONT CKT	
BS-AC	III	L	410		4	5				AC	ACG	WIDEBAND/BIT-STREAM TEST LINE	PAIRED
BS-DLB	I	L	410		5	6			AW	DLB		DIST CKT	
CANIT	I	L	177		6	7A			AA	CAIT		CAMA TV CIRCUITS	
					4	5A				CAIT			
					2	3D				CAIT			
					4	5D				CAIT			
					2	3A				CAIT		DAS-ETS	OPTION US
CMTCA	III	L	20		2D	1				ALA	TCA	MKR CONN CKT OR MA TR CONT CKT FOR MKR CONNECTORS (W SPG)	
CMTCB	III	L	20		2D	1				ALB	TCB	MKR CONN CKT OR MA TR CONT CKT FOR MKR CONNECTORS (W SPG)	
DMTCA	III	L	389		1	2D				ALA	TCA	MA TR CONT CKT ASSOC WITH LOWER NO. MKR CONN	(A&M)
												MA TR CONT CKT ASSOC WITH LLMC	
					2A	1				ALA	TCA	MA TR CONT CKT ASSOC WITH HIGHER NO. MKR CONN	(A&M)
												MA TR CONT CKT ASSOC WITH TRF LLMC	
DMTCA	III	L	20		2D	1				ALA	TCA	MKR CONN CKT OR MA TR CONT CKT FOR MKR CONNECTORS (W SPG)	
DMTCB	III	L	389		1	2D				TCB	ALB	MA TR CONT CKT ASSOC WITH LOWER NO. MKR CONN	(A&M)
												MA TR CONT CKT ASSOC WITH LLMC	
					2A	1				TCB	ALB	MA TR CONT CKT ASSOC WITH HIGHER NO. MKR CONN	(A&M)
												MA TR CONT CKT ASSOC WITH TRF LLMC	
DMTCB	III	L	20		2D	1				ALB	TCB	MKR CONN CKT OR MA TR CONT CKT FOR MKR CONNECTORS (W SPG)	
ENA	I	L	230		3	2			AM	ENA		CALLED NO. DETECTOR CKT	
ENB	I	L	230		3	2			AM	ENB			
ENC	I	L	230		3	2			AM	ENC			
EXR-	IV	L	209		3	1				EXA	EX	COMB. OR COMPL MKR CKT	
FGR-AR	VI	NL	236	WF	5,2	4,3			AN	FGR		L,L LK AND MKR CONN CONT CKT FOR ACD	
GLR	I	L	225		2	1			AM	GLR		ALL COMPL MKR CIRCUITS	
GIT-AR	VI	NL	235		5,2	4,3			AN	GITL		GATE CONT CKT	
LOC	I	NL	428	TJ	2	1			Q	LO		INTERFACE AND CONT CKT	OPTION UR
MCI-AR	VI	NL	236		5,2	4,3			AN	LCA		L,L LK AND MKR CONN CONT CKT FOR ACD	
MRARL	VI	NL	235		5,2	4,3			AN	MRA		GATE CONT CKT	
MTCA	III	L	20		2D	1				ALA	TCA	MKR CONN CKT OR MA TR CONT CKT FOR MKR CONNECTORS (W SPG)	
MTCB	III	L	20		2D	1				ALB	TCB	MKR CONN CKT OR MA TR CONT CKT FOR MKR CONNECTORS (W SPG)	
NPT-AR	VI	NL	235		5,2	4,3			AN	NPTL		GATE CONT CKT	
PSAC	I	NL	165		1	2D			Q	CO		PERM SIG ALM CKT	
			184		2	3D			Q	CO			
PSA-AR	VI	NL	165		2B	1			K	AR			
			184		2B	1			K	AR			
RAO-4	I	L	235		2	1			AN	RAO-4		GATE CONT CKT	
REL	IV	NL	428		2	1				KT	KTR	INTERFACE AND CONT CKT	PAIRED
REM	I	NL	428	TJ	2	1			D	RM			OPTION UR
RESET	V	NL	386		6	5	2	1		RP	RPG	PBX-AIOD-A1 STA IDENT TEST CKT	PAIRED
RG-AR	VI	NL	236		5,2	4,3			AN	RG		L,L LK AND MKR CONN CONT CKT FOR ACD	
RS	I	NL	190		2	1			D	4		ALM SDG CKT	
RS-AIOD	V	NL	386		4	5	2	3		RS	RSI	PBX-AIOD-A1 FUSE, ALM AND MISC CKT	PAIRED
RS-AIOD	V	NL	367		4	5	2	3		RS	RSI	PBX-AIOD-A2 FUSE, ALM AND MISC CKT	P(RS WITH RSI)
SIT-AR	VI	NL	235		5,2	4,3			AN	SITL		GATE CONT CKT	
STX-AR	VI	NL	235		5,2	4,3			AN	STX			

KEY DESIG	TYPE OF KEY	L OR NL KEY	APP FIG.	OPT	KEY CONT NO. a	b	c	d	GRD e	CONNECT LEAD DESIG f	g	TO CONNECTING CKT	REMARKS
TT VCT	I	L	413		5	6			AW	VCT		2-WAY 900Ω TRK	
												IT. TRK FOR WIDEBAND SERVICE WITH OR WITHOUT PHASE III CENTREX ARR AS A TEST TRK	
TVTCA	III	L	20		20	1				ALA	TCA	TV CONN CKT OR	
TVTCB	III	L	20		20	1				ALB	TCB	MA TR CONT CKT FOR TV CONNECTORS (W SPG)	
VSA-	I	NL	355		2	1			AX	A		VIDEO SUPV SIG SUPPLY CKT	
VSB-	I	NL	355		2	1			AX	B			
VSRL-	II	NL	355		5	4			AX	RL1			
					2	3			AX	RL2			

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S

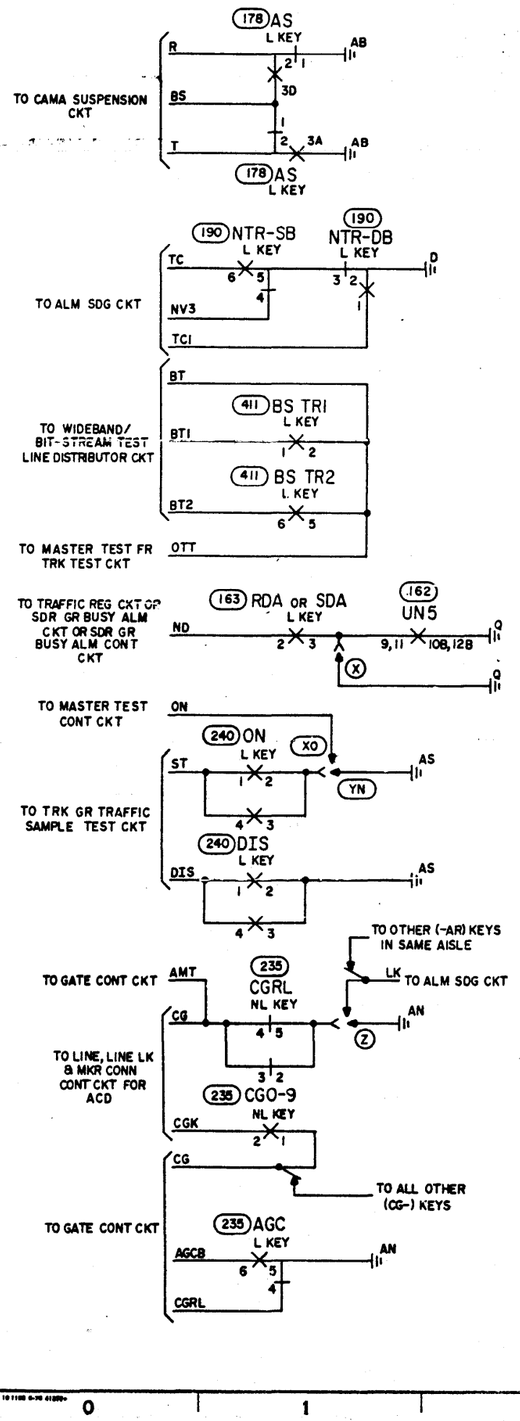
ISSUE 96B

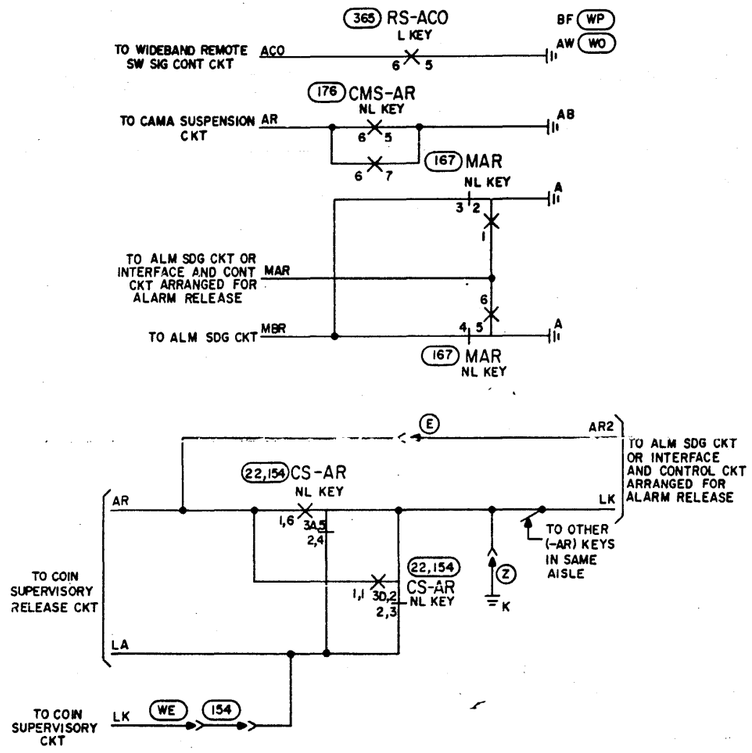
BELL LABORATORIES

SD-25762-01-

813

FS 12
MISC KEYS

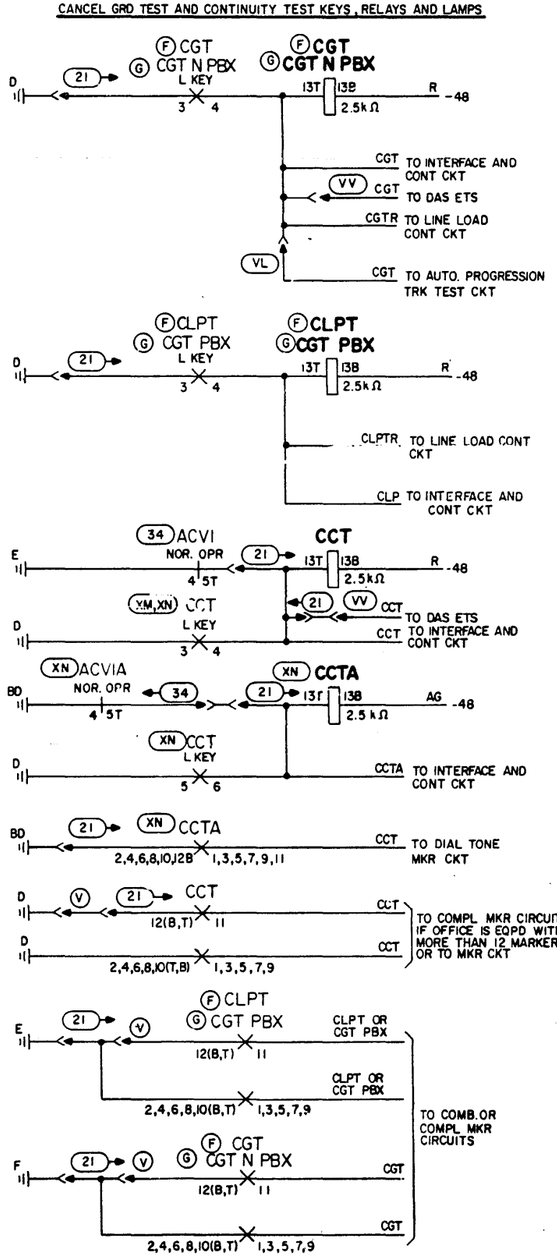




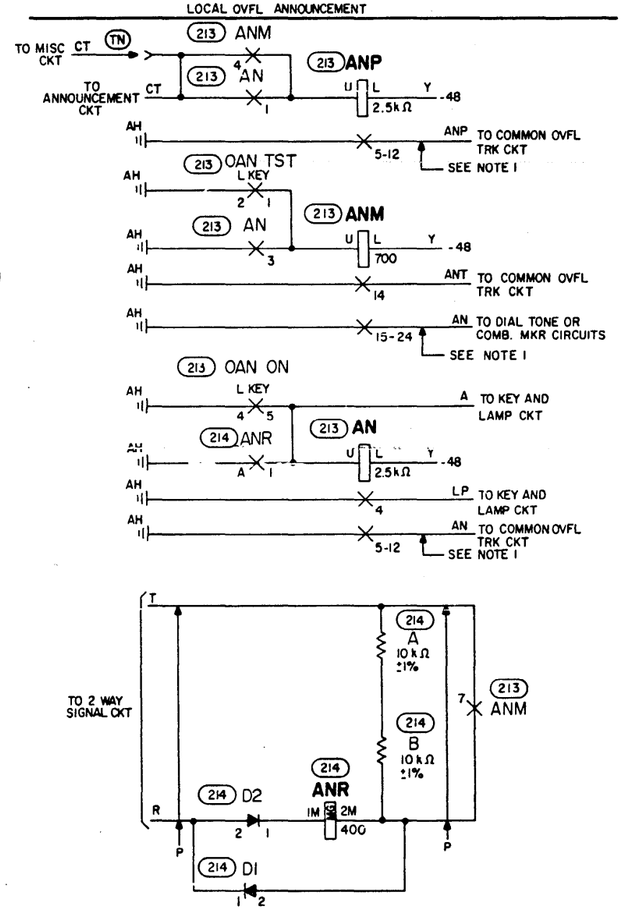
MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 65	ISSUE 89A
BELL LABORATORIES	SD- 25762-01-		814

PART OF FS 13
MISC RELAYS

CANCEL GRD TEST AND CONTINUITY TEST KEYS, RELAYS AND LAMPS



LOCAL OVFL ANNOUNCEMENT

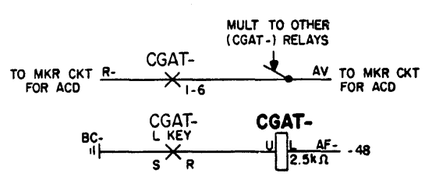


NOTES:

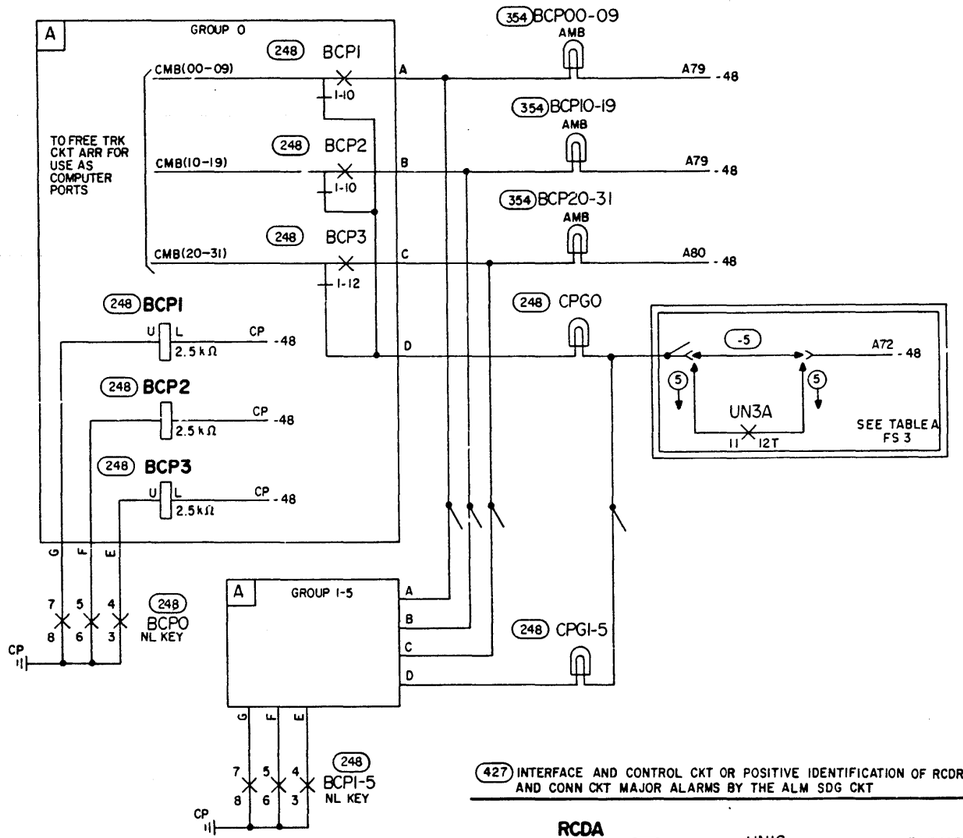
1. GRP — RELAY CONT

GRP	ANP	AN	ANM
1ST	12	12	24
2ND	11	11	23
3RD	10	10	22
4TH	9	9	21
5TH	8	8	20
6TH	7	7	19
7TH	6	6	18
8TH	5	5	17
9TH	-	-	16
10TH	-	-	15

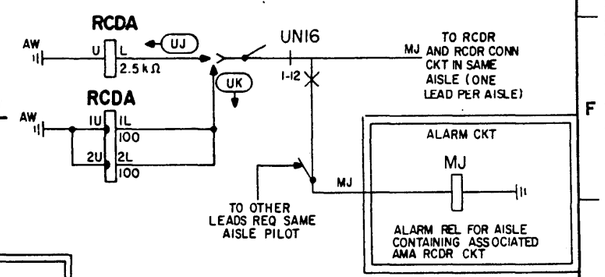
379 CANCEL GATING CONT FOR ACD



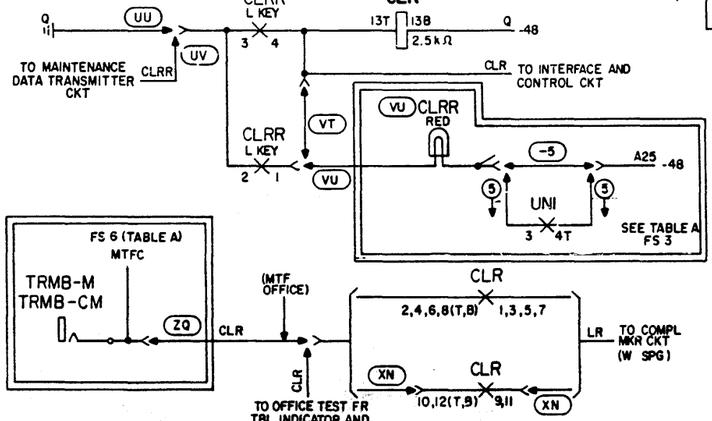
COMPUTER PORT BUSY LAMP BATTERY CONT CKT



427 INTERFACE AND CONTROL CKT OR POSITIVE IDENTIFICATION OF RCDR AND CONN CKT MAJOR ALARMS BY THE ALM SDG CKT



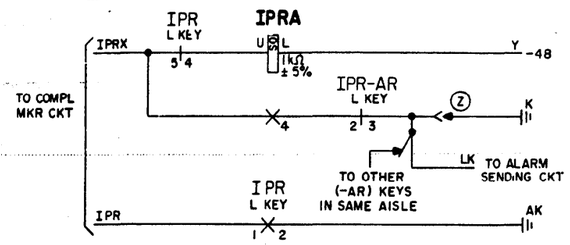
168 CANCEL LINK RELEASE TROUBLE RCDR OR TROUBLE INDICATOR KEY AND RELAY



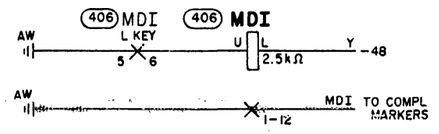
MASTER TEST FRAME JACK, LAMP AND KEY	DWG SIZE 6S	ISSUE 97B
BELL LABORATORIES	SD-25762-01-	815

PART OF FS 13
MISC RELAYS

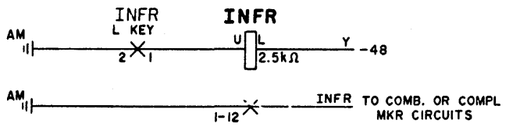
(218) IMMEDIATE PRE-EMPT AND ALARM CONTROL FOR COMPL MARKERS



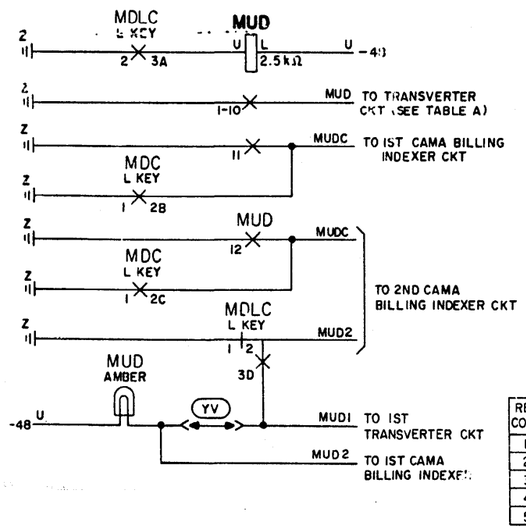
KEY CONTROL OF THE INTERCEPTION OF PBX ORIGINATED CALLS CONTAINING MUTILATED A,B, OR C DIGITS (CAD 306, 336)



(231) INFORMATION CALL AMA RECORD CONTROL (CAD 137)



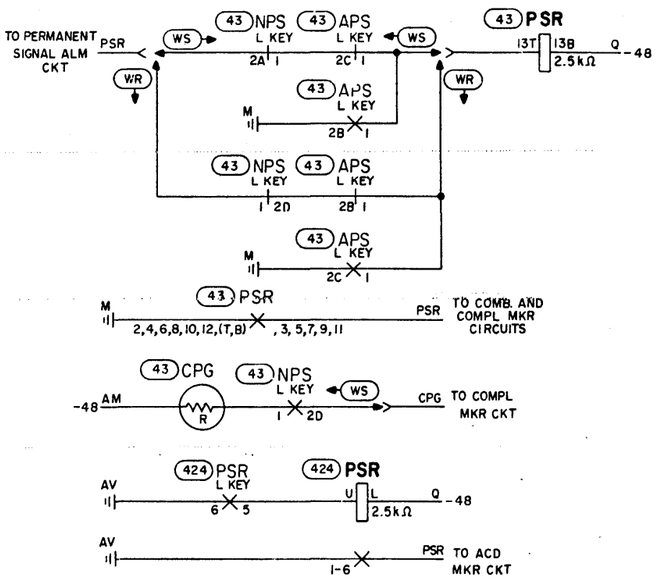
(206) CONTROL FOR AMA TAPE RELAYS



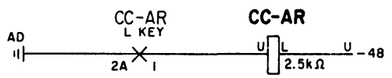
REL CONT	TV NO.	REL CONT	TV NO.
1	0	6	5
2	1	7	6
3	2	8	7
4	3	9	8
5	4	10	9

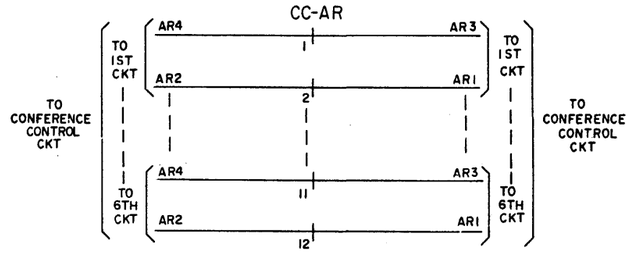
TABLE A

PERMANENT SIGNAL RECORD CONTROL



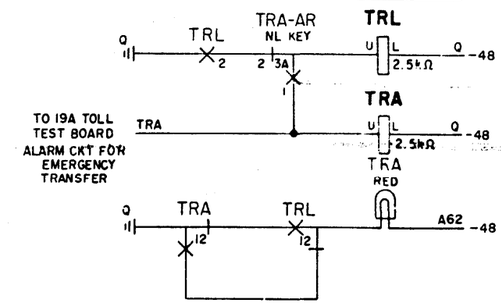
(193) CONFERENCE CONTROLLER CKT ALARM RELEASE KEY AND RELAY



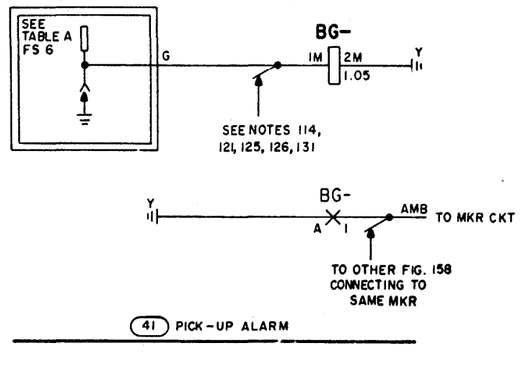


MAKE BUSY ALARM 4-WIRE CONFERENCE TRUNK CIRCUITS ASSOCIATED WITH MATED CONFERENCE CONTROLLERS

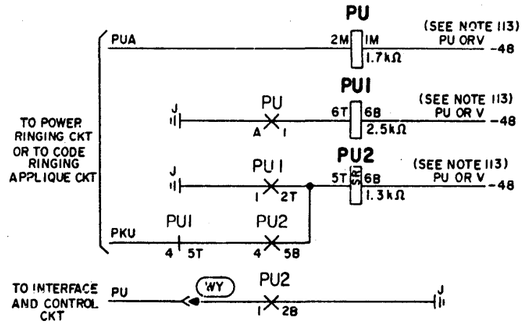
(181) 4-WIRE EMERGENCY MANUAL TRANSFER ALARM AND RELEASE CKT



(158) MARKER CONNECTOR BUSY GUARD RELAY



(41) PICK-UP ALARM



MASTE TEST FRAME JACK, LAMP AND KEY		DWG SIZE 65	ISSUE 85B
BELL LABORATORIES	SD-25762-01-		B16

FS 14

TROUBLE RECORDER REQUEST
ALARM TONE SIGNAL RELAYS

TO MASTER TMG CKT FOR PAPER TAPE RECORDING — M — (TM)

TO MASTER TEST FR CONN CKT OR MASTER TEST FR CONN CKT FOR ACD — MN

(42) UN4 — 108 X 9 — J,WN,WY — YC

(26) W — 3T 2 — YC — YD

26 Z — 3B 2

-40 — (40) TRR-AR NL KEY — 3A 2 — -40

MN / MNI — TO OFFICE TEST FR TBL IND AND CONN CKT

VO — VP — VP

(ZE,ZF) MN2 — 26 — 7T 58 2.5kΩ T -48

H,K,WN,WY — 1 X 2B — H,K,WN,WY

TO AUTO MON REG AND SDR TEST CKT — MN — H,K,UB

TO STUCK SDR TRK IDENT CKT — MN — H,K,UB — WX

(438) AAC — 11 — VP — (439) MN2A — 1U 2U 2450 BG -48 — (439) — 12

(49) T12 — 5T 58 950 W -48 — WX — 4T X 3 — WX

TO TV CKT (SEE TABLE A [D,E]) — MN(a) — H,K,VZ — UF,UG

TO CAMA TV OR ANI TV CKT (SEE TABLE A [D,E]) — MN(a) — YE,YG — UF,UG

TO MKR CKT (SEE TABLE A [A,B,C]) — MN(a) — H,K,VZ — UF,UG

TO RTE TRNSL CKT — MN — H,K,UB

TO PRT CKT (SEE NOTE 112) — MN — H,K,UB — WX — TB

(49) (c) (SEE TABLE A) — UG — UF — UG — UB

WX — T11,12,14-19 — WX — 1 X 2B — UA W — UC

TO OTHER T- RELAYS ASSOC WITH MN LEAD — 17 / 18 / 19 — WX — TA

(49) T14-19 — 5T 58 950 (z) -48 — SEE TABLE A — WX — 4T X 3 — WX

(49) T11 — 5T 58 950 W -48 — UC — WX — 4T X 3 — WX

TO TRANSLATOR ACCESS CKT — MN — TA

TO PRT CKT (SEE NOTE 112) — MJ — WX — H,K,UB — TB

TA — MJ

(49) TI — 5T 58 950 X -48 — WX — 4T X 3 — WX

TO TV CKT (SEE TABLE A [D,E]) — MJ(a) — UF,UG — H,K,VZ

TO CAMA TV OR ANI TV CKT (SEE TABLE A [D,E]) — MJ(a) — UF,UG — YE,YG

TO MKR CKT (SEE TABLE A [A,B,C]) — MJ(a) — UF,UG — H,K,VZ

TO MASTER TEST FR CONN CKT OR MASTER TEST FR CONN CKT FOR ACD — MJ

(49) (c) (SEE TABLE A) — UG — UF — UG — UB

WX — (49) T1,4-9 — WX — 1 X 2B — UA W — UC

TO OTHER T- RELAYS ASSOC WITH MJ LEAD

TA — 2 / 1 / 0 — WX — 7 / 8 / 9 — UC

(49) T4-9 — 5T 58 950 (z) -48 — SEE TABLE A — WX — 4T X 3 — WX

(26) MJ — 7T 58 2.5kΩ T -48 — VO — VP — VP — H,K,WY — H,K,WY — 1 X 2B

(438) AAC — 10 — VP — (439) MJA — 1L 2L 2450 BG -48 — (439)

(438) AAC — 9 — VP — (439) — 2 MNIA — MNA — 1U 2U 640 BG -48

MNIA — 1L 2L 640 — 12 — (439)

TO RCDR AND RCDR CONN CKT (SEE NOTE 124) — ALM — H,K — WT — VP — VP — VO — 26

(ZE) MNI — 2 3T — 1 — 26

(ZE) MN — 7T 58 700 T -48

(ZE) MNI — 48 4T 700 — 1 X 2B — (26)

2,3T — WT — (50) RCDR

TO TRK CONT CKT — MJ — H,K — XN — XN — WV — WW — W

(49) T3 — 5T 58 950 X -48 — WV — WW — WU — MJ TO DAS CKT

AW — RCDA — 4 — (427)

(50) RCDR — 3T 2 1

TO RCDR AND RCDR CONT CKT — MJ1 — H,K — WV — MJ2 — H,K — WV

T3 — 4T 3 — WV

(49) T2,3 — 1 X 2B — UB,UC — UA W

MJ — ALM CKT — MJ — ALM REL FOR AISLE CONTAINING DAS CKT AND/OR CONT AND CSL CKT FOR PROC 0/1

TO MASTER TMG CKT FOR PAPER TAPE RECORDING — MJ — TL — H,K — WV

TO MASTER TIMING CKT FOR MAG TAPE RECORDING — MJA — H,K — WV

(49) T2 — 3 — 4T — 5T 58 950 X -48 — WV — WW

(50) RCDR — 38,2 — MJ — WU — WW — WV — TO CONT AND CSL CKT FOR PROC 0/1

(438) AAC — 1U 2U 2450 BG -48 — TO MAINTENANCE DATA TRANSMITTER CKT — AAC

TO INTERFACE CKT FOR DATA ACQUISITION — AAC

1A — 18GO — AR2 — ALM SDG CKT

TABLE A

MKR CKT			TV CKT		LEAD DESIG (a)	T-REL NO	BAT (z)	DIODE DESIG FOR MKR AND TV LEADS(c)				
A	B	C	D	E				A	B	C	D	E
0	6	12	0	6	MJ	4	X	MJ0	MJ6	MJ12	TJ0	TJ6
					MN	14	W	MN0	MN6	MN12	TN0	TN6
1	7	13	1	7	MJ	5	W	MJ1	MJ7	MJ13	TJ1	TJ7
					MN	15	X	MN1	MN7	MN13	TN1	TN7
2	8	14	2	8	MJ	6	X	MJ2	MJ8	MJ14	TJ2	TJ8
					MN	16	W	MN2	MN8	MN14	TN2	TN8
3	9	15	3	9	MJ	7	W	MJ3	MJ9	MJ15	TJ3	TJ9
					MN	17	X	MN3	MN9	MN15	TN3	TN9
4	10	16	4	-	MJ	8	X	MJ4	MJ10	MJ16	TJ4	-
					MN	18	W	MN4	MN10	MN16	TN4	-
5	11	17	5	-	MJ	9	W	MJ5	MJ11	MJ17	TJ5	-
					MN	19	X	MN5	MN11	MN17	TN5	-

BELL LABORATORIES — SD-25762-01- — MASTER TEST FRAME JACK, LAMP AND KEY — DWG SIZE 6S — ISSUE 97B — 817

FS 15
LK LEADS AND TONE RELAYS

BDMJ1
LK2
431
24E1
MN2
A
MJ
MNI
MN
T-
17A9
226 CLI
-48
12
CLI
19E1

WY,H,J — LK TO DIST AND SCANNER CKT

C — TO OFF. TEST FR TBL IND AND CONN CKT

170 AR
ZU — 2T 1 — ZU
ZT — ZT
Z — 3T 2
2 3D 1 — 40 TRR-AR NL KEY
DLB — 5T 5B T -48 — 950
D — -40 — E — TO OFF. TEST FR TBL IND AND CONN CKT

K Z
J,WY
TO INTERFACE AND CONT CKT ARRANGED FOR ALARM RELEASE — LK2 — WY — H,K — UN
TO CO-LOCATED JK, LP & KEY CKT FOR ACD PHASE II USING SAME ALM SDG CKT — LK2
LK2
AR2
ALM SDG CKT

LK TO TRANSLATOR ACCESS CKT
LK TO AUTO. MON REG. AND SDR TEST CKT
LK TO TV CKT
LK TO MKR CKT
LK TO ROUTE TRANSLATOR CKT
LK TO RCDR AND RCDR CONT CKT
LK TO RCDR AND RCDR CONN CKT
LK TO TRK CONT CKT
LK TO CAMA TV CKT
LK TO ANI TV CKT
LK TO MASTER TIMING CKT
LK TO MASTER TEST FR CONN CKT
LK TO MASTER TEST FR CONN CKT FOR ACD
LK TO OFF. TEST FR TBL IND AND CONN CKT
LK TO STUCK SDR TRK IDENT CKT

H — LK TO ALM SDG CKT
TO OTHER (-AR)KEYS IN SAME AISLE

RR2 RPF 10 — UY — BDTRF
RR2 RPF' 3 — UZ — BDTRF
BG MJA 4 — 439 — MJO
BG MNA 9 — 439 — MNO
TO INTERFACE AND CONT CKT
BG MN2A 9

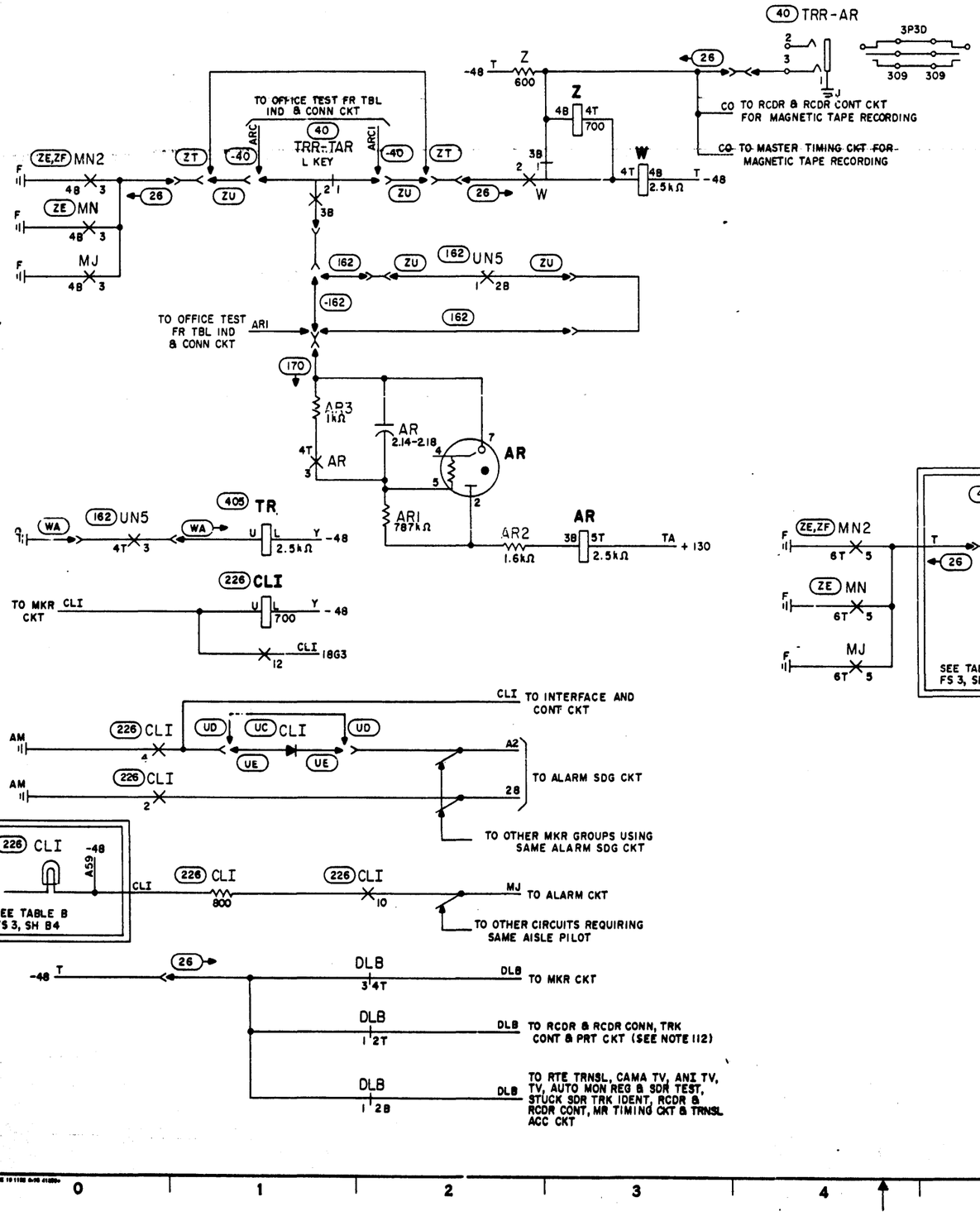
W T2,3 48 3 — WY — T3 — T3
T2 — T2
UO — BDTOE
UY — BDTBE
UO
UY
UC T2A
UB — T2B — UC — 02
UA — UC — UA
UC T3A
UB — T3B — UC — 03
UA — UC — UA
RR2 431 BDMJ2 9
IRR2 BDMJ2' 9 — UX
RR2 RPF 9 — UY — T3A 31B1
RR2 RPF' 4 — UZ
RR2 431 BDMJ1 4
W T2,3 2T 1 — 02,03
WX T1A-9,11,12,14-19 2T 1 — 01,04-09,11,12,14-19

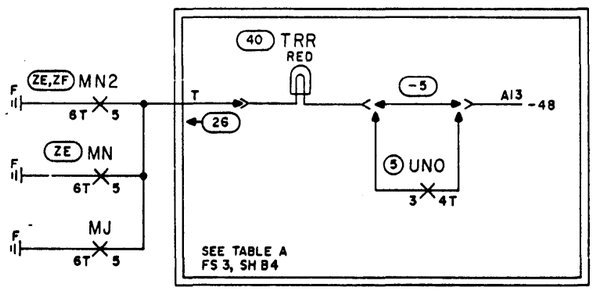
TO CORRESPONDING FIG. 49 ASSOC WITH OTHER MKR GROUPS USING SAME ALM SDG CKT
01-09,11,12, 14-19 — TO ALM SDG CKT

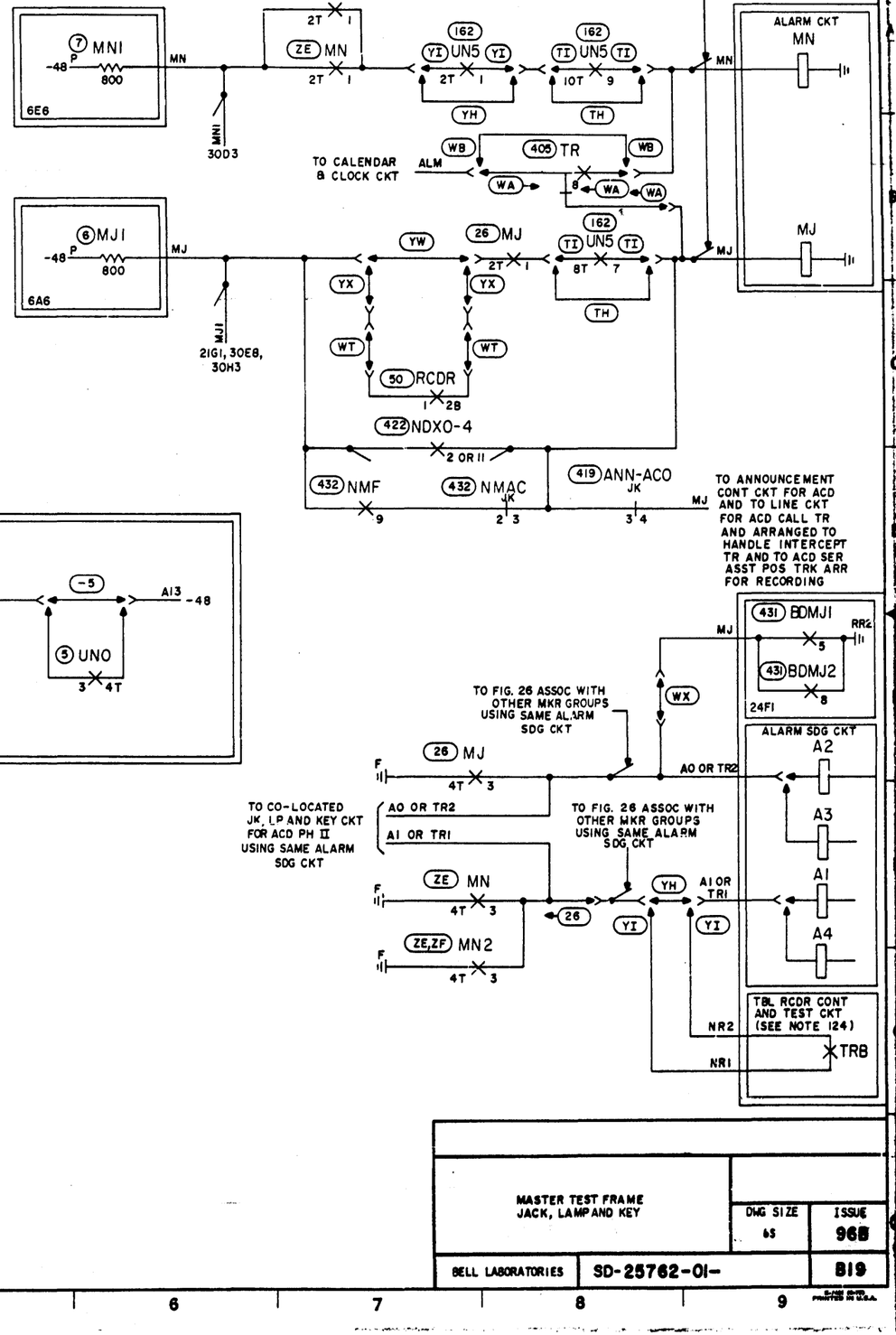
BELL LABORATORIES
MASTER TEST FRAME JACK, LAMP AND KEY
SD-25762-04
DWG SIZE S5
ISSUE 908
818

FS 16

ALARM AND TONE RELAYS







MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 65	ISSUE 968
BELL LABORATORIES	SD-25762-01-		819

FS 17
MARKER ROUTE TRANSFER

TO EADAS/NETWORK MANAGEMENT INTERCONNECTION CKT
RTG (00-04)
RTC (00-04)
P
GO
CE (00-04)
CG (00-04) (SEE NOTE 402)
VE
TO DOC CKT
RTO-4
CD (00-04)
CF (00-04)
CH (00-04)
1-5
429 TRI
VJ
SEE NOTE 143
23
RTO-4
13T 13B 2.5kΩ S -48
VE RTO-4
TO RTE TR KEY AND LP CKT OR TRAFFIC COORD CONT CKT
25 RTCO-4
3T 3B 2.5kΩ S -48
TO RTE TR KEY AND LP CKT
2T 1
44 RT(0'-4')
5T 5B 2.5kΩ S -48
322A
24,249
243
249
VW
T(00-04) TO DAS ETS
RT(0-4) TO INTERFACE AND CONT CKT
TO EADAS/NETWORK MANAGEMENT INTERCONNECTION CKT
RTG (00-09)
RTC (00-09)
(SEE NOTE 228) GO,GI
CE (00-09)
CG (00-09) (SEE NOTE 402)
VF
RTO-4
2
3
1
B,AS
0-4
0-9
5-9
SEE NOTE 143
RTO-9
U L 2.5kΩ TC OR S -48
VF RTO-9
243
VX
T(00-09) TO DAS ETS
247 RT(0'-9')
U L 2.5kΩ TC -48
C(0-4)
RT-
12
XU
XV
SEE NOTE 228
TO RTE TR KEY AND LP CKT OR TRAFFIC COORD CONT CKT
A-
XV
TO RTE TR KEY AND LP CKT (CENTRAL A SWBD IN SAME BLDG OR TRAFFIC COORD CONT CKT)
XU
TO RTE TR KEY AND LP CKT
246 RTC5-9
U L 2.5kΩ TC -48
AT
322A
RT5-9
2
3
1
AS
249

EADAS / NETWORK MANAGEMENT TRANSFER

TO EADAS/NETWORK MANAGEMENT INTERCONNECTION CKT
RTF
429
L KEY
2 1
RTK
RTKG
RRI
TRI
U L 700 RRI -48
TR4 TR3 TR2
TR(2,5,4)
RTKD
12
U L 700 RT5 -48
429 TRI
433
RRI
12

NETWORK MANAGEMENT INTEGRITY FAILURE

TO EADAS/NETWORK MANAGEMENT INTERCONNECTION CKT
430
UNI7
3
NMF
NMFG
NMFD
Z
432 NMF
IU 2U 2450 U -48
432 NM-AR
NL KEY
5 4
RRI
8
2 3

SEE NOTE 228
CO-4
23 RTO-4
TD
RT-
2B,2,4,6,8,10T 1,1,3,5,7,9
243 RTO-9
TF
4-9
TO COMB OR COMPL MKR CKT OR MKR CKT FOR ACD
44 RT(0'-4')
TE
1,3
2,4T
23 RTO-4
TD
8,10B 7,9
247 RT(0'-9')
TG
1-4
TO COMB OR COMPL MKR CKT
23 RTO-4
TD
4B 3
243 RTO-9
TF
3
TO GATE CONT CKT OR COMB. OR COMPL. MKR CKT OR SEQ GATE CONT CKT ARR FOR INTRAFLOW
23 RTO-4
TD
6B 5
243 RTO-9
TF
2
TO COMB. OR COMPL. MKR CKT OR LINE, LINE LK AND MKR CONN CKT FOR ACD
44 RT(0'-4')
2B 1
243 RT(0-4)
VE
VH
RTD(00-04)
12
247 RT(0'-4')
VI
5
TO EADAS/NETWORK MANAGEMENT INTERCONNECTION CKT
243 RT(5-9)
VH
RTD (05-09)
12
247 RT(5'-9')
VI
5

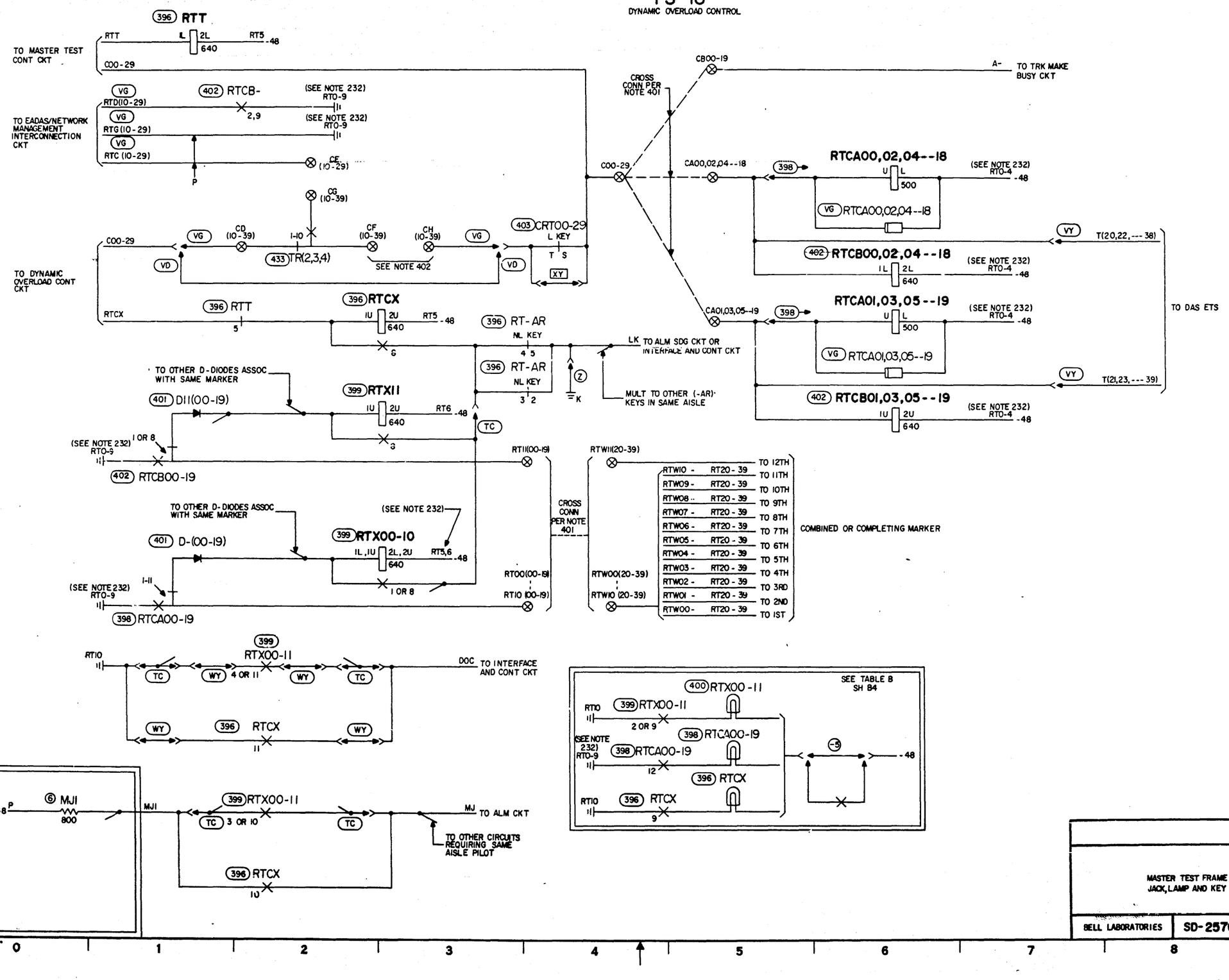
I-4 RTI-4
0
XA
XB
RTO
243,XB
-23
TO MASTER TEST FRAME CONN CKT
23 RTO-4
12B
243 RT5-9
243 RTO-4
XB
-23
RTG
25 RTC (0-4)
A
28 1
XC
CRT(0-4) TO TRAFFIC COORD CONT CKT
243 RT(0-4)
CO-4
11
SEE NOTE 228

MASTER TEST FRAME JACK, LAMP AND KEY

DWG SIZE	ISSUE
6S	94B

BELL LABORATORIES | SD-25762-01- | B20

FS 18
DYNAMIC OVERLOAD CONTROL



MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25762-01-		B21

(425) FS 19

MONITOR AND RELEASE FOR THE OVERFLOW TRUNKS FOR USE WITH EXPANDED PERMANENT SIGNAL ROUTING

OVERFLOW TRUNK CKT FOR USE WITH EXPANDED PERMANENT SIGNAL ROUTING ON TRUNK LINK (-)

RLS
RLS-PC NL KEY
MON
RLS 1510 ±1%
TLB
RLSI
TL-PCI9 L KEY
TL-PCI8 L KEY
TL-PCI1 L KEY
TL-PCI0 L KEY
TL-PC09 L KEY
TL-PC00 L KEY
RLSA
RLS-TL NL KEY
TLA 800
TLA
TLD
TLC
TLB
THRU INTERMEDIATE (TL-) & (PC) KEYS
TO ALL OVERFLOW TRUNKS
CIA
CIB
CI
CI(-)
CT00-19
S00-19
TLS(-)
CIA, CIB
TABLE B, FS 3 SH 84
TL-PCI0-19 AMB (SEE NOTE 193)
TL-PC00-09 AMB (SEE NOTE 193)
UN3B
MON AMB
TLA PC
TO TRUNK LINK CKT
T(00-19)
R(00-19)
S(00-19)
TO LIKE RELAYS OF SAME OVERFLOW TRUNK
RLS-PC NL KEY
MON
TLB 2.5kΩ
TLC 2.5kΩ
TLD 2.5kΩ
RLSA 1050

FS 20

AUTOMATIC STUCK, CUT-THROUGH SENDERS

AM
(372) ACTR L KEY
(232) SSI L KEY
ST
ACTR
VB
VC
XJ
XI
TO INTERFACE AND CONT CKT
(371) CTRO-II 2.5kΩ
(372) ACTR L KEY
CTR
(371) CTR
(373) ACTK 226
(371) CTRO-II
CTRK
TO STUCK SDR TRUNK IDENTIFIER CKT
TO LP(00-09) SDR CKT
TABLE A SH-B3
TO
LPA
(369) IDRIA
XK
XL
S-
LPI
CP3
CP1
TO SDR CKT
B45
B35
(38) CTR
TABLE A SH B:2
ZJ
ZK
164
ZY
UN6-14, UN14A
2,4,6,8,10,12(T,R)
1,3,5,7,9,11
(371) CTRO-II
(369) IDPI
IDRC
(370) IDRC L KEY
(369) IDRI 2.5kΩ
(369) IDRIA 2.5kΩ
TO OTHER IDR-REL

MASTER TEST FRAME JACK, LAMP AND KEY

DWG SIZE 6S

ISSUE 90B

BELL LABORATORIES

SD-25762-01-

B22

FS 21

AUTOMATIC CALL DISTRIBUTION CLOSE DOWN TRUNK MAKE BUSY CONTROL CKT

TRAFFIC COORDINATOR CONTROL CKT
NDO-4
L KEY

417 NDO-4 417 **NDO-4**
NDO-4 JK U L AJ -48
3 4 2.5kΩ

417 NDO-4
CNDO-4 12 BE

BE 417 NDO-4 NDAO-4
BE 417 NDO-4 NDBO-4
BE 417 NDO-4 NDCO-4
BE 417 NDO-4 NDDO-4

422 NDAXO-4 422 NDBXO-4 422 NDCXO-4 422 NDDXO-4

422 NDXO-4 422 **NDXO-4**
5 OR 8 1L,1U 2L,2U 640 AJ -48

423 ND-AR
NL KEY
K (Z)
4 5

TO ALARM SDG CKT LK
2 3

TO OTHER (-AR) KEYS IN SAME AISLE

CROSS CONN PER NOTE 401

TOO 418 TOO(A-E)
T23 418 T23(A-E)

233 MB SEE TABLE A FS 6
TO CONN CKT
82

TO LINE, LINE LK & MKR CONN CONTROL CKT FOR ACD

235 TST (SEE NOTE 135)
2 TTS
1 AN
3 235 **TST** 13T 13B AA -48 2.5kΩ

235 TST L KEY
AN 5 6

TO LINE, LINE LK AND MKR CONN CONTROL CKT FOR ACD

235 TST
TLK1 1,3,5,7,9,11 2,4,6,8,10,12T TLK
TLK1 2,4,6,8B 1,3,5,7 TLK

TSTI
TST 11 12B TST TO GATE CONTROL CKT

LLF SW SECT 1 NBRDG
TST 235 1-10 0-9 ALL 12 TSTI 2T 1 9 TST 10B AN
2 1 38 TSTI 7T 6B AA -48 700

LLF SW SECT 2 NBRDG
FG 235 1-10 0-9 ALL 12 FUG 4B 3 FG 4T
TSTI 4 5B 5T 3B AA -48 700 **FG**

LLF SW SECT 3 NBRDG
FUG 235 1-10 0-9 ALL 12 AN TSTI 5 6T FUG 6T AN
7T 5B AA -48 700 **FUG**

SEQ GATE CONT CKT NO.
IST CLOSE DOWN TRK ROUTE
5TH CLOSE DOWN TRK ROUTE

BE 417 NDO-4 1 NCO0-04 CROSS CONN PER NOTE 401 NCA0 NCO TO IST
BE 3 NCI0-14 NCA1 NC1 TO 2ND
BE 5 NC20-24 NCA2 NC2 TO 3RD
BE 7 NC30-34 NCA3 NC3 TO 4TH
BE 9 NC40-44 NCA4 NC4 TO 5TH

TO SEQUENTIAL GATE CONTROL CKT

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE	ISSUE
6S	85B

BELL LABORATORIES | SD-25762-01- | 823

(431) FS 22
BILLING DATA TRANSMITTER ALARM CONTROL

FS 23
OFFICE TEST FRAME

ALARM CKT
MJ
ALARM RELAY FOR AISLE CONTAINING BILLING DATA TRANSMITTER (FRAME 1)
OKI RFA RPF -48 RF UZ RF4 RPF' 1L 2L 2450 RR2 -48 RF3 RPF' LK2 F2
BILLING DATA TRANSMITTER CKT (FRAME 1)
POWER CONVERTER 132T
ALM2 MJ FAI FA2 ACO ALMI RUN
TO OTHER MJ LEADS REQUIRING SAME AISLE PILOT
6 MJ1 -48 800 6A7
UZ RPF' 2 UZ
BDMJ2' 12
UX BDMJ2 12 UW UP
MJ MJR MJI P
430 UNI7 4 UP UQ
BDMJ2' RR2 1U 2U 2450 UX UW
VM -48 Y 800 VN BDMJ
BILLING DATA TRANSMITTER CKT (FRAME 0)
RUN ACO FAI FA2 MJ ALM1 ALM2 RUN
MULT TO BILLING DATA TRANSMITTER CIRCUITS ON FRAME 0
BDMJ2 RR2 1U 2U 2450 BDMJI
BDMJI 1L 2L 2450 LK2 MJRI
UY,UZ LK2 C7,H7
INTERFACE AND CONT CKT AR2 LK2 LK2 OR LK 18G6
ALARM SENDING CKT AR2 A2/3 AO OR TR2 WX 19E9
T3 -48 T2 -48 INTERFACE AND CONT CKT 18G8
UA UB BDMJ2 9 BDMJI 4 RR2
BDMJ2 8 BDMJI 5 BDMJ2' 8 RPF 8 RPF' 5
ALARM CKT
MJ
ALARM RELAY FOR AISLE CONTAINING BILLING DATA TRANSMITTER (FRAME 0)
OKI RFA ACO MN RF UY RFI RPF -48
RF2 RF TO SECOND BILLING DATA TRANSMITTER CKT ON FRAME 0
RPF 1U 2U 2450 RR2 -48 RFO RPF 12 LK2 F2
TO OFFICE TEST FRAME TEST CKT
MB2-0 194 MB7 MB2 SDR
MB6 MB2 OR
MB2-1 194 MB5 MB2 IR
MB2-3 194 MB4 MB2 TRK
MB1-1 194 MBO-3 MBI IRO-3
SEE TABLE A 194,200 MBI 194,200 MBI 0-9
194,200 MBI MBI-0 14T 14B 2.5kΩ P -48

TABLE A

JACK	NO.	CONT NO. a	CONT NO. b
MBI	0	4	5B
	1	6	7B
	2	8	9B
	3	10	11B
	4	12	13B
	5	4	5T
	6	6	7T
	7	8	9T
	8	10	11T
	9	12	13T

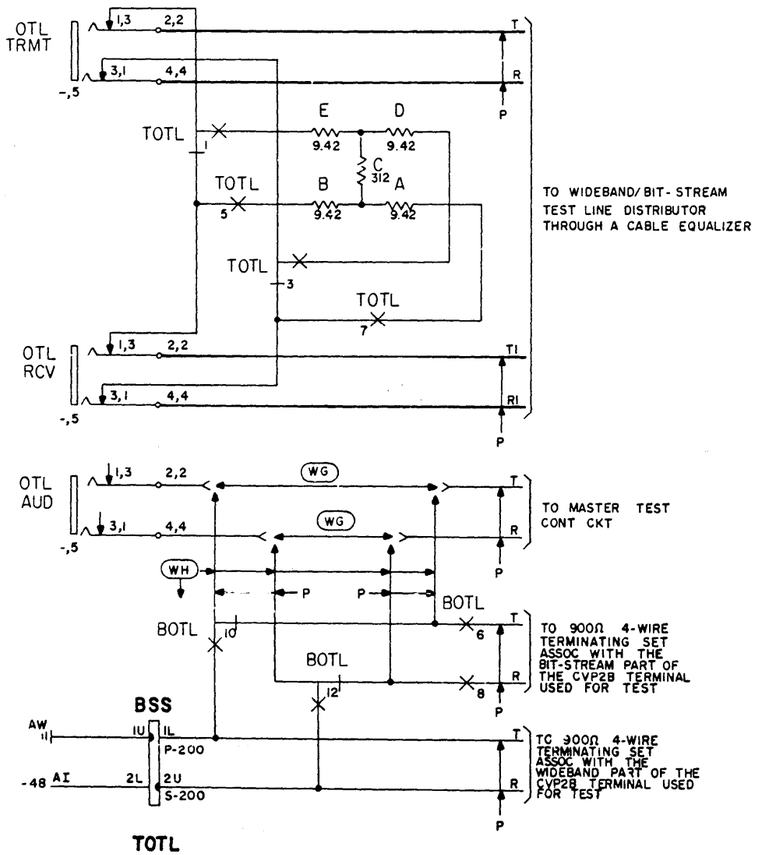
MASTER TEST FRAME
JACK, LAMP AND KEY

BELL LABORATORIES	SD-25762-01-	DWG SIZE 65	ISSUE 32A
	824		

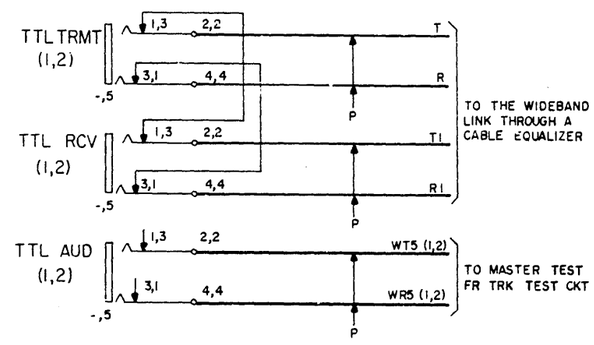
PART OF FS 24

WIDEBAND AND BIT-STREAM SERVICE

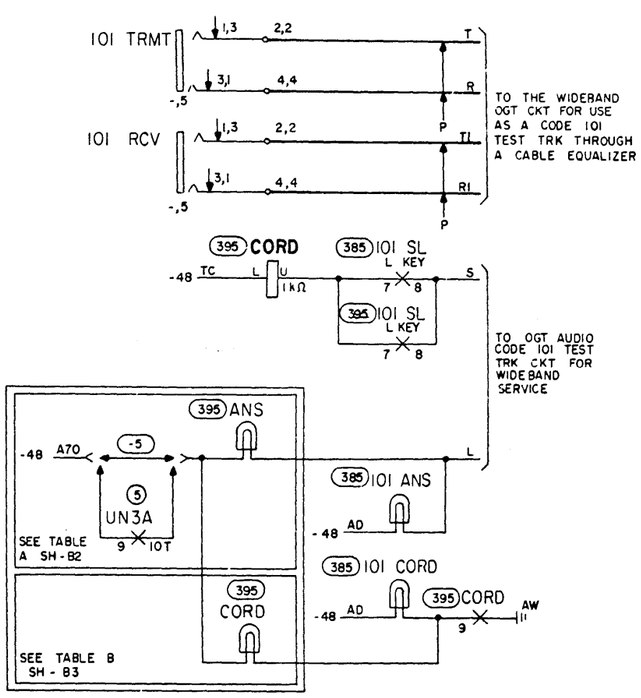
(393) ORIGINATING TEST LINE APPEARANCE FOR WIDEBAND AND BIT-STREAM



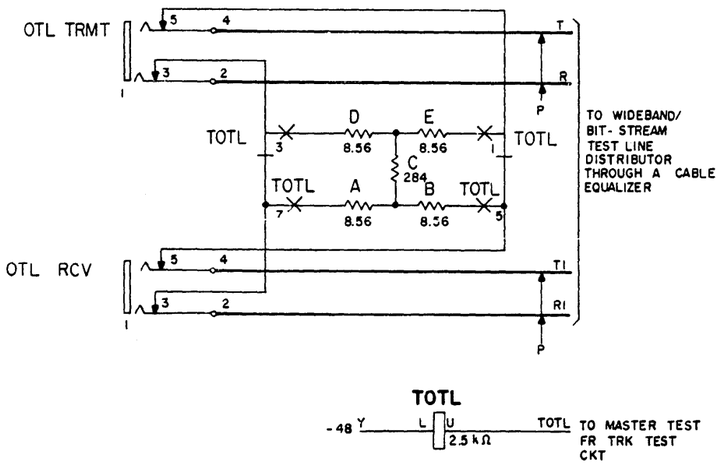
(394) TERMINATING TEST LINE APPEARANCE FOR WIDEBAND

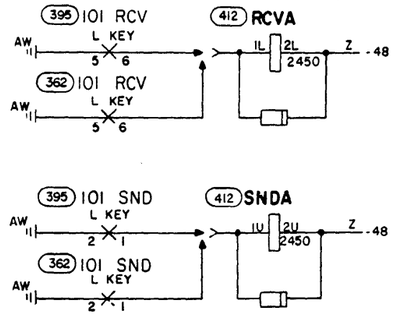


(395) TESTBOARD SIMULATION FOR CODE 101 TEST TRK CIRCUITS FOR WIDEBAND SERVICE



(360) ORIGINATING TEST LINE APPEARANCE FOR WIDEBAND



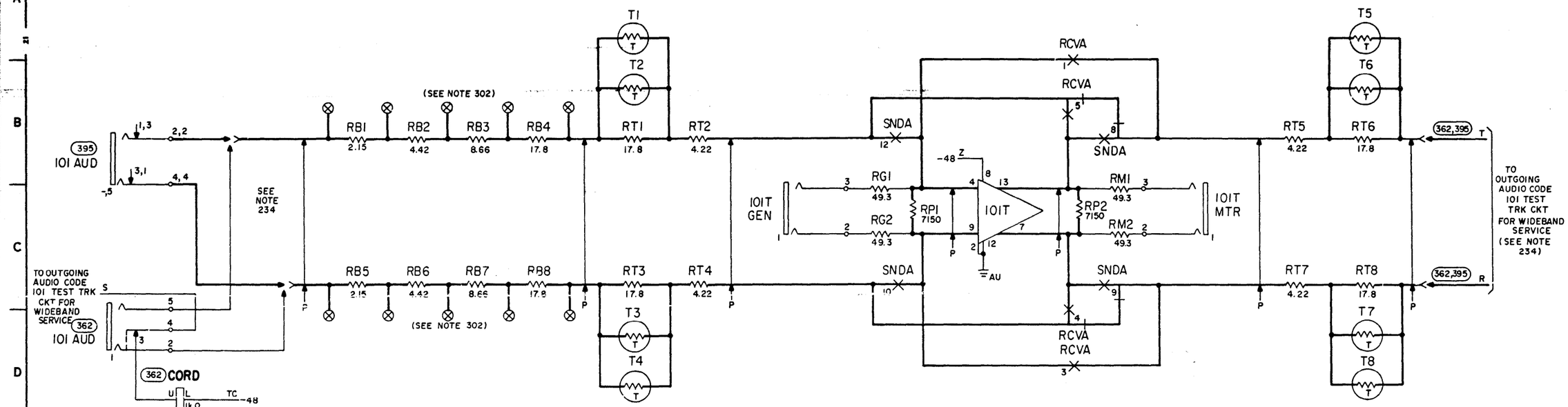


MASTER TEST FRAME JACK, LAMP AND KEY			
		DWG SIZE 6S	ISSUE 85B
BELL LABORATORIES	SD-25762-01-		B25

PART OF FS 24

WIDEBAND AND BIT STREAM SERVICE

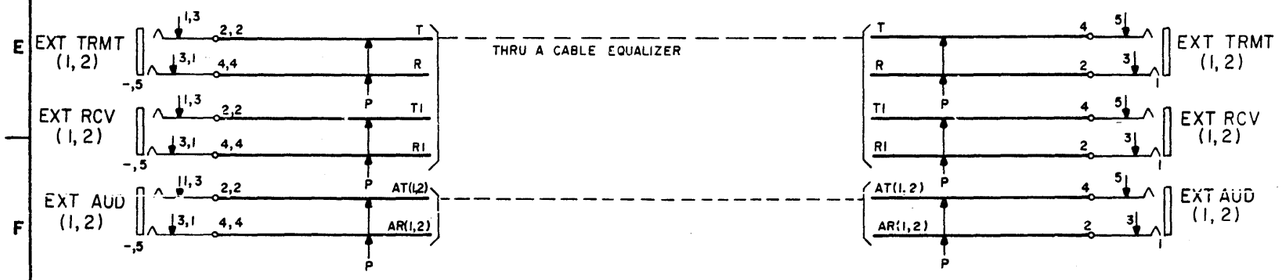
(412) WIDEBAND 101 AUDIO TEST TRK COMPENSATION AND BUILDOUT

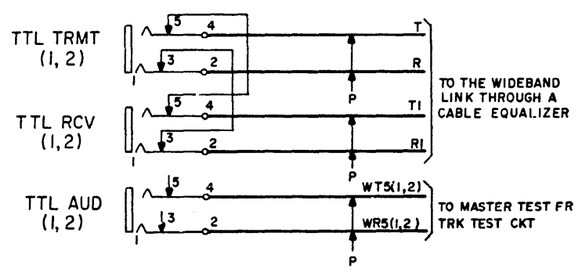


(382) MASTER TEST FR TEST LINE EXTENSION APPEARANCE FOR WIDEBAND

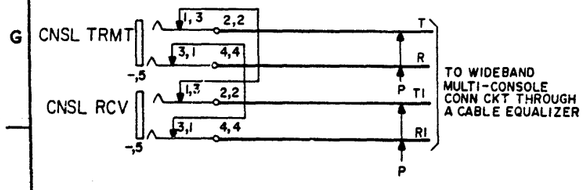
(383) WIDEBAND AUXILIARY TEST LOCATION TEST LINE EXTENSION APPEARANCE FOR WIDEBAND

(361) TERMINATING TEST LINE APPEARANCE FOR WIDEBAND

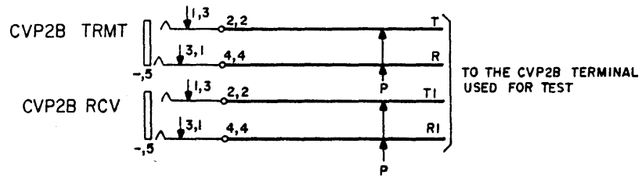




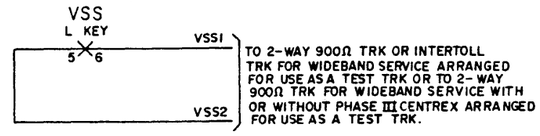
(404) WIDEBAND TEST CONSOLE VIDEO APPEARANCE FOR PHASE III CENTREX WIDEBAND



(410) TEST LINE APPEARANCE FOR THE CVP2B TERMINAL USED FOR BIT-STREAM TESTING



(387) VSS CONTROL FOR THE WIDEBAND TEST 2-WAY TRK



ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY

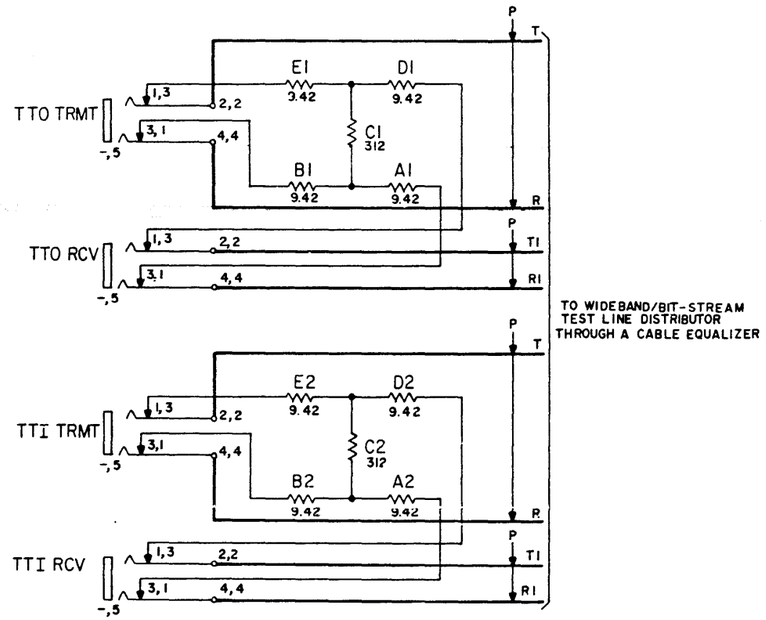
SD-25762-01-B26

BELL TELEPHONE LABORATORIES INCORPORATED

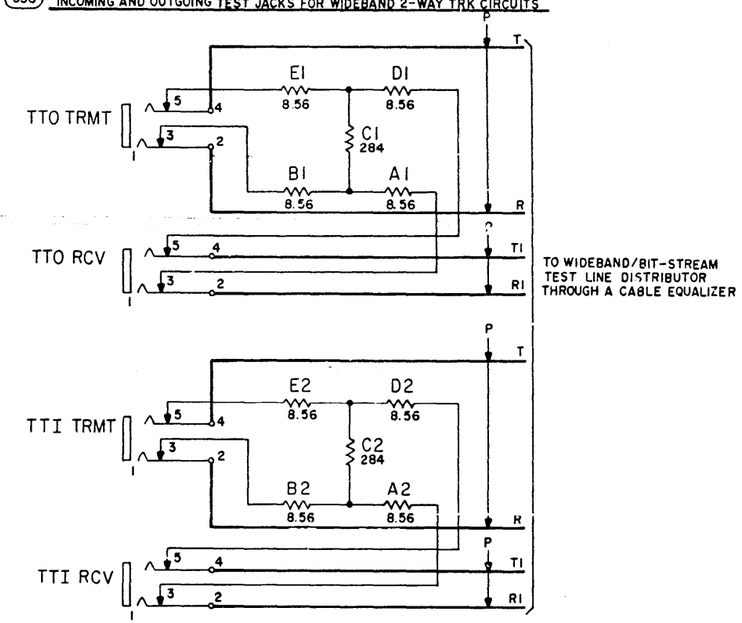
6S

PART OF FS 24
WIDEBAND AND BIT-STREAM SERVICE

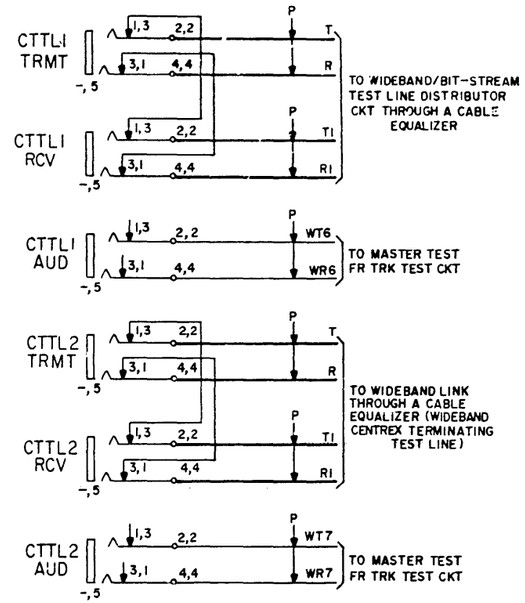
(391) INCOMING AND OUTGOING TEST JACKS FOR WIDEBAND 2-WAY TRK CIRCUITS



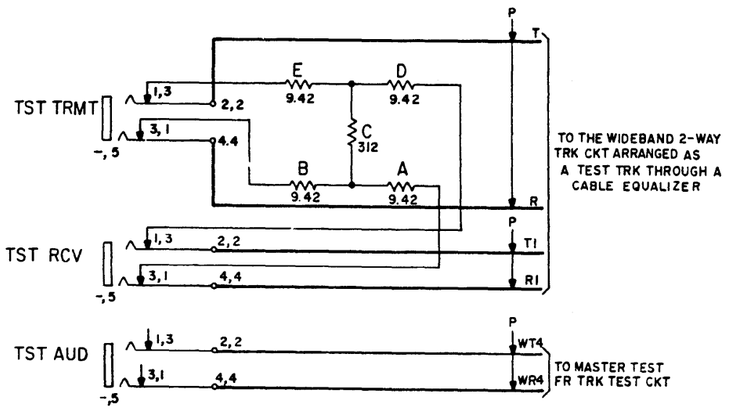
(358) INCOMING AND OUTGOING TEST JACKS FOR WIDEBAND 2-WAY TRK CIRCUITS



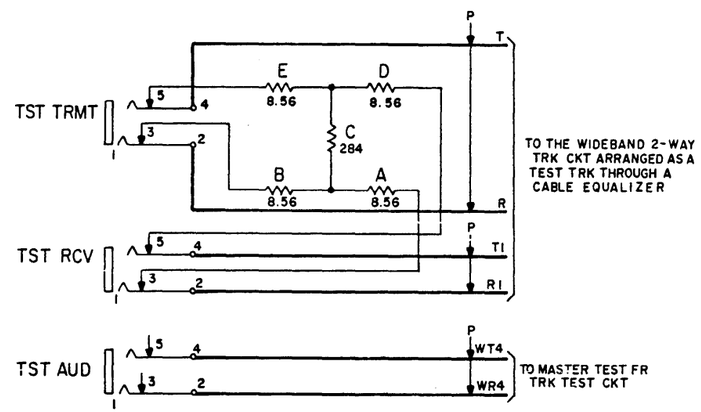
(338) TERMINATING TEST LINE APPEARANCES FOR PHASE III CENTREX WIDEBAND



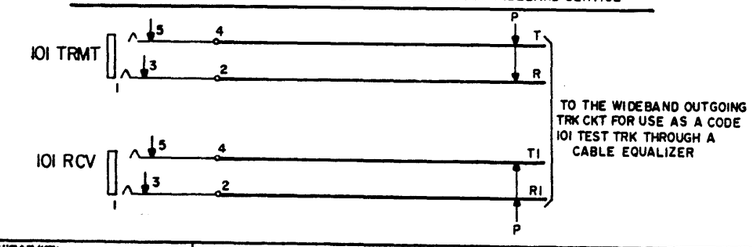
(392) TEST JACKS FOR WIDEBAND AND BIT-STREAM 2-WAY TEST TRK



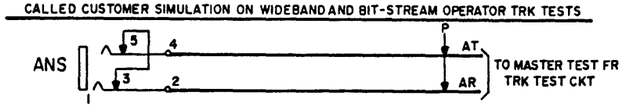
(359) TEST JACKS FOR WIDEBAND 2-WAY TEST TRK



(362) TESTBOARD SIMULATION FOR CODE 101 TEST TRK CIRCUITS FOR WIDEBAND SERVICE



(364) CALLED CUSTOMER SIMULATION ON WIDEBAND AND BIT-STREAM OPERATOR TRK TESTS



MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 6S	ISSUE 858
BELL LABORATORIES	SD- 25762-01		827

PART OF FS 24
WIDEBAND AND BIT-STREAM SERVICE

(384)
WIDEBAND AUXILIARY TEST LOCATION TEST TRK

(SEE NOTE 302)

T9 T10 T11 T12 T13 T14 T15 T16

RB9 2.15 · RB10 4.42 · RB11 8.66 · RB12 17.8 · RT9 17.8 · RT10 4.22

RB13 2.15 · RB14 4.42 · RB15 8.66 · RB16 17.8 · RT11 17.8 · RT12 4.22

RT13 4.22 · RT14 17.8 · RT15 4.22 · RT16 17.8

RCVB

SNDB

WB AUX TT AUD

WB AUX GEN

WB AUX MTR

WB AUX

RG3 49.3 · RG4 49.3 · RM3 49.3 · RM4 49.3

RP3 7150 · RP4 7150

-48 AH

BA

WL ON 500

ACI

PSCT 4.28-4.36 · PSCR 4.28-4.36

ON 10 2U 2L AH -48 S-200

RV 10 2U 2L AH -48 S-200

RV 1L 1U BA P-200

RV -48 AD L U 6 2.5kΩ

ONI BA 4

CORDI -48 AD CORD 380 ±5% L U 34 ONI S 1

TST · RC · RST · AY · AZ

TO WIDEBAND TEST TRK CKT, AUDIO PART, ASSOCIATED WITH THE MASTER TEST FR WIDEBAND AUXILIARY TEST LOCATION (SEE NOTE 234)

WB AUX TT AUD JACK 3 4 · ACI 1U 2U 680 AD -48

SPARE

AC -48

AB -48

RST 8 · RC 1 · BA

PSC-RC JACK · RST 1U 2U -40 · RST 700 AD -48

WB AUX TT RCV L KEY 5 6 · RCVB 1L 2L 2450 AD -48

WB AUX TT SND L KEY 2 1 · SNDB 1U 2U 2450 AD -48

ON 1 · ONI 1L 2L 680 AD -48

PSC-RC JACK 2 3 · RC 1L 2L 640 AD -48

WB AUX TT CORD · CORDI 4 AD -48

WB AUX TT ON · ONI 2 AD -48

WB AUX TT TRMT 1 2 3 4 5 P T R

WB AUX TT RCV 1 2 3 4 5 P TI RI

TO WIDEBAND TEST TRK CKT, WIDEBAND PART, ASSOCIATED WITH THE MASTER TEST FR WIDEBAND AUXILIARY TEST LOCATION THROUGH A CABLE EQUALIZER

MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 6S	ISSUE 85B
BELL LABORATORIES	SD-25762-Ci-		828

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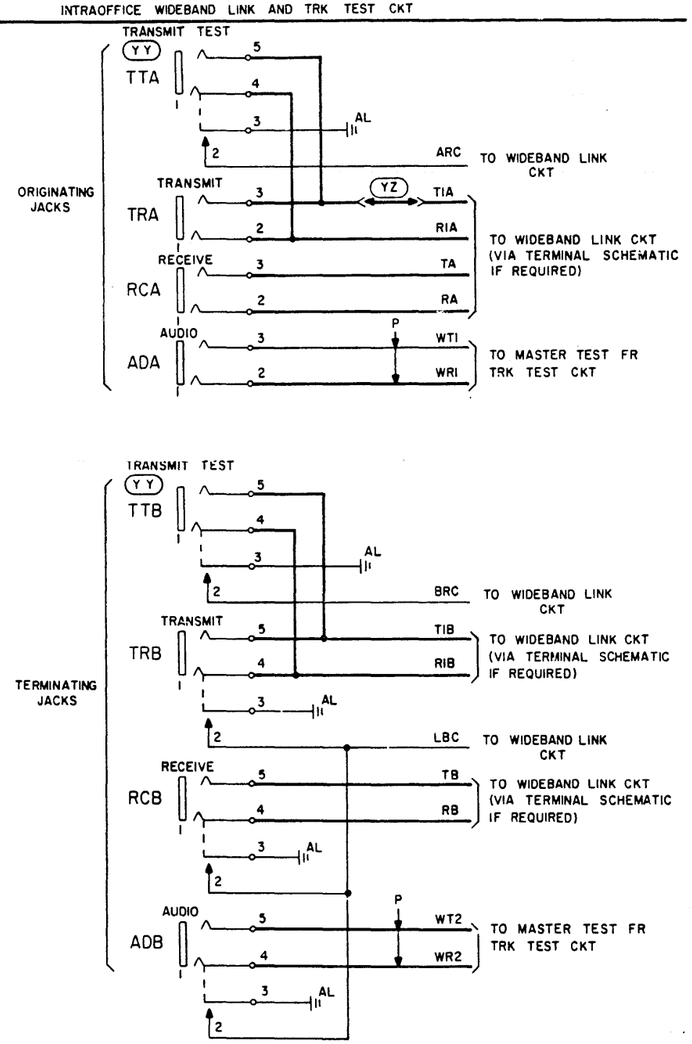
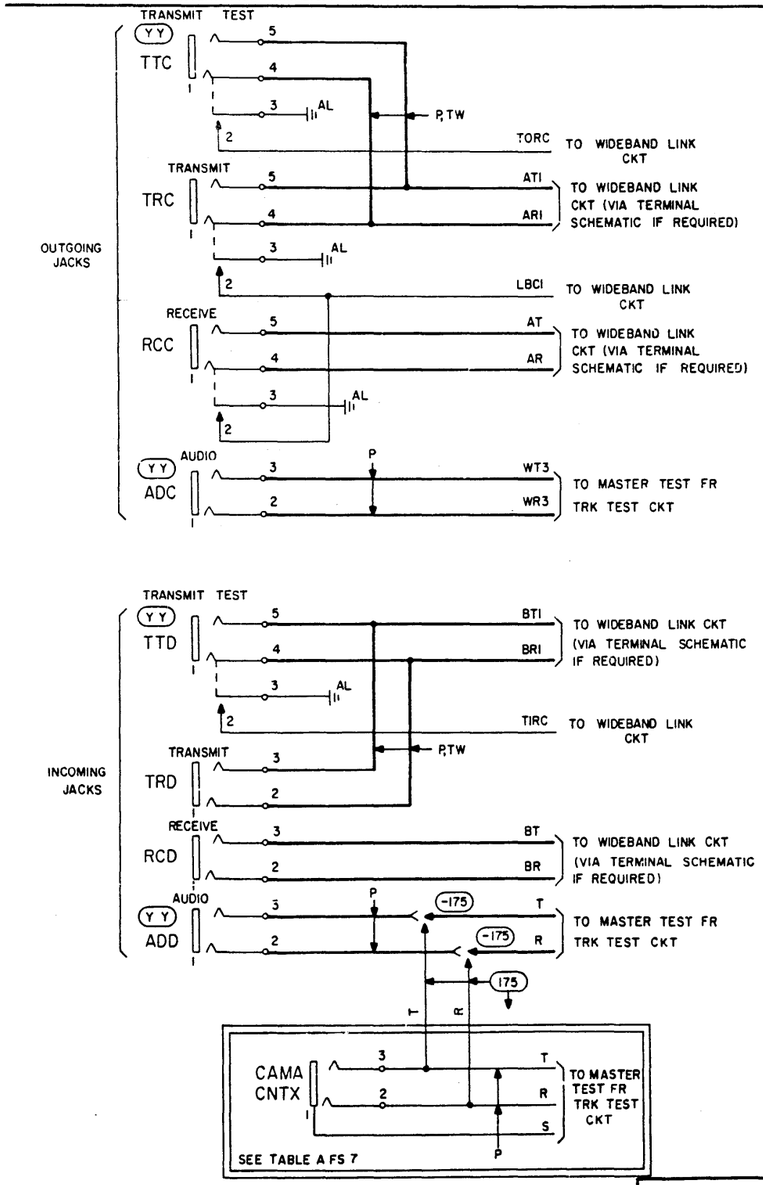
WIDEBAND AND BIT-STREAM SERVICE

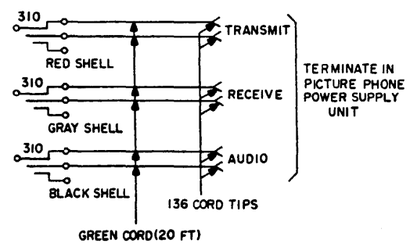
(222) (SPECIAL)
INTRAOFFICE WIDEBAND LINK AND TRK TEST CKT



(229) (SPECIAL)
INTEROFFICE WIDEBAND LINK AND TRK TEST CKT



6WIA CORD



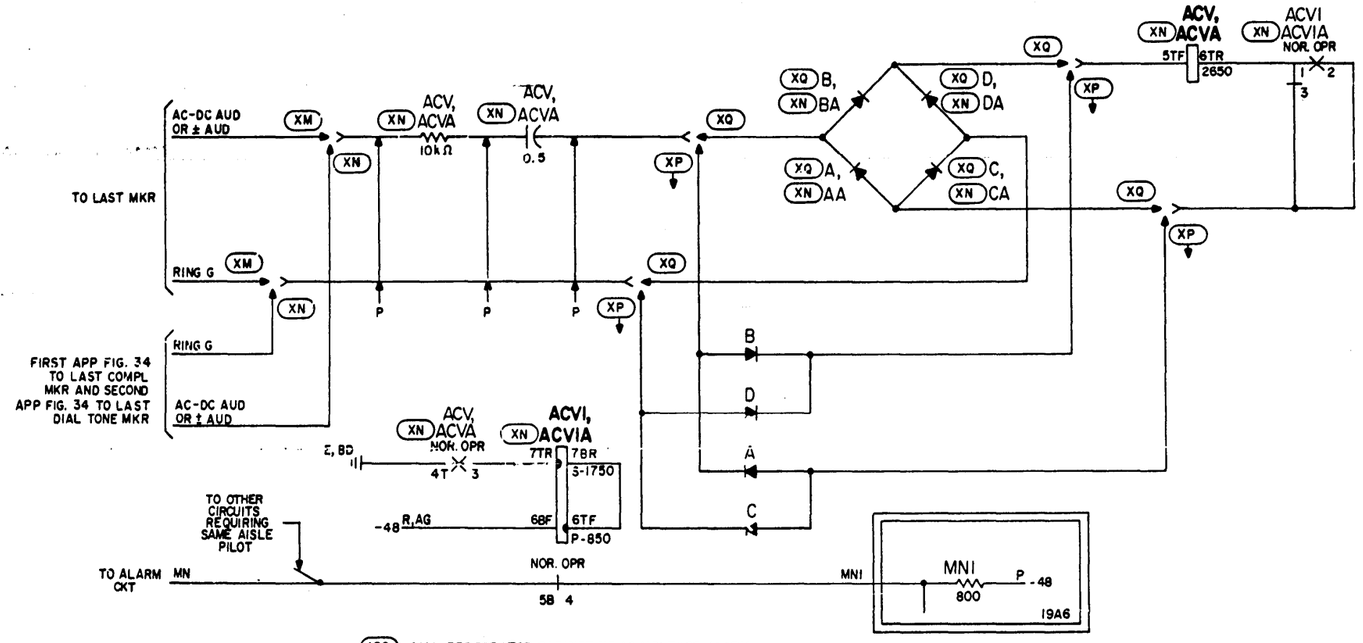
MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 858

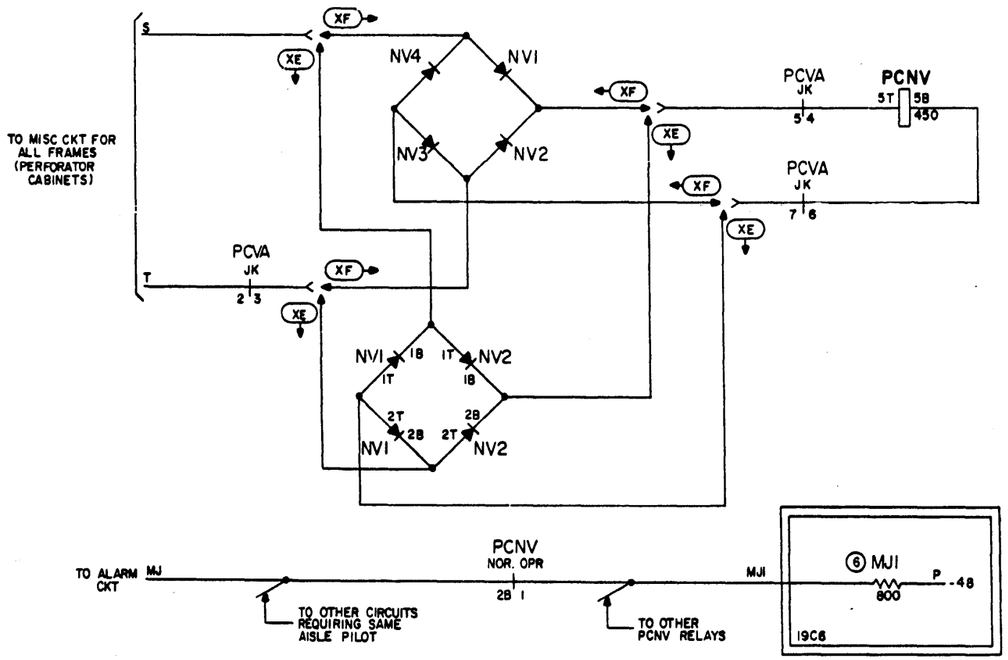
BELL LABORATORIES | SD-25762-01- | 829

FS 25
ALARMS
NO AC VOLTAGE AND TIME OUT

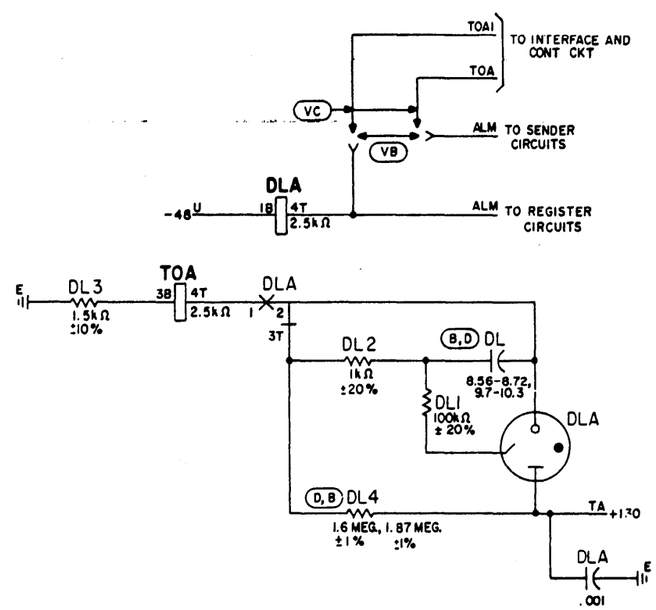
(34) MARKER CONTINUITY TEST
NO AC VOLTAGE ALARM AND CANCEL CONTINUITY

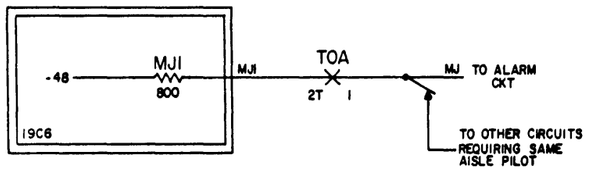


(159) AMA PERFORATOR CABINET NO AC VOLTAGE ALARM



(32) REGISTER AND SENDER TIME OUT ALARM





MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 6S	ISSUE 858
BELL LABORATORIES	SD-25762-01		830

APP FIG. 1

LAMP OPT	DESIG	LOC	CODE
	CCP(00-19)	1A0	2¢ MI
	DRP-	1A0	2¢ MI
	IRP(00-14)	1A0	2¢ MI
	LLC(00-59)	1A0	2¢ MI(2W)WH,(4W)GN
	NGC(00-39)	1A0	2¢ MI
	ORP(00-19)	1A0	2¢ MI
	RSG(0-2)	1A0	2¢ MI
	SC	1A0	2¢ MI
	SCSP	1A0	2¢ MI
	TLC(00-19)	1A0	2¢ MI(2W)WH,(4W)GN
	TLC(20-29)	1A0	2¢ MI(2W)WH,(4W)GN
	TLLC(0-3)	1A0	2¢ MI
	TRP(00-14)	1A0	2¢ MI
	TTLC(0-3)	1A0	2¢ MI
	TVCSP(00-19)	1A0	2¢ MI

APP FIG. 2

LAMP OPT	DESIG	LOC	CODE
	911 PS	2A0	2¢ MI(AMB)
	ACDP	2A0	2¢ MI(AMB)
	ACTA,B	2A0	2¢ MI
	ACTVB	2A0	2¢ MI
	AIS LMB(0-19)	2A0	2¢ MI
	AL(0-4)	2A0	2¢ MI(RED)
	AMB	2A0	2¢ MI
	AN TRK(00-19)	2A0	2¢ MI
	ATVB	2A0	2¢ MI
	BS TDF	2A0	2¢ MI(AMB)
	CAL MB	2A0	2¢ MI
	CAMB	2A0	2¢ MI
	CAT MB-	2A0	2¢ MI
	CCSA MB	2A0	2¢ MI
	CCTA-	2A0	2¢ MI(RED)
	CMBA	2A0	2¢ MI
	CMCGA,B	2A0	2¢ MI(RED)
	CSAB	2A0	2¢ MI
	CSCT	2A0	2¢ MI
	CSGB	2A0	2¢ MI
	CTVBA	2A0	2¢ MI
	CTVC(0-3)	2A0	2¢ MI(RED)
	DAMB	2A0	2¢ MI
	DL	2A0	2¢ MI
	DMBA	2A0	2¢ MI
	DMCGA,B	2A0	2¢ MI(RED)
	DRE	2A0	2¢ MI
	DRMC-	2A0	2¢ MI(RED)
	EMB	2A0	2¢ MI
	IAO MB(0-2)	2A0	2¢ MI(AMB)
	IRGB	2A0	2¢ MI
	IR PRTC(0-2)	2A0	2¢ MI
	IRMC(0,1)(0-3)	2A0	2¢ MI(RED)
	IRMC2(0)	2A0	2¢ MI(RED)
	IRST	2A0	2¢ MI
	LD MN(0-4)	3A0	2¢ MI(AMB)
	LL MC(00-59)	3A0	2¢ MI(RED)
	MBA	3A0	2¢ MI
	MCGA	3A0	2¢ MI(RED)
	MCGAC	3A0	2¢ MI
	MCGADA,B	3A0	2¢ MI
	MCGB	3A0	2¢ MI(RED)
	MCGBC	3A0	2¢ MI
	MCGBDA,B	3A0	2¢ MI

LAMP OPT	DESIG	LOC	CODE
	MT ALM	3A0	2¢MI(RED)
	MTE	3A0	2¢MI
	MTU	3A0	2¢MI
	MTRC	3A0	2¢MI(RED)
	NGCA(0-2)	3A0	2¢MI
	NGCB(0-2)	3A0	2¢MI
	ORBR(0-3)	3A0	2¢MI
	ORBDP	3A0	2¢MI
	ORBMF	3A0	2¢MI
	ORMC-	3A0	2¢MI(RED)
	ORSTR(0-3)	3A0	2¢MI
	ORSTDP	3A0	2¢MI
	ORSTMF	3A0	2¢MI
	OSA	3A0	2¢MI(AMB)
	OSB	3A0	2¢MI(AMB)
	PDI	3A0	2¢MI(RED)
	PRT-	3A0	2¢MI
	PRTC(0-2)	3A0	2¢MI(RED)
	PS	3A0	2¢MI(AMB)
	RMB	3A0	2¢MI
	RRC CHMB(0-2)	3A0	2¢MI(AMB)
	RSMJ	3A0	2¢MI(RED)
	RSMN	3A0	2¢MI(AMB)
	RTMB(0,1)	3A0	2¢MI(AMB)
	SALM	3A0	2¢MI(RED)
	SBYA	3A0	2¢MI
	SBYB	3A0	2¢MI
	SG(0-4)	3A0	2¢MI(RED)
	SGB(0-11)	3A0	2¢MI
	TAFMB	3A0	2¢MI
	TBLA	3A0	2¢MI(RED)
	TBLB	3A0	2¢MI(RED)
	TLLMC(0-3)	3A0	2¢MI(RED)
	TRGB(0-2)	4A0	2¢MI
	TRMC(0-3)	4A0	2¢MI(RED)
	TRST(0-2)	4A0	2¢MI
	TSMB	4A0	2¢MI
	TST	4A0	2¢MI
	TVBA	4A0	2¢MI
	TVC-(0-2)	4A0	2¢MI(RED)
	TVCGA	4A0	2¢MI(RED)
	TVCGB	4A0	2¢MI(RED)
	WBCT MJ	4A0	2¢MI(RED)
	WB LLO	4A0	2¢MI(AMB)
	WB TLO	4A0	2¢MI(AMB)

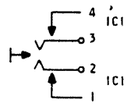
APP FIG. 3

LAMP OPT	DESIG	LOC	CODE
	ACG	7A2	2¢ MI (AMB)
	BIFG	7A2	2¢ MI (AMB)
	CMBE	7A2	2¢ MI
	CMBO	7A2	2¢ MI
	CTVFG	7A2	2¢ MI (AMB)
	DS ACO	7A2	2¢ MI (AMB)
	FATC FG	7A2	2¢ MI (AMB)
	FATFG	7A2	2¢ MI (AMB)
	IDDD PRTFG	7A2	2¢ MI (AMB)
	IG	7A2	2¢ MI (AMB)
	M CAMA FG	7A2	2¢ MI (AMB)
	MFG	7A2	2¢ MI (AMB)
	MTACG	7A2	2¢ MI (AMB)
	MTFG	7A2	2¢ MI (AMB)
	MTTU ACO	7A2	2¢ MI (AMB)
	NMFG	7A2	2¢ MI (AMB)
	PRTFG	7A2	2¢ MI (AMB)
	RDFG	7A2	2¢ MI (AMB)
	RIT	7A2	2¢ MI
	RRC FG	7A2	2¢ MI (AMB)
	RTFG	7A2	2¢ MI (AMB)
	RUT	7A2	2¢ MI
	RW	7A2	2¢ MI
	TLMB	7A2	2¢ MI (AMB)
	TTLMB	7A2	2¢ MI (AMB)
	TVFG	7A2	2¢ MI (AMB)

APP FIG. 4

RELAY DESIG	BAT		
CODE	U695		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP	12,11	M	
	10,9	M	1A1
	8,7	M	
	6,5	M	1A1
	4,3	M	1A1
	2,1	M	1A1
BOT	2,1	M	1A1
	4,3	M	1A1
	6,5	M	1A1
	8,7	M	1A1
	10,9	M	
	12,11	M	
COIL			1B1

KEY 498C BAT



APP FIG. 5

RELAY DESIG	UNO			UN1			UN2			UN3			UN3A			UN3B		
CODE	U695			U695			U695			U695			U695			U695		
OPTION													XD			XZ		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	12,11	M	k	12,11	M	b	12,11	M	2A1	12,11	M	4A1	12,11	M	h	12,11	M	3A1
	10,9	M	3A1	10,9	M	f	10,9	M	3A1	10,9	M	4A1	10,9	M	b	10,9	M	
	8,7	M	j	8,7	M	e	8,7	M		8,7	M	3A1	8,7	M	a	8,7	M	
	6,5	M	b	6,5	M	a	6,5	M	3A1	6,5	M	3A1	6,5	M	2A1	6,5	M	2A1
	4,3	M	c	4,3	M	c	4,3	M	3A1	4,3	M	3A1	4,3	M	2A1	4,3	M	4A7
	2,1	M	e	2,1	M		2,1	M	3A1	2,1	M		2,1	M	2A1	2,1	M	4A7
BOT	2,1	M	a	2,1	M	g	2,1	M	3A1	2,1	M	4A1	2,1	M	c	2,1	M	
	4,3	M	2A1	4,3	M	d	4,3	M	2A1	4,3	M	4A1	4,3	M	d	4,3	M	
	6,5	M	d	6,5	M		6,5	M		6,5	M	4A1	6,5	M	e	6,5	M	
	8,7	M	g	8,7	M		8,7	M		8,7	M	4A1	8,7	M	f	8,7	M	
	10,9	M	f	10,9	M		10,9	M		10,9	M	b	10,9	M	g	10,9	M	
	12,11	M	h	12,11	M		12,11	M		12,11	M	a	12,11	M		12,11	M	
COIL			6C2			6C2			6C2			6C2			6C2			6C2

UNO	UN1	UN3	UN3A
a 2A1, 3A1	a 2A1,3A1,4A1 A7	a 2A1 3A1,4A7	a 2A1,3A1, 4A1,A7
b 2A1, 3A1,4A1	b 2A1,3A1, 4A1	b 3A1, 4A7	b 2A1 4A7
c 2A1,3A1, 4A1,A7	c 1B9,2A1, 3A1,4A7		c 3A1, 4A1
d 2A1, 3A1	d 2A1, 3A1,4A1		d 3A1, 4A1
e 2A1, 3A1,4A7	e 2A1, 3A1,4A1		e 3A1, 4A1
f 2A1, 3A1,4A7	f 2A1, 3A1		f 3A1, 4A1
g 2A1, 3A1,4A7	g 2A1, 3A1		g 3A1, 4A1
h 2A1, 4A1,A7			h 3A1, 4A1
j 3A1, 4A1			
k 3A1, 4A1			

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C1

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 6S

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APP FIG. 6

RESISTOR

OPT	DESIG	LOC	CODE
	MJ1	6A6	18CN

APP FIG. 7

RESISTOR

OPT	DESIG	LOC	CODE
	MN1	6E6	18CN

APP FIG. 8

JACK

OPT	DESIG	LOC	CODE
	MB	8A0	92
	M-C-MB	8A0	
	M-D-MB	8A0	

LAMP

OPT	DESIG	LOC	CODE
	M	3A0	~~21~~ MI
	M-C-	3A0	
	M-D-	3A0	

APP FIG. 9

JACK

OPT	DESIG	LOC	CODE
	DRMCMB	8A0	92
	IRMCMB	8A0	
	LLMCMB	8A0	
	ORMCMB	8A0	
	PRTCMB	8A0	
	SCMB	8A0	
	TLLMCMB	8A0	
	TRMCMB	8A0	
	TVCMB	8A0	
	CTVCMB	8A0	

APP FIG. 10

JACK

OPT	DESIG	LOC	CODE
	DRMB	8A0	92
	ORMB	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	DRTO	2A0	~~21~~ MI (SEE NOTE 1)
	ORTO	3A0	~~21~~ MI (SEE NOTE 1)

APP FIG. 11

JACK

OPT	DESIG	LOC	CODE
	IRMB	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	TO	3A0	~~21~~ MI (SEE NOTE 1)

APP FIG. 12

JACK

OPT	DESIG	LOC	CODE
	T	9A0	92

LAMP

OPT	DESIG	LOC	CODE
	PS	3A0	~~21~~ MI

APP FIG. 13

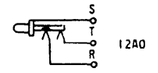
JACK

OPT	DESIG	LOC	CODE
	T	9A0	92

KEY

490A OR 490C

(A) PST



12A0

LAMP

OPT	DESIG	LOC	CODE
	C	7A2	~~21~~ MI
	NC	7A2	
	PB	7A2	

NOTES:
1. WH FOR 2-WIRE, GN FOR 4-WIRE.

ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C2

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

APP FIG. 14

JACK OPT	DESIG	LOC	CODE
	MB	11B8	92
	T	11A7	92

APP FIG. 15

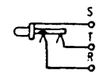
JACK OPT	DESIG	LOC	CODE
	LTD	98O	238A OR 238AM

LAMP OPT	DESIG	LOC	CODE
	LTD(1-5)	3A0	~~21~~ MI

APP FIG. 16

JACK OPT	DESIG	LOC	CODE
W	L	9A0	92
Y	L	9F0	408

KEY 490A OR 490C

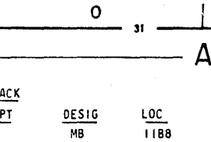


CT	TR
12A0	12A0
12A0	12A0
12A0	12A0

LAMP OPT	DESIG	LOC	CODE
B	2A0	~~21~~ MI(GN)	
L	3A0	~~21~~ MI(RED)	

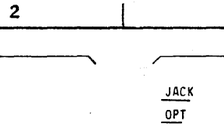
APP FIG. 17 (MFR DISC.)

KEY CICY

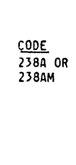


KEYTOP

KEY CICY

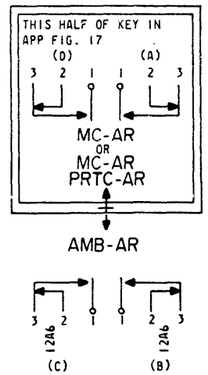


KEYTOP

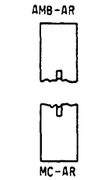


APP FIG. 18 (MFR DISC.)

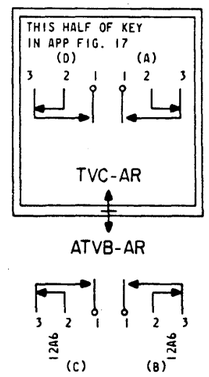
KEY CICY



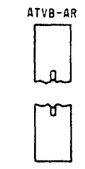
KEYTOP



KEY CICY



KEYTOP



ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C3

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE 6S

PRINTED IN U.S.A.

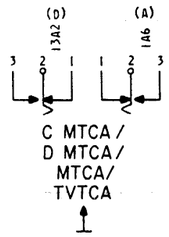
APP FIG. 19 (MFR DISC.)

JACK OPT	DESIG	LOC	CODE
	MB	8A0	92

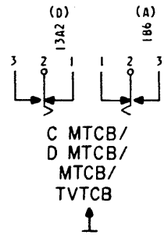
LAMP OPT	DESIG	LOC	CODE
	TO	4A0	~~2+~~ MI

APP FIG. 20

KEY
CILA



KEY
CILA



LAMP OPT	DESIG	LOC	CODE
	C MTCA/ D MTCA/ MTCA/ TVTCA	1A7	~~2+~~ MI (RED)
	C MTCB/ D MTCB/ MTCB/ TVTCB	1B7	~~2+~~ MI (RED)

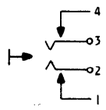
APP FIG. 21

RELAY

DESIG	CCT			CCTA			CGT			CGT N PBX			CGT PBX			CLPT		
CODE	U695			U695			U695			U695			U695			U695		
OPTION				XN			F			G			G			F		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	12,11	M	15F0	12,11	M		12,11	M	15G1	12,11	M	15G1	12,11	M	15F1	12,11	M	15F1
	10,9	M	15F0	10,9	M		10,9	M	15G1	10,9	M	15G1	10,9	M	15F1	10,9	M	15F1
	8,7	M	15F0	8,7	M		8,7	M	15G1	8,7	M	15G1	8,7	M	15F1	8,7	M	15F1
	6,5	M	15F0	6,5	M		6,5	M	15G1	6,5	M	15G1	6,5	M	15F1	6,5	M	15F1
	4,3	M	15F0	4,3	M		4,3	M	15G1	4,3	M	15G1	4,3	M	15F1	4,3	M	15F1
	2,1	M	15F0	2,1	M		2,1	M	15G1	2,1	M	15G1	2,1	M	15F1	2,1	M	15F1
BOT	2,1	M	15F0	2,1	M	15E0	2,1	M	15G1	2,1	M	15G1	2,1	M	15F1	2,1	M	15F1
	4,3	M	15F0	4,3	M	15E0	4,3	M	15G1	4,3	M	15G1	4,3	M	15F1	4,3	M	15F1
	6,5	M	15F0	6,5	M	15E0	6,5	M	15G1	6,5	M	15G1	6,5	M	15F1	6,5	M	15F1
	8,7	M	15F0	8,7	M	15E0	8,7	M	15G1	8,7	M	15G1	8,7	M	15F1	8,7	M	15F1
	10,9	M	15F0	10,9	M	15E0	10,9	M	15G1	10,9	M	15G1	10,9	M	15F1	10,9	M	15F1
	12,11	M	15F0	12,11	M	15E0	12,11	M	15G1	12,11	M	15G1	12,11	M	15F1	12,11	M	15F1
COIL			15D1			15D1			15A1			15A1			15C1			15C1

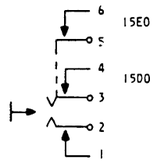
KEY
498C

(XM) CCT	(F) CGT	(G) CGT N PBX	(G) CGT PBX	(F) CLPT
15D0	15A0	15A0	15C0	15C0
7G8	4A5	4A5	4A5	4A5



KEY
498AE

(XN) CCT



LAMP

OPT	DESIG	LOC	CODE
	CCT	7G9	~~2+~~ MI (AM5)
F	CGT	4A6	
G	CGT N PBX	4A6	
G	CGT PBX	4A6	
F	CLPT	4A6	

ISSUE 96B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C4

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET SIZE 6S

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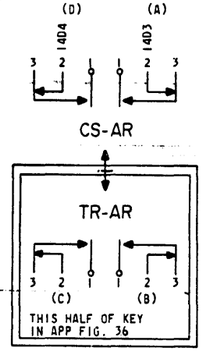
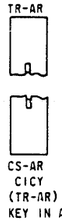
APP FIG. 22 (MFR DISC.)

KEY

CICY



KEYTOP



CICY
(TR-AR) HALF OF
KEY IN APP FIG. 36

APP FIG. 23 (MFR DISC.)

RELAY

DESIG	RTO-4		
CODE	[5] U695		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP	12,11	M	4A5
	10,9	M	20A8
	8,7	M	20A8
	6,5	M	20A8
	4,3	M	20A8
	2,1	M	20A8
BOT	2,1	M	20A8
	4,3	M	20B8
	6,5	M	20B8
	8,7	M	20A8
	10,9	M	20A8
	12,11	M	20F7
COIL			20B4

LAMP

OPT	DESIG	LOC	CODE
[5]	RTO-4	4A6	~~27~~ MI(AMB)

NETWORK

OPT	DESIG	LOC	CODE
VE	[5] RTO-4	20B4	185A

APP FIG. 24 (MFR DISC.)

JACK

OPT	DESIG	LOC	CODE
[5]	RTO-4	20C1	92

APP FIG. 25 (A & M ONLY)

RELAY

DESIG	RTO-4		
CODE	[5] UA19		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP			
	2,1	M	20B1
BOT	2,1	M	20G8
COIL			20B1

APP FIG. 26

RELAY

DESIG	DLB			MJ			MN			MN1			MN2			W			Z		
CODE	U425			U407			U112			U735			U407			U114			U580		
OPTION							ZE			ZE			ZE,ZF								
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP				6,5	M	19E4	6,5	M	19E4				6,5	M	19D4						
	4,3	B	19G3	4,3	M	19E7	4,3	M	19F7				4,3	M	19F7						
	2,1	B	19G3	2,1	M	1988	2,1	M	19A7	3,2,1	BM	17D6	2,1	M	19A7	3,2,1	BM	17E0	3,2,1	BM	18E3
BOT	2,1	B	19H3	2,1	M	1785	2,1	M	1787	3,2,1	BM		2,1	M	1780	2,1,3	MB	19B3	3,2,1	BM	17E0
	4,3	M		4,3	M	19C0	4,3	M	1980				4,3	M	19B0						
COIL			18C3			1785			1786			17C7			1780			19B3			19A3

RESISTOR

OPT	DESIG	LOC	CODE
	Z	19A2	18AE

ISSUE 88B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C5

BELL TELEPHONE LABORATORIES INCORPORATED

6S

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APP FIG. 27

JACK

OPT	DESIG	LOC	CODE
	CTVMB	8A0	92
	TVMB	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	CTV(0-3)	2A0	~~2Y~~ MI
	TV (0-9)	4A0	~~2Y~~ MI

APP FIG. 28

JACK

OPT	DESIG	LOC	CODE
ZW	MB	8A0	92
ZX	MB	980	246A OR 246AM
ZW	TN	8A0	92
ZW	TST	10A0	92
ZX	TST	10B0	246A OR 246AM

LAMP

OPT	DESIG	LOC	CODE
ZX	EMR	2A0	~~2Y~~ MI
ZW	R(00-19)	3A0	~~2Y~~ MI

APP FIG. 29

JACK

OPT	DESIG	LOC	CODE
	PSCMB	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	PSC(0-3)	3A0	~~2Y~~ MI

APP FIG. 30

JACK

OPT	DESIG	LOC	CODE
ZI	AMAT MB	8A0	92
ZH	TRNSL MB	8A0	92

LAMP

OPT	DESIG	LOC	CODE
ZI	AMAT (0-39)	2A0	~~2Y~~ MI
ZH	TRNSL	4A0	~~2Y~~ MI

APP FIG. 31

JACK

OPT	DESIG	LOC	CODE
	R	980	238A OR 238AM

RELAY

DESIG	DLA			TOA		
CODE	U1239			U113		
OPTION						
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP						
	3,2,1	9M	30C8	3,2,1	8M	a
BOT				2,1	M	4A5
COIL			30B8			30C7
					a	6B7 30E8

APP FIG. 32

CAPACITOR

OPT	DESIG	LOC	CODE
B	DL	30C9	437,8.56-8.72uF
D	DL	30C9	268,9.7-10.3uF
	DLA	30D9	KS-20300,L8 OR KS-13614,L5,.001uF

TUBE,ELECTRON

OPT	DESIG	LOC	CODE
	DLA	30D9	313CC

LAMP

OPT	DESIG	LOC	CODE
	R-S-TOA	4A6	~~2Y~~ MI(RED)

RESISTOR

OPT	DESIG	LOC	CODE
	DL1	30D8	KS-13490,L3,100Ω ± 20%
	DL2	30C8	KS-13490,L3,1KΩ ± 20%
	DL3	30C7	KS-13492,L3,1.5KΩ ± 1%
B	DL4	30D8	145A,1.87 MEG ± 1%
D	DL4	30D8	141A,1.6 MEG ± 1%

ISSUE 90B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C6

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

APP FIG. 33

JACK

OPT	DESIG	LOC	CODE
	TRMB-ACD	8A0	
	TRMB-AM	8A0	
	TRMB-BC	8A0	
	TRMB-CM	8A0	
	TRMB-CTV	8A0	
	TRMB-DTM	8A0	
	TRMB-EMR	8A0	
	TRMB-M	8A0	92
	TRMB-MT	8A0	
	TRMB-MTE	8A0	
	TRMB-MTO	8A0	
	TRMB-PRT	8A0	
	TRMB-R	8A0	
	TRMB-RTO,I	8A0	
	TRMB-SC	8A0	
	TRMB-TC	8A0	
	TRMB-TV	8A0	

APP FIG. 34

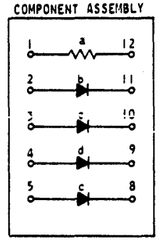
RELAY

DESIG	ACV			ACV1			ACV1A			ACVA		
CODE	UA4			U1314			U1314			UA4		
OPTION							XN			XN		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP												
	4,3	M	3002	~~5,4,3~~	~~BM~~	~~1500~~	5,4,3	BM	1500	4,3	M	3002
	2,1	M		2,1	B	4A5	2,1	B	4A5	2,1	M	
BOT				2,1,3	MB	30A5	2,1,3	MB	30A5			
				5,4	B	a	5,4	B	a			
COIL			30A5			30D2			30D2			30A5
				a		6F7, 30D2	a		6F7, 30D2			

CAPACITOR

OPT	DESIG	LOC	CODE
	ACV	30B2	441B
XN	ACVA	30B2	441B

COMPONENT ASSEMBLY



DESIG			ACV		ACV1	
CODE			[2] KS-94823-( ),G248			
OPTION			XQ		XN	
COMPONENT		CODE	DESIG	LOC	DESIG	LOC
DIODE	b	400J	D	3084	DA	3084
	c		C	3084	CA	3084
	d		B	3083	BA	3083
	e		A	3083	AA	3083
RESISTOR	a	KS-19151,L1,10KΩ				

DIODE

OPT	DESIG	LOC	CODE
XP	A	30D3	400B OR 400J
XP	B	30C3	
XP	C	30D3	
XP	D	30C3	

LAMP

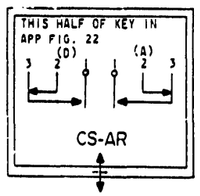
OPT	DESIG	LOC	CODE
	ACV	4A6	~~24~~ MI
XN	ACVA	4A6	~~24~~ MI

RESISTOR

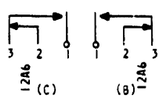
OPT	DESIG	LOC	CODE
	ACV	30B2	18JW
XN	ACVA	30B2	18JW

APP FIG. 36 (MFR DISC.)

KEY
CICY



TR-AR



KEYTOP

CICY
(CS-AR) HALF OF KEY IN APP FIG. 22

APP FIG. 37
(WIRING ONLY)

ISSUE
85B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C7

BELL TELEPHONE LABORATORIES INCORPORATED

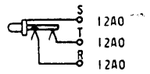
6S

APP FIG. 38

JACK

OPT	DESIG	LOC	CODE
	MB	8A0	92

KEY
490A OR 490C
CTR



LAMP

OPT	DESIG	LOC	CODE
	T0	4A0	~~24~~ MI

APP FIG. 39 (MFR DISC.)

JACK

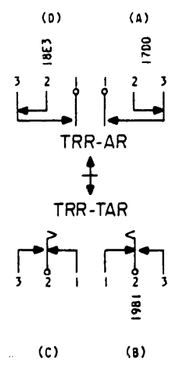
OPT	DESIG	LOC	CODE
	RC-AR AM	9A0	92
	RC-AR M	9A0	
	RC-AR MT	9A0	
	RC-AR PR	9A0	
	RC-AR R	9A0	
	RC-AR SP	9A0	
	RC-AR TV	9A0	

APP FIG. 40

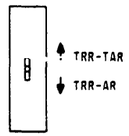
JACK

OPT	DESIG	LOC	CODE
	TRR-AR	19A4	92

KEY
(ZT) C1DA (ZV) C1DB



KEYTOP



LAMP

OPT	DESIG	LOC	CODE
	TRR	4A0	~~24~~ MI (RED)

APP FIG. 41

RELAY

DESIG	PU			PU1			PU2		
CODE	B10			U932			Y109		
OPTION									
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP				5,4,3	PBM	16F7	4,3	M	6B7
	A,1		16E8	2,1	M	16F8	2,1	M	4A5
BOT				3,2,1	BM		3,2,1	BM	16F8
				5,4	M		5,4	M	16F8
COIL			16E8			16E8			16F8

LAMP

OPT	DESIG	LOC	CODE
	PUA	4A6	~~24~~ MI (RED)

APP FIG. 42

RELAY

DESIG	UN4		
CODE	U697		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP	12,11	M	6A4
	10,9	M	6A4
	8,7	M	6A4
	6,5	M	6A4
	4,3	M	6A4
	2,1	M	6A4
BOT	2,1	M	6A4
	4,3	M	6A4
	6,5	M	6F1
	8,7	M	6E1
	10,9	M	17G0
	12,11	M	6F7
COIL			6D2

NETWORK

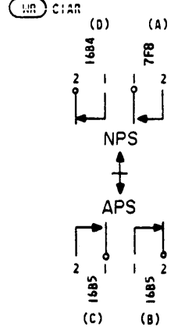
OPT	DESIG	LOC	CODE
ZZ	UN	6E0	177A

APP FIG. 43

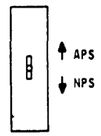
RELAY

DESIG	PSR		
CODE	U115		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP	12,11	M	16C4
	10,9	M	16C4
	8,7	M	16C4
	6,5	M	16C4
	4,3	M	16C4
	2,1	M	16C4
BOT	2,1	M	16C4
	4,3	M	16C4
	6,5	M	16C4
	8,7	M	16C4
	10,9	M	16C4
	12,11	M	16C4
COIL			16A5

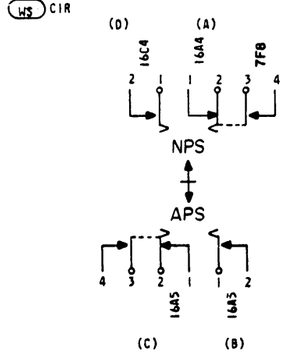
KEY
(UR) C1AR



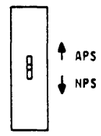
KEYTOP
(WR) C1AR



KEY
(WS) C1R



KEYTOP
(WS) C1R



LAMP

OPT	DESIG	LOC	CODE
WS	CPG	16C4	13J (RES)
	NPS	7E9	~~24~~ MI (AMB)

ISSUE 96B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C8

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 6S

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APP FIG. 44 (A & M ONLY)

RELAY			
DESIG	[5] RTO' - 4'		
CODE	U543		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP			
	4,3	M	20A8
	?,1	M	20A8
BOT	2,1	M	20C8
	4,3	M	
COIL			20C4

APP FIG. 45

JACK OPT	DESIG	LOC	CODE
	PRTMB	8A0	92

LAMP OPT	DESIG	LOC	CODE
	PRT	3A0	~~2+~~ MI

APP FIG. 46 (MFR DISC.)

(WIRING ONLY)

APP FIG. 47

JACK OPT	DESIG	LOC	CODE
	BSR	8A0	92

LAMP OPT	DESIG	LOC	CODE
	SG0(0-2)	1A0,3A0	~~2+~~ MI
	SG1(0-2)	1A0	
	SG2(0-2)	1A0	

APP FIG. 48

LAMP OPT	DESIG	LOC	CODE
	RSGP	7A2	~~2+~~ MI

ISSUE 88B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C9

BELL TELEPHONE LABORATORIES INCORPORATED

6S

APP FIG. 49

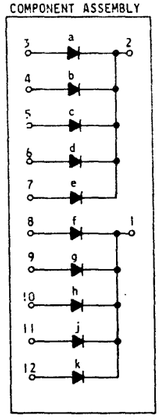
RELAY

DESIG	T			T1, 11			T2, 3			T12		
CODE	[12]U1334			[2]U1334			[2]U1334			U1334		
OPTION	WX			WX			WX			WX		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP												
	4,3	M	b	4,3	M	17B3	4,3	M	17D7,D8	4,3	M	17B1
	2,1	M	18G9	2,1	M	18G9	2,1	M	18G9	2,1	M	18G9
BOT	2,1	M	a	2,1	M	17C1,D4	2,1	M	17D7	2,1	M	17C1
	4,3	M		4,3	M		4,3	M	18G6	4,3	M	
COIL			17B2,B4			17B3			17D7,D8			17B1

a 17C1,D4

b 17B2,B4

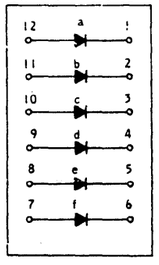
COMPONENT ASSEMBLY



DESIG		JA		JB		JC		NA		NB		NC	
CODE		ED-94823-16, G519											
OPTION		UG											
COMPONENT	CODE	DESIG	LOC	DESIG	LOC	DESIG	LOC	DESIG	LOC	DESIG	LOC	DESIG	LOC
DIODE	a	MJ0	17E4	MJ2	17E4	MJ4	17E4	MN0	17E2	MN2	17E2	MN4	17E2
	b	MJ6	17E4	MJ8	17E4	MJ10	17E4	MN6	17E2	MN8	17E2	MN10	17E2
	c	MJ12	17E4	MJ14	17E4	MJ16	17E4	MN12	17E2	MN14	17E2	MN16	17E2
	d	TJ0	17E4	TJ2	17E4	TJ4	17E4	TN0	17E2	TN2	17E2	TN4	17E2
	e	TJ6	17E4	TJ8	17E4			TN6	17E2	TN8	17E2		
	f	MJ1	17E4	MJ3	17E4	MJ5	17E4	MN1	17E2	MN3	17E2	MN5	17E2
	g	MJ7	17E4	MJ9	17E4	MJ11	17E4	MN7	17E2	MN9	17E2	MN11	17E2
	h	MJ13	17E4	MJ15	17E4	MJ17	17E4	MN13	17E2	MN15	17E2	MN17	17E2
	j	TJ1	17E4	TJ3	17E4	TJ5	17E4	TN1	17E2	TN3	17E2	TN5	17E2
	k	TJ7	17E4	TJ9	17E4			TN7	17E2	TN9	17E2		

APP FIG. 50

COMPONENT ASSEMBLY



DESIG		TA	
CODE		ED-94823-161,G192	
OPTION		UC	
COMPONENT	CODE	DESIG	LOC
DIODE a	533F	T2A	18E7
b		T2B	18E7
c		T3A	18E8
d		T3B	18E8
e		CLI	19F1
f			

RELAY

DESIG	RCDR		
CODE	U440		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP			
	3,2,1	BM	a
	3,2,1	BM	b
BOT			
COIL			6F0

a (WT) 17F6 (WU) 17B7

b (WT) 19C7 (WU) 17C8

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C10

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

APP FIG. 151 (MFR DISC.)

JACK OPT	DESIG	LOC	CODE
	SEND IMW	980	241

APP FIG. 152

KEY
547B OR 547F

	MC-AR	MC & PRTC-AR	TVC-AR
6			
5	12A6	12A6	12A6
4			
3			
2	12A6	12A6	12A6
1			

APP FIG. 153

KEY
547B OR 547F

	AMB-AR	ATVB-AR	ACTVB-AR
6			
5	12A6	12A6	12A6
4			
3			
2	12A6	12A6	12A6
1			

APP FIG. 154

KEY
547B OR 547F
CS-AR

6	
5	14D3
4	
3	
2	14D4
1	

LAMP

OPT	DESIG	LOC	CODE
WE	CSAL	2A0	~~2Y~~ MI (RED)

APP FIG. 155

KEY
547B OR 547F
TR-AR

6	
5	12A6
4	
3	
2	12A6
1	

APP FIG. 156

JACK

OPT	DESIG	LOC	CODE
	MB	9C0	238A OR 238AM
	RC	980	239A OR 239AM
	T	980	241A OR 241AM
	TEL A	900	223A OR 223AM
	TEL B	900	

LAMP

OPT	DESIG	LOC	CODE
	BY	1F7	~~2Y~~ MI (RED)
	SUP	1F8	~~2Y~~ MI

APP FIG. 157

KEY
547B OR 547F
AT & ERL-AR

6	
5	12A6
4	
3	
2	12A6
1	

APP FIG. 158

RELAY

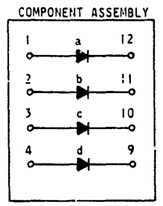
DESIG	BG-		
CODE	81131		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP			
	A,1	M	16D8
BOT			
COIL			16C8

RELAY

DESIG	PCNV		
CODE	U240		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP			
	4,3	M	
	2,1	M	4A5
BOT	2,1	M	a
	4,3	M	
COIL			30E4
		a	687, 30H2

APP FIG. 159

COMPONENT ASSEMBLY



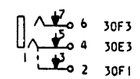
DESIG		NV	
CODE		ED-94923-( ),G614	
OPTION		XF	
COMPONENT	CODE	DESIG	LOC
DIODE a	400A	NV1	30E2
DIODE b	400A	NV2	30F2
DIODE c	400A	NV3	30F2
DIODE d	400A	NV4	30E2

VARISTOR

OPT	DESIG	LOC	CODE
XE	NV1	30G1	33E
XE	NV2	30G2	33E

JACK
242A OR 242AM

PCVA



LAMP

OPT	DESIG	LOC	CODE
	PCNV	4A6	~~2Y~~ MI (WHITE OR RED)

ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C11

BELL TELEPHONE LABORATORIES INCORPORATED

DRAWING SIZE 6S

PRINTED IN U.S.A.

APP FIG. 160

JACK

OPT	DESIG	LOC	CODE
	SDT	980	238A OR 238AM

APP FIG. 161

JACK

OPT	DESIG	LOC	CODE
	FAT MB	840	92

LAMP

OPT	DESIG	LOC	CODE
	FAT (A0-3, B0-3)	240	~~2Y~~ MI

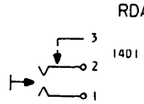
APP FIG. 162

RELAY

DESIG	UN5		
CODE	U695		
OPTION			
X	CONT NO.	CONT ARR	LOC
TOP	12,11	M	6H1
	10,9	M	19A8
	8,7	M	1988
	6,5	M	6G1
	4,3	M	1900
	2,1	M	19A7
BOT	2,1	M	19C2
	4,3	M	
	6,5	M	6E1
	8,7	M	6G1
	10,9	M	1401
	12,11	M	1401
COIL	X	X	6D2

APP FIG. 163

KEY
4988



KEYTOP
4988

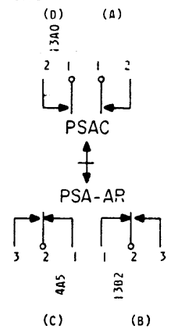
APP FIG. 164

RELAY

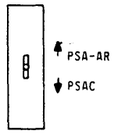
DESIG	[9] UN6-14			UN14A		
CODE	U695			U695		
OPTION				ZY		
X	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	12,11	M	22F7	12,11	M	22F7
	10,9	M	22F7	10,9	M	22F7
	8,7	M	22F7	8,7	M	22F7
	6,5	M	22F7	6,5	M	22F7
	4,3	M	22F7	4,3	M	22F7
	2,1	M	22F7	2,1	M	22F7
BOT	2,1	M	22F7	2,1	M	22F7
	4,3	M	22F7	4,3	M	22F7
	6,5	M	22F7	6,5	M	22F7
	8,7	M	22F7	8,7	M	22F7
	10,9	M	22F7	10,9	M	22F7
	12,11	M	22F7	12,11	M	22F7
COIL	X	X	6D2	X	X	6D2

APP FIG. 165 (MFR DISC.)

KEY
CIKB



KEYTOP
CIKB



LAMP

OPT	DESIG	LOC	CODE
	PSA	446	~~2Y~~ MI (RED)

APP FIG. 166 (MFR DISC.)

INDUCTOR

OPT	DESIG	LOC	CODE
	B	11F2	274J
ZV	0	11G2	274J

JACK

OPT	DESIG	LOC	CODE
YF	TT-MB	11F0	
YF	TT-PJ-1	11D0	
YF	TT-PJ-2	11E0	
YF	TT-PJ-3	11E0	92
ZV	TT-T0	11H0	
	TT-TR	11G0	
	TT-TS	11H0	

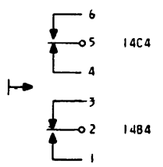
RESISTOR

OPT	DESIG	LOC	CODE
	A	11G1	147F

APP FIG. 167

KEY
547B OR 547F

MAR



ISSUE 96B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25782-01-012

BELL TELEPHONE LABORATORIES INCORPORATED

DRAWING CODE 6S

PRINTED IN U.S.A.

APP FIG. 168

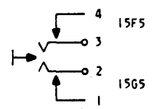
RELAY

DESIG	CLR		
CODE	U115		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP	12,11	M	15H6
	10,9	M	15H6
	8,7	M	15H6
	6,5	M	15H6
	4,3	M	15H6
	2,1	M	15H6
BOT	2,1	M	15H6
	4,3	M	15H6
	6,5	M	15H6
	8,7	M	15H6
	10,9	M	15H6
	12,11	M	15H6
COIL			15F6

KEY

498C

CLRR



KEYTOP

498C

LAMP

OPT	DESIG	LOC	CODE
VU	CLRR	2A0	~~24~~ MI (RED)

APP FIG. 169

RELAY

DESIG	UN15			UN15A		
CODE	U695			U695		
OPTION				YM		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	12,11	M		12,11	M	
	10,9	M	6H1	10,9	M	6H1
	8,7	M	6H1	8,7	M	6H1
	6,5	M	6H1	6,5	M	6H1
	4,3	M	6H1	4,3	M	6H1
	2,1	M	6H1	2,1	M	6H1
BOT	2,1	M	6H1	2,1	M	6H1
	4,3	M	6H1	4,3	M	6H1
	6,5	M	6H1	6,5	M	6H1
	8,7	M	6H1	8,7	M	6H1
	10,9	M	6H1	10,9	M	6H1
	12,11	M		12,11	M	
COIL			6E2			6E2

APP FIG. 170

RELAY

DESIG	AR		
CODE	U317		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP			
	4,3	B	19D1
	2,1	B	18F3
	2,1	M	
BOT			
COIL			19D3

CAPACITOR

OPT	DESIG	LOC	CODE
	AR	19D2	439QA

RESISTOR

OPT	DESIG	LOC	CODE
	AR1	19D2	~~1458~~ KS-20810, L1A, 787
	AR2	19D2	18AT
	AR3	19D1	188H

TUBE, ELECTRON

OPT	DESIG	LOC	CODE
	AR	19D2	346C OR 346B

APP FIG. 171

JACK

OPT	DESIG	LOC	CODE
	BIMB	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	BI(0,1)	2A0	~~24~~ MI

APP FIG. 172

JACK

OPT	DESIG	LOC	CODE
	IB	8A0	92

APP FIG. 173

JACK

OPT	DESIG	LOC	CODE
	NMMBO-1	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	NMO,1	3A0	~~24~~ MI

APP FIG. 174

JACK

OPT	DESIG	LOC	CODE
	MB	11C5	92
	T	11C5	92

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C13

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

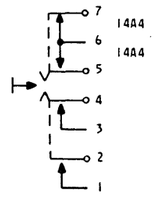
APP FIG. 175

JACK

OPT	DESIG	LOC	CODE
	CAMA/CNTX	9B0	238A OR 238AM

APP FIG. 176

KEY
527A
CMS-AR

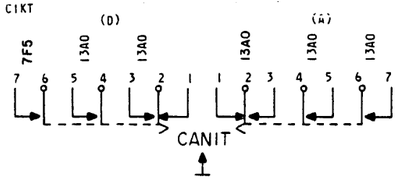


LAMP

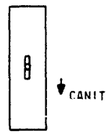
OPT	DESIG	LOC	CODE
	CMS	7A2	~~2~~ MI (AMB)
	CMS-TBL	2A0	~~2~~ MI (RED)

APP FIG. 177

KEY
CIKT



KEYTOP
CIKT

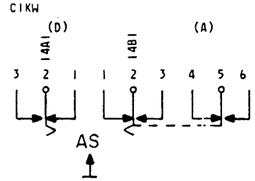


LAMP

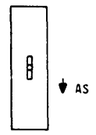
OPT	DESIG	LOC	CODE
	CANIT	7E6	~~2~~ MI (AMB)

APP FIG. 178

KEY
CIKW



KEYTOP
CIKW



APP FIG. 179

JACK

OPT	DESIG	LOC	CODE
	TM	9E0	293A OR 293AM

APP FIG. 180 (MFR DISC.)

LAMP

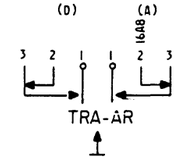
OPT	DESIG	LOC	CODE
	PPCS-SUS	7A2	~~2~~ MI (AMB)
	PPCS-TBL	7A2	~~2~~ MI (RED)

RELAY

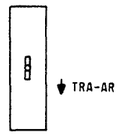
DESIG	TRA		TRL	
CODE	AF30		AF30	
OPTION				
X	CONT ARR	LOC	CONT ARR	LOC
12	EBM	16B7	EBM	16B8
11				
10	EBM	6C7	EBM	6C7
9				
8	EBM		EBM	
7				
6	EBM		EBM	4A5
5				
4	EBM		EBM	
3				
2	EBM		EBM	16A7
1				
COIL	X	16A8	X	16A8

APP FIG. 181

KEY
CIDA



KEYTOP
CIDA



LAMP

OPT	DESIG	LOC	CODE
	TRA	16D8	~~2~~ MI (RED)
	TRL	4A6	~~2~~ MI (AMB)

ISSUE 96B

MASTER TEST FRAME
JACK, LAMP AND KEY

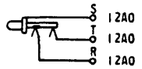
SD-25762-01-C14

BELL TELEPHONE LABORATORIES INCORPORATED

CHKD 6S

APP FIG. 182

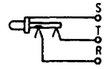
KEY
490A OR 490C
PSTO



LAMP OPT	DESIG	LOC	CODE
	LPO	3A0	~~24~~ MI (GN)

APP FIG. 183

KEY
490C OR 490A

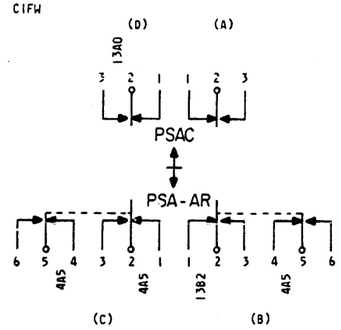


	PSTH	SH
	12A0	12A0
	12A0	12A0
	12A0	12A0

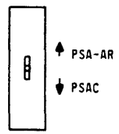
LAMP OPT	DESIG	LOC	CODE
	LPH(00-49)	3A0	~~24~~ MI(GN)

APP FIG. 184

KEY
CIFW



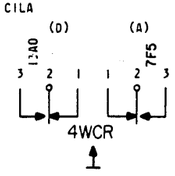
KEYTOP
CIFW



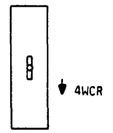
LAMP OPT	DESIG	LOC	CODE
	PSA	4A6	~~24~~ MI (RED)
	PSA-4W	4A6	
YL	PSA-DS	4A6	

APP FIG. 185 (MFR DISC.)

KEY
CILA



KEYTOP
CILA



LAMP OPT	DESIG	LOC	CODE
	4WCR	7F6	~~24~~ MI (AMB)

APP FIG. 186

JACK OPT	DESIG	LOC	CODE
	TRK TST1	10F0	249A OR 249AM
XW	TRK TST2	10F0	249AM

LAMP OPT	DESIG	LOC	CODE
	TTST	1E7	~~24~~ MI

APP FIG. 187 (MFR DISC.)

JACK OPT	DESIG	LOC	CODE
	RPLMB	11A5	92

RESISTOR OPT	DESIG	LOC	CODE
	MB	11A6	188H

ISSUE
96B

MASTER TEST FRAME
JACK, LAMP AND KEY

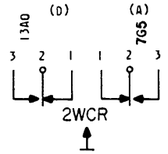
SD-25762-01-C15

BELL TELEPHONE LABORATORIES
INCORPORATED

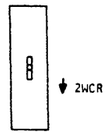
DRAWING SIZE
6S

APP FIG. 188 (MFR DISC.)

KEY
C1LA



KEYTOP
C1LA



LAMP OPT	DESIG	LOC	CODE
	2WCR	7G6	~~2Y~~ MI (AMB)

APP FIG. 189

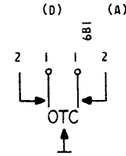
RELAY

DESIG	A1		A2		A3		A4		A5		B	
CODE	AK23				AK23				AK10			
OPTION												
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	BM				BM				BM			
11	BM	6B0			BM	6B0			M			
10									M			
9									M			
8									M	6B0		
7												
6												
5											M	6A2
4											BM	6B2
3											BM	6A2
2			BM				BM				BM	6B2
1			BM	6B0			BM	6B0			BM	6A2
COIL		6A2		6B2		6A2		6B2		6A2		6B2

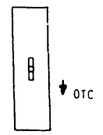
LAMP

OPT	DESIG	LOC	CODE
	OTC	6B0	~~2Y~~ MI

KEY
C1EB

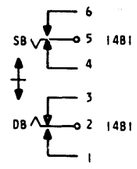


KEYTOP
C1EB



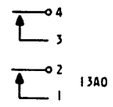
APP FIG. 190

KEY
498AR
NTR



KEYTOP
498AR

KEY
464H
RS

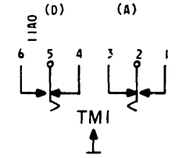


LAMP OPT	DESIG	LOC	CODE
	-48	7A2	~~2Y~~ MI (RED)
	+130	7A2	~~2Y~~ MI (RED)
	LO	7A2	~~2Y~~ MI (AMB)
	TR	1F7	~~2Y~~ MI (AMB)

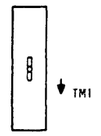
APP FIG. 191

JACK OPT	DESIG	LOC	CODE
	TM1	11A0	238A OR
	TM2	11B0	238AM

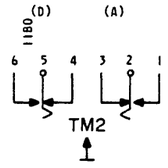
KEY
C1LA OR 2GP



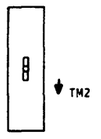
KEYTOP
C1LA



KEY
C1LA OR 2GP



KEYTOP
C1LA



ISSUE
96B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C16

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

APP FIG. 192

JACK

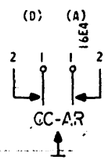
OPT	DESIG	LOC	CODE
	CRO-3	9A0	92

APP FIG. 193

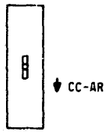
RELAY

DESIG	CC-AR	
CODE	AJ5	
OPTION		
X	CONT ARR	LOC
12	EBM	16F4
11	EBM	16F4
10	EBM	16F4
9	EBM	16F4
8	EBM	16F4
7	EBM	16F4
6	EBM	16F4
5	EBM	16F4
4	EBM	16F4
3	EBM	16F4
2	EBM	16F4
1	EBM	16F4
COIL	X	16E5

KEY
C1E8 OR 2JK



KEYTOP
C1E8



APP FIG. 194 (MFR DISC.)

RELAY

DESIG	MB1		
CODE	U1031		
OPTION			
X	CONT NO.	CONT ARR	LOC
TOP	13,12	M	24E8
	11,10	M	24E8
	9,3	M	24E8
	7,6	M	24E8
	5,4	M	24E8
	2,1,3	MB	
BOT	2,1,3	MB	
	5,4	M	24E8
	7,6	M	24E8
	9,8	M	24E8
	11,10	M	24E8
	13,12	M	24E8
COIL	X	X	24E8

DIODE

OPT	DESIG	LOC	CODE
[4]	MB0-3	24D8	~~4208~~ 533K
	MB4	24C8	
	MB5	24C8	
	MB6	24B8	
	MB7	24B8	

JACK

OPT	DESIG	LOC	CODE
	MB1 (0-9)	24E9	92
	MB1 (IRO-3)	24D9	
	MB2 IR	24C9	
	MB2 OR	24B9	
	MB2 SDR	24B9	
	MB2 TRK	24C9	

APP FIG. 195

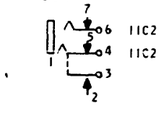
CAPACITOR

OPT	DESIG	LOC	CODE
	B0	11D4	1878

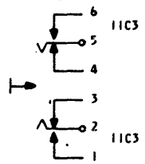
INDUCTOR

OPT	DESIG	LOC	CODE
	H	11D3	274J

JACK
240A
STT



KEY
552A
HOLD



KEYTOP
552A

ISSUE 91B CB

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C17

BELL TELEPHONE LABORATORIES INCORPORATED

6S

APP FIG. 196

CAPACITOR

OPT	DESIG	LOC	CODE
	B01	11F4	187B
	T	11E4	441QF

JACK

OPT	DESIG	LOC	CODE
	TMW	11E3	246A

RESISTOR

OPT	DESIG	LOC	CODE
	T	11F5	19CC

APP FIG. 197 (MFR DISC.)

JACK

OPT	DESIG	LOC	CODE
	DL	98O	238A
	OTL	98O	
	TM	98O	

APP FIG. 199

JACK

OPT	DESIG	LOC	CODE
	TTR MB	8AO	92
	WB TTR MB	8AO	92

LAMP

OPT	DESIG	LOC	CODE
	TTR TO	4AO	~~2F~~ MI
	WB TTR TO	4AO	~~2F~~ MI

APP FIG. 200 (MFR DISC.)

RELAY

DESIG	MB1		
CODE	U1031		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP	13,12	M	24E8
	11,10	M	24E8
	9,8	M	24E8
	7,6	M	24E8
	5,4	M	24E8
	2,1,3	MB	
BOT	2,1,3	MB	
	5,4	M	24E8
	7,5	M	24E8
	9,8	M	24E8
	11,10	M	24E8
	13,12	M	24E8
COIL			24E8

JACK

OPT	DESIG	LOC	CODE
	MB1 (0-9)	24E9	92
	MB2 TRK	9AO	92

APP FIG. 201

JACK

OPT	DESIG	LOC	CODE
	A10DT MB	8AO	92

LAMP

OPT	DESIG	LOC	CODE
	A10DT	2AO	~~2F~~ MI

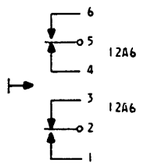
APP FIG. 202

JACK

OPT	DESIG	LOC	CODE
	T1	98O	241A OR
	T2	98O	241AM

APP FIG. 203

KEY
547B OR 547F
TLL MC-AR



APP FIG. 204

JACK

OPT	DESIG	LOC	CODE
	TFR MB	8AO	92

LAMP

OPT	DESIG	LOC	CODE
	TO	4AO	~~2F~~ MI

APP FIG. 205

JACK

OPT	DESIG	LOC	CODE
	ID MB	8AO	92

LAMP

OPT	DESIG	LOC	CODE
	ID	2AO	~~2F~~ MI

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY

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BELL TELEPHONE LABORATORIES INCORPORATED

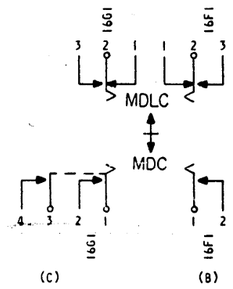
SIZE AND DWG NO. 6S

APP FIG. 206

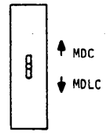
RELAY

DESIG	MUD	
CODE	AF83	
OPTION		
	CONT ARR	LOC
12	M	16G1
11	M	16F1
10	M	16F1
9	M	16F1
8	M	16F1
7	M	16F1
6	M	16F1
5	M	16F1
4	M	16F1
3	M	16F1
2	M	16F1
1	M	16F1
COIL		16F1

KEY
CIM



KEYTOP
CIM



LAMP

OPT	DESIG	LOC	CODE
	MUD	16G1	~~24~~ MI(AMB)

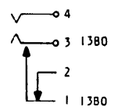
APP FIG. 208

JACK

OPT	DESIG	LOC	CODE
	ROTL MB	8A0	92

APP FIG. 209

KEY
552G



KEYTOP
552G

APP FIG. 210

JACK

OPT	DESIG	LOC	CODE
	TRIC MB	8A0	92

APP FIG. 211

JACK

OPT	DESIG	LOC	CODE
	ACT	980	238A OR 238AM

APP FIG. 212

JACK

OPT	DESIG	LOC	CODE
	TM3	10C0	239A OR 239AM

APP FIG. 213

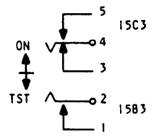
RELAY

DESIG	AN		ANP	
CODE	AF83		AF83	
OPTION				
	CONT ARR	LOC	CONT ARR	LOC
12	M	15C4	M	15A4
11	M	15C4	M	15A4
10	M	15C4	M	15A4
9	M	15C4	M	15A4
8	M	15C4	M	15A4
7	M	15C4	M	15A4
6	M	15C4	M	15A4
5	M	15C4	M	15A4
4	M	15C4	M	
3	M	15B3	M	
2	M		M	
1	M	15A3	M	
COIL		15C4		15A4

RELAY

DESIG	ANM	
CODE	AJ202	
OPTION		
	CONT ARR	LOC
24	M	15B4
23	M	15B4
22	M	15B4
21	M	15B4
20	M	15B4
19	M	15B4
18	M	15B4
17	M	15B4
16	M	15B4
15	M	15B4
14	M	15B4
13	M	15B4
12	M	
11	M	
10	M	
9	M	
8	M	
7	M	15E4
6	M	
5	M	
4	M	15A3
3	M	
2	M	
1	M	
COIL		15B4

KEY
498AR
OAN



KEYTOP
498AR

LAMP

OPT	DESIG	LOC	CODE
	OAN	3A0	~~24~~ MI (AMB)

ISSUE
85B

MASTER TEST FRAME
JACK, LAMP AND KEY

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BELL TELEPHONE LABORATORIES
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APP FIG. 214

RELAY

DESIG	ANR		
CODE	B1087		
OPTION			
	CONT NO.	CONT ARR	LOC
TOP			
	1,A,2	MB	15C5
BOT			
COIL			15E3

DIODE

OPT	DESIG	LOC	CODE
	D1	15E6	~~446E~~ 533F
	D2	15E6	~~446E~~ 533F

RESISTOR

OPT	DESIG	LOC	CODE
	A	15D4	18KF
	B	15E4	18KF

APP FIG. 215

JACK

OPT	DESIG	LOC	CODE
	AAT-MB	8A0	92
	AAT-TST	8A0	92

APP FIG. 216

JACK

OPT	DESIG	LOC	CODE
	AT-MB	8A0	92
	AT-TST	9A0	
	CC-MB	8A0	
	CC-TST	9A0	

APP FIG. 217

JACK

OPT	DESIG	LOC	CODE
	[6]CCTT1-6	9C0	239A OR 239AM

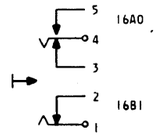
APP FIG. 218 (MFR DISC.)

RELAY

DESIG	IPRA		
CODE	AF85		
OPTION			
	CONT ARR	LOC	
12			
11			
10	EBM		
9	PM	4A5	
8			
7			
6	EBM		
5			
4	PM	16A1	
3	M	6G7	
2			
1			
COIL		16A1	

KEY
498F

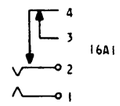
IPR



KEYTOP
498F

KEY
5278

IPR-AR



LAMP

OPT	DESIG	LOC	CODE
	IPR	7A2	~~21~~ MI
	IPRA	4A6	~~21~~ MI (RED)

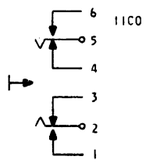
APP FIG. 219

JACK

OPT	DESIG	LOC	CODE
	TM4	11C0	238A OR 238AM

KEY
498M

TM4



KEYTOP
498M

APP FIG. 220

RELAY

DESIG	CMBA	
CODE	AF15	
OPTION		
	CONT ARR	LOC
12		
11		
10		
9		
8	M	4A5
7		
6	EMB	
5		
4	M	6C7
3		
2		
1		
COIL		16H5

LAMP

OPT	DESIG	LOC	CODE
	CMBA	4A6	~~21~~ MI (RED)

ISSUE 91B

MASTER TEST FRAME
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BELL TELEPHONE LABORATORIES
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APP FIG. 221

JACK

OPT	DESIG	LOC	CODE
	DAPC	11B5	92

RESISTOR

OPT	DESIG	LOC	CODE
	MBP	11B6	188H

APP FIG. 222 (SPECIAL)

JACK

OPT	DESIG	LOC	CODE
	ADA	29C1	238A
	ADB	29F1	241A
	RCA	29C1	238A
	RCB	29E1	241A
	TRA	29B1	238A
	TRB	29E1	241A
YY	TTA	29A1	241A
YY	TTB	29D1	241A

APP FIG. 223

JACK

OPT	DESIG	LOC	CODE
	PBXTT	980	246A OR 246AM

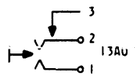
APP FIG. 224

JACK

OPT	DESIG	LOC	CODE
	TRMB-LC	8A0	92

APP FIG. 225

KEY
4988
GLR



KEYTOP
4988

APP FIG. 226

RELAY

DESIG	CLI		
CODE	AF57		
OPTION			
X	CONT ARR	LOC	
12	M	19E1	
11			
10	M	19G3	
9			
8	EBM		
7			
6	EBM	4A5	
5			
4	M	19F0	
3			
2	M	19F0	
1			
COIL	X	19E1	

LAMP

OPT	DESIG	LOC	CODE
	CLI	4A6	~~24~~ MI(RED)

RESISTOR

OPT	DESIG	LOC	CODE
	CLI	19G1	18CN

APP FIG. 227 (A & M ONLY)

JACK

OPT	DESIG	LOC	CODE
	PTMB	8A0	92

APP FIG. 228 (MFR DISC.)

JACK

OPT	DESIG	LOC	CODE
	PTT	980	246A OR 246AM

APP FIG. 229 (SPECIAL)

JACK

OPT	DESIG	LOC	CODE
YY	ADC	29D5	238A
YY	ADD	29F5	238A
	RCC	29C5	241A
	RCD	29F5	238A
	TRC	29B5	241A
	TRD	29E5	238A
YY	TTC	29A5	241A
YY	TTD	29E5	241A

ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY

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BELL TELEPHONE LABORATORIES INCORPORATED

CLASS 6S

APP FIG. 230

KEY
498Y

ENA	ENB	ENC
13A0	13A0	13A0

KEYTOP
498Y

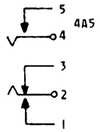
APP FIG. 231 (MFR DISC.)

RELAY

DESIG	INFR
CODE	AF83
OPTION	

	CONT ARR	LOC
12	M	16D1
11	M	16D1
10	M	16D1
9	M	16D1
8	M	16D1
7	M	16D1
6	M	16D1
5	M	16D1
4	M	16D1
3	M	16D1
2	M	16D1
1	M	16D1
COIL		16D1

KEY
498J
INFR

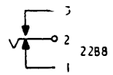


LAMP

OPT	DESIG	LOC	CODE
	INFR	4A6	~~21~~ MI

APP FIG. 232

KEY
498Y
SST



LAMP

OPT	DESIG	LOC	CODE
XI	END	7A2	
XI	FTO	7A2	
XI	FTI	7A2	
WZ	FT2	7A2	
XI	[5] FU0,1,2,4,7	7A2	~~21~~ MI
XI	LH	7A2	
XI	LLP	7A2	
XI	RH	7A2	
XI	SSTI	7A2	
XI	[5] SW0,1,2,4,7	7A2	
XI	SWTO	7A2	
XI	SWII	7A2	
XI	[5] VU0,1,2,4,7	7A2	

APP FIG. 233

JACK

OPT	DESIG	LOC	CODE
	MR	8A0	92

APP FIG. 234

JACK

OPT	DESIG	LOC	CODE
	LTM T1	11E5	246A OR
	LTM T2	11E5	246AM

ISSUE
85B

MASTER TEST FRAME
JACK, LAMP AND KEY

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BELL TELEPHONE LABORATORIES
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APP FIG. 235 (MFR DISC.)

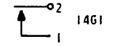
RELAY

DESIG	FG			FUG			TST			TSTI		
CODE	U6072			U6033			U115			U6016		
OPTION												
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP							12,11	M	23B7			
							10,9	M	23B7			
							8,7	M	23B7			
				6,5	M	23E8	6,5	M	23B7	6,5	M	23D8
	4,3	M	23D8	4,3	M	4A5	4,3	M	23B7	4,3	M	4A5
	2,1	M		2,1	B		2,1	M	23B7	2,1	B	23C8
BOT	2,1	M	4A5	2,1	B		2,1	M	23B7	2,1,3	MB	23C8
				4,3	M	23D8	4,3	M	23B7	5,4	M	23D8
							6,5	M	23B7			
							8,7	M	23B7			
							10,9	M	23C8			
							12,11	M	23C9			
COIL			23D8			23D8			23A7			23C8

JACK

OPT	DESIG	LOC	CODE
	TST	23A6	92 (SEE NOTE 135)

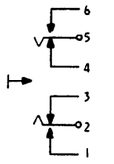
KEY
547A
CGO-9



KEY
547B

	CGRL	GIT-AR	MRARL	NPT-AR	SIT-AR	STX-AR
6,5,4	14F1	13B2	13B2	13B2	13B2	13B2
3,2,1	14F1	13B2	13B2	13B2	13B2	13B2

KEY
552A

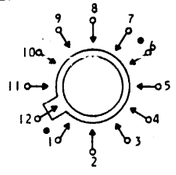


KEYTOP
552A

LAMP

OPT	DESIG	LOC	CODE
	AGCS	2A0	~~2~~ MI(RED)
	FG	4A6	~~2~~ MI
	FUG	4A6	~~2~~ MI
	GITO	2A0	~~2~~ MI(RED)
	NPA	3A0	~~2~~ MI(RED)
	[5]RAO-4	3A0	~~2~~ MI(RED)
	SIT	3A0	~~2~~ MI(RED)
	[10]STXO-9	3A0	~~2~~ MI(RED)
	TST	4A6	~~2~~ MI

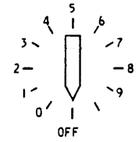
SWITCH
LLF SECT. 1-3



DESIG	LLF
CODE	KS-14618
LIST	40
OPTION	
SECT NO.	
1	23C7
2	23C7
3	23D7

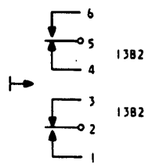
SWITCH SECTIONS SHOWN IN OFF POSITION

SWITCHTOP
KS-14618,L40



APP FIG. 236 (A & M ONLY)

KEY
547B
(WF) FGF-AR



KEY
547B OR 547F

	MCI-AR	RG-AR
6,5,4	13B2	13B2
3,2,1	13B2	13B2

LAMP

OPT	DESIG	LOC	CODE
WF	[10]CGLO-9	2A0	~~2~~ MI
WK	[10]CWALO-9	2A0	~~2~~ MI(AMB)
WF	[10]FGFO-9	2A0	~~2~~ MI(RED)
	[10]LLMCO-9	3A0	~~2~~ MI(RED)
	[10]RGAO-9	3A0	~~2~~ MI

APP FIG. 237

JACK

OPT	DESIG	LOC	CODE
	TTM T1	11A2	92
	TTM T2	10A0	92

ISSUE 85B

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BELL TELEPHONE LABORATORIES INCORPORATED

6S

APP FIG. 238

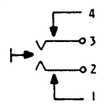
JACK OPT	DESIG	LOC	CODE
	ROTC MB	8A0	92

APP FIG. 239

JACK OPT	DESIG	LOC	CODE
	ROTMB MB	8A0	92

APP FIG. 240

KEY 552M



DIS: 14F1, 14F1

ON: 14E1

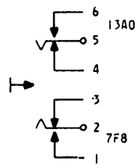
LAMP OPT	DESIG	LOC	CODE
	LT TBL	7A2	~~2¢~~ MI ~~2¢~~ MI(RED)

APP FIG. 241 (A & M. ONLY)

JACK OPT	DESIG	LOC	CODE
	TM	9E0	293A OR 293AM

APP FIG. 242 (MFR DISC.)

KEY 498M
AMO



KEYTOP 498AM

LAMP OPT	DESIG	LOC	CODE
	AMO	7F9	~~2¢~~ MI (RED)

APP FIG. 243

RELAY

DESIG	[10] RTO-9	
CODE	AF83	
OPTION		
	CONT ARR	LOC
12	M	a
11	M	20G8
10	M	4A5
9	M	20A8
8	M	20A8
7	M	20A8
6	M	20A8
5	M	20A8
4	M	20A8
3	M	20B8
2	M	20C8
1	M	20F8
COIL		20D4

a 20E3, 20D8, 20C8

LAMP OPT	DESIG	LOC	CODE
	[10] RTO-9	4A6	~~2¢~~ MI(AMB)

NETWORK OPT	DESIG	LOC	CODE
VF	[10] RTO-9	20D4	185A

APP FIG. 246 (MFR DISC.)

RELAY

DESIG	[2] RTC5-9	
CODE	AJ75	
OPTION		
	CONT ARR	LOC
12	B	
11	M	20F1
10	EBM	
9		
8	EBM	
7		
6	EMB	
5		
4		
3	B	
2	EBM	
1	BM	
COIL		20F1

ISSUE 96B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-0i-C24

BELL TELEPHONE LABORATORIES INCORPORATED

6S

APP FIG. 247

RELAY

DESIG	RT'-		
CODE	AF83		
OPTION			
	CONT ARR	LOC	
12	M		
11	M		
10	M		
9	M		
8	M		
7	M		
6	M		
5	M	20D8	
4	M	20B8	
3	M	20B8	
2	M	20B8	
1	M	20B8	
COIL		20E4	

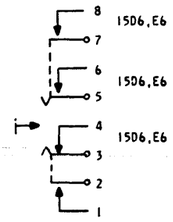
APP FIG. 248 (SPECIAL)

RELAY

DESIG	[3]BCP1-3	
CODE	AJ5	
OPTION		
	CONT ARR	LOC
12	EBM	1586
11	EBM	1586
10	EBM	a
9	EBM	a
8	EBM	a
7	EBM	a
6	EBM	a
5	EBM	a
4	EBM	a
3	EBM	a
2	EBM	a
1	EBM	a
COIL		15C6,06

a 15A6, 1586

KEY
92R
BCP-



LAMP

OPT	DESIG	LOC	CODE
	CPG-	15C7,07	~~24~~ MI(AMB)

APP FIG. 249

JACK

OPT	DESIG	LOC	CODE
	RTO-4	20C1	92
	RT5-9	20F1	92

APP FIG. 350 (MFR DISC)

JACK

OPT	DESIG	LOC	CODE
	CDC	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	CDC	2A0	~~24~~ MI (AMB)

APP FIG. 351

JACK

OPT	DESIG	LOC	CODE
	RTCMB	8A0	92
	RTMB	8A0	92

APP FIG. 352 (A & M ONLY)

JACK

OPT	DESIG	LOC	CODE
	MB	11C8	249A OR 249AM

LAMP

OPT	DESIG	LOC	CODE
	MB	7A2	~~24~~ MI

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY

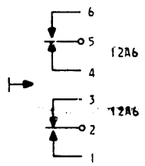
SD-25732-01-C25

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

APP FIG. 353 (MFR DISC.)

KEY
5478 OR 547F
AL - AR

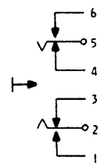


APP FIG. 354 (SPECIAL)

LAMP OPT	DESIG	LOC	CODE
	[32]BCP00-31	15A7,B7	~~24~~ MI(AMB)

APP FIG. 355

KEY
576A



	VSA-	VSB-	VSRL-
			13A1
			13A1
	13A0	13A0	

LAMP OPT	DESIG	LOC	CODE
	VSA-	4A0	~~24~~ MI(RED)
	VSB-	4A0	~~24~~ MI(RED)

APP FIG. 356 (A&M ONLY)

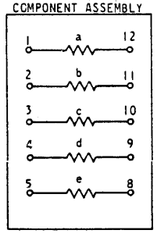
JACK OPT	DESIG	LOC	CODE
	NT	8A0	92

APP FIG. 357

JACK OPT	DESIG	LOC	CODE
	MON	9A0	92

APP FIG. 358 (MFR DISC.)

COMPONENT ASSEMBLY

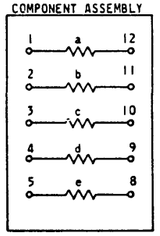


DESIG			TTO		TTI	
CODE			[2] ED-94823-( ),G627			
OPTION						
COMPONENT		CODE	DESIG	LOC	DESIG	LOC
RESISTOR	a	~~221A~~ KS-20810, L1A	A1	27B5	A2	27C5
	b		B1	27B5	B2	27C5
	c		C1	27B5	C2	27C5
	d		D1	27A5	D2	27C5
	e		E1	27A5	E2	27C5

JACK OPT	DESIG	LOC	CODE
	TTC TRMT	27A4	248A OR 248AM
	TTO RCV	27B4	
	TTI TRMT	27C4	
	TTI RCV	27D4	

APP FIG. 359 (MFR DISC.)

COMPONENT ASSEMBLY



DESIG			TST	
CODE			E0-94823-( ),G627	
OPTION				
COMPONENT		CODE	DESIG	LOC
RESISTOR	a	~~221A~~ KS-20810, L1A	A	27F5
	b		B	27F5
	c		C	27E5
	d		D	27E5
	e		E	27E5

JACK OPT	DESIG	LOC	CODE
	TST AUD	27G4	248A OR 248AM
	TST RCV	27F4	
	TST TRMT	27E4	

ISSUE 87B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C26

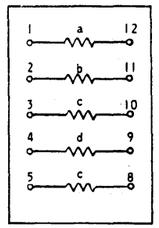
BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

APP FIG. 360 (MFR DISC.)

RELAY

DESIG	TOTL	
CODE	AJ5	
OPTION		
	CONT ARR	LOC
12	EBM	
11	EBM	
10	EBM	
9	EBM	
8	EBM	
7	EBM	25F4
6	EBM	
5	EBM	25F5
4	EBM	
3	EBM	25F4
2	EBM	
1	EBM	25F5
COIL		25G5



DESIG		OTL	
CODE		ED-94823-( ),G627	
OPTION			
COMPONENT	CODE	DESIG	LOC
RESISTOR a	~~221A~~ KS-20810, L1A	A	27F5
RESISTOR b		B	27F5
RESISTOR c		C	27F5
RESISTOR d		D	25E5
RESISTOR e		E	25E5

JACK

248A OR 248AM

OTL RCV OTL TRMT

25F4 25E4

JACK

OPT	DESIG	LOC	CODE
	OTL AUD	9C0	248A OR 248AM

APP FIG. 361 (MFR DISC.)

JACK

OPT	DESIG	LOC	CODE
	TLL AUD	26F7	248A OR 248AM
	TLL RCV	26E7	
	TLL TRMT	26E7	

APP FIG. 362 (MFR DISC.)

RELAY

DESIG	CORD	
CODE	AF85	
OPTION		
	CONT ARR	LOC
12		
11		
10	EBM	
9	PM	4A5
8		
7		
6	EBM	
5		
4	PM	
3	M	
2		
1		
COIL		26D0

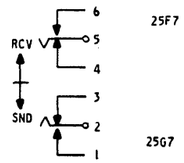
JACK

OPT	DESIG	LOC	CODE
	101 AUD	26D0	249A OR 249AM
	101 RCV	27H0	248A OR 248AM
	101 TRMT	27H0	

KEY

5526

101



25F7

25G7

LAMP

OPT	DESIG	LOC	CODE
	ANS	2A0	~~2F~~ MI
	CORD	4A6	~~2F~~ MI

APP FIG. 363

JACK

OPT	DESIG	LOC	CODE
	RL MB-	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	RL SB-	3A0	~~2F~~ MI (AMB)

APP FIG. 364 (MFR DISC.)

JACK

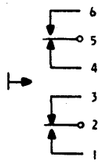
OPT	DESIG	LOC	CODE
	ANS	27H4	293C OR 293CM

APP FIG. 365 (MFR DISC.)

KEY

5478 OR 547F

RS-ACO RS-AR



14A4

12A6

12A6

LAMP

OPT	DESIG	LOC	CODE
	RS-ACO	7A2	~~2F~~ MI (AMB)

APP FIG. 366 (MFR DISC.)

KEY

490C

RS TRI	RS TR2
12A0	12A0
12A0	12A0
12A0	12A0

LAMP

OPT	DESIG	LOC	CODE
	RS TRI	7A2	~~2F~~ MI (AMB)
	RS TR2	7A2	~~2F~~ MI (AMB)

ISSUE 87B

MASTER TEST FRAME
JACK, LAMP AND KEY

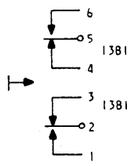
SD-25762-01-C27

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

APP FIG. 367

KEY
547B OR 547F
RS-AIOD



LAMP

OPT	DESIG	LOC	CODE
[5]	DLNO,1,2,4,7	2A0	~~2¢~~ MI
	MJ-AIOD	3A0	~~2¢~~ MI(RED)
	MN-AIOD	3A0	~~2¢~~ MI(AMB)

APP FIG. 368 (MFR DISC.)

JACK

OPT	DESIG	LOC	CODE
	WB/BS MTG	11H5	92

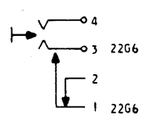
APP FIG. 369

RELAY

DESIG	IDR1		IDR1A	
CODE	AF83		AF83	
OPTION				
	CONT ARR	LOC	CONT ARR	LOC
12	M		M	
11	M		M	
10	M	22F8	M	22E6
9	M	22F8	M	22E6
8	M	22F8	M	22E6
7	M	22F8	M	22E6
6	M	22F8	M	22E6
5	M	22F8	M	22E6
4	M	22F8	M	22E6
3	M	22F8	M	22E6
2	M	22F8	M	22E6
1	M	22F8	M	22E6
COIL	X	22G6	X	22G6

APP FIG. 370

KEY
552G
IDRC



KEYTOP
552G

APP FIG. 371

RELAY

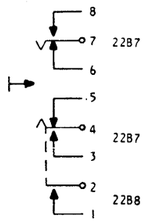
DESIG	CTRO-11
CODE	AF83
OPTION	
	CONT ARR / LOC
12	M
11	M 22C8
10	M 22F8
9	M 22F8
8	M 22F8
7	M 22F8
6	M 22F8
5	M 22F8
4	M 22F8
3	M 22F8
2	M 22F8
1	M 22F8
COIL	X 22B7

NETWORK

OPT	DESIG	LOC	CODE
	CTR	22C7	177A

APP FIG. 372

KEY
552H
ACTR



KEYTOP
552H

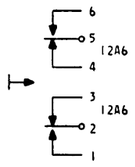
APP FIG. 373

RESISTOR

OPT	DESIG	LOC	CODE
	ACTK	22C8	18AG

APP FIG. 374

KEY
547B OR 547F
SSTI-AR



LAMP

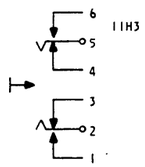
OPT	DESIG	LOC	CODE
	MN-SSTI	3A0	~~2¢~~ MI(AMB)

APP FIG. 375

JACK

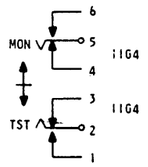
OPT	DESIG	LOC	CODE
	MLPP MTG	11G3	483C OR 483CM

KEY
552A
MLPP CO



KEYTOP
552A

KEY
552E
MLPP



KEYTOP
552E

ISSUE 96B

MASTER TEST FRAME
JACK, LAMP AND KEY

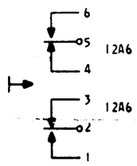
SD-25762-01-C28

BELL TELEPHONE LABORATORIES INCORPORATED

6S

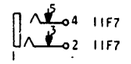
APP FIG. 376 (MFR DISC.)

KEY
547B OR 547F
WBCT-AR



APP FIG. 377

JACK
239CM
EDL



APP FIG. 378

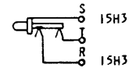
JACK OPT	DESIG	LOC	CODE
	DL	9C0	293CM

APP FIG. 379 (A & M ONLY)

RELAY

DESIG	CGAT-		
CODE	AF83		
OPTION			
	CONT ARR	LOC	
12	M	4A5	
11	M		
10	M		
9	M		
8	M		
7	M		
6	M	15H3	
5	M	15H3	
4	M	15H3	
3	M	15H3	
2	M	15H3	
1	M	15H3	
COIL		15H3	

KEY
490C
CGAT-



LAMP

OPT	DESIG	LOC	CODE
	CGAT-	4A6	~~24~~ MI

APP FIG. 380

JACK OPT	DESIG	LOC	CODE
	CWLMB	8A0	92

APP FIG. 381

LAMP OPT	DESIG	LOC	CODE
	AGCB-	2A0	~~27~~ MI (AMB)

APP FIG. 382 (MFR DISC.)

JACK OPT	DESIG	LOC	CODE
	EXT AUD (1,2)	26F0	618A,553
	EXT RCV (1,2)	26E0	
	EXT TRMT (1,2)	26E0	

APP FIG. 383 (MFR DISC.)

JACK OPT	DESIG	LOC	CODE
	EXT AUD (1,2)	26F5	248AM
	EXT RCV (1,2)	26E5	
	EXT TRMT (1,2)	26E5	

ISSUE 87B

MASTER TEST FRAME
JACK, LAMP AND KEY

SD-25762-01-C29

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

APP FIG. 384 (MFR DISC.)

RELAY

DESIG	CORD1		ON		ON1		ACI		RC		RST		RCVB		SNDB		RV					
CODE	AJ98		AJ102		AK41				AK30				AK4				AF79					
OPTION																						
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12			B				M				M	28D1			M	28B3	EMB					
11							EBM				EBM				EBM		M					
10							EBM				EBM				EBM	28C3	EBM	28B7				
9							EMB	28B6			EMB				EMB	28C4						
8	BM						EMB	28C7			EMB	28E1			EMB	28B4	EBM	28C7				
7																						
6	BM																EMB	28C8				
5					EMB				EMB	28D1			EMB	28A4								
4	M	28E6			EMB	28D7			EMB				EMB	28C4			EBM					
3					EBM				EBM				EBM	28D4								
2			M		EBM	28F6			EBM				EBM				EBM					
1			M	28E4	M	28D8			M	28E1			M	28A4			M					
COIL		28D7		28B7		28E5		28E1		28F5		28F1		28E3		28F3		~~28C7~~				

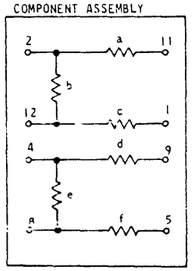
AMPLIFIER

OPT	DESIG	LOC	CODE
	WB AUX	28B4	255A

CAPACITOR

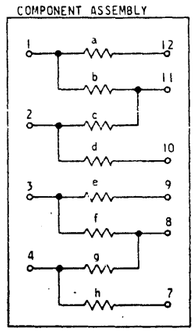
OPT	DESIG	LOC	CODE
	PSCR	28B8	437QA
	PSCT	28B8	437QA

COMPONENT ASSEMBLY



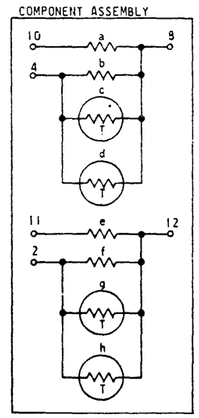
DESIG	WB AUX A			
CODE	ED-94823-( ),G866			
OPTION				
COMPONENT		DESIG	LOC	CODE
RESISTOR	a	RG3	28B3	~~221A~~ KS-20810, L1A, 49.3Ω
	b	RP3	28B3	~~221A~~ KS-20810, L1A,7150Ω
	c	RG4	28B3	~~221A~~ KS-20810, L1A,49.3Ω
	d	RM3	28B4	~~221A~~ KS-20810, L1A,49.3Ω
	e	RP4	28B4	~~221A~~ KS-20810, L1A,7150Ω
	f	RM4	28B4	~~221A~~ KS-20810, L1A,49.3Ω

COMPONENT ASSEMBLY



DESIG	WB AUX B		
CODE	ED-94823-( ),G411		
OPTION			
COMPONENT	DESIG	LOC	CODE
RESISTOR a	RB12	28B1	~~248C~~ KS-21767,L2,17.8Ω
RESISTOR b	RB11	28B1	~~248C~~ KS-21767,L2,8.66Ω
RESISTOR c	RB10	28B1	~~248C~~ KS-21767,L2,4.42Ω
RESISTOR d	RB9	28B1	~~248C~~ KS-21767,L2,2.15Ω
RESISTOR e	RB16	28C1	~~248C~~ KS-21767,L2,17.8Ω
RESISTOR f	RB15	28C1	~~248C~~ KS-21767,L2,8.66Ω
RESISTOR g	RB14	28C1	~~248C~~ KS-21767,L2,4.42Ω
RESISTOR h	RB13	28C1	~~248C~~ KS-21767,L2,2.15Ω

COMPONENT ASSEMBLY



DESIG	WB AUX T1		WB AUX T2	
CODE	(2)ED-94823-( ),G865			
OPTION				
COMPONENT	CODE	DESIG	LOC	DESIG	LOC
RESISTOR a	~~248C~~ KS-21767,L2,4.22Ω	RT10	28B2	RT13	28B5
RESISTOR b	~~248C~~ KS-21767,L2,17.8Ω	RT9	28B2	RT14	28B6
RESISTOR e	~~248C~~ KS-21767,L2,4.22Ω	RT12	28C2	RT15	28C5
RESISTOR f	~~248C~~ KS-21767,L2,17.8Ω	RT11	28C2	RT16	28C6
THERMISTOR c	15A	T9	28A2	T13	28A6
THERMISTOR d		T10	28A2	T14	28A6
THERMISTOR g		T11	28C2	T15	28C6
THERMISTOR h		T12	28D2	T16	28D6

CONNECTOR

OPT	DESIG	LOC	CODE
	TST	28D0	KS-8586,L10

INDUCTOR

OPT	DESIG	LOC	CODE
WL	ON	28B6	274G

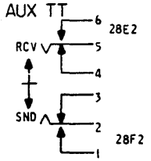
JACK

OPT	DESIG	LOC	CODE
	PSC-RC	28F0, F4	241AM
	WB AUX GEN	28B2	238AM
	WB AUX MTR	28B5	238AM
	WB AUX TT AUD	28B0, E0	249AM
	WB AUX TT RCV	28E8	248AM
	WB AUX TT TRMT	28E7	248AM

KEY

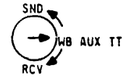
552E

WB AUX TT



KEYTOP

552E



LAMP

OPT	DESIG	LOC	CODE
	WB AUX TT CORD	28E6	~~24~~ MI
	WB AUX TT ON	28E6	~~24~~ MI

NETWORK

OPT	DESIG	LOC	CODE
	RC	28D0	186A
	RCVB	28E3	185A
	SNDB	28F3	185A

RESISTOR

OPT	DESIG	LOC	CODE
	CORD	28D7	18AR
	RST	28F1	18DH

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY

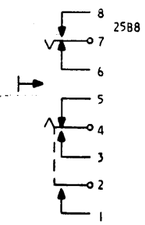
SD-25762-01-C30

BELL TELEPHONE LABORATORIES INCORPORATED

6S

APP FIG. 385 (MFR DISC.)

KEY
552H
101 SL



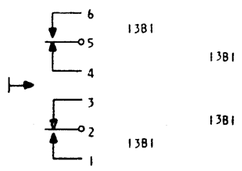
KEYTOP
552H

LAMP

OPT	DESIG	LOC	CODE
	101 ANS	25D8	~~2+~~ MI
	101 CORD	25D8	~~2+~~ MI

APP FIG. 386

KEY
5478 OR 547F

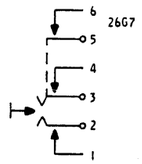


LAMP

OPT	DESIG	LOC	CODE
	MJ-AIOD	3A0	~~2+~~ MI (RED)
	MN-AIOD	3A0	~~2+~~ MI (AMB)
	PSD	3A0	~~2+~~ MI
	TRAP	4A0	~~2+~~ MI
	TSD	4A0	~~2+~~ MI

APP FIG. 387 (MFR DISC.)

KEY
552B
VSS



KEYTOP
552B

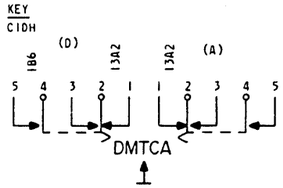
APP FIG. 388 (MFR DISC.)

JACK

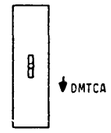
OPT	DESIG	LOC	CODE
	CTTL1 AUD	27C7	618A OR 553
	CTTL1 RCV	27B7	
	CTTL1 TRMT	27A7	
	CTTL2 AUD	27D7	
	CTTL2 RCV	27D7	
	CTTL2 TRMT	27C7	

APP FIG. 389

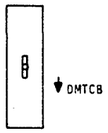
KEY
C1DH



KEYTOP
C1DH



KEYTOP
C1DH



LAMP

OPT	DESIG	LOC	CODE
VR	DMTCA	IA7	~~2+~~ MI (RED)
VR	DMTCB	IC7	

APP FIG. 390

JACK

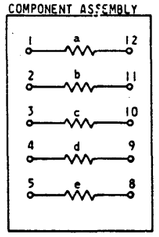
OPT	DESIG	LOC	CODE
XS	TR	8A0	92

LAMP

OPT	DESIG	LOC	CODE
XS	TC(00-19)	3A0	~~2+~~ MI
XT	TC EMER	3A0	~~2+~~ MI (AMB)

APP FIG. 391 (MFR DISC.)

COMPONENT ASSEMBLY



DESIG			TTU		TTI	
CODE			[2] ED-94823-( ),G777			
OPTION						
COMPONENT		CODE	DESIG	LOC	DESIG	LOC
RESISTOR	a	~~221A~~ KS-20810,L1A	A1	27B1	A2	27C1
	b		B1	27B1	B2	27C1
	c		C1	27B1	C2	27C1
	d		D1	27A1	D2	27C1
	e		E1	27A1	E2	27C1

JACK

OPT	DESIG	LOC	CODE
	TTO RCV	27B0	618A OR 553
	TTO TRMT	27A0	
	TTI RCV	27D0	
	TTI TRMT	27C0	

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY

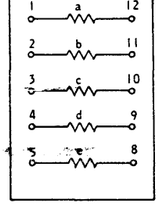
SD-25762-01-C31

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

APP FIG. 392 (MFR DISC.)

COMPONENT ASSEMBLY



DESIG			TST	
CODE			ED-94823-( ),G777	
OPTION				
COMPONENT		CODE	DESIG	LOC
RESISTOR	a	~~221A~~ KS-20810,L1A	A	27F1
	b		B	27F1
	c		C	27E1
	d		D	27E1
	e		E	27E1

JACK

OPT	DESIG	LOC	CODE
	TST AUD	27G0	618A OR 553
	TST RCV	27F0	
	TST TRMT	27E0	

RELAY

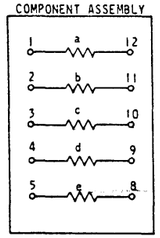
DESIG	BOTL		BSS		TOTL	
CODE	AF79		AJ34		AJ5	
OPTION	WH		WH			
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	EMB	25E1			EBM	
11	M				EBM	
10	EBM	25E1			EBM	
9					EBM	
8	EBM	25D2	M		EBM	
7					EBM	25C1
6	EMB	25D2	M		EBM	
5					EBM	25B1
4	EBM		M		EBM	
3					EBM	25C1
2	EBM				EBM	
1	M				EBM	25B1
COIL		25F0		25E0		25F0

JACK

OPT	DESIG	LOC	CODE
	OTL AUD	25D0	618A OR 553
	OTL RCV	25C0	
	OTL TRMT	25A0	

APP FIG. 393 (MFR DISC.)

COMPONENT ASSEMBLY



DESIG			OTL	
CODE			ED-94823-( ),G777	
OPTION			CODE	
COMPONENT			DESIG	LOC
RESISTOR	a	~~221A~~ KS-20810,L1A	A	25B2
	b		B	25B1
	c		C	25B1
	d		D	25B2
	e		E	25B1

APP FIG. 394 (MFR DISC.)

JACK

OPT	DESIG	LOC	CODE
	TTL AUD	25C4	618A OR 553
	TTL RCV	25B4	
	TTL TRMT	25A4	

RELAY

DESIG	CORD	
CODE	AF85	
OPTION		
	CONT ARR	LOC
12		
11		
10	EBM	
9	PM	a
8		
7		
6	EBM	
5		
4	PM	
3	M	
2		
1		
COIL		25B8
	a	25D9 4A5

LAMP

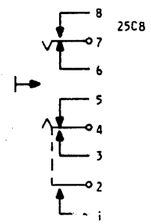
OPT	DESIG	LOC	CODE
	ANS	2A0	~~24~~ MI
	CORD	4A6	~~24~~ MI

APP FIG. 395 (MFR DISC.)

JACK

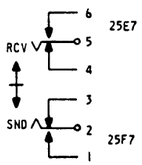
OPT	DESIG	LOC	CODE
	101 AUD	26B0	618A OR 553
	101 RCV	25B7	
	101 TRMT	25A7	

KEY
552H
101 SL



KEYTOP
552H

KEY
552E
101



KEYTOP
552E

MASTER TEST FRAME JACK, LAMP AND KEY			
		DWG SIZE	ISSUE
			87B
BELL LABORATORIES	SD-25762-01-		C32

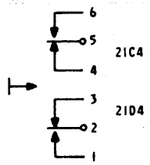
APP FIG. 396

RELAY

DESIG	RTOX		RTT	
CODE	AK44			
OPTION				
	CONT ARR	LOC	CONT ARR	LOC
12	EBM			
11	EBM	21G2		
10	EBM	a		
9	EBM	4A5		
8	EBM	21C3		
7				
6				
5			EBM	21C2
4			EBM	
3			EBM	
2			EBM	
1			EBM	
COIL		21C3		21A1

a 6D7, 21H2

KEY
547B OR 547F
RT-AR

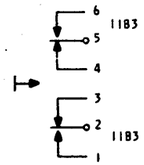


LAMP

OPT	DESIG	LOC	CODE
	RTCX	4A6	~~24~~ MI (RED)

APP FIG. 397

KEY
547B OR 547F
TTM LO



RESISTOR

OPT	DESIG	LOC	CODE
	TLO	1183	KS-19150,L1, 240±1%

APP FIG. 398

RELAY

DESIG	RTCA-	
CODE	AJ81	
OPTION		
	CONT ARR	LOC
12	EBM	4A5
11	EBM	21F1
10	EBM	21F1
9	EBM	21F1
8	EBM	21F1
7	EBM	21F1
6	EBM	21F1
5	EBM	21F1
4	EBM	21F1
3	EBM	21F1
2	EBM	21F1
1	EBM	21F1
COIL		2186,C6

LAMP

OPT	DESIG	LOC	CODE
	RTCA00-19	4A6	~~24~~ MI (AMB)

NETWORK

OPT	DESIG	LOC	CODE
VG	RTCA-	2186	185A

APP FIG. 399

RELAY

DESIG	RTX-(EVEN)		RTX-(ODD)	
CODE	AK44			
OPTION				
	CONT ARR	LOC	CONT ARR	LOC
12			EBM	
11			EBM	21F2
10			EBM	a
9			EBM	4A5
8			EBM	b
7				
6				
5	EBM			
4	EBM	21F2		
3	EBM	6D7		
2	EBM	a		
1	EBM	21E3		
COIL		21E3		21D3

a 4A5, 21G2

a 21G2 6D7

b 21C3 21E3

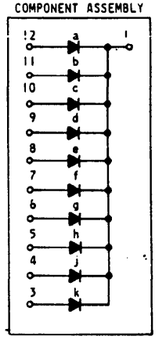
APP FIG. 400

LAMP

OPT	DESIG	LOC	CODE
	RTX00-11	4A6	~~24~~ MI (RED)

APP FIG. 401

COMPONENT ASSEMBLY



DESIG		MCA- OR MCB-		
CODE		ED-94823-01,G283		
OPTION				
COMPONENT		DESIG	LOC	CODE
DIODE	a	D-	2iD1,Ei	~~446E~~ 533F
	b			
	c			
	d			
	e			
	f			
	g			
	h			
	j			
	k			

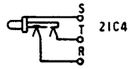
APP FIG. 402

RELAY

DESIG	RTCB-(EVEN)		RTCa-(ODD)			
CODE	AK44					
OPTION						
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12			EBM			
11			EBM			
10			EBM			
9			EBM	21A2		
8			EBM	21E1		
7						
6						
5	EBM					
4	EBM					
3	EBM					
2	EBM	21A2				
1	EBM	21E1				
COIL		21C6		21D6		

APP FIG. 403

KEY
490C
CRT-



MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 91B

BELL LABORATORIES | SD-25762-01- | C33

APP FIG. 404 (MFR DISC.)

JACK

OPT	DESIG	LOC	CODE
	CNSL RCV	26G0	618A OR
	CNSL TRMT	26G0	553

APP FIG. 405

RELAY

DESIG	TR	
CODE	AF67	
OPTION	WA	
	CONT ARR	LOC
12		
11		
10		
9		
8	EBM	1988
7		
6	EMB	
5		
4	EMB	
3		
2		
1		
COIL		1901

LAMP

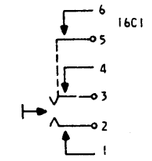
OPT	DESIG	LOC	CODE
	TDA	3A0	~~2+~~ MI (AMB)

APP FIG. 406

RELAY

DESIG	MDI	
CODE	AF83	
OPTION		
	CONT ARR	LOC
12	M	16C1
11	M	16C1
10	M	16C1
9	M	16C1
8	M	16C1
7	M	16C1
6	M	16C1
5	M	16C1
4	M	16C1
3	M	16C1
2	M	16C1
1	M	16C1
COIL		16C1

KEY
552B
MDI



APP FIG. 408 (A & M ONLY)

JACK

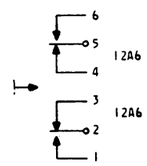
OPT	DESIG	LOC	CODE
WI	SGC MCIF-	9A0	92
	SGC SMB-	8A0	92

LAMP

OPT	DESIG	LOC	CODE
WI	SGC CIF-	3A0	~~2+~~ MI (AMB)
WI	SGC MCIF-	3A0	~~2+~~ MI (AMB)
	SGC SAL-	3A0	~~2+~~ MI (RED)
	SGC SMB-	3A0	~~2+~~ MI (AMB)
	SGC XG-	3A0	~~2+~~ MI (RED)

APP FIG. 409 (A & M ONLY)

KEY
547B OR 547F
SGC-AR

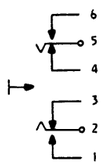


APP FIG. 410 (MFR DISC.)

JACK

OPT	DESIG	LOC	CODE
	CVP2B RCV	26G3	618A OR
	CVP2B TRMT	26G3	553

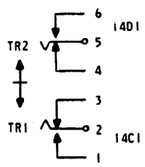
KEY
552A



KEYTOP
552A

APP FIG. 411 (MFR DISC.)

KEY
552E
BS



KEYTOP
552E

MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 6S	ISSUE 87B
BELL LABORATORIES	SD-25762-01-		C34

APP FIG. 412 (MFR DISC.)

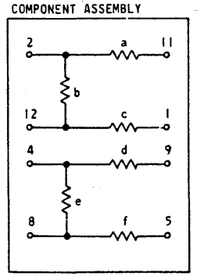
RELAY

DESIG	RCVA		SNDA	
CODE	AK4			
OPTION				
	CONT ARR	LOC	CONT ARR	LOC
12			M	26B5
11			EBM	
10			EBM	26C5
9			EMB	26C7
8			EMB	26B7
7				
6				
5	EMB	26B6		
4	EMB	26D6		
3	EBM	26D6		
2	EBM			
1	M	26A6		
COIL		25E8		25F8

AMPLIFIER

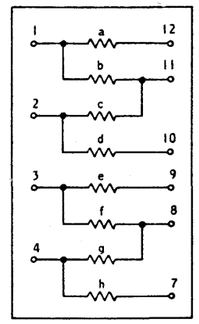
OPT	DESIG	LOC	CODE
	101T	26C6	255A

COMPONENT ASSEMBLY



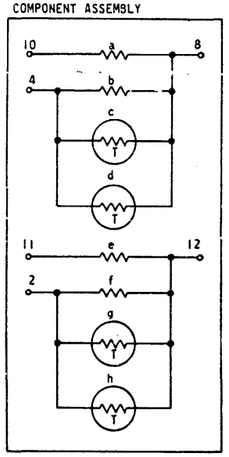
DESIG		101A		
CODE		ED-94823-( ),G866		
OPTION				
COMPONENT		DESIG	LOC	CODE
RESISTOR	a	RG1	26B5	~~221A~~ KS-20810, L1A, 49.3Ω
	b	RP1	26C5	~~221A~~ KS-20810, L1A, 7150Ω
	c	RG2	26C5	~~221A~~ KS-20810, L1A, 49.3Ω
	d	RM1	26B7	~~221A~~ KS-20810, L1A, 49.3Ω
	e	RP2	26C6	~~221A~~ KS-20810, L1A, 7150Ω
	f	RM2	26C7	~~221A~~ KS-20810, L1A, 49.3Ω

COMPONENT ASSEMBLY



DESIG		101B		
CODE		ED-94823-( ),G411		
OPTION				
COMPONENT		DESIG	LOC	CODE
RESISTOR	a	RB4	26B3	~~248C~~ KS-21767,L2,17.8Ω
	b	RB3	26B2	~~248C~~ KS-21767,L2,8.66Ω
	c	RB2	26B2	~~248C~~ KS-21767,L2,4.42Ω
	d	RB1	26B2	~~248C~~ KS-21767,L2,2.15Ω
	e	RB8	26C3	~~248C~~ KS-21767,L2,17.8Ω
	f	RB7	26C2	~~248C~~ KS-21767,L2,8.66Ω
	g	RB6	26C2	~~248C~~ KS-21767,L2,4.42Ω
	n	RB5	26C2	~~248C~~ KS-21767,L2,2.15Ω

COMPONENT ASSEMBLY



DESIG			101T1		101T2	
CODE			[2] ED-94823-( ),G865			
OPTION						
COMPONENT		CODE	DESIG	LOC	DESIG	LOC
RESISTOR	a	~~248C~~ KS-21767, L2 4.22Ω	RT2	~~26B4~~	RT5	~~26B8~~
	b	17.8Ω	RT1	26B3	RT6	26B8
	e	4.22Ω	RT4	26C4	RT7	26C8
	f	17.8Ω	RT3	26C3	RT8	26C8
THERMISTOR	c	15A	T1	26A3	T5	26A8
	d		T2	26B3	T6	26B8
	g		T3	26D3	T7	26D8
	h		T4	26D3	T8	26D8

JACK

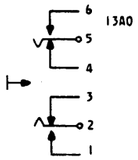
OPT	DESIG	LOC	CODE
	101T GEN	26C4	238AM
	101T MTR	26C7	238AM

NETWORK

OPT	DESIG	LOC	CODE
	RCVA	25E8	185A
	SNDA	25F8	185A

APP FIG. 413 (MFR DISC.)

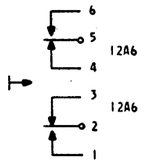
KEY
552A
TT VCT



KEYTOP
552A

APP FIG. 414 (A & M ONLY)

KEY
547B OR 547F
LD-AR



APP FIG. 415

JACK

OPT	DESIG	LOC	CODE
	ROTL TL(1-3)M8	8A0	92

MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 6S	ISSUE 93
BELL LABORATORIES	SD-25762-01-		C35

APP FIG. 416

JACK

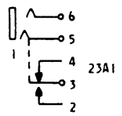
OPT	DESIG	LOC	CODE
	ROTL TMB MB	8A0	92

RELAY

DESIG	ND0-4	
CODE	[5] AJ125	
OPTION		
	CONT ARR	LOC
12	EBM	23B1
11	EMB	4A5
10	EBM	
9	EMB	23F0
8	EBM	23D2
7	BM	23F0
6	EBM	23C1
5	BM	23F0
4	EBM	23C1
3	EMB	23F0
2	EBM	23B0
1	EMB	23F0
COIL		23A1

APP FIG. 417

JACK
483CM
ND-



LAMP

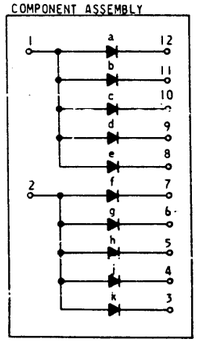
OPT	DESIG	LOC	CODE
	ND (0-4)	4A6	~~21~~ MI(AMB)
	NDX (0-4)	4A6	~~21~~ MI(RED)

NETWORK

OPT	DESIG	LOC	CODE
	ND(0-4)	23A1	185A

APP FIG. 418

COMPONENT ASSEMBLY



DESIG	T-		
CODE	ED-94823-( ),G883		
OPTION			
COMPONENT	DESIG	LOC	CODE
DIODE a	T-A	2384-D4	~~146E 533F~~
DIODE b	T-B	2384-D4	
DIODE c	T-C	2384-D4	
DIODE d	T-D	2384-D4	
DIODE e	T-E	2384-D4	
DIODE f	T-A	2384-D4	
DIODE g	T-B	2384-D4	
DIODE h	T-C	2384-D4	
DIODE j	T-D	2384-D4	
DIODE k	T-E	2384-D4	

APP FIG. 419 (A & M ONLY)

JACK

OPT	DESIG	LOC	CODE
	ANN-AC0	1908	483CM

LAMP

OPT	DESIG	LOC	CODE
	ANN MJ	2A0	~~21~~ MI(RED)

APP FIG. 420 (A & M ONLY)

JACK

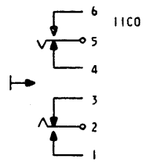
OPT	DESIG	LOC	CODE
	TTM T1	10A0	92
	TTM T2	10A0	
WQ	TTM T3	10A0	
WQ	TTM T4	10A0	

APP FIG. 421

JACK

OPT	DESIG	LOC	CODE
	TM3	11B0	238AM

KEY
498AM
TM3



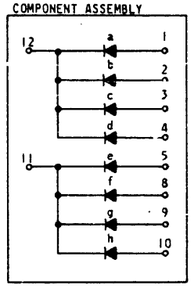
KEYTOP
498AM

APP FIG. 422

RELAY

DESIG	NDX-(EVEN)		NDX-(ODD)	
CODE	AK22			
OPTION				
	CONT ARR	LOC	CONT ARR	LOC
12			EBM	4A5
11			EBM	19C7
10			EBM	
9			EMB	
8			EMB	23D2
7				
6				
5	EMB	23D2		
4	EMB			
3	EBM			
2	EBM	19C7		
1	EBM	4A5		
COIL		23D3		23D3

COMPONENT ASSEMBLY



DESIG	NDX-		
CODE	ED-94823-( ),G884		
OPTION			
COMPONENT	DESIG	LOC	CODE
DIODE a	NDAX-(EVEN)	23D0	~~146E 533F~~
DIODE b	NDBX-(EVEN)	23D1	
DIODE c	NDCX-(EVEN)	23D1	
DIODE d	NDDX-(EVEN)	23D2	
DIODE e	NDAX-(ODD)	23D0	
DIODE f	NDBX-(ODD)	23D1	
DIODE g	NDCX-(ODD)	23D1	
DIODE h	NDDX-(ODD)	23D2	

NETWORK

OPT	DESIG	LOC	CODE
	NDX-(EVEN)	23D3	185A
	NDX-(ODD)	23D3	185A

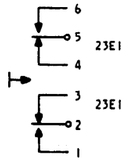
MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 91B

BELL LABORATORIES | SD-25762-01- | C36

APP FIG. 423

KEY
5478 OR 547F
ND-AR

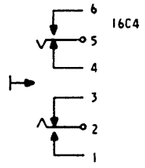


RELAY

DESIG	PSR	
CODE	AF83	
OPTION		
X	CONT ARR	LOC
12	M	
11	M	
10	M	
9	M	
8	M	
7	M	
6	M	16C5
5	M	16C5
4	M	16C5
3	M	16C5
2	M	16C5
1	M	16C5
COIL	X	16C5

APP FIG. 424 (A & M ONLY)

KEY
498AM
PSR



KEYTOP
498AM

APP FIG. 425

RELAY

DESIG	MON		RLS		RLSI		RLSA		TLA		TLB		TLC		TLD	
CODE	AF86		AK26				AG40		AJ81		AJ5		AJ5		AJ5	
OPTION																
X	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12					M	22C0			EBM	4A5	EBM	22H2	EBM		EBM	
11					B		M		EBM	22G0	EBM	22B1	EBM		EBM	
10	M				BM		EBM		EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
9					B				EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
8	EBM				M	22D0	EMB		EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
7							B		EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
6	EBM	22B1					EBM	22E0	EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
5			M	22D0			B		EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
4	M	22G3	BM	22E0			PMEB		EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
3			B	22H2					EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
2			BM				PBEM		EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
1			M	22A1			M		EBM	22F2	EBM	22E2	EBM	22D2	EBM	22C2
COIL	X	22G2	X	22B0	X	22D0	X	22H2	X	22B3	X	22G0	X	22H0	X	22H0

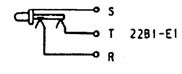
DIODE, LIGHT EMITTING (SEE NOTE 193)

OPT	DESIG	LOC	CODE
UI	[20] TL-PC00-19	4A6	552C (YELLOW)

JACK

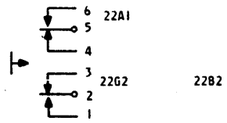
OPT	DESIG	LOC	CODE
	MON	22F2	249AM

KEY
490E
TL-PC00-19



KEY
547B OR 547F

RLS-PC RLS-TL



LAMP

OPT	DESIG	LOC	CODE
	MON	4A6	~~2~~ MI (AMB)
UH	[10]TL-PC00-09	4A6	~~2~~ MI (AMB)
UH	[10]TL-PC10-19	4A6	~~2~~ MI (AMB)

NETWORK

OPT	DESIG	LOC	CODE
	MON	22G2	185A
	RLS	22B0	185A
	RLSI	22D0	185A
	RLSA	22H2	185A
	TLB	22G0	186A

RESISTOR

OPT	DESIG	LOC	CODE
	RLS	22B2	18DA
	TLA	22C3	18GF

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 90B

BELL LABORATORIES | SD-25762-01 | C37

APP FIG. 426 (A & M ONLY)

JACK

OPT	DESIG	LOC	CODE
	RECO-9	9A0	92

APP FIG. 427

RELAY

DESIG	RCDA		RCDA		UN16	
CODE	AF59		AJ50		AJ5	
OPTION	UJ		UK			
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12					EBM	15F8
11					EBM	15F8
10	M				EBM	15F8
9					EBM	15F8
8	M		M		EBM	15F8
7					EBM	15F8
6	M		M		EBM	15F8
5					EBM	15F8
4	M	17F7	M	17F7	EBM	15F8
3					EBM	15F8
2					EBM	15F8
1					EBM	15F8
COIL		15F7		15F7		6F2

NETWORK

OPT	DESIG	LOC	CODE
	UN16	6F2	185A

APP FIG. 428

KEY 464H

TJ LOC TJ REL TJ REM

4 3 2 1

13A0 13B0 13A0

LAMP

OPT	DESIG	LOC	CODE
	AAL	7A2	2W MI(AMB)
	CAL	7A2	2W MI(RED)
	CTL	7A2	2W MI(GN)
	REM	7A2	2W MI(AMB)

APP FIG. 429

RELAY

DESIG	TR1	
CODE	AJ12	
OPTION		
	CONT ARR	LOC
12	EBM	20H1
11	EBM	
10	EBM	20E2
9	EBM	20E2
8	EBM	20E2
7	EBM	20E2
6	EBM	20E2
5	EBM	a
4	EBM	a
3	EBM	a
2	EBM	a
1	EBM	a
COIL		20G2

a	20B2 20E2

KEY 552H RTF

8 7 6 5 4 3 2 1

20G1

NETWORK

OPT	DESIG	LOC	CODE
	TR1	20G2	185A

APP FIG. 430

RELAY

DESIG	UN17	
CODE	AJ5	
OPTION		
	CONT ARR	LOC
12	EBM	
11	EBM	
10	EBM	
9	EBM	
8	EBM	
7	EBM	
6	EBM	
5	EBM	
4	EBM	24C2
3	EBM	20G4
2	EBM	24F2
1	EBM	24F3
COIL		6F2

NETWORK

OPT	DESIG	LOC	CODE
	UN17	6F2	185A

APP FIG. 431

RELAY

DESIG	BDMJ1		BDMJ2		BDMJ2'		RPF'		RPF		
CODE	AK24				AK4				AK4		
OPTION					UX		UZ		UY		
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12			BM	24B1	M	24B1			M	24H6		
11			BM	24H3	EBM				EBM	24G3		
10					EBM				EBM	18D5		
9			M	18G8	EMB	18G8			EMB	18E8		
8			M	24G1	EMB	24G2			EMB	24G2		
7												
6												
5	M	24F1					EMB	24G2			EMB	
4	M	18G7					EMB	18E8			EMB	
3							EBM	18D5			EBM	
2	BM						EBM	24A1			EBM	
1	BM	24E2					M	24B6			M	
COIL		24F1		24E1		24C1		24B6		24G6		

DIODE

OPT	DESIG	LOC	CODE
UY	[3] RF(0-2)	24G6	~~446F~~ 533F
UZ	[2] RF(3,4)	24B6	~~446F~~ 533F

NETWORK

OPT	DESIG	LOC	CODE
	BDMJ1	24F1	185A
	BDMJ2	24E1	185A
UX	BDMJ2'	24C1	185A

RESISTOR

OPT	DESIG	LOC	CODE
VN	BDMJ	24D2	19EW

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 96B

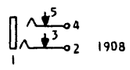
BELL LABORATORIES | SD-25762-01- | C38

APP FIG. 432

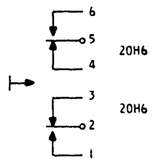
RELAY

DESIG	NMF			
CODE	AK4			
OPTION				
	CONT ARR	LOC	CONT ARR	LOC
12	M			
11	EBM	20H4		
10	EBM			
9	EMB	19D7		
8	EMB	20H5		
7				
6				
5			EMB	
4			EMB	
3			EBM	
2			EBM	
1			M	
COIL		20G5		

JACK
239A OR 239AM
NMAC



KEY
547B OR 547F
NM-AR



LAMP

OPT	DESIG	LOC	CODE
	NMF		~~27~~ MI

NETWORK

OPT	DESIG	LOC	CODE
	NMF	20G5	25

APP FIG. 433

RELAY

DESIG	TR(2,3,4)	
CODE	(3)AJ12	
OPTION		
	CONT ARR	LOC
12	EBM	20H1
11	EBM	
10	EBM	21C2
9	EBM	21C2
8	EBM	21C2
7	EBM	21C2
6	EBM	21C2
5	EBM	21C2
4	EBM	21C2
3	EBM	21C2
2	EBM	21C2
1	EBM	21C2
COIL		20H2

APP FIG. 434

JACK

OPT	DESIG	LOC	CODE
	MDT MB	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	MDT ACO	7A2	~~27~~ MI (AMB)
	MDT MB	3A0	~~27~~ MI

APP FIG. 435

LAMP

OPT	DESIG	LOC	CODE
	BDT ACO-	7A2	~~27~~ MI (AMB)

APP FIG. 436 (A & M ONLY)

CAPACITOR

OPT	DESIG	LOC	CODE
	CTL	11D8	579A
	CTL1	11E8	579A

JACK

OPT	DESIG	LOC	CODE
	CTL	11D7	239AM
	CTL1	11E7	239AM

RESISTOR

OPT	DESIG	LOC	CODE
	CTL	11D8	KS-20810,L1A,800
	CTL1	11E8	KS-20810,L1A,800

MASTER TEST FRAME
JACK, LAMP AND KEY

DWG SIZE 6S | ISSUE 86A

BELL LABORATORIES | SD-25762-01- | C39

APP FIG 438

RELAY

DESIG	AAC							
CODE	AK4							
OPTION								
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	M							
11	EBM	17C1						
10	EBM	17D5						
9	EMB	17F6						
8	EMB							
7								
6								
5			EMB					
4			EMB					
3			EBM					
2			EBM					
1			M					
COIL		17C9						

NETWORK

OPT	DESIG	LOC	CODE
	AAC	17C9	185A

APP FIG 439

RELAY

DESIG	MJA		MN2A		MNA		MN1A					
CODE	AK4				AK30							
OPTION												
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12			M	1781	M	17B6						
11			EBM		EBM							
10			EBM		EBM							
9			FMB	18D6	EMB	18D6						
8			EMB		EMB							
7												
6												
5	EMB						EMB					
4	EMB	18D6					EMB					
3	EBM						EBM					
2	EBM						EBM	17C6				
1	M	17B6					M					
COIL		17B5		17B1		17B6		17B6				

APP FIG 440

JACK

OPT	DESIG	LOC	CODE
	ROTL MM8	8A0	92

LAMP

OPT	DESIG	LOC	CODE
	ROTL-ACO	7A2	~~21~~ M1(AM8)

APP FIG 441

JACK

OPT	DESIG	LOC	CODE
	ACDC	10A0	238AM

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT

DWG SIZE 6S | ISSUE 968

BELL LABORATORIES | SD-25762-01- | C40

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
A OR CX			FIG. 37 (SEE NOTE 202)
A**			FIG. 242,ALL FIG. 352
B ****			FIG. 37 (SEE NOTE 218)
P			FIG. 6,7,194 & 200
Q			FIG. 4,5,42,43,162,164,168, 169,181,189,191,221,373, & 424
R		-48 SIG	FIG. 21 & 34
S			FIG. 23,25,44, & 243
T			FIG. 26
U			FIG. 32,193 & 206,432
PU OR V			FIG. 41 (SEE NOTE 113)
W			MA TST FR (SEE NOTE 109)
X			MA TST FR (SEE NOTE 109) & FIG. 50
Y	1-1/3		FIG. 213,220,226,231,360, 393,405, 406,8 ALL FIG. 369,427,430,431
Z***		-48 TALK	FIG. 412
AA**			FIG. 235
AB ***			
AC ***			FIG. 384
AD ***		-48 SIG	FIG. 384 & 385
AE- **			ONE PER 20 FIG. 379
AF- **			ONE PER 40 FIG. 379
AG ***			FIG. 21 & 34
AH ***		-48 TALK	FIG. 384
AI ****			FIG. 393
AJ**			FIG. 417,422
AK- ****			ONE PER 20 FIG. 366
AL- ****		-48 SIG	
AM ****			FIG. 43
CP			ALL FIG. 248
MB			FIG. 8 (SEE NOTE 204)
PB			FIG. 46 (SEE NOTE 204)
PC ***			FIG. 425
BG ***			FIG. 438,439
RR2 ***			FIG. 431
RR1 ***			FIG. 429
RTO-6 ***			FIG. 396,399,435
TA	1/2	+130 SIG	FIG. 32 & 170
TB			FIG. 27 (SEE NOTE 204)
TC	1-1/3	-48 SIG	FIG. 243,246 (MFR DISC),247, 362,395 & 397
A			FIG. 4,17,20,25,31,152,159, 166,167 & 389
B			FIG. 8,24,27,29 & 38
CO***			FIG. 23 (MFR DISC), FIG. 44 (A&M ONLY), FIG. 243,247 (SEE NOTE 228)
C1***			
C2***			
C3***			
C4***			
C6*			FIG. 33
C7*			ALL (SCMB) JACKS OF FIG. 9 (SEE NOTE 203)
C8*			ALL (TVCMB) JACKS OF FIG. 9 (SEE NOTE 203)
C9*		GRD	ALL FIG. 204
C10*			ONE PER 80 JACKS OF FIG. 11 (SEE NOTE 203)
C11*			FIG. 21,190,& 428
D			FIG. 21,32 & 34
E			FIG. 21 & 26
F			ONE PER 80 JACKS PER FIG. 9 & 11 (SEE NOTE 203)
G			FIG. 16
H			FIG. 33 (A&M ONLY) SEE NOTE 225, FIG. 40, 41,151 & 202
J			ONE PER AISLE, FIG. 353
K			FIG. 42
L			

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
M			FIG. 42 & 43
N			
P			FIG. 42
Q			FIG. 42,162,163,165,168, 169,181,182,185-189,191, 192,208,209,224 & 425.
R			FIG. 42
S			FIG. 45,47
T			20 FIG. 13 OR 183 OR 184 (SEE NOTE 205)
W			ALL FIG. 49 & FIG.371,435
X			ONE PER 80 (SCMB),(TVCMB) & (PRT CMB) JACKS OF FIG. 9 (SEE NOTE 203)
Y			FIG. 158
Z			ALL FIG. 161 & 206,432
AA		GRD	ALL FIG. 171,172,173 & 177
AB			FIG. 176 & 178
AC			FIG. 199
AD			FIG. 193
AE			ALL FIG. 204 (A&M ONLY) (SEE NOTE 225)
AF			ALL FIG. 205 & 210
AG			FIG. 142
AH			FIG. 213,214 & 220
AI			20 FIG. 215
AJ			40 FIG. 216
AK			FIG. 218 & 223
AL			FIG. 222 & 229 (SPL)
AM			FIG.225,226,228,230,231,237 238,239,372,ALL FIG.234,415, 416, & 420,440
AN**			FIG. 235, ALL FIG. 408
AO**			FIG. 236
AP			ALL FIG. 351 (RTMB JK), FIG. 434
AQ			ALL FIG. 351 (RTCMB JK)
BG ***			FIG. 439
AR**			FIG.242, ALL FIG. 352
AS			FIG. 240,249,350,367,370, 378,386
AT			FIG. 243, FIG. 246 (MFR DISC)
AU ***			FIG.412
AV**			FIG. 356,421,424
AW			FIG.365,368,375,393,395,406, 410, 413 & 427
AX			ALL FIG. 355 & 365
AY ***			FIG. 384
AZ ***			
BA ***			
BB- **			ONE PER 20 FIG. 379
BC- **			ONE PER 40 FIG. 379
BD***			FIG. 21 & 34
BE**			FIG. 417,422
BF****			FIG. 365
CP			ALL FIG. 248
GO,1***			FIG. 23,423
PC***			FIG. 425
RR1***			FIG. 429,432
RR2***			FIG. 431
RTO-9 ***			FIG.398 & 402 (SEE NOTE 232)
RT10 ***			FIG. 396 & 400

* THIS GRD OR BAT. IS OBTAINED FROM THE MTF RCDR BAY.

** THIS GRD OR BAT. IS OBTAINED FROM THE MTF JK BAY ACD.

*** THIS BAT. IS OBTAINED FROM THE POWER,RINGING, & TONE DISTRIBUTING FRAME

*** THIS BAT. OR GRD IS OBTAINED FROM THE RR WHERE UMIT IS MOUNTED.

WORKING LIMITS:

FIG. 25
MAX EXTERNAL CKT RESISTANCE 3400 OHMS
MIN INSULATION RESISTANCE 30,000 OHMS

ISSUE 95BU

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT

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CIRCUIT NOTES: (CONT)
LOOP SIMILARLY DESIGNATED LEADS WHEN APPARATUS IS OMITTED.

102.

PAR.	FEATURE OR OPTION			PROVIDE FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
1	PROGRESS AND IDENTIFICATION LAMPS			1		SEE NOTE 103
2	ALM, TIME-OUT AND BUSY LAMPS			2		SEE NOTE 103
3	GUARD LAMPS			3		SEE NOTE 103
4	LAMP BATTERY CUT-OFF			4		ONE PER MA TEST FR
5	LAMP BATTERY CUT-OFF FOR USE WITH ALARM SENDING CKT OR INTERFACE AND CONTROL CKT			5		ONE PER MA TEST FR WHEN ALM SDG CKT OR INFAC & CONT CKT IS PROVIDED
6	AISLE PILOT BATTERY SUPPLY FOR ALARMS APPEARING AT MA TEST FR	MAJOR ALARMS		6		ONE PER MA TEST FR
		MINOR ALARMS		7		ONE PER MA TEST FR
7	MKR MAKE BUSY JACK AND IN USE LAMP	WITH MA TEST FR		8	YK	ONE PER MKR
		WITH OFFICE TEST FR			YJ	
8	MAKE BUSY JACK	LINE LINK MKR CONN		9		ONE PER CONN PER ASSOC COMB. OR DIAL TONE OR CALL DISTRIBUTOR OR ORIGINATING LINE IDENTIFIER MKR
		TRANSFER LINE LINK MKR CONN				ONE PER CONN PER COMB. OR DIAL TONE MKR
		ORIGINATING REG MKR CONN				ON PER CONN PER COMB. OR COMPL MKR
		TRANSFER REG MKR CONN				
		INC REG MKR CONN				
		OUTGOING SDR CONN			ZD	
		TV CONN OR CAMA TV CONN				ONE PER TV PER CONN
		PRETRANSLATOR CONN (SEE NOTE 112)				ONE PER PRT PER ASSOC CONN (REG, IDDD & IR)
9	ORIG REG MAKE BUSY JACK AND TIME-OUT LAMP	WITH MA TEST FR		10		ONE PER ORIG REG
		WITH OFFICE TEST FR			YT	
10	OFFICE TEST FR TEST CKT PROVIDED	YES			YS	
		NO			YR	
11	INC REG MAKE BUSY JACK AND TIME-OUT LAMP	WITH MA TEST FR		11		ONE PER INC REG
		WITH OFFICE TEST FR			YT	
12	TRK TEST CKT TRANSMISSION TEST JACKS			191		ONE PER MA TEST FR
13	OFFICE TEST FR PROVIDED	TRK TEST MAKE BUSY JACKS		194		TEN PER OFFICE
		INC REG TEST MAKE BUSY				FOUR PER OFFICE
		SDR TEST MAKE BUSY JACK				ONE PER OFFICE
		INC REG TEST JACK				
		ORIG REG TEST JACK				
		TRK TEST JACK				
		DIAL LINE TEST JACK		197		ONE PER OFFICE
		OFFICE TEST LINE JACK				
		TRK TRANSMISSION JACK				
14	COM OVFL TRK TEST JACK AND SIG LAMP			12		ONE PER COM OVFL TRK
15	PERMANENT SIG HOLDING TRK TEST JACK AND SIG LAMPS			13		ONE PER PERM SIG. HOLD TRK
16	OG TRK, COIN JUNCTOR, COIN SUB. IMG TRK, 2-WAY TRK (2-WIRE OR 4-WIRE), 4-WIRE CONF TRK, AND (IN OFFICE ARR FOR MULTILEVEL PREEMPTION) 4-WIRE OPERATOR TDM TRK, LDN & INCPT TRK, AND FREE RK CKT TEST & MAKE BUSY JACKS			14		ONE PER CONN CKT

102. (CONT)

PAR.	FEATURE OR OPTION			PROVIDE FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
17	TEST TRK FROM TEST DESK TEST JACK AND LAMP			15		ONE PER TEST CKT
18	PU LINE CKT TEST JACK, BUSY AND LINE LAMPS AND CUT-THRU AND TRANSFER KEYS			16		ONE PER PU LINE CKT
19	ALM RELEASE KEY (SEE NOTE 183)	MKR CONN ALM AND PRT CONN (REG & IR) ALM (SEE NOTE 112)		152		ONE PER MKR GR & PRT GR
		MKR CONN ALM		152		ONE PER MKR GR
		ALL MARKERS BUSY ALM		153		ONE PER MKR GR
		TV CONN ALM		152		ONE PER TV GR, CAMA TV GR, ANI TV GR, & PGM CONT TV GR
		ALL TRANSVERTERS BUSY ALM		153		ONE PER TV & PGM CONT TV GR
		ALL CAMA TV BUSY ALM				ONE PER CAMA TV GR
		TRANSFER LINE LINK MKR CONN ALM		203		ONE PER MKR GR
20	MKR CANCEL GRD TEST & CONTINUITY TEST KEYS, RELAYS AND LAMPS	OFFICE ARR FOR NOT MORE THAN 12 MARKERS		21	XM	1 PER MKR GR
		OFFICE ARR FOR MORE THAN 12 MARKERS			XN	
21	COIN SUPERVISORY RELEASE CKT ALM RELEASE KEY			154		ONE PER MA TEST FR (SEE NOTE 117)
22	TV MAKE BUSY JACK AND IN USE LAMP (SEE NOTES 183 & 303)	WITH MA TEST FR		27	YR	ONE PER TV, CAMA TV, PGM CONT TV, ANI TV GR, OR TRNSL ACC CKT
		WITH OFFICE TEST FR			YS	
23	RCDR FOR PAPER TAPE RECORDING MAKE BUSY, TEST AND TRANSFER JACKS	REGULAR RCDR		28	ZW	ONE PER RCDR FOR PAPER TAPE RECORDING
		EMER RCDR			ZX	
24	MAKE BUSY JACK & LAMP	PERMANENT SIG CONC CKT		29		ONE PER CONC CKT
25	AMA TRNSL MAKE BUSY JACK AND IN USE LAMP			30		ONE PER AMA TRNSL
26	MA TIMING CKT FOR PAPER TAPE RECORDING TEST, START AND RELEASE JACK			31		ONE PER MKR GR
27	ORIGINATING, INCOMING, TRANSFER AND DIGIT REG AND SDR TIME-OUT ALM			32		ONE PER MKR GR
28	TROUBLE RCDR MAKE BUSY JACK			33		ONE PER MKR, TV, CAMA TV, ANI TV, TA, RCDR, MA TMG, AUTO. MON REG, SDR TST, RTE TRNSL, TRUNK CONT, & PRT (REG, IDDD & IR) CKT (SEE NOTE 112) AUTO. CALL DISTRIBUTION MKR GR USING THE TBL RCDR IN THE CO-LOCATED NO.5 CSBR OFFICE, 2 PER RCDR & RCDR CONT CKT
29	MKR CONTINUITY TEST NO AC VOLTAGE ALM AND CANCEL CONTINUITY	OFFICE ARR FOR NOT MORE THAN 12 MARKERS		34	XM	ONE PER MKR GR
		OFFICE ARR FOR MORE THAN 12 MARKERS			XN	ONE PER ALL COMPL MKR & ONE PER ALL DIAL TONE MARKERS
30	LAMP BATTERY SUPPLY			37		ONE PER MAX OF 20 2Y LAMPS

102. (CONT)

PAR.	FEATURE OR OPTION				PROVIDE FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
31	MAKE BUSY JACK, TIME-OUT LAMP AND CANCEL TIMED RELEASE KEY FOR SENDERS	WITH MA TEST FR	SDR ARR FOR AIS WITHOUT USING LLP	NO	38	YK	ONE PER SDR
				YES		YJ	
			AUTOMATIC STUCK SDR TRACING PROVIDED	SDR NOT ARR FOR IDDD TRAFFIC LAMA ARRANGEMENT		XK	
				SDR ARR FOR IDDD TRAFFIC LAMA ARRANGEMENT		XL	
		WITH OFFICE TEST FR				YJ	
		SENDERS OTHER THAN THOSE ARR FOR AUTO. INTERCEPT SERVICE WITHOUT USING LLP				YT	
32	TROUBLE RCDR REQUEST ALM LAMP RELEASE KEY AND JACK				40		ONE PER MA TEST FR
33	PICK UP ALM				41		(SEE NOTE 123)
34	GRD CUT-OFF FOR USE WITH ALARM SENDING OR INTERFACE AND CONTROL CKT				42		ONE EACH PER MA TEST FR WHEN ALM SDG CKT OR INFAC & CONT CKT IS PROVIDED
					162		
35	PERMANENT SIGNAL RECORD CONTROL				43		ONE PER MA TEST FR
36	PRT MAKE BUSY JACK AND IN USE LAMP	SELECTION OF PLUGGED BUSY PRT-OTF ONLY		NO	45	UL	ONE PER PRT (REG IDDD & IR)
				YES		UM	
37	PRT CONN BASIC SETTING RELEASE CONTROL JACKS AND LAMPS				47		THREE PER PRT CONN (REG & IR) SEE NOTE 112
38	INDICATING LAMP FOR ORIG REG POS IN PRT CONN SUB-GROUP				48		ONE PER ORIG REG POSITION IN PRT CONN SGRP
39	TRAFFIC REG ALM RELEASE KEY				155		ONE PER MKR GR
40	MANUAL OUTGOING TRK TEST CKT REMOTE CONTROL JACKS AND LAMPS				156		ONE PER MA TEST FR
41	ANNOUNCEMENT TRK ALM AND EMER REPORTING LINE ALM RELEASE KEY				157		ONE PER MA TEST FR
42	PBX AUTOMATIC IDENTIFIED OUTWARD DIALING TRNSL MAKE BUSY JACK AND IN-USE LAMP				201		ONE PER PBX AIOD TRNSL
43	VOLTMETER TEST JACKS				202		ONE PER OFFICE
44	MKR CONN BUSY GUARD RELAY				158		(SEE NOTE 130)
45	AMA PERFORATOR CABINET NO AC VOLTAGE ALM				159		TWO PER MKR GR
46	SDR TEST CKT JACK				160		ONE PER MA TEST FR WHEN SDR TEST CKT IS PROVIDED
47	FOREIGN AREA TRNSL MAKE BUSY JACK & IN USE LAMP				161		ONE PER FOREIGN AREA TRNSL SEE NOTE 115
48	GR BUSY ALM DELAY KEY	FOR INC REGISTERS			163		ONE PER MA TEST FR
		FOR OUTGOING SENDERS					ONE PER MA TEST FR

102. (CONT)

PAR.	FEATURE OR OPTION		PROVIDE FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
49	CANCEL TIMED RELEASE CUT-OFF FOR USE WITH ALARM SENDING CKT OR INTERFACE AND CONTROL CKT		164		ONE (UN-) REL PER 12 OG SDR CIRCUITS
50	PERMANENT SIG ALM LAMP ALM RELEASE AND CUT-OFF KEYS	FOR WIDE AREA DATA SERVICE	184	YL	ONE PER MA TEST FR
51	MA ALM RELEASE KEY WHEN ALM SDG OR INTERFACE AND CONTROL CKT IS PROVIDED		147		SEE NOTE 197
52	CANCEL LINK RELEASE TROUBLE RECORD OR TROUBLE INDICATION KEY AND RELAY		168		ONE PER MKR GROUP
	OFFICE ARR FOR MORE THAN 8 COMPL MARKERS			XN	
53	AUTO. CUT-OFF OF COIN SUPV CKT HOLD FEATURE FOR USE WHEN ALM SDG OR INTERFACE AND CONTROL CKT IS PROVIDED	FIRST TEN CS CKT	169		ONE (UN-) REL PER 10 COIN SUPV CKT
		SECOND TEN CS CKT		YM	
		(SEE NOTE 128)			
54	TIMED RELEASE FOR TROUBLE RCDR REQUEST ALM		170		ONE PER MA TEST FR OR OFFICE TEST FR
55	CAMA BILLING INDEXER MAKE BUSY JACK AND IN USE LAMP		171		ONE PER CAMA BILLING INDEXER
56	JACK FOR MAKING BILLING INDEXER BUSY TO CAMA TV		172		ONE PER BILLING INDEXER PER CAMA TV
57	CAMA LINE OBSERVING NUMBER MATCHING CKT MAKE BUSY JACK AND IN USE LAMP		173		ONE PER CAMA LINE OBSERVING NUMBER MATCHING CKT
58	TEST AND MAKE BUSY JACKS FOR INC CAMA TRUNKS AND CAMA INTER-MKR GR TRUNKS	NON BY-LINK TRK	174	YA	ONE PER INC CAMA TRK OR CAMA INTER-MKR GR TRK
		BY-LINK TRK		YB	
		INTER-MKR GR TRK		YB	
59	TRK TEST CKT JACK FOR TESTING CAMA TRUNKS AND FEATURES FOR PHASE I AND PHASE II CENTREX WITH DIAL TRANSFER AND PHASE III CENTREX		175		ONE PER MA TEST FR

DRAWING ISSUE
8
57D
58A
59D
61D
64D

DRAWING ISSUE
96E

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)
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102.(CONT) CIRCUIT NOTES:

PAR	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	PROVIDE QUANTITY
60	CAMA SUSPENSION GUARD AND TROUBLE LAMPS AND ALARM RELEASE KEY	176		ONE PER MASTER TEST FRAME
61	CANCEL AUTOMATIC NUMBER IDENTIFICATION TROUBLE RECORD KEY AND GUARD LAMP	177		
62	CAMA SUSPENSION KEY	178		ONE PER MASTER TEST FRAME AS REQUIRED
63	TRMSN TESTING JACK ASSOCIATED WITH 2-WAY TEST LINE FOR INCOMING TRUNKS	179		ONE PER JACK ENDED 2-WAY TRMSN TEST TRUNK, 3 JACKS PER MARKER GROUP
64	COMMON OVERFLOW SIGNAL LAMP BAT. CONTROL CKT	189		ONE PER 100 COMMON OVERFLOW TRUNK
65	4-WIRE SWITCHING-EMERGENCY MANUAL TRANSFER ALARM	181		ONE PER MASTER TEST FRAME
66	4-WIRE SWITCHING-TONE ANN AND PERMANENT SIGNAL OVERFLOW TRUNK SEIZURE LAMP AND RELEASE KEY	182		ONE PER 4-WIRE TONE ANN AND PERMANENT SIGNAL OVERFLOW TRUNK
67	4-WIRE SWITCHING-PERMANENT SIGNAL HOLDING TRUNK SEIZURE LAMP AND RELEASE KEY AND TRUNK ANSWER KEY	183		ONE PER 4-WIRE PERMANENT SIGNAL HOLD TRUNK
68	CANCEL SELECTED PAPER TAPE AMA RECORDS JACKS	192		ONE PER MASTER TEST FRAME
69	ALARM SENDING OF FIRST TRIAL FAILURES REQUIRED — UNRESTRICTED		YH	
	ALARM SENDING OF FIRST TRIAL FAILURES REQUIRED — ONLY WHEN TROUBLE RECORDER IS TEMPORARILY OUT OF SERVICE		YI	
70	TRUNK TEST REGISTER MAKE BUSY JACK AND TIME-OUT LAMP	199		ONE PER TRUNK TEST REGISTER CKT
71	TRUNK TEST REGISTER CKT PROVIDED		YO	SEE NOTE 127
72	TRAFFIC CONTROL MKR CONN — NO	20		2 PER MKR GROUP
	MORE THAN 4 DIAL TONE MKRS — YES	20		1 PER ALL COMPL MKR
	FULL ACCESS AND CENTREX TRANSFER NETWORK PROVIDED — NO	20		1 PER ALL DIAL TONE MKR
	FULL ACCESS AND CENTREX TRANSFER NETWORK PROVIDED — YES	389		1 PER ALL DIAL TONE MKR
	WITH CALL DISTRIBUTING MARKERS	20		1 PER MKR GROUP
	WITH COMBINED MKR GROUPS SHORT CYCLE GATE OPERATION 1 CKT FOR ALL L LK MKR CONN 1 CKT FOR ALL REGISTER MKR CONNECTORS	20		TWO PER MKR GROUP
	WITH COMBINED MKR GROUPS LONG CYCLE GATE OPERATION 1 CKT FOR ALL L LK MKR CONN AND ALL REGISTER MKR CONNECTORS	20		ONE PER MKR GROUP
	TV CONNECTOR	20		ONE PER TV GROUP

102. (CONT)

PAR	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	PROVIDE QUANTITY
73	WADS OFFICE BALANCE TEST JACK AND KEY CKT	195		ONE PER MASTER TEST FRAME
74	WADS 900 OHM TERMINATION FOR BALANCE TEST	196		
75	TRANSFER REGISTER MAKE BUSY JACK AND TIME-OUT LAMP	204		ONE PER TRANSFER REGISTER
76	MAKE BUSY JACK AND IN-USE LAMP FOR TRANSFER LINE IDENTIFIER	205		ONE PER TRANSFER LINE IDENTIFIER
77	AMA TAPE ANALYSIS CONTROL — CAMA PROVIDED	206		ONE PER CKT
	AMA TAPE ANALYSIS CONTROL — CAMA NOT PROVIDED	206	YV	ONE PER CKT
78	REMOTE OFFICE TEST LINE MAKE BUSY JACK	208		ONE PER REMOTE OFFICE TEST LINE CKT
79	EXTRA RECORD KEY	209		ONE PER COMPL OR COMB. MKR AS REQUIRED
80	MAKE BUSY JACKS FOR TRANSFER REGISTER IDENTIFIER CONNECTOR	210		ONE PER IDENTIFIER PER CONNECTOR
81	TEST JACK FOR AUXILIARY CONFERENCE CONTROL CKT	211		ONE PER MASTER TEST FRAME
82	TRMSN MEASURING JACK ASSOCIATED WITH POSITION CKT FOR PHASE III CENTREX	212		
83	LOCAL OVERLOAD ANNOUNCEMENT FOR COMMON OVERFLOW TRUNKS — CONTROL AT MASTER TEST FRAME AND AT LOCAL SWITCHBOARD	213		ONE PER MASTER TEST FRAME AS REQUIRED
	LOCAL OVERLOAD ANNOUNCEMENT FOR COMMON OVERFLOW TRUNKS — CONTROL AT SITE AND AT SWBD IN DISTANT OFFICE	213, 214		
	13A ANNOUNCEMENT SYSTEM PROVIDED		TN	
84	TEST AND MAKE BUSY JACKS FOR ATTENDANT ACCESS TRUNKS ARRANGED FOR PHASE II OR PHASE III CENTREX	215		ONE PER TRUNK
85	TEST AND MAKE BUSY JACKS FOR CONFERENCE CONTROL CIRCUITS ARRANGED FOR PHASE II OR PHASE III CENTREX OR ATTENDANT TRUNK CKT FOR OFF-NET ACCESS CONTROL WITH ATTENDANT CONSOLE	216		ONE PER CONFERENCE CONTROL CKT OR ATTENDANT TRUNK CKT FOR OFF-NET ACCESS CONTROL WITH ATTENDANT CONSOLE
86	TRMSN TEST JACKS FOR CONFERENCE CONTROL CIRCUITS ARRANGED FOR PHASE II OR PHASE III CENTREX	217		SIX PER MASTER TEST FRAME
87	SEE NOTE 198			ONE PER MASTER TEST FRAME AS REQUIRED
88	MAKE-BUSY ALARM FOR 4-WIRE CONFERENCE TRUNK CIRCUITS ASSOCIATED WITH MATED CONFERENCE CONTROLLERS	220		
89	TEST JACK FOR NO. 101 ESS TRUNK TO CUSTOMER SWITCH UNIT	223		
90	TRK TEST CKT TRANSFER TRK TRANSMISSION TEST JACK AND KEY	219		ONE PER MASTER TEST FRAME
91	MAKE BUSY JACK FOR DIRECT ACCESS PRETRANSLATOR CONN	221		ONE PER DAP CONNECTOR

102. (CONT)

PAR	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	PROVIDE QUANTITY
92	TROUBLE RECORDER MAKE BUSY JACK FOR 2A LINE CONCENTRATOR	224		ONE PER 2A LINE CONC CKT
93	MARKER-DETECTED GLARE RECORD CONTROL	229		ONE PER ALL COMPLETING MARKERS
94	CALLING LINE IDENTIFICATION ALARM	226		ONE PER MARKER GROUP
95	WHEN ALARM SENDING CKT IS PROVIDED (SEE NOTE 192)	190	U, WX	ONE PER CKT
		49	UN	SEE NOTE 109
	OFFICE ARRANGED FOR MORE THAN 12 MARKERS		XN	
	TROUBLE RCDR USED BY THE CO-LOCATED AUTO. CALL DISTRIBUTION MKR GR — YES		WM	ONE PER MKR GR
	TROUBLE RCDR USED BY THE CO-LOCATED AUTO. CALL DISTRIBUTION MKR GR — NO		WN	
	AND ALARM SENDING CKT IS — SD-27594-01 WITH OR WITHOUT AMA	50	YX	ONE PER CKT
	AND ALARM SENDING CKT IS — AMA-PTR OR LAMA-C OR NO. 5 ETS PROVIDED		YW	
	AND ALARM SENDING CKT IS — SD-95417-01			
	LAMA-COMPUTER AND SWITCHING CONTROL CENTER (LAMA-C/SCC) — NOT PROVIDED		WT, WV	
	LAMA-COMPUTER AND SWITCHING CONTROL CENTER (LAMA-C/SCC) — PROVIDED		WU, WW	
96	WHEN NEITHER ALARM SENDING CKT NOR INTERFACE AND CONTROL CKT ARE PROVIDED		X, WM, XG, YG, YM, YW, TH	
			Z	ONE PER AISLE
97	CALLED NO. DETECTOR CONTROL	230		ONE PER MARKER GR EQUIPPED WITH A CALLED NO. DETECTOR
98	STUCK SENDER TRUNK IDENTIFIER CONTROL CKT — AUTOMATIC STUCK SENDER TRACING PROVIDED — YES	232	YJ	ONE PER MARKER GR
	AUTOMATIC STUCK SENDER TRACING PROVIDED — NO, MORE THAN 18 OUTSENDER LINK FR PROVIDED		XI	
			WZ	
99	MAKE BUSY JACKS FOR TRUNK AND LINE CIRCUITS	433		SEE NOTE 133
100	TEST JACKS FOR LINE CIRCUITS	234		SEE NOTE 156
101	INTERFACE AND CONTROL CKT (SEE NOTE 192)	49, 50, 428	WY, YW, YG, YH	ONE PER MTF
	LAMA-COMPUTER AND SWITCHING CONTROL CENTER (LAMA-C/SCC) — NOT PROVIDED		WT, WV	
	LAMA-COMPUTER AND SWITCHING CONTROL CENTER (LAMA-C/SCC) — PROVIDED		WU, WW	
102	TEST JACKS FOR TRUNK CIRCUITS	237		SEE NOTE 134
103	MAKE BUSY JACK-REMOTE OFFICE TEST CONTROL CKT	238		ONE PER REMOTE OFFICE TEST CONTROL CKT
104	MAKE BUSY JACK REMOTE OFFICE TRUNK MAKE BUSY CKT	239		ONE PER REMOTE OFFICE TRUNK MAKE BUSY CKT
105	TRUNK GROUP TRAFFIC SAMPLE TEST CKT CONTROL (SEE NOTE 188)	240		ONE PER TRUNK GROUP TRAFFIC SAMPLE TEST CKT

102. (CONT)

PAR	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	PROVIDE QUANTITY
106	MARKER ROUTE TRANSFER FOR ROUTES 0-9 AND/OR 10-19 (SEE NOTE 191)	243	TF	ONE PER 2 RTES TO BE TR — SEE NOTE 137, 139, 140, 141, 142, 146, 158, 184, 186, 191
	CONTROLLED BY MASTER TEST FRAME	249		
	WITH EADAS/NM — NO		VK	
	WITH EADAS/NM — YES		VF	
	OFFICE ARRANGED FOR MORE THAN 8 COMPL MARKERS	247	TG	
107	SEE NOTE 186			
108	MAKE-BUSY JACK ROUTE TRANSLATOR AND ROUTE TRANSLATOR CONNECTOR	351		ONE PER ROUTE TRANSLATOR AND ONE PER MKR PER ROUTE TRANSLATOR CONN
109	TROUBLE RECORDER REQUEST ALARM — WITH AMA	26	ZE, ZF	ONE PER MASTER TEST FRAME OR OFFICE TEST FRAME
	TROUBLE RECORDER REQUEST ALARM — WITHOUT AMA	26	ZF	
110	CONFERENCE CONTROLLER ALARM RELEASE KEY AND RELAY	193		1 PER MTF
111	TRUNK TEST CKT TEST JACK AND LAMP	186		
	LOOP AROUND TRANSMISSION TESTING OF INTERTOLL TRUNKS WITH SIMPLEX SUPERVISION PROVIDED		XW	

* ONE FIGURE 20 PER DIAL TONE MARKER SUBGROUP AND ONE PER COMPLETING MARKER SUBGROUP

DRAWING ISSUE	
47D	CK, IA, AND
48D	BDT
49A	BDT
50D	HVG
53C	RA
54D	
57D	
59D	
61D	
64D	

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MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)

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CIRCUIT NOTES: (CONT)

102. (CONT)

PAR.	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	QUANTITY
112	LOAD TRANSFER CONTROL FOR VIDEO SUPERVISORY SIGNAL SUPPLY CIRCUIT	355		ONE PER VSS SUP. CKT (MAX 4)
113	MONITOR JACK, TRUNK AND LINE CIRCUITS	357		(SEE NOTE 149)
114	SEE NOTE 198			
115	SEE NOTE 198			
116	SEE NOTE 198			
117	REMOTE LINK MAKE BUSY CONTROL	363		1 PER REM LK (SEE NOTE 154)
118	SEE NOTE 198			
119	SEE NOTE 198			
120	SEE NOTE 198			
121	PBX-AIOD-A2 SYSTEM ALARM IDENTIFICATION AND CONTROL CKT	367		1 PER A2 SYSTEM (MAX TWO)
122	SEE NOTE 198			
123	SENDER CUT-THROUGH FOR SENDERS ARRANGED FOR IDDD TRAFFIC LAMA ARRANGEMENT	369		1 PER SENDER GR ARR FOR IDDD TRAFFIC
124	STUCK SENDER CONTROL FOR SENDERS ARRANGED FOR IDDD TRAFFIC LAMA ARRANGEMENT	370		1 PER MKR GR
129	MONITOR TEST GROUND SUPPLY FOR CENTREX MLPP TRUNK CIRCUITS	375		1 PER MKR GR
130	SEE NOTE 198			
131	DIAL JACK FOR TESTING OFF-NET ACCESS LINE TRUNK CIRCUITS	377		1 PER MKR GR

102. (CONT)

PAR.	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	QUANTITY
132	DIAL JACK FOR TESTING THE 2-WAY AUXILIARY LINE CKT FOR ACCESS BETWEEN THE LOCAL OFFICE & THE SWITCHED SERVICES NETWORK (CCSA) OFFICE	378		1 PER MKR GR
133	CALL WAITING LINK MAKE BUSY JACK	380		1 PER CALL WAITING LINK
134	SEE NOTE 198			
135	SEE NOTE 198			
136	SEE NOTE 198			
137	SEE NOTE 198			
138	ALARM IDENTIFICATION AND CONTROL FOR THE PBX-AIOD-A1 SYSTEM	386		1 PER MKR GR
139	SEE NOTE 198			
140	LOCK-OUT SIGNAL SUPPLY FOR TRUNK CIRCUITS	397		1 PER MKR GR (SEE NOTE 170)
141	SEE NOTE 198			
142	DYNAMIC OVERLOAD CONTROL PROVIDED AND THE DYNAMIC OVERLOAD CONTROL CKT IS THE COMMON SYSTEMS CKT AND/OR EADAS/ NETWORK MANAGEMENT PROVIDED FOR CONTROL OF ROUTES 20-39 (SEE NOTE 184, 191)	396		1 PER MKR GR
		398		1 PER ROUTE TO BE TRANSFERED (MAX 20)
	NO NO. 5 ETS FURNISHED	399	TC	1 PER EACH 2 COMB. OR COMPL MARKERS (MAX 6)
		400	TC	1 PER COMB. OR COMPL MKR (MAX 12)
		401	TC	1 PER EACH 10 ROUTES TO BE TRANSFERED PER ASSOC COMB. OR COMPL MKR (MAX 24)
		403		1 PER DYNAMIC OVERLOAD CONTROL CKT SIGNAL OR EADAS-NETWORK MANAGEMENT CONTROL (MAX 30)
	FOR DYNAMIC OVERLOAD CONTROL WITH 12 COMB. OR COMPL MARKERS, OR FOR EADAS/NM	402		1 PER EACH 2 ROUTES TO BE TRANSFERED (MAX 10)
	ALARM SENDING AND INTERFACE AND CONTROL CKT NOT PROVIDED		Z	1 PER MKR GR
	STRAPPING OUT OF THE (CRT-) KEY REQUIRED		XY*	1 PER FIG. 403
143	TRUNK CONTROL MAKE BUSY AND TRANSFER JACKS — REQUIRED TRUNK CONTROL	390	XS	1 PER TRUNK CONTROL CKT
	TRUNK CONTROL MAKE BUSY AND TRANSFER JACKS — EMERGENCY TRUNK CONTROL	390	XT	1 PER TRUNK CONTROL CKT

* NONRECORD OPTION

102. (CONT)

PAR.	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	QUANTITY
144	INDICATING LAMP FOR INC REG POS IN IR PRT CONN SUB GROUP	48		ONE PER INC REG POS IN IR PRT CONN SUB GROUP (SEE NOTE 112)
145	SEE NOTE 198			
146	ALM AND ALM RELEASE CONTROLS FOR THE CALENDAR AND CLOCK CKT	405		ONE PER MKR GROUP
	ALARM SENDING OR INTERFACE AND CONTROL CKT PROVIDED AND THE OFFICE IS ALSO ARRANGED WITH NUISANCE CALL TRACING — YES		WA	
	ALARM SENDING OR INTERFACE AND CONTROL CKT PROVIDED AND THE OFFICE IS ALSO ARRANGED WITH NUISANCE CALL TRACING — NO		Z,WB	
147	KEY CONTROL OF THE INTERCEPTION OF PBX ORIG CALLS CONTAINING MUTILATED A, B, OR C DIGITS PROVIDED	406		ONE PER MKR GROUP
148	SEE NOTE 198			
149	SEE NOTE 198			
150	SEE NOTE 198			
151	SEE NOTE 198			
152	SEE NOTE 198			
153	SEE NOTE 198			
154	MONITOR AND RELEASE CONTROL FOR THE OVERFLOW TRUNKS FOR USE WITH EXPANDED PERMANENT SIGNAL ROUTING	425		ONE PER MKR GROUP
155	REMOTE OFFICE TEST LINE ACCESS CKT TEST LINE MAKE BUSY JACKS	415		ONE PER ROTL ACCESS CKT
156	REMOTE OFFICE TEST LINE TRK MAKE BUSY CKT MAKE BUSY JACK	416		ONE PER ROTL TRK MAKE BUSY CKT

102. (CONT)

PAR.	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	QUANTITY
157	911 EMERGENCY REPORTING PROVIDED		WJ	ONE PER MKR GROUP
158	INTERFACE AND CONTROL CKT OR POSITIVE IDENTIFICATION OF AMA RECORDER AND RECORDER CONN CKT MAJOR ALARMS BY THE ALARM SENDING CKT, SD-95417-01	427		ONE PER MKR GROUP
159	DIRECTORY NUMBER PRINTOUT PROVIDED IN THE LINE INSULATION TEST CONTROL CKT (SEE NOTE 181)		VA	
160	AUTOMATIC STUCK SENDER TRACING PROVIDED	371		ONE (CTR-) REL PER OG SDR GP (T&M ONLY) OR 2 (CTR-) REL PER 20 SDR
		372, 373, 374		ONE PER MKR GROUP
	ALARM SENDING AND INTERFACE AND CONTROL CKT NOT PROVIDED		Z	
	STUCK SENDER HOLDING FEATURE FOR INTERFACE AND CONTROL CKT — PROVIDED		VC	
	STUCK SENDER HOLDING FEATURE FOR INTERFACE AND CONTROL CKT — NOT PROVIDED		VB	
161	EADAS/NETWORK MANAGEMENT PROVIDED (SEE NOTE 184)	429		ONE PER MKR GROUP
	FOR ROUTES 20-39	433	VG	ONE PER MKR GROUP
162	BILLING DATA TRANSMITTER ALARM CONTROL (SEE NOTE 196)	431	VM, VN, UQ	ONE PER MKR GROUP
	BILLING DATA TRANSMITTER FRAME I PROVIDED IN DIFFERENT AISLE — NO		UW	
	BILLING DATA TRANSMITTER FRAME I PROVIDED IN DIFFERENT AISLE — YES		UX	
	MAJOR ALARM WHEN A RECORDER PORT FAILS TO BOTH ENCODERS — NO		UO	
	MAJOR ALARM WHEN A RECORDER PORT FAILS TO BOTH ENCODERS — YES		UY	
	YES — BILLING DATA TRANSMITTER FRAME I PROVIDED IN DIFFERENT AISLE		UZ	
163	NETWORK MANAGEMENT INTEGRITY FAILURE PROVIDED (EADAS/NETWORK MANAGEMENT)(SEE NOTE 185)	432		ONE PER MKR GROUP
164	MAINTENANCE DATA TRANSMITTER CKT — IN OFFICE TEST FRAME OFFICE — NO	434	UU	ONE PER MKR GROUP
	MAINTENANCE DATA TRANSMITTER CKT — IN OFFICE TEST FRAME OFFICE — YES	434	UV	ONE PER MKR GROUP
165	BILLING DATA TRANSMITTER ALARM CUT-OFF GUARD LAMPS PROVIDED	435		ONE PER BDT FRAME (MAX 2)
166	AUTOMATIC PROGRESSION TRUNK TEST CKT PROVIDED WITH IMPROVED DETECTION OF SHORTED TRIPPING DIODE IN LLP		VL	
167	NO. 5 ETS OPERATION PROVIDED (SEE NOTE 191)		VV	
168	MAINTENANCE DATA TRANSMITTER AND/OR INTERFACE CKT FOR DATA ACQUISITION WITH CANCEL TROUBLE CARD ALARM FEATURE PROVIDED (SEE NOTE 303) — NO		VO	
	YES	438	VP	ONE PER MKR GROUP
	YES — INTERFACE AND CONTROL CKT FOR ALARM SURVEILLANCE AND CONTROL (CSACS, TASC,E3) PROVIDED	439		ONE PER MKR GROUP
169	AUXILIARY LINE FOR LLP OR LLF-AIS LINES FOR USE WITH NO. 5 ETS		UT	SEE NOTE 156
170	TRANSLATOR ACCESS CKT FOR CALL DATA TRANSMITTER PROVIDED — ALARM SENDING PROVIDED (T-REL)		TA	
	TRANSLATOR ACCESS CKT FOR CALL DATA TRANSMITTER PROVIDED — ALARM SENDING NOT PROVIDED		TB	

DRAWING ISSUE
~~530~~ RA
540
55A
56B
57D
58A
59D
61D
62A
63A
64D

DRAWING ISSUE 96B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)

SD-25762-01-05

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE CODE 6S

SD-25762-01-05

CIRCUIT NOTES: (CONT)

102. (CONT)

PAR	FEATURE OR OPTION	PROVIDE		
		APP FIG	APP OR WRG	QUANTITY
171	EXPANDED ROTL- IMPROVED OPERATIONAL TRUNK TESTING	440		ONE PER MARKER GROUP
172	20Hz SUPERIMPOSED ACDC RINGING SUPPLY JACK FOR TRANSMISSION TESTING TO COMMERCIAL ACD FROM MTF OR OTF	441		ONE PER MARKER GROUP

MASTER TEST FRAME JACK,LAMP AND KEY		DWG SIZE 6S	ISSUE 95BU
BELL LABORATORIES	SD-25762-01		SHEET D6

CIRCUIT NOTES: (CONT)

102A. (A&M CNLY)

PAR.	FEATURE OR OPTION	PROVIDE APP FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
1	MAKE-BUSY JACK, POSITION TRUNK CKT FOR AUTOMATIC CALL DISTRIBUTION	227		ONE PER POSITION TRUNK FOR AUTOMATIC CALL DIST CKT
2	TRUNK TEST JACKS FOR AUTOMATIC CALL DISTRIBUTION	420		SEE NOTE 176
3	AUTOMATIC CALL DISTRIBUTION LINE LINK LAMPS AND ALARM RELEASE KEYS	236		ONE PER MARKER GROUP
4	TRANSMISSION TESTING JACKS FOR AUTO. CALL DISTRIBUTION TEST LINE CIRCUITS	241		ONE PER JK ENDED TRANSMISSION TST LINE IN AUTO. CALL DISTRIBUTION MARKER GROUP
5	POSITION TRUNK GATE AND CONTROL CKT MAKE BUSY JACK AND LAMP	352		ONE PER POSITION TRK GATE AND CONTROL CKT FOR AUTO. CALL DISTRIBUTION
6	NIGHT TRANSFER JACK, TRAFFIC INFORMATION GATHERING CIRCUIT FOR AUTOMATIC CALL DISTRIBUTION	356		ONE PER MARKER GROUP
7	CANCEL GATING CONTROL FOR AUTOMATIC CALL DISTRIBUTION	379		ONE PER ROUTE REQUIRED GATING
8	MAKE-BUSY AND ALARM FACILITIES FOR THE SEQUENTIAL GATE CONTROL CKT PROVIDED	408		ONE PER SEQUENTIAL GATE CONTROL CKT(MAX 5)
	INTRAFLOW PROVIDED		WI	
9	ALARM RELEASE KEY FOR THE SEQUENTIAL GATE CONTROL CKT PROVIDED	409		ONE PER AUTO. CALL DISTRIBUTION MARKER GROUP
	ALARM SENDING NOT PROVIDED		Z	
10	AUTO. CALL DISTRIBUTION ANNOUNCEMENT MACHINE ALARM LAMP AND ALARM CUT-OFF JACK PROVIDED	419		ONE PER AUTO. CALL DISTRIBUTION MARKER GROUP
11	ALARM RELEASE KEY FOR THE LEVEL DETR CKT FOR AUTO. CALL DISTRIBUTION PROVIDED	414		ONE PER AUTO. CALL DISTRIBUTION MARKER GROUP
	ALARM SENDING NOT PROVIDED		Z	

102A. (A&M ONLY)

PAR.	FEATURE OR OPTION	PROVIDE APP FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
12	AUTO. CALL DISTRIBUTION CLOSE DOWN TRK MAKE-BUSY CONTROL PROVIDED	417		ONE PER CLOSE DOWN TRK ROUTE (MAX 5)
		418		ONE PER 2 GROUPS OF 5 (OR LESS) CLOSE DOWN TRUNKS ASSOC WITH AN (ND-) RELAY (MAX 12)
		422		ONE PER EACH 2 CLOSE DOWN TRK ROUTES (MAX 3)
		423		ONE PER AUTO. CALL DISTRIBUTION MARKER GROUP
	ALARM SENDING NOT PROVIDED		Z	
13	DIGIT REGISTER MARKER CONNECTOR MAKE-BUSY JACK	9		ONE PER CONN PER ASSOC AUTO. CALL DISTRIBUTION MARKER
14	DIGIT REGISTER MAKE-BUSY JACK AND TIME-OUT LAMP	10		ONE PER DIGIT REGISTER
15	TRANSMISSION TEST JACK FOR AUTO. CALL DISTRIBUTION WITH CALL TRANSFER	421		ONE PER MARKER GROUP
16	PERMANENT SIGNAL RECORD CONTROL FOR AUTO. CALL DISTRIBUTION CALL TRANSFER	424		
17	RECORDING TEST JACKS FOR THE ACD SERVICE ASSISTANCE POSITION TRUNKS PROVIDED	426		ONE PER ACD MARKER GROUP
18	TRAFFIC CONTROL MARKER CONNECTOR IS PROVIDED IN AN OFFICE WITH MORE THAN 4 DIAL TONE MARKERS AND FULL ACCESS IS NOT PROVIDED (GRADED MULTIPLE)	389		1 PER ALL DIAL TONE MARKERS

ISSUE 858

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT

SD-25762-01-D7

BELL TELEPHONE LABORATORIES INCORPORATED

DRAWING SIZE 6S

PRINTED IN U.S.A.

CIRCUIT NOTES:
103. NO ENTRY IS REQUIRED IN THE WIRE SPRING COLUMN WHEN AN EQUIVALENT WIRE SPRING CIRCUIT HAS A TITLE IDENTICAL TO THE CORRESPONDING NONE-WIRE SPRING CIRCUIT

LAMP DESIG	COLOR OF CAP	FOR IDENTIFICATION OF	QUANTITIES PROVIDE	QUANTITIES PER	CONNECT LEAD 1,2, OR 3 TO FOLLOWING LEAD	OF CONNECTING CKT NON-WIRE SPRING	OF CONNECTING CKT WIRE SPRING
LLC	WH2-W GR4-W	LINE LINK FRAME	1,FIG.1	LINE LINK FRAME	LLF	LINE, LINE LINK AND CONN	LINE LINK CONN OR LINE LINK MKR CONN FOR AUTOMATIC CALL DISTRIBUTION
TLC	WH2-W GR4-W	TRUNK LINK FRAME	1,FIG.1	TRUNK LINK FRAME	TLF	TRUNK LINK AND CONN	TRUNK LINK CONN OR TRUNK LINK CONN FOR AUTOMATIC CALL DISTRIBUTION
NGC	WH	NO. GROUP FRAME	1,FIG.1	NO. GROUP FRAME	NGF	NO. GROUP AND CONN	NO. GROUP CONN
IRP	WH	INC REG POS IN MKR CONN	1,FIG.1	REG POS IN MKR CONN	RLP	MKR CONN	INC REG MKR CONN REG PART
PDI	RED	MKR OR TV MADE BUSY VIA ETS PDI	1,FIG.2	MKR GROUP	PDI		ETS PDI
SC	WH	CONN IN USE	1,FIG.1	SDR CONN	C	OUTGOING SDR CONN	OUTGOING / MKR PART
SCSP	WH	SDR POS IN SDR CONN	1,FIG.1	SDR POS IN SDR	SLP	OUTGOING SDR CONN	SDR CONN / SDR PART
TVCSP	WH	SDR POS IN TV CONN, IN CAMA TV CONN, OR IN ANI TV CONN	1,FIG.1	CONN, IN TV CONN, IN CAMA TV CONN, OR IN ANI TV CONN	SLP	TV CONN	
					SLP		CAMA TV CONN
					SLP		ANI TV CONN
RSG	WH	ORIG REG SUBGROUP IN PRETRANSLATOR CONN	1,FIG.1	REG SUBGROUP IN PRETRANSLATOR CONN (3 PER MKR GROUP) (SEE NOTE 112)	RSG	PRETRANSLATOR CONN	
					RG		PRETRANSLATOR CONN ORIG REG PART
ERL	WH	EMER REPORTING LINE ALARM	1,FIG.1	MASTER TEST FRAME	ERL	LINE AUXILIARY CKT FOR PUBLIC EMER REPORTING	
PRTC	RED	PRETRANSLATOR CONN (REG & IR) — IN USE AND ALARM	1,FIG.2	PRETRANSLATOR CONN (REG & IR) (SEE NOTE 112)	C	PRETRANSLATOR CONN (REG & IR)	
LLMC	RED	LINE LINK MKR CONN — IN USE AND ALARM	1,FIG.2	LINE LINK — MKR CONN	C	LINE LINK MKR CONN	LINE LINK & MKR CONN CONT
ORMC	RED	ORIG REG MKR CONN — IN USE AND ALARM	1,FIG.2	ORIG REG	C	ORIG REG MKR CONN	CONN CONT FOR INC & ORIG REG MKR CONNECTOR
IRMC	RED	INC REG MKR CONN — IN USE AND ALARM	1,FIG.2	INC REG	C	INC REG MKR CONN	
DRMC	RED	DIGIT REG MKR CONN — IN USE AND ALARM	1,FIG.2	DIGIT REG	C		CONN CONT FOR DIGIT REG MKR CONNECTOR
MCGA	RED	MKR CONN MASTER TRAFFIC CONT — GATE "A" ALARM	1,FIG.2	GROUP OF COMBINED MARKERS (MFR DISC.)	TLA	MKR CONN	
MCGB	RED	MKR CONN MASTER TRAFFIC CONT — GATE B ALARM	1,FIG.2		TLB	MKR CONN	
AMB	WH	ALL MARKERS BUSY	1,FIG.2		AB	ALL MARKERS BUSY	
MBA	WH	ALL MARKERS BUSY ALARM	1,FIG.2		BA	ALL MARKERS BUSY	
CMCGA	RED	MKR CONN MASTER TRAFFIC CONT — GATE "A" ALARM	1,FIG.2	GROUP OF COMBINED MARKERS OR SUBGROUP OF COMPLETING MARKERS	TLA	MKR CONN	MASTER TRAFFIC CONT FOR MKR CONNECTORS
CMCGB	RED	MKR CONN MASTER TRAFFIC CONT — GATE B ALARM	1,FIG.2		TLB	MKR CONN	
CAMB	WH	ALL COMB OR COMPL MARKERS — BUSY	1,FIG.2		AB	ALL MARKERS BUSY	
CMBA	WH	ALL COMB OR COMPL MARKERS — BUSY ALARM	1,FIG.2		BA	ALL MARKERS BUSY	
MT ALM	RED	MASTER TIMER FOR MAGNETIC TAPE RECORDING ALARM	1,FIG.2	MASTER TIMER FOR MAGNETIC TAPE RECORDING	MTT		MASTER TIMING CKT FOR MAGNETIC TAPE RECORDING
DMCGA	RED	MKR CONN MASTER TRAFFIC CONT — GATE "A" ALARM	1,FIG.2	SUBGROUP OF DIAL TONE MARKERS	TLA	MKR CONN	MASTER TRAFFIC CONT FOR MKR CONNECTORS
DMCGB	RED	MKR CONN MASTER TRAFFIC CONT — GATE B ALARM	1,FIG.2		TLB	MKR CONN	
DAMB	WH	ALL DIAL TONE MARKERS — BUSY	1,FIG.2		AB	ALL MARKERS BUSY	
DMBA	WH	ALL DIAL TONE MARKERS — BUSY ALARM	1,FIG.2		BA	ALL MARKERS BUSY	
ATVB	WH	ALL TV BUSY	1,FIG.2	TV GROUP	AB	ALL TV BUSY	
TVBA	WH	ALL TV BUSY ALARM	1,FIG.2		BA	ALL TV BUSY	
CSGB	WH	ALL COIN SUPV CIRCUITS SAME LINK GROUP BUSY	1,FIG.2	COIN SUPV LINK GROUP	LPCB	TRAFFIC REG	
ORST FOR OP.MF OR RO-3	WH	ALL ORIG REGISTERS OF TYPE ON SHORT TIMING	1,FIG.2	PER TYPE OF ORIG REG	RBL	GROUP BUSY	
TRST	WH	ALL TRANSFER REGISTERS OF TYPE ON SHORT TIMING	1,FIG.2	PER TRANSFER REG GROUP	RBL	GROUP BUSY	
MT ACG	AMB	MASTER TIMER FOR MAGNETIC TAPE RECORDING ALARM CUT-OFF GUARD	1,FIG.3	MASTER TIMER FOR MAGNETIC TAPE RECORDING	ACG		MASTER TIMING CKT FOR MAGNETIC TAPE RECORDING
IRST	WH	ALL INC REGISTERS OF TYPE ON SHORT TIMING	1,FIG.2	PER INC REG GROUP	RBL	GROUP BUSY	
CSAB	WH	COIN SUPV CIRCUITS — ALL BUSY	1,FIG.2	COIN SUPV RELEASE CKT (SEE NOTE 117)	LPCB	COIN SUPV RELEASE	
CSCT	WH	COIN SUPV CIRCUITS — COIN TIMING CANCELLED	1,FIG.2		LPCC	COIN SUPV RELEASE	
TVC	RED	TV CONN IN USE AND ALARM	1,FIG.2	TV CONN, ANI TV CONN	C	TV CONN	TV CONN, ANI TV CONN
TSMB	WH	TRK GROUP TRAFFIC SAMP CKT MADE BUSY	1,FIG.2	GROUP OF TKR GR TR SAMP CKT	MB		TRK GR TR SAMP CKT
TVCGA	RED	TV CONN MASTER TRAFFIC CONT — GATE "A" ALARM	1,FIG.2	TV GROUP	TLA	TV CONN	MASTER TRAFFIC CONT FOR TV CONNECTORS
TVCGB	RED	TV CONN MASTER TRAFFIC CONT — GATE B ALARM	1,FIG.2		TLB	TV CONN	
(MFR DISC) MTTU ACO	AMB	MTTU ALARM CUT-OFF GUARD	1,FIG.3	MKR GROUP	ACO		MTTU INTERFACE CKT

103.

LAMP DESIG	COLOR OF CAP	FOR IDENTIFICATION OF	QUANTITIES PROVIDE	QUANTITIES PER	CONNECT LEAD 1,2, OR 3 TO FOLLOWING LEAD	OF CONNECTING CKT NON-WIRE SPRING	OF CONNECTING CKT WIRE SPRING
TRMC	RED	TRANSFER REG MKR CONN IN USE AND ALARM	1,FIG.2	TRANSFER REG MKR CONN	C		CONN CONT FOR INC ORIG & TRANSFER REG MKR CONNECTORS
RS MJ	RED	MAJOR ALARM IN REMOTE SWITCH UNIT	1,FIG.2	REMOTE SWITCH SIGNAL CONTROL CKT	MJL		REMOTE SWITCH SIGNAL CONTROL CKT
RS MN	AMB	MINOR ALARM IN REMOTE SWITCH UNIT	1,FIG.2	REMOTE SWITCH SIGNAL CONTROL CKT	MNL		REMOTE SWITCH SIGNAL CONTROL CKT
AIS LMB	WH	AUTOMATIC INCPT LINE REMOTE MAKE BUSY	1,FIG.2	LINE CKT FOR AUTOMATIC INCPT	LAMP		LINE CKT FOR AUTOMATIC INCPT
ACDP	AMB	AUTOMATIC CALL DISTRIBUTION LINE CKT PERMANENT SIGNAL	1,FIG.2	AUTOMATIC CALL DISTRIBUTOR	PS		LINE CKT FOR AUTOMATIC CALL DISTRIBUTION
TAFMB	WH	AUTOMATIC CALL DISTRIBUTION TEST ACCESS TRUNK CKT MAKE BUSY OR TEST LINE CIRCUIT MAKE BUSY	1,FIG.2	TEST ACCESS FRAME FOR AUTOMATIC CALL DISTRIBUTION	MBL		TEST ACCESS TRUNK OR TEST LINE CKT OR CODE 970 TEST LINE CKT FOR AUTOMATIC CALL DISTRIBUTION
CATMB	WH	ATTENDANT OUTGOING TRUNK CKT, DIAL ZERO CALLS, FOR CENTRALIZED ATTENDANT OPERATION REMOTE MAKE BUSY	1,FIG.2	ATTENDANT OUTGOING TRUNK, DIAL ZERO CALLS, FOR CENTRALIZED ATTENDANT OPERATION	RMB		ATTENDANT OUTGOING TRUNK, DIAL ZERO CALLS, FOR CENTRALIZED ATTENDANT OPERATION
RTFG	AMB	ROUTE TRANSLATOR FUSE ALARM	1,FIG.3	MKR GROUP	FG		ROUTE TRANSLATOR
RDFG	AMB	ROUTE DISTRIBUTOR FUSE ALARM	1,FIG.3	MKR GROUP	FG		ROUTE DISTRIBUTOR
RTMB	AMB	ROUTE TRANSLATOR MADE BUSY	1,FIG.2	ROUTE TRANSLATOR	BY		PREFERENCE CONTROL CKT FOR ROUTE TRANSLATOR CONN
AL	RED	POSITION TRUNK GATE AND CONTROL CKT FOR AUTOMATIC CALL DISTRIBUTION TIME OUT ALARM	1,FIG.2	POSITION TRUNK GATE AND CONTROL CKT FOR AUTOMATIC CALL DISTRIBUTION	ALS		POSITION TRUNK GATE AND CONTROL CKT FOR AUTOMATIC CALL DISTRIBUTION
SG	RED	POSITION TRUNK GATE AND CONTROL CKT FOR AUTOMATIC CALL DISTRIBUTION FALSE GROUND ALARM	1,FIG.2		SGS		
TST	WH	IMMEDIATE RINGING CONTROL CKT PLUGGED BUSY	1,FIG.2	IMMEDIATE RINGING CONTROL CKT	B		IMMEDIATE RINGING CONTROL CKT
CCSA MB	WH	ATTENDANT TRUNK CKT FOR CCSA REMOTE SEIZURE FOR TEST	1,FIG.2	ATTENDANT TRUNK CKT (REMOTE ATTENDANT) FOR CCSA WHEN THE 17E TESTBOARD IS NOT PROVIDED	RMB*		ATTENDANT TRUNK CKT FOR REMOTE ATTENDANT FOR CCSA OFFICE ARRANGED FOR OFF-NET ACCESS
		2-WIRE 2-WAY TRUNK CKT FOR CCSA REMOTE MAKE BUSY	1,FIG.2	2-WIRE 2-WAY TRUNK CKT FOR CCSA WHEN THE 17E TESTBOARD IS NOT PROVIDED			2-WIRE 2-WAY TRUNK CKT FOR OFF-NET ACCESS SERVICE IN CCSA
WB LLO	AMB	WIDEBAND 2-WAY LINE CKT LOCKOUT	1,FIG.2	(SEE NOTE 150)	LO		2-WAY LINE CKT, LLP, FOR WIDEBAND SERVICE
WB TLO	AMB	WIDEBAND 2-WAY TRUNK CKT LOCKOUT	1,FIG.2	(SEE NOTE 152)	LO		2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR EXCHANGE, TANDEM, TOLL CONNECTING OR INTERTOLL USE IN WIDEBAND SERVICE WITH OR WITHOUT PHASE III CENTREX
CAL MB		ATTENDANT LINE CKT, OR LINE CKT, LLP, FOR CENTRALIZED ATTENDANT OPERATION REMOTE MAKE BUSY	1,FIG.2	ATTENDANT LINE CKT, OR LINE CKT, LLP, FOR CENTRALIZED ATTENDANT OPERATION	RMB		ATTENDANT LINE CKT, OR LINE CKT, LLP, FOR CENTRALIZED ATTENDANT OPERATION
WBCT MJ	RED	WIDEBAND CONTINUITY TEST CKT MAJOR ALARM	1,FIG.2	WIDEBAND CONTINUITY TEST CKT	ALS		WIDEBAND CONTINUITY TEST CKT
PS	AMB	TRUNK OR LINE CKT PERMANENT SIGNAL ALARM	1,FIG.2	MKR GROUP	PS		TRUNK AND LINE CIRCUITS REQUIRING PERMANENT SIGNAL ALARM

* SEE CAD 272

DRAWING ISSUE	
47D	CM 5A MM
48D	RDT
49A	RDT
52A	MS
53D	MS
54D	
55A	
59D	
61D	
63A	
64D	

ISSUE 87B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)

SD-25762-01-D8

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25762-01-D8

CIRCUIT NOTES: (CONT)

03. (CONT)

LAMP DESIG	COLOR OF CAP	FOR IDENTIFICATION OF		QUANTITIES PROVIDE	QUANTITIES PER	CONNECT LEAD 1,2 OR 3 TO FOLLOWING LEAD	OF CONNECTING CIRCUIT NON-WIRE SPRING	OF CONNECTING CIRCUIT WIRE SPRING
AN TRK	WH	ANNOUNCEMENT TRK ALM		1,FIG.2	ANNOUNCEMENT TRK	ATL	ANNOUNCEMENT TRK	
MTE	WH	MA TIMING CKT FOR PAPER TAPE RECORDING	IN USE AND TIME-OUT	1,FIG.2	EVEN MA TIMING CKT FOR PAPER TAPE RECORDING	MTE	MA TIMING FOR PAPER TAPE RECORDING	
MTO	WH		IN USE AND TIME-OUT	1,FIG.2	ODD MA TIMING CKT FOR PAPER TAPE RECORDING	MTO		
CMBE	WH		EVEN CONT CKT BUSY	1,FIG.3	EVEN MA TIMING CKT FOR PAPER TAPE RECORDING	CMBE		
CMBO	WH		ODD CONT CKT BUSY	1,FIG.3	ODD MA TIMING CKT FOR PAPER TAPE RECORDING	CMBO		
RIT	WH		RECORDER IN TBL	1,FIG.3	MA TIMING FR FOR PAPER TAPE RECORDING	RIT		
RW	WH		RECORDER WAITING	1,FIG.3		RW		
RUT	WH		RECORDER UNDER TST	1,FIG.3		RUT		
SGB	WH	SDR GR BUSY		1,FIG.2	SDR GR	LP	TRAF REG (MFR DISC)	
							SDR GR BUSY ALM	SDR GR BUSY ALM CONT
TRGB	WH	TRANSFER REG GR BUSY		1,FIG.2	TRANSFER REG GR	LP	TRAF REG	
IRGB	WH	INC REG GR BUSY		1,FIG.2	INC REG GR	LP	TRAF REG	
ORB FOR DP OR MF REG 0-3	WH	ORIG REGISTERS BUSY		1,FIG.2	TYPE OF ORIG REG	LP	TRAF REG	
DL	WH	TROUBLE RECORDER DISPLAY LOST		1,FIG.2	MKR,TV,RCDR,MA TIMING CKT, PRT (REG,IDDD & IR), AUTO. MON REG & SDR TST (SEE NOTE 112), RTE TRNSL, STUCK SENDER TRUNK IDENTIFIER,TRUNK CONT, RCDR & RCDR CONT,TRNSL ACC CKT	DL	MKR,TV,RCDR, MA TIMING, PRT (REG,IDDD & IR), AUTO. MON REG & SDR TEST CKT	DIAL TONE MKR,COMPL MKR,CAMA TV,ANI TV, CALL DISTRIBUTION MKR, RTE TRNSL, STUCK SENDER TRUNK IDENTIFIER, TRUNK CONT,RCDR & RCDR CONT(BC), TRNSL ACC CKT
TLMB	AMB	TRK LK FR MADE BUSY		1,FIG.3	MKR GR	GL	TRK LK AND CONN	TR LK
IG	AMB	60 & 120 IPM INTER.TRANSFER		1,FIG.3		IS	60 & 120 IPM INTER. (A&M ONLY)	
MTFG	AMB	MA TIMING FR FUSE ALM		1,FIG.3	MA TIMING FR	FG	MA TIMING	
TVFG	AMB	LAMA TV FR FUSE ALM ANI TV FUSE ALM, TRNSL ACC		1,FIG.3	LAMA TV FR ANI TV GR, TRNSL ACC	FG	LAMA TV	ANI TV,TRNSL ACC CKT
MFG	AMB	MKR FR FUSE ALM		1,FIG.3	MKR FR	FG	MKR	
PRTFG	AMB	PRETRANSLATOR FR FUSE ALM (REG & IR)		1,FIG.3	PRT FR (REG & IR) (SEE NOTE 112)	FG	PRT OR PRT CONN (REG & IR)	
FATFG	AMB	FAT ALM		1,FIG.3	FAT FR	FG	FAT (SEE NOTE 115)	
FATC FG	AMB	FATC FUSE ALM		1,FIG.3	FATC FR	FG	FATC (SEE NOTE 116)	
ACTVB	WH	ALL CAMA TRANSVERTERS BUSY		1,FIG.2	CAMA TV GR	AB	ALL TRANSVERTERS BUSY	
CTVBA	WH	ALL CAMA TRANSVERTERS BUSY ALM		1,FIG.2		BA		
CTVC	RED	CAMA TV CONN IN USE AND ALM		1,FIG.2	CAMA TV CONN	C		CAMA TV CONN
CTVFG	AMB	CAMA TV FR FUSE ALM		1,FIG.3	CAMA TV FR	FG		CAMA TV
BIFG	AMB	BILLING INDEXER FR FUSE ALM		1,FIG.3	BILLING INDEXER FR	FG		CAMA BILLING INDEXER
NMFG	AMB	LINE OBS NO. MATCHING FR FUSE ALM		1,FIG.3	LINE OBS NO. MATCHING FR	FG		CAMA LINE OBS NO. MATCHING
M-CAMA FG	AMB	MKR CAMA FR FUSE ALM		1,FIG.3	MKR CAMA FR	FGI	MKR	
ORP/CCP	WH	ORIG REG POS IN MKR CONN		1,FIG.1	REG POS IN MKR CONN	RLP	MKR CONN	ORIG REG MKR CONN REG PART
		CONF CONT POS IN MKR CONN			CONF CONT-POS IN MKR CONN	CCLP		CONF CONT CKT
TLLMC	RED	TRANSFER LINE LK MKR CONN	IN USE & ALM	1,FIG.2	TRANSFER LINE LK MKR CONN	C		TRANSFER LINE LK & MKR CONN
CCTA-	RED	CONF CONT TIME ALM		1,FIG.2	CONF CONT CKT	ALM		CONF CONT CKT
TLLC	WH	TRANSFER LINE LK FR		1,FIG.1	TRANSFER LINE LK FR	LLF		TRANSFER LINE LK CONN
TTLC	WH	TRANSFER TRK LK FR		1,FIG.1	TRANSFER TRK LK FR	TLF		TRANSFER TRK LK CONN
TRP	WH	TRANSFER REG POS IN MKR CONN		1,FIG.1	REG POS IN MKR CONN	RLP		TRANSFER REG MKR CONN REG PART
TTLMB	AMB	TRANSFER TRK LK FR MADE BUSY		1,FIG.3	MKR GR	GL		TRANSFER TRK LK
TRPI	WH	TRANSFER REG POS IN CONN		1,FIG.1	TRANSFER REG POS IN CONN	TRP		TRANSFER REG IDENTIFIER CONN REG PART
DRE	WH	DIRECTIONAL RESERVATION CKT IN EFFECT		1,FIG.2	DIRECTIONAL RESERVATION CKT	DRE		DIRECTIONAL RESERVATION CKT
EMB	WH	ANY RANGE EXTENDER MADE BUSY		1,FIG.2	MA TST FR	EMB		RANGE EXTENDER CKT
[illegible]		DIRE[illegible] RETRANSL		1,FIG.2	DIRECT ACCESS [illegible]	DAT		[illegible]
[illegible]		[illegible] TRUNK IN CONN		[illegible]	[illegible]	[illegible]		[illegible]
[illegible]		[illegible]		[illegible]	[illegible]	[illegible]		[illegible]

103.

LAMP DESIG	COLOR OF CAP	FOR IDENTIFICATION OF		QUANTITIES PROVIDE	QUANTITIES PER	CONNECT LEAD 1,2 OR 3 TO FOLLOWING LEAD	OF CONNECTING CIRCUIT NON-WIRE SPRING	OF CONNECTING CIRCUIT WIRE SPRING
ACTA	WH	RCDR UNIT "A" STATUS LAMPS	ACTIVE	1,FIG.2	RECORDER AND RECORDER CONTROL CKT	ACT		RECORDER AND RECORDER CONTROL CKT ("A" UNIT)
OSA	AMB		OUT OF SERVICE	1,FIG.2		OS		
SBYA	WH		STANDBY	1,FIG.2		SBY		
TBLA	RED		RECORDER TBL	1,FIG.2		TBL		
ACTB	WH	RCDR UNIT "B" STATUS LAMPS	ACTIVE	1,FIG.2		ACT		RECORDER AND RECORDER CONTROL CKT ("B" UNIT)
OSB	AMB		OUT OF SERVICE	1,FIG.2		OS		
SBYB	WH		STANDBY	1,FIG.2		SBY		
TBLB	RED		RECORDER TBL	1,FIG.2		TBL		
MTRC	RED	MAG AMA TBL COMMON		1,FIG.2		MTRC		RECORDER AND RECORDER CONTROL CKT
SALM	RED	SUSPENSION ALM		1,FIG.2		SALM		
ACG	AMB	ALM CUTOFF GUARD		1,FIG.3		ACG		
FRC FG	AMB	RECORDER & RECORDER CONTROL CKT FUSE ALM		1,FIG.3	RECORDER & RECORDER CONTROL CKT	FG		
RRC CH MB	AMB	RECORDER & RECORDER CONTROL CKT CHANNEL MADE BUSY		1,FIG.2	RECORDER & RECORDER CONTROL CKT CHANNEL (MAX 3)	CMB-		
IDDD PRTFG	AMB	INTERNATIONAL DIRECT DISTANCE DIALING PRETRANSLATOR FRAME FUSE ALARM		1,FIG.3	INTERNATIONAL DIRECT DISTANCE DIALING PRETRANSLATOR FRAME (SEE NOTE 112)	FG		INTERNATIONAL DIRECT DISTANCE DIALING PRETRANSLATOR
DL	WH	TROUBLE RECORDER DISPLAY LOST		1,FIG 2	RECORDER AND RECORDER CONTROL CKT	DLI		RECORDER AND RECORDER CONTROL CKT (SC)
IR RSG	WH	INC REG SUB GROUP IN IR PRT CONN		1,FIG.1	IR SUB GROUP IN IR PRT CONN (3 PER MKR GR) (SEE NOTE 112)	RSG		IR PRT CONN
BS TDF	AMB	BIT-STREAM 2-WAY TRUNK DIGITIAL FAILURE		1,FIG.2	2-WAY TRUNK FOR BIT-STREAM SERVICE ARRANGED AS TEST TRUNK NO. 1	FF		2-WAY 900 OHM TRK OR INTERTOLL TRK FOR BIT-STREAM SERVICE AND ARRANGED FOR USE AS TEST TRK NO. 1
911 PS	AMB	911 EMERGENCY REPORTING TRUNK PERM SIG ALARM		1,FIG.2	MKR GR	911		FREE TRK CKT ARR FOR EMER REPORTING 911 OPERATION
LD MN	AMB	LEVEL DETR MINOR ALARM		1,FIG.2	LEVEL DETR CKT FOR AUTO. CALL DISTRIBUTION (MAX 5)	IDA		LEVEL DETR CKT FOR AUTO. CALL DISTRIBUTION
DRP	WH	DIGIT REGISTER POSITION IN MKR CONNECTOR		1,FIG.1	DIGIT REG POSITION IN MKR CONN	RLP		DIGIT REG MKR CONN
DS ACO	AMB	DATA SET ALARM CUT-OFF GUARD		1,FIG.3	MKR GROUP	G		APPLIQUE CKT FOR 405 TYPE DATA SETS FOR ACD
RMB	WH	REMOTE MAKE BUSY OUTGOING TRK CKT FOR INFORMATION SERVICE		1,FIG.2	OUTGOING TRUNK	RMB		OUTGOING TRK CKT FOR INFORMATION SERVICE WITH OR WITHOUT TANDEM ACCESS, WITH OR WITHOUT AMA,WITH COIN RETURN

104. *CANCELED ON ISSUE 85B*

105. *CANCELED ON ISSUE 85B*

DRAWING ISSUE
59D
61D
64D

DRAWING ISSUE
93B

SD-23762-01-[illegible]

SD-23762-01-[illegible]

CIRCUIT NOTES:(CONT)

106. 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	SPL
68				FIG.41			
88	W OR Y	Y		W		Y	
108	V	NONE		V			
118	S OR T	T	107	S		T	
	Q OR R	R		Q		R	
	M OR N	N		M		N	
128	H,J OR K	H	102	J,K		H	
				FIG.49, 50,151			
				FIG.152		FIG.17	
				FIG.153		FIG.18	
138			102, 173	FIG. 154		FIG.22	
				FIG.155		FIG.36	
				FIG.156			
				FIG.157			
	F OR G	G	111	F		G	
	E	NONE		E			
	B OR D	D		B		D	
	A	NONE		A			
160	ZA OR ZB	ZA		ZB		ZA	
						FIG.46	
	ZC OR ZD	ZC	102	ZD		ZC	
	ZE OR ZF	ZE	102	ZE,ZF			
170				FIG.158			
			102	FIG.159			
						FIG.19	
	ZG	NONE		ZG			
180	ZH OR ZI	ZH		ZI		ZH	
				FIG.160			
				FIG.161			
				FIG.162			
				FIG.163			
	ZN	NONE		ZN			
190				FIG.164			
	ZJ OR ZK	ZJ		ZK		ZJ	
	ZL OR ZM	ZL		ZM		ZL	
	ZO	NONE		ZO			
	ZP	NONE		ZP			
220	ZQ	NONE		ZQ			
	ZR	NONE	118	ZR			
				FIG.166			
				FIG.167			
				FIG.168			
	(PCNV) LAMP CAP			RED		WH	
	ZS	NONE	119	ZS			
			119	FIG.169			
230	ZT,ZU	ZT	120	ZU		ZT	
			120	FIG.170			
	ZV	NONE		ZV			
	ZW,ZX	ZW	102	ZW,ZX			
240	ZY	NONE		ZY			
	ZZ	NONE		ZZ			
258	YC,YD	YC		YD		YC	
				FIG.171			
				FIG.172			
				FIG.173			
				FIG.174			
260	YA,YB	NONE	102	YA,YB			
				FIG.175			
				FIG.176			
				FIG.177			
	YE	NONE	192	YE			
270	YF	NONE		YF			
280				FIG.178			
290	YG	YE OR NONE	102, 192	YG		YE	
				FIG.179			
						FIG.151	
						FIG.166	
				FIG.181			
				FIG.182			
				FIG.183			
320	FIG.184	FIG.165		FIG.184		FIG.165	
				FIG.185			
	DIODE			400J		400B	
	YI OR YH	YH	102 124	YI,YH			
				FIG.186			
			102	FIG.187			
			102	FIG.190			
330						FIG.180	
	FIG.188	NONE		FIG.188			

106. 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	SPL
348				FIG.189			
	YP OR YQ	YP		YQ		YP	
			129	FIG.191			
	FIG. 192	FIG.185, FIG.188, OR NONE	102	FIG.192		FIG.185, FIG.188	
			102	FIG.193			
360,	FIG.195, FIG.196	NONE	102	FIG.195, FIG.196			
	FIG.199	NONE		FIG.199			
	YO	NONE	127	YO			
	ELECTRON TUBE			346C		346B	
	KEYS			490C		490A	
			102	YL			
	YJ OR YK	YK	102	YJ,YK			
	YS	YR	102	YS,YR			
370	FIG.194 OR FIG.200	NONE	102	FIG.200		FIG.194	
	FIG.197	NONE				FIG.197	
	YT	NONE	102	YT			
	YM	NONE	102	YM			
	FIG.201	NONE	102	FIG.201			
				FIG.202			
				FIG.203			
			102	FIG.204			
	FIG.205	NONE	102	FIG.205			
	FIG.206	NONE	102	FIG.206			
	YV	NONE	102	YV			
400	FIG.208	NONE	102	FIG.208			
	FIG.209	NONE	102	FIG.209			
	FIG.210	NONE	102	FIG.210			
	FIG.211	NONE	102	FIG.211			
	YU	NONE		YU			
	FIG.212		102	FIG.212			
	FIG.213	NONE	102	FIG.213			
	FIG.214	NONE	102	FIG.214			
410	FIG.215	NONE	102	FIG.215			
	FIG.216	NONE	102	FIG.216			
	FIG.217	NONE	102	FIG.217			
			102	FIG.218			
42AR			102	FIG.219			
430						FIG.200	
	FIG.220	NONE	102	FIG.220			
	FIG.221	NONE	102	FIG.221			
440	FIG.222	NONE	132				FIG.222
	FIG.223	NONE	102	FIG.223			
	FIG.224	NONE	102	FIG.224			
	FIG.187	NONE				FIG.187	
450			102	FIG.225			
	FIG.226	NONE	102	FIG.226			
46AC	YW OR YX	YW	102,192	YW,YX			
			102, 176	FIG.227 & 228			
	FIG.229	NONE	132				FIG.229
	FIG.230	NONE	102	FIG.230			
	FIG.231	NONE	102	FIG.231			
470	FIG.233 234, OR 237	NONE		FIG.233, 234 & 237			
	FIG.235 & 236	NONE	102	FIG.235 & 236			
	XD	NONE	136	XD			
	FIG.232	NONE	102	FIG.232			
	FIG.377	NONE	102	FIG.377			
	FIG.373	NONE	102	FIG.378			
	FIG.238 OR 239	NONE	102	FIG.238 & 239			
	FIG.240	NONE	102	FIG.240			
480	YZ	(FIG.222, 229,YY & YZ) OR NONE		YZ		YY	

106. 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	SPL
48D	FIG. 243	FIG.23 OR NONE	102,137, 141,191	FIG.243		FIG.23	
	FIG. 246	NONE	138		FIG.246		
	FIG. 247	NONE	142		FIG.247		
			139		FIG.44		
		FIG.25 OR NONE	140		FIG.25		
	FIG. 249	FIG.24 OR NONE	102 141,146	FIG.249		FIG.24	
	FIG. 350	NONE	102	FIG.350			
	XA OR XB	XA OR NONE	137		XB	XA	
	FIG. 241	NONE	102	FIG.241			
	FIG. 242	NONE	102	FIG.242			
	FIG. 351	NONE	102	FIG.351			
	FIG. 352	NONE	102	FIG.352			
	FIG. 353	NONE	102	FIG.353			
50D	FIG. 248	NONE	145				FIG.248
	FIG. 354	NONE	145				FIG.354
	FIG. 356	NONE	102,148	FIG.356			
	XC	NONE	147	XC			
53D	XE OR XF	XE		XF		XE	
	FIG. 355	NONE	102	FIG.355			
	FIG. 357	NONE	102,149	FIG.357			
	FIG. 358	NONE	102	FIG.358			
	FIG. 359	NONE	102	FIG.359			
	FIG. 360	NONE	102	FIG.360			
	FIG. 361	NONE	102,153	FIG.361			
	FIG. 362	NONE	102,151	FIG.362			
	FIG. 363	NONE	102,154	FIG.363			
	FIG. 364	NONE	102	FIG.364			
	FIG. 365	NONE	102	FIG.365			
	FIG. 366	NONE	102	FIG.366			
	FIG. 368	NONE	102	FIG.368			
	FIG. 375	NONE	102	FIG.375			
	FIG. 376	NONE	102	FIG.376			
	XG OR XH	XG OR NONE	155	XG,XH			
	FIG. 397	NONE	102, 170	FIG.397			
	FIG. 412, 413	NONE	102	FIG.412, 413			
54D	XI OR XJ	XI OR NONE	102	XI,XJ			
	XK OR XL	NONE	102	XK,XL			
	FIG. 39	FIG.39				FIG.39	
	FIG. 367	NONE	102	FIG.367			
	FIG. 369	NONE	102	FIG.369			
	FIG. 370	NONE	102	FIG.370			
	FIG. 371	NONE	102	FIG.371			
	FIG. 372	NONE	102	FIG.372			
	FIG. 373	NONE	102	FIG.373			
	FIG. 374	NONE	102	FIG.374			
	FIG. 387	NONE	102	FIG.387			
	WC	NONE	156		WC		
	WD	FIG.234 WITH WD OR NONE	156	WD			
56B	FIG. 358 OR 391	FIG.358 OR NONE	102, 163, 168	FIG.391		FIG.358	
	FIG. 359 OR 392	FIG.359 OR NONE	102, 164, 168	FIG.392		FIG.359	
	FIG. 360 OR 393	FIG.360 OR NONE	102, 165, 168	FIG.393		FIG.360	
	FIG. 361 OR 394	FIG.361 OR NONE	102, 153, 166, 168	FIG.394		FIG.361	
	FIG. 362, 395	FIG.362 OR NONE	102,151, 167,168	FIG.395		FIG.362	
	FIG. 379	NONE	102	FIG.379			
	WL	NONE	102	WL			

106. 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	SPL
56B	FIG. 382	NONE	102	FIG.382			
	FIG. 383	NONE	102	FIG.383			
	FIG. 384	NONE	102	FIG.384			
	FIG. 385	NONE	102	FIG.385			
57D	XM OR XN	XM	102	XM,XN			
	XP OR XQ	XP		XQ		XP	
	XR	NONE	160	XR			
	FIG.247	FIG.247 OR NONE	102, 142, 158	FIG. 247			
	FIG. 380	NONE	102	FIG.380			
	FIG. 386	NONE	102	FIG.386			
	FIG. 389	FIG. 20	102	FIG.20 & 389			
	JACK			223AM		223A	
				238AM		238A	
				239AM		239A	
				239CM		239C	
				241AM		241A	
				242AM		242A	
				246AM		246A	
				248AM		248A	
				249AM		249A	
				293AM		293A	
				483CM		483C	
	FIG. 427	NONE	102	FIG.427			
59D	FIG. 246	FIG.246 OR NONE	138			FIG.246	
	XU OR XV	XU OR NONE	171	XV		XU	
	XY	NONE	102,301	XY*			
	XZ	NONE	172	XZ			
	FIG. 381	NONE	161	FIG.381			
	FIG. 388	NONE	102	FIG.388			
	FIG. 390, XS OR XT	NONE	102	FIG.390, XS,XT			
	FIG. 396, 398-403	NONE	102, 191,199	FIG.396, 398-403		FIG 350	
	XW	NONE	102	XW			
	FIG.404	NONE	102	FIG.404			
61D	FIG.405, WA,WB	NONE	102	FIG.405, WA,WB			
	WE	NONE	173	WE			
	FIG. 406	NONE	102	FIG.406			
64D	FIG.408, 409, WF, WK	FIG.235, 242&236, WITH WF OR NONE	102, 174, 175	FIG.408, 409,WK		FIG.235, 242,WF	
	CAPACITOR			KS-20300, L8		KS-13614, L5	
	FIG.410, 411,WG, WH	WG OR NONE	102	FIG.410, 411,WG, WH			
65D	WJ	NONE	102	WJ			
	FIG. 417, 418,422, 423	NONE	102	FIG.417, 418,422, 423			
	FIG.414,WI	NONE	102	FIG.414WI			
	WM OR WN	H OR K WITH WM OR NONE	102	WM,WN			
	FIG.415, 416	NONE	102	FIG.415, 416			
	FIG.419	NONE	102	FIG.419			
	FIG.420	FIG.228 OR NONE	102, 176	FIG.420		FIG. 228	

*NONRECORD OPTION

DRAWING ISSUE

59D
61D
62A
63A
64D

DRAWING ISSUE 93B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)

SD-25762-01-D10

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25762-01-D10

CIRCUIT NOTES (CONT):

106. (CONT)

CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	A&M	MD	SPL
	WO OR WP	FIG.365 & 366 WITH WO OR NONE	177	WP		WO	
	WQ	NONE	176		WQ		
	FIG.353	FIG.353 OR NONE	178			FIG. 353	
	XC	XC OR NONE	147		XC		
	WK	WK OR NONE	175		WK		
	WR OR WS	WR	179	WS		WR	
	FIG.420	FIG.228 OR 420 OR NONE	102A, 176		FIG. 420		
	JACK			618A		553	
	FIG.421	NONE	102A		FIG.421		
	FIG.424	NONE			FIG.424		
	FIG.227	FIG.227 OR NONE			FIG.227		
67D	FIG.236	FIG.236 OR NONE			FIG.236		
	FIG.241	FIG.241 OR NONE			FIG.241		
	FIG.352	FIG.352 OR NONE			FIG.352		
	FIG.356	FIG.356 OR NONE			FIG.356		
	FIG.379	FIG.379 OR NONE			FIG.379		
	FIG.408 AND 409	FIG.408 AND 409 OR NONE			FIG.408, 409		
	WI	WI OR NONE			WI		
	FIG.419	FIG.419 OR NONE			FIG.419		
	FIG.414	FIG.414 OR NONE			FIG.414		
	FIG.417, 418,422, 423	FIG.417, 418,422, 423, OR NONE			FIG.417, 418,422, 423		
	FIG.425	NONE	102	FIG.425			
	FIG.426	NONE	102A		FIG. 426		
710	FIG. 231	FIG.231 OR NONE	180			FIG. 231	
730	WT,WU, WV, OR WW	WT AND WV OR NONE	102	WT,WU, WV,WW			
	FIG. 428, WX,WY	WX OR NONE	102, 192	FIG. 428, WX,WY			
75D	WZ	NONE	102	WZ			
	VA	NONE	102, 181	VA			
78D	VB OR VC	VB OR NONE	102	VB, VC			
			183				
	YN	NONE	102	YN			
79B	FIG.429, 432,433, VD,VE,VF, VG,VH,VI, VJ,VK	FIG.23 WITH VJ OR FIG. 243 WITH VK, OR FIG.398 WITH VD	102 (161), 184	FIG.429, 432,433, VD,VF, VH,VI, VK,VD	VE	VJ	
	VL	NONE	102 (166)	VL			

1 INDICATES OPTION

106. (CONT)

CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	A&M	MD	SPL
79B	FIG. 430	NONE	185	FIG. 430			
	FIG. 431, 435,VM	NONE	102 (165)	FIG. 431, 435,VM			
	FIG. 434, 438	NONE	102 (168)	FIG. 434,438			
81B	FIG. 436	NONE	187		FIG. 436		
	VO, VP	VO	102 (168)	VO, VP			
	YN,XO	FIG.240 WITH YN OR NONE	188	XO		YN	
	VW,VX,VY	NONE	191	VX,VY	VW		
	VV	NONE	102 (187)	VV			
	VT,VU	FIG.168 WITH VT	189	VU		VT	
83B	UA,UB, UC	WX WITH UA OR WY WITH UB OR NONE	192	UA,UB, UC			
	UD,UE	FIG.226 WITH UD	192	UD,UE			
	UF,UG	FIG. 49 OR NONE	192	UF,UG			
	UH,UI	UH	193	UI		UH	
	UR	FIG.428 WITH UR	192	UR			
	VZ	WY WITH VZ OR NONE	192		VZ		
85B	LAMPS			MI		2Y	
86A (AC)	UJ,UK	FIG.427 WITH UJ	194	UK		UJ	
			197				
87B	UL,UM	FIG.45 WITH UL	102 (36)	UL, UM			
	UP,UQ	VM WITH UP OR NONE	196	UP, UQ			
	XX	NONE	195	XX			
	FIG.439	NONE	102 (183)	FIG. 439			
			198			FIGURES 218, 344-346, 348,374, 382-385, 387-388, 391-395, 408, 410-413	
88B	US	NONE	194	US			
	UT	NONE	102 (188)	UT			
89A (AC)	UW,UX	UQ WITH UW OR NONE	102 (162), 196	UW,UX		UP	
90B	UU,UV	FIG.168 WITH UU	102 (164)	UU,UV			
	UM	J WITH UM	102 (95), 192	UM			
	UO,UY, UZ	(UO OR UC) WITH UO OR NONE	102 (162)	UO,UY UZ			
	TA,TB	NONE	102 (176)	TA,TB			

106. (CONT)

CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	A&M	MD	SPL
93B	RESISTOR			KS-21767, L2		2W	
	TC	APP FIG 398 WITH TC OR NONE	102 (142), 191	TC			
94B	APP FIG 440	NONE	102 (171)	APP FIG 440			
	TD	APP FIG 23 WITH TD	191			TD	
	TE	APP FIG 44 WITH TE OR NONE	139, 191		TE		
	TF	APP FIG 243 WITH TF OR NONE	102 (106), 191	TF			
	TG	APP FIG 247 WITH TG OR NONE	102 (106), 142, 191	TG			
95BU	APP FIG 441	NONE	102 (172)	APP FIG 441			
96B	TH,TI	TH	102 (96), 192 (F)	TH,TI			
	TJ	APP FIG 428 WITH TJ	192 (G)	TJ			
	TK	APP FIG 428 OR NONE	192 (H)	TK			
97B	TL,TM	TL OR NONE	1100	TL,TM			
	TN	APP FIG. 213 OR NONE	102 (83)	TN			

107. S WIRING MUST BE PROVIDED FOR OPERATION WITH PRETRANSLATOR CIRCUITS.

108. CIRCUIT NOTES CONTINUE ON SHEET D12.

ISSUE 97B	
MASTER TEST FRAME JACK, LAMP, AND KEY CIRCUIT	SD-28762-01-D11
BELL TELEPHONE LABORATORIES INCORPORATED	SHEET 8

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CIRCUIT NOTES (CONT):

109. *CANCELED ON ISSUE 85B.*

110. PRIOR TO ISSUE 13B, PREFIXES C AND D WERE NOT SHOWN IN THE DESIGNATIONS OF THE KEYS AND LAMPS OF FIG. 20.

111. F OPTION MUST BE PROVIDED WHEN GROUND START COIN LINES ARE USED.

112. WHERE PRT (REG,IDDD & IR) AND PRT CONN (REG & IR) ARE USED IN COMMON WITH TWO MARKER GROUPS, THEIR ASSOCIATED EQUIPMENT AND WIRING IN THE MASTER TEST FRAME JACK, LAMP AND KEY CKT SHALL BE CONNECTED IN THE FIRST OR IN SECOND MASTER TEST FRAME ONLY.

113. ON ISSUE 17D, FUSE DESIGNATION V IS RATED MFR DISC AND IS SUPERSEDED BY DESIGNATION PU AS STD.

114. (SEE NOTE 125) (MFR DISC) THE G LEADS OF THE FIGURES 9 ASSOCIATED WITH THE FOLLOWING JACKS SHALL BE MULTIPLED TOGETHER:

(1) THE FIRST 20 (LLMCMB) AND ALL OF THE (IRMCMB) AND (ORMCMB) JACKS ASSOCIATED WITH THE SAME MARKER. IN NO CASE SHALL THE G LEADS OF MORE THAN 45 JACKS BE MULTIPLED TOGETHER.

(2) THE SECOND 20 (LLMCMB) JACKS ASSOCIATED WITH THE SAME MARKER.

115. WHERE FOREIGN AREA TRANSLATORS ARE USED IN COMMON WITH TWO MARKER GROUPS, THEIR ASSOCIATED WIRING AND EQUIPMENT IN THE MASTER TEST FRAME JACK, LAMP AND KEY CIRCUIT SHALL BE CONNECTED IN THE FIRST OR THE SECOND MASTER TEST FRAME ONLY.

116. WHERE A FOREIGN AREA TRANSLATOR CONNECTOR FRAME IS ASSOCIATED WITH MORE THAN ONE MARKER GROUP, THERE SHALL BE A (FATC FG) LAMP FOR THE CONNECTORS IN THEIR RESPECTIVE MARKER GROUPS.

117. WHERE THE COIN SUPERVISORY RELEASE CKT IS USED IN COMMON WITH TWO MARKER GROUPS, ITS ASSOCIATED EQUIPMENT AND WIRING IN THE JACK, LAMP AND KEY CIRCUIT SHALL BE CONNECTED IN THE FIRST OR THE SECOND MASTER TEST FRAME JACK BAY ONLY.

118. WHERE OUTGOING TRUNKS ARE CONNECTED TO MF AUX TRUNKS FOR CONVERTING REVERSE BATTERY TO E AND M LEAD SUPERVISION AND THESE TRUNKS ARE TO BE TESTED FROM AN OUTGOING TRUNK TEST FRAME, ZR OPTION SHALL BE PROVIDED IN FIG. 14.

119. ZS OPTION AND FIG. 169 MUST BE PROVIDED WHEN CANCELLATION OF COIN SUPERVISORY CIRCUIT HOLD FEATURE IS REQUIRED AND ALARM SENDING OR INTERFACE AND CONTROL CKT IS PROVIDED.

120. ZU OPTION AND FIG. 170 MUST BE PROVIDED AND ZT OPTION REMOVED WHEN TIMED RELEASE OF TROUBLE RECORDER REQUEST ALARMS IS REQUIRED.

121. (SEE NOTE 125) (MFR DISC) THE G LEADS OF THE FIGURES 9 ASSOCIATED WITH THE FOLLOWING JACKS SHALL BE MULTIPLED TOGETHER:

(1) THE FIRST 40 (LLMCMB) JACKS ASSOCIATED WITH THE SAME DIAL TONE MARKER.

(2) ALL (LLMCMB) JACKS ABOVE 40 ASSOCIATED WITH THE SAME DIAL TONE MARKER.

(3) ALL OF THE (IRMCMB) & (ORMCMB) JACKS ASSOCIATED WITH THE SAME COMPLETING MARKER.

(4) IN NO CASE SHALL THE G LEADS OF MORE THAN 45 JACKS BE MULTIPLED TOGETHER

122. *CANCELED ON ISSUE 85B.*

123. PROVIDE ONE FIG. 41 FOR ALL MARKER GROUPS SERVED BY THE SAME RINGING MACHINE. THIS FIG. 41 SHALL BE LOCATED AT THE MASTER TEST FRAME ASSOCIATED WITH THE LOWEST NUMBERED MARKER GROUP SERVED BY THE SAME RINGING MACHINE UNLESS OTHERWISE SPECIFIED. PRIOR TO ISSUE 30B FIG. 41 WAS SPECIFIED ONE PER MARKER GROUP.

124. (A&M ONLY) WHEN OPTION Y1 IS PROVIDED FOR OFFICES WHICH HAVE FIG. 26 WITH H WIRING, ONE FIG. 49 (T-3 RELAY) AND ONE FIG. 50 MUST BE PROVIDED. THE ALM LEAD FROM THE RECORDER & RECORDER CONNECTOR CIRCUIT SHOULD BE CONNECTED TO FIG. 50 AND NOT FIG. 26, AND LEAD 4 OF FIG. 49 SHOULD NOT BE TERMINATED.

125. (MFR DISC) (SEE NOTE 130) PROVIDE FIG. 158 IN FOLLOWING QUANTITIES: ONE PER DIAL TONE MARKER WHEN THERE ARE 30 OR LESS 2 WIRE (LLMCMB) JACKS AND TWO PER DIAL TONE MARKER WHEN THERE ARE 30-60 2-WIRE (LLMCMB) JACKS OR ANY 4-WIRE (LLMCMB) JACKS AND ONE PER ALL (IRMCMB) AND (ORMCMB) JACKS ASSOCIATED WITH SAME COMPLETING MARKER UP TO A TOTAL OF 30. PRIOR TO ISSUE 32D THE QUANTITY PROVIDED OF FIG. 158 READ AS FOLLOWS: ONE PER FIRST 40 (LLMCMB) JACKS ASSOCIATED WITH SAME DIAL TONE MARKER, ONE PER ALL (LLMCMB) JACKS OVER 40 ASSOCIATED WITH SAME DIAL TONE MARKER, AND ONE PER ALL (IRMCMB) AND (ORMCMB) JACKS ASSOCIATED WITH SAME COMPLETING MARKER. (IN NO CASE SHALL G LEADS OF MORE THAN 45 JACKS BE MULTIPLED TOGETHER.)

126. (MFR DISC) (SEE NOTE 131) THE G LEADS OF FIG. 9 ASSOCIATED WITH THE FOLLOWING JACKS SHALL BE MULTIPLED TOGETHER.

A. 2-WIRE (LLMCMB) JACKS 00-29 ASSOCIATED WITH SAME DIAL TONE MARKER OR 2-WIRE (LLMCMB) JACKS 00-19 AND 4-WIRE (LLMCMB) JACKS 20-29 ASSOCIATED WITH SAME DIAL TONE MARKER.

B. 2-WIRE (LLMCMB) JACKS 30-59 ASSOCIATED WITH SAME DIAL TONE MARKER OR 2-WIRE OR 4-WIRE (LLMCMB) JACKS 30-39 AND 4-WIRE (LLMCMB) JACKS 00-19 ASSOCIATED WITH SAME DIAL TONE MARKER.

C. ALL OF THE (IRMCMB) AND (ORMCMB) JACKS ASSOCIATED WITH SAME COMPLETING MARKER UP TO A TOTAL OF 30.

127. FURNISH YO OPTION ONLY WITH THE FIGURES 8 ASSOCIATED WITH COMBINED OR COMPLETING MARKERS NO. 0 AND NO.1. LEAD MKO IS AOSSOCIATED WITH MARKER NO. 0 AND LEAD MK1 WITH MARKER NO. 1.

128. PROVIDE (UN15) RELAY FOR FIRST TEN COIN SUPERVISORY CIRCUITS. PROVIDE (UN15A) RELAY, YM OPTION, FOR SECOND TEN COIN SUPERVISORY CIRCUITS.

129. WHEN ANY OF THE FOLLOWING IS PROVIDED FIG. 191 MUST BE FURNISHED.

A. LOOP AROUND TRUNK TESTING.
B. CENTREX TRUNK TESTING.
(MFR DISC) C. MULTILEVEL PREEMPTION.
D. RANGE EXTENSION FOR UNIGAUGE CABLING.
E. NO. 101 ESS DIRECT ACCESS DID.
F. CALL WAITING SERVICE
G. 20B PAD CKT IN THE MTF TRUNK TEST CKT TANDEM OTL.

130. PROVIDE FIG. 158 IN THE FOLLOWING QUANTITIES:

A. ONE PER DIAL TONE MARKER WHEN THERE ARE 30 OR LESS ASSOCIATED 2-WIRE (LLMCMB) JACKS AND 4 OR LESS (TLLMCMB) JACKS. (IRMCMB), (ORMCMB), AND (TRMCMB) JACKS.

B. TWO PER DIAL TONE MARKER WHEN THERE ARE 31-60 ASSOCIATED 2-WIRE (LLMCMB) JACKS, OR ANY 4-WIRE (LLMCMB) JACKS, AND 4 OR LESS (TLLMCMB) JACKS.

C. ONE PER ALL (IRMCMB),(ORMCMB), AND (TRMCMB) JACKS, ASSOCIATED WITH SAME COMPLETING MARKER UP TO A TOTAL OF 34.

(A&M ONLY) D. ONE PER CALL DISTRIBUTION MARKER WHEN THERE ARE 30 OR LESS ASSOCIATED (LLMCMB) & (DRMCMB) JACKS.

131. THE G LEADS OF FIG. 9 ASSOCIATED WITH THE FOLLOWING JACKS SHALL BE MULTIPLED TOGETHER.

A. 2-WIRE (LLMCMB) JACKS 00-29 AND (TLLMCMB) JACKS 0-3 ASSOCIATED WITH SAME DIAL TONE MARKER OR 2-WIRE (LLMCMB) JACKS 00-19, 4-WIRE (LLMCMB) JACKS 20-29, AND (TLLMCMB) JACKS 0-3 ASSOCIATED WITH SAME DIAL TONE MARKER.

B. 2-WIRE (LLMCMB) JACKS 30-59 ASSOCIATED WITH SAME DIAL TONE MARKER OR 2-WIRE OR 4-WIRE (LLMCMB) JACKS 30-39 AND 4-WIRE (LLMCMB) JACKS 00-19 ASSOCIATED WITH SAME DIAL TONE MARKER.

C. ALL OF THE (LLMCMB),(IRMCMB),(ORMCMB), OR (TRMCMB) JACKS ASSOCIATED WITH SAME COMPLETING MARKER UP TO A TOTAL OF 34.

(A&M ONLY) D. (LLMCMB) & (DRMCMB) JACKS ASSOCIATED WITH THE SAME CALL DISTRIBUTION MARKER.

132. FOR INTEROFFICE, WITH OR WITHOUT INTRAOFFICE WIDEBAND SWITCHING, PROVIDE ONE FIG. 222 AND ONE FIG. 229. FOR INTRAOFFICE WIDEBAND SWITCHING ONLY, PROVIDE ONE FIG. 222.

133. PROVIDE ONE FIG. 233, (MB) JACK, FOR EACH OF THE FOLLOWING CONNECTING CIRCUITS:

A. 2-WIRE 2-WAY TRUNK CIRCUIT FOR OFF-NET ACCESS SERVICE IN COMMON CONTROL SWITCHING ARRANGEMENT WHEN 17E TESTBOARD DOES NOT CONNECT TO TRUNK CIRCUITS IN THIS MARKER GROUP.

B. ATTENDANT TRUNK CIRCUIT FOR REMOTE ATTENDANT FOR USE IN COMMON CONTROL SWITCHING ARRANGEMENT OFFICES ARRANGED FOR OFF-NET ACCESS WHEN 17E TESTBOARD DOES NOT CONNECT TO TRUNK CIRCUITS IN THIS MARKER GROUP.

C. LINE CIRCUIT FOR AUTOMATIC INTERCEPT SERVICE.

D. RECORDING COMPLETING, INWARD OPERATOR, OR TX TRUNK CIRCUIT FOR WIDEBAND OR BIT-STREAM SERVICE.

(MFR DISC) E. 2-WAY LINE CIRCUIT, LLP, FOR WIDEBAND SERVICE, WHEN THE 23B TESTBOARD IS NOT PROVIDED.

(MFR DISC) F. 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR USE IN WIDEBAND SERVICE, WHEN THE 23B TESTBOARD IS NOT PROVIDED.

G. 2-WAY TRUNK CIRCUIT FOR ACCESS BETWEEN CENTREX AND AUTOVON.

H. REMOTE LINE CIRCUIT FOR OFF-NET ACCESS CONTROL, OFFICE ARRANGED FOR CENTREX SERVICE.

I. LINE CIRCUIT, LLP, FOR CENTRALIZED ATTENDANT OPERATION.

J. INCOMING TRUNK CIRCUIT FOR CENTRALIZED ATTENDANT OPERATION, PHASE III CENTREX SERVICE.

(MFR DISC.) K. 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR EXCHANGE, TANDEM, TOLL CONN, OR INTERTOLL USE IN WIDEBAND SERVICE WITH OR WITHOUT PHASE III CENTREX, WHEN THE 23B TESTBOARD IS NOT PROVIDED.

L. AUXILIARY LINE CIRCUIT ARRANGED FOR 2-WAY SERVICE BETWEEN LOCAL OFFICE AND SWITCHED SERVICES NETWORK (CCSA) OFFICE.

M. INTRAOFFICE TRUNK CIRCUIT FOR COIN LINES WITH OR WITHOUT TIMING USED IN TESTING COIN SUPERVISORY CIRCUITS (MAX 3).

(MFR DISC) N. ATTENDANT TRUNK CIRCUIT, SWITCH TERMINATED-KEY DEDICATED FOR LDN AND TRANSFER CALLS, PHASE III CENTREX-WIDEBAND SERVICE.

(MFR DISC) O. ATTENDANT TRUNK CIRCUIT, SWITCH TERMINATED-KEY DEDICATED FOR DIAL ZERO CALLS, PHASE III CENTREX-WIDEBAND SERVICE.

(MFR DISC) P. 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK FOR BIT-STREAM SERVICE AND ARRANGED AS TEST TRUNK NO. 1.

(A&M ONLY) Q. OUTGOING TRUNK CIRCUIT, AUTO. CALL DISTRIBUTION, FOR CLOSE DOWN SERVICE.

(A&M ONLY) R. SERVICE ASSISTANCE POSITION TRUNK CKT FOR AUTO. CALL DISTRIBUTION.

(A&M ONLY) S. OUTGOING TRUNK CKT, AUTO. CALL DISTRIBUTION, FOR USE TO AN INFORMATION BUREAU, OR FOR USE TO A LOCAL CENTRAL OFFICE LINE CKT.

T. ATTENDANT LINE CKT FOR CENTRALIZED ATTENDANT OPERATION, PHASE III CENTREX SERVICE, LLP.

U. ATTENDANT INCOMING TRUNK CKT FOR CENTRALIZED ATTENDANT OPERATION, PHASE III CENTREX SERVICE.

V. ATTENDANT OUTGOING TRUNK CKT, DIAL ZERO CALLS, FOR CENTRALIZED ATTENDANT OPERATION.

W. ATTENDANT INCOMING TRUNK CKT, DIAL ZERO CALLS, FOR CENTRALZIED ATTENDANT OPERATION.

X. OUTGOING TRUNK CKT FOR INFORMATION SERVICE WITH OR WITHOUT TANDEM ACCESS, WITH OR WITHOUT AMA, WITH COIN RETURN.

DRAWING ISSUE
50D LT SSL
52A RA
53D RA
54D
55A
57D
58A
59D
61D
62A
63A
64D

DRAWING ISSUE 87B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)

SD-25762-01-D12

BELL TELEPHONE LABORATORIES INCORPORATED — CODE IDENT 6S

SD-25762-01-D12

CIRCUIT NOTES: (CONT)

134. PROVIDE ONE FIG. 237 PER MARKER GROUP WHEN ANY OF THE FOLLOWING CIRCUITS ARE PROVIDED:
   A. 2-WIRE 2-WAY TRUNK CIRCUIT FOR OFF-NET ACCESS SERVICE IN COMMON CONTROL SWITCHING ARRANGEMENT WHEN 17E TESTBOARD DOES NOT CONNECT TO TRUNK CIRCUITS IN THIS MARKER GROUP.
   B. ATTENDANT TRUNK CIRCUIT FOR COMMON CONTROL SWITCHING ARRANGEMENT OFFICES ARRANGED FOR OFF-NET ACCESS (REMOTE ATTENDANT) WHEN 17E TESTBOARD DOES NOT CONNECT TO TRUNK CIRCUITS IN THIS MARKER GROUP.
   C. 2-WAY TRUNK CIRCUIT FOR ACCESS BETWEEN CENTREX AND AUTOVON.
   (MFR DISC.) D. TOLL SWITCHING TANDEM TRUNK CIRCUIT USED TO COMPLETE CALLS TO THE CALLING STATION FOR WIDEBAND OR BIT-STREAM SERVICE.
   (MFR DISC.) E. RECORDING COMPLETING, INWARD OPERATOR, OR TX TRUNK CIRCUIT FOR WIDEBAND OR BIT-STREAM SERVICE.
   (MFR DISC.) F. 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR WIDEBAND SERVICE WHEN THE 23B TESTBOARD IS NOT PROVIDED.
   (MFR DISC.) G. 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR EXCHANGE,TANDEM,TOLL CONNECTING,OR INTERTOLL USE IN WIDEBAND SERVICE WITH OR WITHOUT PHASE III CENTREX, WHEN THE 23B TESTBOARD IS NOT PROVIDED.
   H. ATTENDANT OUTGOING TRUNK CIRCUIT, DIAL ZERO CALLS, FOR CENTRALIZED ATTENDANT OPERATION.
   I. OUTGOING TRUNK CIRCUIT FOR INFORMATION SERVICE WITH OR WITHOUT TANDEM ACCESS, WITH OR WITHOUT AMA, WITH COIN RETURN.

135. (MFR DISC) WHEN THE TIMING TEST SET IS USED WITH FIG. 235 TO MEASURE THE TIME REQUIRED FOR GATING AN AUTOMATIC CALL DISTRIBUTION LINE LINK FRAME, THE TEST SET (SEND) KEY IS OPERATED TO THE (MK) POSITION AND THE (REC) SWITCH IS SET IN THE (START 48V, STOP OC) POSITION.

136. WHERE FIG. 5 IS PROVIDED AND LAMP FUSES A11 & A67-A78 ARE REQUIRED, IN ACCORDANCE WITH NOTE 218, OPTION XD, IF NOT ALREADY PROVIDED, MUST BE FURNISHED.

137. (A&M ONLY) WHERE U TYPE MARKER ROUTE TRANSFER RELAYS (RTO-4) WERE PROVIDED PER FIG. 23 PRIOR TO ISSUE 48D AND FIVE ADDITIONAL ROUTE TRANSFER RELAYS (RT5-9) ARE REQUIRED, THE WIRE SPRING RELAYS (RT5-9) PER FIG. 243 MAY BE ADDED. WIRING OPTION XA MUST BE REMOVED AND XB ADDED. (SEE NOTE 191)

138. (MFR DISC.) WHERE U TYPE MARKER ROUTE TRANSFER CONTROL RELAYS (RCTO-4) WERE PROVIDED PER FIG. 25 PRIOR TO ISSUE 48D AND FIVE ADDITIONAL ROUTE TRANSFER CONTROL RELAYS ARE REQUIRED. THE WIRE SPRING RELAYS (RTC5-9) PER FIG. 246 MAY BE PROVIDED. FIG. 246 IS REQUIRED ONLY WHEN FIG. 247 IS PROVIDED. (SEE NOTE 191)

139. (A&M ONLY) WHERE U TYPE MARKER ROUTE TRANSFER RELAYS (RTO-4) WERE PROVIDED PER FIG. 23 PRIOR TO ISSUE 48D AND WHERE A COMBINATION OF MORE THAN 10 COMBINED AND COMPLETING MARKERS ARE EXCEEDED BY ADDITIONS, FIG. 44 AND OPTION TE MUST BE PROVIDED FOR THE 11 AND 12 MARKERS. (SEE NOTE 191)

140. (A&M ONLY) WHERE MARKER ROUTE TRANSFER RELAYS (RTO-4) PER FIG. 23 WERE PROVIDED PRIOR TO ISSUE 48D AND MARKER ROUTE TRANSFER CONTROLLED FROM CENTRAL "A" SWBD IN DISTANT BLDG OR TRAFFIC COORDINATOR CONTROL (AUTO. CALL DISTRIBUTION) IS REQUIRED FIG. 25 MUST BE PROVIDED. (SEE NOTE 191)

141. (A&M ONLY) WHERE (RT5-9) RELAYS ARE ADDED PER FIG. 243 (NOTE 137) AND ARE REQUIRED TO BE CONTROLLED FROM THE MASTER TEST FRAME, CONTROL JACKS (RT5-9) PER FIG. 249 MUST BE PROVIDED. (SEE NOTE 191)

142. (A&M ONLY) WHERE (RT) RELAYS ARE ADDED PER FIG. 243 (NOTE 137) AND WHERE A COMBINATION OF MORE THAN 8 COMBINED AND COMPLETING MARKERS ARE PROVIDED,FIG. 247 FOR (RT5'-9') AND OPTION TG MUST BE PROVIDED FOR THE 9TH TO 12TH MARKERS. (SEE NOTE 191)

143. WHEN DYNAMIC OVERLOAD CONTROL OF MORE THAN 2 TRUNK GROUPS TO THE SAME DESTINATION IS NECESSARY, MULTIPLE (RT-) RELAYS AS REQUIRED TO PROVIDE ONE (RT-) RELAY TO CONTROL EACH ADDITIONAL TWO SUCH TRUNK GROUPS.

144. WHEN (RT-) RELAYS OF FIG. 243 ARE GROUPED PER NOTE 143, CONNECT ONLY ONE FIG. 249 TO EACH GROUP OF FIGURES 243.

145. (SPL) WHEN FREE TRUNK CIRCUITS ARE ARRANGED FOR USE AS COMPUTER PORTS, PROVIDE ONE FIG. 248 PER COMPUTER PORT GROUP (MAX 6 GROUPS - 32 PORTS PER GROUP), AND ONE FIG. 354 PER OFFICE.

146. (A&M ONLY) WHERE CONTROL OF THE ROUTE TRANSFER RELAYS FROM THE MASTER TEST FRAME IS REQUIRED IN ADDITION TO THAT PROVIDED FROM THE TRAFFIC COORDINATOR CONTROL CIRCUIT, PROVIDE FIG. 249.

147. (A&M ONLY) WHERE CONFIRMATION IS REQUIRED AT THE NO. 5 AUTOMATIC CALL DISTRIBUTION SWITCHROOM THAT A ROUTE TRANSFER HAS BEEN MADE, PROVIDE OPTION XC.

148. (A&M ONLY) WHERE EMERGENCY CONTROL OF THE "NIGHT TRANSFER" FEATURE IN THE TRAFFIC INFORMATION GATHERING CIRCUIT IS REQUIRED AT THE MASTER TEST FRAME, PROVIDE FIG. 356.

149. ~~PROVIDE~~ ONE FIG. 357, (MON) ~~JACK FOR~~ EACH OF THE FOLLOWING CONNECTING CIRCUITS:
   (MFR DISC.) A. 2-WAY LINE CIRCUIT, LLP, FOR WIDEBAND SERVICE WHEN THE 23B TESTBOARD IS NOT PROVIDED.
   (MFR DISC.) B. 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR WIDEBAND SERVICE WHEN THE 23B TESTBOARD IS NOT PROVIDED.
   C. 2-WAY TRUNK CIRCUIT FOR ACCESS BETWEEN CENTREX AND AUTOVON.
   (MFR DISC.) D. 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR EXCHANGE,TANDEM,TOLL CONNECTING,OR INTERTOLL USE IN WIDEBAND SERVICE WITH OR WITHOUT PHASE III CENTREX, WHEN THE 23B TESTBOARD IS NOT PROVIDED.

150. PROVIDE ONE (WB LLO) LAMP FOR EACH 2-WAY LINE CIRCUIT,LINE LINK PULSING, FOR WIDEBAND SERVICE, WHEN THE 23B TESTBOARD IS NOT PROVIDED.

151. PROVIDE ONE FIG. 362 OR 395 PER MARKER GROUP WHEN THE 23B TESTBOARD IS NOT PROVIDED.

152. (MFR DISC.) PROVIDE ONE (WB TLO) LAMP FOR EACH 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR WIDEBAND SERVICE WHEN THE 23B TESTBOARD IS NOT PROVIDED, OR FOR EACH 2-WAY 900 OHM TRUNK CIRCUIT OR INTERTOLL TRUNK CIRCUIT FOR EXCHANGE,TANDEM,TOLL CONNECTING,OR INTERTOLL USE IN WIDERAND SERVICE WITH OR WITHOUT PHASE III CENTREX, WHEN THE 23B TESTBOARD IS NOT PROVIDED.

153. WHEN AN OFFICE IS EQUIPPED WITH WIDEBAND OPERATOR TRUNKS, PROVIDE TWO FIG. 361 OR 394 PER MARKER GROUP.

154. PROVIDE ONE FIG. 363 PER REMOTE LINK WHEN THE 23A TESTBOARD IS NOT PROVIDED.

155. IF AN OFFICE IS EQUIPPED WITH 2-WAY TRUNK CIRCUITS FOR ACCESS BETWEEN CENTREX AND AUTOVON, PROVIDE OPTION XH.

156. PROVIDE ONE FIG. 234 PER MARKER GROUP AND:
   A. WD OPTION WHEN THE FOLLOWING IS PROVIDED.
      1. LINE CIRCUIT, LLP, FOR AUTOMATIC INTERCEPT SERVICE.
      (MFR DISC.) 2. 2-WAY LINE CIRCUIT, LLP, FOR WIDEBAND SERVICE WHEN THE 23B TESTBOARD IS NOT PROVIDED.
      3. ATTENDANT LINE CIRCUIT OR LINE CIRCUIT, LLP, FOR CENTRALIZED ATTENDANT OPERATION.
   B. WC OPTION WHEN THE FOLLOWING IS PROVIDED:
      (A&M ONLY) 1. LINE CIRCUIT FOR AIS WITHOUT USING LLP.
   C. UT OPTION WHEN AUXILIARY LINE FOR LLP-AIS LINES FOR USE WITH NO. 5 ETS IS FURNISHED.

157. *CANCELED ON ISSUE 85B.*

158. WHERE MARKER ROUTE TRANSFER RELAYS (RT-) OF FIG. 243 ARE PROVIDED AND MORE THAN 8 COMPLETING MARKERS ARE FURNISHED, FIG. 247 (RT-') RELAYS MUST BE PROVIDED FOR THE 9TH-12TH COMPLETING MARKERS. (SEE NOTE 191)

159. *NOTE CANCELED.*

160. WHERE IMPROVED CHANNEL TESTING IS PROVIDED, OPTION XR MUST BE FURNISHED.

161. WHERE IDENTIFICATION AT THE MASTER TEST FRAME THAT AN ACCESS GROUP CONTROLLER CIRCUIT IS REMOVED FROM SERVICE IS REQUIRED, PROVIDE ONE FIGURE 381 PER ACCESS GROUP CONTROLLER CIRCUIT.

163. (MFR DISC) PRIOR TO ISSUE 56B, FIG. 358 WAS PROVIDED TO FURNISH THE INCOMING AND OUTGOING TEST JACKS FOR THE WIDEBAND 2-WAY TRUNKS.

164. (MFR DISC) PRIOR TO ISSUE 56B, FIG. 359 WAS PROVIDED TO FURNISH THE TEST JACKS FOR THE WIDEBAND TEST TRUNKS.

165. (MFR DISC) PRIOR TO ISSUE 56B, FIG. 360 WAS PROVIDED TO FURNISH THE WIDEBAND ORIGINATING TEST LINE APPEARANCES.

166. (MFR DISC) PRIOR TO ISSUE 56B, FIG. 361 WAS PROVIDED TO FURNISH THE WIDEBAND TERMINATING TEST LINE APPEARANCES.

167. (MFR DISC) PRIOR TO ISSUE 56B, FIG. 362 WAS PROVIDED TO FURNISH THE TESTBOARD SIMULATION FOR THE CODE 101 TEST TRUNK CIRCUITS FOR WIDEBAND.

168. (MFR DISC.) WHEN ANY OF THE FOLLOWING FEATURES ARE ADDED,FIGURES 358, 359,360,361 & 362, IF PROVIDED, MUST BE REMOVED & REPLACED BY FIGURES 391,392,393,394 & 395 RESPECTIVELY.
   A. TESTING FROM THE WIDEBAND AUXILIARY TEST LOCATION.
   B. PHASE III CENTREX WIDEBAND.
   C. BIT-STREAM SERVICE.

170. (MFR DISC) PROVIDE ONE FIG.397 PER MARKER GROUP WHEN ANY OF THE FOLLOWING CIRCUITS ARE PROVIDED:
   A. 2-WAY 900 OHM TRUNK OR INTERTOLL TRUNK CIRCUIT FOR WIDEBAND SERVICE WHEN THE 23B TESTBOARD IS NOT PROVIDED.
   B. 2-WAY 900 OHM TRUNK OR INTERTOLL TRUNK CIRCUIT FOR EXCHANGE,TANDEM,TOLL CONNECTING,OR INTERTOLL USE IN WIDEBAND SERVICE WITH OR WITHOUT PHASE III CENTREX WHEN THE 23B TESTBOARD IS NOT PROVIDED.

171. WHEN AN OFFICE IS EQUIPPED WITH MORE THAN 8 COMBINED AND/OR COMPLETING MARKER, OPTION XU IF PROVIDED, MUST BE REMOVED AND REPLACED BY OPTION XV.

172. WHERE FIG.5 IS PROVIDED AND LAMP FUSES 80-11 ARE REQUIRED IN ACCORDANCE WITH NOTE 218, OPTION XZ, IF NOT PROVIDED, MUST BE FURNISHED.

173. WHEN THE ALARM RELEASE KEY WITH ALARM LAMP FOR ALL COIN SUPERVISORY CIRCUITS IS REQUIRED OR WHEN INTERFACE AND CONTROL CKT IS PROVIDED, OPTION WE AND FIG. 154, IF NOT PROVIDED, MUST BE FURNISHED. WHEN ALARM SENDING OR INTERFACE AND CONTROL CKT IS FURNISHED, OPTION E MUST BE PROVIDED.

174. (MFR DISC.) PRIOR TO ISSUE 64D, FIG. 235 AND 242 APPEARED IN CIRCUIT NOTE 102 AND WERE PROVIDED FOR THE GATE CONTROL CIRCUIT FOR ACD. PRIOR TO ISSUE 64D, OPTION WF WAS PART OF FIG. 236 AND WAS PROVIDED FOR THE GATE CONTROL CIRCUIT FOR ACD.

175. (A&M ONLY) WHEN AN OFFICE IS EQUIPPED WITH THE SEQUENTIAL GATE CONTROL CIRCUIT FOR ACD, OPTION WK MUST BE PROVIDED.

176. (A&M ONLY) REMOVE FIG. 228 AND PROVIDE ONE FIG. 420 PER TRUNK LINK FRAME WHEN ANY OF THE FOLLOWING CIRCUITS ARE FURNISHED:
   A. SERVICE ASSISTANCE POSITION TRUNK FOR AUTO. CALL DISTRIBUTION WITH CALL TRANSFER.
   B. POSITION TRUNK FOR AUTO. CALL DISTRIBUTION WITH CALL TRANSFER.
   C. OUTGOING TRUNK FOR AUTO. CALL DISTRIBUTION FOR USE TO AN INFORMATION BUREAU OR FOR USE TO A LOCAL CENTRAL OFFICE LINE CKT.
   D. OUTGOING TRUNK FOR AUTO. CALL DISTRIBUTION CLOSE DOWN SERVICE.
      1. PROVIDE OPTION WQ WHEN ANY OF THE FOLLOWING CIRCUITS ARE FURNISHED:
         A. SERVICE ASSISTANCE POSITION TRUNK CKT FOR AUTO. CALL DISTRIBUTION WITH CALL TRANSFER.
         B. POSITION TRUNK FOR AUTO. CALL DISTRIBUTION WITH CALL TRANSFER.

177. WHEN AN OFFICE IS EQUIPPED WITH MORE THAN 10 REMOTE SWITCH SIGNAL CONTROL CIRCUITS, OPTION WO, IF PROVIDED, MUST BE REMOVED AND REPLACED BY OPTION WP.

178. (MFR DISC) PRIOR TO ISSUE 67D, FIG. 353 APPEARED IN CKT NOTE 102 AND WAS PROVIDED FOR THE POSITION TRUNK GATE AND CONTROL CKT.

179. WHEN COMPLETING MARKERS ARRANGED FOR EXPANDED PERMANENT SIGNAL ROUTING WITH SIGNAL TEST ARE PROVIDED, OPTION WR, IF PROVIDED, MUST BE REMOVED AND REPLACED BY OPTION WS.

180. (MFR DISC.) PRIOR TO ISSUE 71D, FIG. 231 WAS FURNISHED TO PROVIDE AMA RECORD CONTROL FOR INFO (DIRECTORY ASSISTANCE) CALLS. IF CHARGING FOR DIRECTORY ASSISTANCE CALLS IS ADDED, FIG. 231, IF PROVIDED, MUST BE REMOVED.

181. WHEN OPTION VA IS PROVIDED, THE TVMBO,1 LEADS SHOULD BE CONNECTED TO THE TVMB- JACKS ASSOCIATED WITH:
   A. ANI TVO,1 IF ANI ONLY IS PROVIDED.
   B. ANI-LAMA TVO,1 IF ANI-LAMA IS PROVIDED.
   C. LAMA TVO,1 IF LAMA ONLY IS PROVIDED.

182. CONNECT LEADS 04-09, 14-19, TO CO-LOCATED JACK, LAMP & KEY CIRCUIT FOR ACD PH II WHEN THE SAME ALARM SENDING CIRCUIT IS SHARED.

183. *CANCELED ON ISSUE 83B.*

DRAWING ISSUE: 59D, 61D, 62A, 63A, 64D

DRAWING ISSUE: 94B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)

SD-25762-01-D13

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25762-01-D13

CIRCUIT NOTES: (CONT)

184. WHEN EADAS/NETWORK MANAGEMENT (FIG. 429) IS TO BE PROVIDED AND:

A. FIG. 23 IS FURNISHED, REMOVE OPTION VJ AND ADD OPTION VE AND FIG. 44.

B. FIG. 243 IS FURNISHED AND

1. IF FIG. 247 (AND OPTION XV) IS NOT PROVIDED, ADD OPTION VH.
2. IF FIG. 247 (AND OPTION XV) IS PROVIDED ADD OPTION VI.

C. FIG. 396 IS FURNISHED, REMOVE OPTION VD AND ADD OPTION VG, ALSO ADD FIG. 402 IF NOT ALREADY FURNISHED.

185. FIG. 430, IF NOT PROVIDED, MUST BE FURNISHED FOR:

A. IF BILLING DATA TRANSMITTER ALARM CONTROL FOR USE WITH ALARM SENDING (FIG. 431) IS PROVIDED.

B. NETWORK MANAGEMENT INTEGRITY FAILURE (FIG. 432) WITH ALARM SENDING OR INTERFACE AND CONTROL CKT.

186. PRIOR TO ISSUE 82A, NOTES 102(106,107) WERE SHOWN AS:

PAR	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	QUANTITY	
106	MARKER ROUTE TRANSFER CONTROLLED FROM LOCAL OR CENTRAL "AM" SWBD OR TRAFFIC COORDINATOR CONTROL (AUTO CALL DISTRIBUTION AND/OR EADAS/NM (SEE NOTE 184))	243		ONE PER RTE TO BE TR	SEE NOTE 137, 139, 140, 142, 158
	OFFICE ARRANGED FOR MORE THAN 8 COMPL MARKERS	247			
	DYNAMIC OVERLOAD CONTROL PROVIDED AND THE DYNAMIC OVERLOAD CONTROL CKT IS THE NO. 5 CSBR SYSTEM CKT	350		ONE PER CONT CKT	
107	MARKER ROUTE TRANSFER CONTROLLED FROM MASTER TEST FRAME AND/OR EADAS/NM (SEE NOTE 184)	243, 249		ONE PER RTE TO BE TR	SEE NOTE 137, 139, 141, 142, 146, 158
	OFFICE ARRANGED FOR MORE THAN 8 COMPL MARKERS	247			
	DYNAMIC OVERLOAD CONTROL PROVIDED AND THE DYNAMIC OVERLOAD CONTROL CKT IS THE NO. 5 CSBR SYSTEM CKT	350		ONE PER CONT CKT	

187. (A&M ONLY) FIG. 436 IS PROVIDED WHEN THE PHASE II ACD OFFICE IS ARRANGED WITH THE CODE 970 TEST LINE CIRCUIT. SINCE ISSUE 90B FIG. 436 IS PROVIDED FOR PHASE I EXTENDED RANGE.

188. WHEN TRUNK GROUP TRAFFIC SAMPLING (FIG. 240) IS FURNISHED, OPTION XO INSTEAD OF YN IS PROVIDED FOR A TEST LOCK-OUT.

189. TO PROVIDE THE CLRR GUARD LAMP, OPTION VT IS REMOVED AND REPLACED BY OPTION VU.

190. ON ISSUE 83B, THE PRESENT LIMITS OF 140- ORIGINATING REGISTERS, 10-ORIGINATING REGISTER MARKER CONNECTORS, 9-INCOMING REGISTER MARKER CONNECTORS AND 10-TRANSVERTER CONNECTORS ARE INCREASED TO 192-ORGINATING REGISTERS, 16-ORIGINATING REGSITER MARKER CONNECTORS, 12-INCOMING REGISTER MARKER CONNECTORS AND 15-TRANSVERTER CONNECTORS. THESE INCREASES ARE IN ACCORDANCE WITH RECOMMENDATIONS FOR BALANCING ALL COMPONENTS OF THE NO. 5 CROSSBAR 60 LINE LINK/30 TRUNK LINK SYSTEM.

191. I. WHEN NO. 5 ETS IS PROVIDED AND:

A. FIGURE 23 IS FURNISHED, OPTION VW MUST BE ADDED AND OPTION TD NEED NOT BE REMOVED.

B. FIGURE 44 IS FURNISHED, OPTION TE NEED NOT BE REMOVED.

C. FIGURE 243 IS FURNISHED, OPTION VX MUST BE ADDED AND OPTION TF NEED NOT BE PROVIDED NOR REMOVED.

D. FIGURE 398 IS FURNISHED, OPTION VY MUST BE ADDED AND OPTION TC NEED NOT BE PROVIDED NOR REMOVED.

E. FIGURE 177 IS FURNISHED, OPTION US MUST BE ADDED.

F. FIGURE 247 IS FURNISHED, OPTION TG NEED NOT BE PROVIDED NOR REMOVED.

G. APP FIGURES 399-401 NEED NOT BE PROVIDED.

II. WHEN NO. 5 ETS IS NOT PROVIDED, OPTIONS TC,TD,TE,TF,TG AND APP FIGURES 399-401 SHOULD BE PROVIDED IN ACCORDANCE WITH APPROPRIATE NOTES.

192. WHEN ALARM SENDING AND/OR INTERFACE AND CONTROL CKT PROVIDED:

A. WHEN ONLY ALARM SENDING IS FURNISHED, PROVIDE OPTION UA AND UF.

B. WHEN ONLY INTERFACE AND CONTROL CKT IS FURNISHED, PROVIDE OPTION UB.

C. WHEN THE OFFICE IS ARRANGED WITH ALARM SENDING AND THE INTERFACE AND CONTROL CKT FOR PARALLEL OPERATION:

1. APPLY NOTE 102(101).
2. REMOVE OPTIONS UA, UB, AND UN IF PROVIDED, AND ADD OPTION UC; REMOVE OPTION YX, IF PROVIDED, AND ADD OPTION YW; REMOVE OPTIONS YG OR YE, IF PROVIDED, OPTION UN MUST BE PROVIDED.
3. WHEN FIG. 226 IS PROVIDED, REMOVE OPTION UD AND ADD OPTION UE.

D. CONNECTIONS TO INTERFACE AND CONTROL CKT FOR CENTRALIZED STATUS ALARM AND CONTROL SYSTEM ARE RATED A&M ONLY. THESE CONNECTIONS CONSISTED OF OPTIONS WY,UB AND VZ. OPTIONS YI AND YW WERE ALSO FURNISHED.

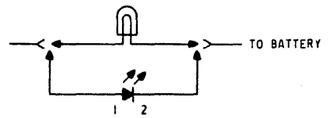
E. WHEN INTERFACE AND CONTROL CKT IS FURNISHED, ALONE OR FOR PARALLEL OPERATION, OPTION UG MUST REPLACE OPTION UF. OPTION UR SHOULD BE PROVIDED ONLY WHEN THE INTERFACE AND CONTROL CKT IS ARRANGED FOR ALARM RELEASE.

F. WHERE MAJOR AND MINOR OFFICE ALARMS ASSOCIATED WITH TROUBLE RECORDER REQUESTS ARE NOT TO BE FORWARDED TO THE REMOTE CONTROL CENTER, OPTION TH MUST BE REPLACED BY OPTION TI. APP FIG 162 AND ZN OPTION, ARE ALREADY FURNISHED WHEN THE INTERFACE AND CONTROL CIRCUIT IS PROVIDED.

G. OPTION TJ (IN APP FIG 428) NEED ONLY TO BE FURNISHED WHEN THE ASSOCIATED INTERFACE AND CONTROL CKT IS ARRANGED WITH ALARM RELEASE.

H. OPTION TK IS FURNISHED TO INDICATE BY A LIGHTED (AAL) LAMP, UNDER CONTROL OF THE TASC CENTER, WHEN AUDIBLE ALARM AND DISPLAY LAMPS ARE IN THE LOCAL MODE AND ALARM SURVEILLANCE IS IN THE REMOTE MODE.

193. WHERE SPECIFIED, MI AND 2Y LAMPS ARE REPLACED BY 522 TYPE LIGHT EMITTING DIODES (LED'S) AS FOLLOWS:



THE SCHEMATIC DRAWING IN THE FS SHOWS THE SYMBOL FOR THE INCANDESCENT LAMP ONLY.

194. OPTION UJ MUST BE REPLACED BY OPTION UK WHEN REMOTE TRANSFER IS PROVIDED WITH APP FIG 427 BEING FURNISHED.

195. OPTION XX MUST BE PROVIDED TO CANCEL THE TRANSFER START TIMING FUNCTION WHEN A PRETRANSLATOR CONNECTOR (OR) IS PLUGGED BUSY TO A PRETRANSLATOR FROM THE PRTCMB JACK. A SHORTING MAKE-BUSY PLUG (329A) MUST BE USED. THE CT LEAD IS MULTIPLED TO OTHER PRTCMB JACKS ASSOCIATED WITH THE SAME PRETRANSLATOR CONNECTOR CKT.

196. (MFR DISC) IN AN OFFICE WITH THE BILLING DATA TRANSMITTER AND THE INTERFACE AND CONTROL CKT (FIG 431 PROVIDED) AND A UNIQUE AND MAJOR ALARM INDICATION IS TO BE PROVIDED WITH TASC, OPTION UP MUST BE REPLACED BY OPTION UQ. IF THE UNIQUE AND MAJOR ALARM INDICATION IS NOT PROVIDED, FIG 430 AND OPTION UP ARE FURNISHED.

197. FIG 167 (NOTE 102,PARAGRAPH 51) IS PROVIDED IN THESE QUANTITIES:

FOR ALARM SENDING ALONE PROVIDE 1 PER ALARM SENDING CKT;
FOR CSACS PROVIDE 1 PER MASTER TEST FRAME;
FOR TASC PROVIDE 1 PER INTERFACE AND CONTROL CKT ARRANGED FOR ALARM RELEASE.

198. RATING OF LOW PRODUCTION EQUIPMENT CODES TO MFR DISC.: FIGURES PERTAINING TO AUTOVON-MULTILEVEL PREEMPTION AND WIDEBAND-BITSTREAM WERE SHOWN IN NOTE 102 PRIOR TO ISSUE 87B AND ARE NOW RATED MFR DISC.

PAR	FEATURE OR OPTION	PROVIDE FIG.	APP OR WRG	QUANTITY
70	WIDEBAND TRUNK TEST REGISTER MAKE-BUSY JACK AND TIME-OUT LAMP	199		ONE PER WB TRUNK TEST REGISTER
71	WIDEBAND TRUNK TEST REGISTER CKT PROVIDED		YO	SEE NOTE 127
87	IMMEDIATE PRE-EMPT AND ALARM CONTROL FOR COMPLETING MARKERS	218		ONE PER MASTER TEST FRAME AS REQUIRED
114	INCOMING AND OUTGOING TEST JACKS FOR WIDEBAND 2-WAY TRUNK CIRCUITS	391		ONE PER MKR GROUP
115	TERMINATING TEST LINE APPEARANCE FOR WIDEBAND	394		ONE PER MKR GROUP (SEE NOTE 153)
116	TESTBOARD SIMULATION FOR CODE 101 TEST TRUNK CIRCUITS FOR WIDEBAND SERVICE	395		ONE PER MKR GROUP (SEE NOTE 151)
118	CALLED CUSTOMER SIMULATION ON WIDEBAND AND BIT STREAM OPERATOR TRUNK TESTS	364		ONE PER MKR GROUP
119	WIDEBAND REMOTE SWITCH SIGNAL CONTROL CKT ALARM RELEASE KEY AND ALARM CUT-OFF KEY AND LAMP	365		ONE PER MKR GROUP
	ALARM SENDING AND INTERFACE AND CONTROL CKT NOT PROVIDED		Z	
120	WIDEBAND REMOTE SWITCH SIGNAL CONTROL CKT LEAD TRANSFER KEYS AND LAMPS	366		ONE PER RSSC CKT
122	MONITOR TEST GROUND SUPPLY FOR WIDEBAND AND BIT STREAM TRUNK AND LINE CIRCUITS	368		ONE PER MKR GROUP
130	ALARM RELEASE KEY FOR THE WIDEBAND CONTINUITY TEST CKT	376		ONE PER MKR GROUP
	ALARM SENDING AND INTERFACE AND CONTROL CKT NOT PROVIDED		Z	
134	MASTER TEST FRAME TEST LINE EXTENSION APPEARANCE FOR WIDEBAND	382		ONE PER TEST LINE EXTENSION (MAX 2)
135	WIDEBAND AUXILIARY TEST LOCATION TEST LINE EXTENSION APPEARANCE FOR WIDEBAND	383		ONE PER TEST LINE EXTENSION (MAX 2)
136	WIDEBAND AUXILIARY TEST LOCATION TEST TRUNK	384	WL	ONE PER MKR GROUP
137	CODE 101 TEST TRUNK CONTROL FOR THE WIDEBAND AUXILIARY TEST LOCATION	385		ONE PER FIG.395
139	VIDEO SUPERVISORY SIGNAL SUPPLY CONTROL FOR THE WIDEBAND TEST 2-WAY TRUNK	387		ONE PER MKR GROUP
141	TERMINATING TEST LINE APPEARANCES FOR PHASE III CENTREX WIDEBAND	388		ONE PER MKR GROUP
145	WIDEBAND TEST CONSOLE VIDEO APPEARANCE FOR PHASE III CENTREX WIDEBAND			ONE PER MKR GROUP
148	TEST LINE APPEARANCE FOR THE CVP2B TERMINAL USED FOR BIT STREAM SERVICE TESTING PROVIDED	410		ONE PER MKR GROUP
149	ORIGINATING TEST LINE APPEARANCE FOR WIDEBAND AND BIT STREAM	393		ONE PER MKR GROUP
	BIT STREAM PROVIDED		WH	
	BIT STREAM NOT PROVIDED		WG	
150	TEST JACKS FOR WIDEBAND AND BIT STREAM 2-WAY TEST TRUNKS	392		ONE PER MKR GROUP
151	BIT STREAM TRANSFER KEY FOR TESTING BIT STREAM OPERATOR TRUNKS PROVIDED	411		ONE PER MKR GROUP
152	WIDEBAND 101 TEST TRUNK AUDIO COMPENSATION AND BUILDOUT PROVIDED	412		ONE PER MKR GROUP
153	VIDEO CUT-THRU FOR THE WIDEBAND TEST TRUNK CKT	413		ONE PER MKR GROUP

199. APP FIG 350 IS SHOWN AS MFR DISC SINCE ISSUE 59D AS PART OF ISSUE 93B TO BRING THIS INFORMATION INTO AGREEMENT WITH W.E.CO. MFR DWGS. PRIOR TO ISSUE 93B, APP FIG 350 WAS LISTED UNDER NOTE 102 (106) FOR: DYNAMIC OVERLOAD CONTROL PROVIDED AND THE DYNAMIC OVERLOAD CONTROL CKT IS THE NO. 5 CSBR SYSTEM CKT. (QUANTITY ONE PER CONT CKT).

1100. WHEN RECORDERS ARE DISABLED BUT LEFT IN PLACE OR WHEN THE MASTER TIMING FUNCTIONS ARE NOT REQUIRED FOR AMA BUT ONLY FOR THE TROUBLE RECORDER, OPTION TL IS REPLACED BY OPTION TM. (SEE SD-25633-01)

ISSUE 97B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT

SD-25762-01-D14

BELL TELEPHONE LABORATORIES INCORPORATED

6S

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EQUIPMENT NOTES:

201. LAMPS PER FIG. 1,2 & 3 SHALL BE CABLED TO THEIR CONNECTING CIRCUITS AS FOLLOWS:

(MFR DISC)	FIG.	LAMP DESIG	CABLE OR LOOSE WIRE DESIG	CABLE OR LOOSE WIRE TERMINATES ON FRAME	
(SEE NOTE 213)	1	LLC	LW-Y	LINE LINK OR WIRE SPRING LINE LINK CONNECTOR	
		TLC	LW-Z	TRUNK LINK CONNECTOR OR WIRE SPRING NUMBER GROUP CONNECTOR	
		NGC	LW-AY	NUMBER GROUP	
		ORP	LW-AE	ORIGINATING REGISTER	
		IRP	LW-AX	INCOMING REGISTER	
		SC	LW-AJ	SENDER CONNECTOR	
		SC SP	LW-AK	SENDER	
		TVCSP	P	TRANSVERTER CONNECTOR	
		RSG	AN	PRETRANSLATOR FRAME 0	
		LLMC	LW-BW	LINE LINK FRAME	
		LLMC	LW-AW	LINE LINK MARKER CONNECTOR FRAME 5-9 (A&M ONLY)	
		TVC	LW-BC	TRANSVERTER CONNECTOR	
		LLMC	S	LINE LINK MARKER CONNECTOR FRAME 0-4 (A&M ONLY)	
		ORMC	T	ORIGINATING REGISTER MARKER CONNECTOR	
		IRMC	LW-BS	INCOMING REGISTER MARKER CONNECTOR	
	2	MTE	Z	MASTER TIMING	
		MTO			
		CMBE			
		CMBO			
		RIT			
		RW			
		RUT			
		SGB	QA	SENDER GROUP BUSY ALARM	
			AB	TRAFFIC REGISTER (MFR DISC)	
		IRGB	AB	TRAFFIC REGISTER	
		ORGB			
		CSGB			
		MCGA	AD	MARKER TRAFFIC CONTROL UNIT ON MISCELLANEOUS RELAY RACK	MFR DISC
		MCGB			
		TVCGA	AE	TRANSVERTER TRAFFIC CONTROL UNIT ON MISCELLANEOUS RELAY RACK	
		TVCGB			
		CSAB	AG	COIN SUPERVISORY RELEASE UNIT ON MISCELLANEOUS RELAY RACK (SEE NOTE 208)	
		CSCT			
		AMB,MBA	AH	ALL MARKER BUSY UNIT ON MISCELLANEOUS RELAY RACK	MFR DISC
		ERL	AZ	PUBLIC EMERGENCY REPORTING UNIT ON MISCELLANEOUS RELAY RACK	
		ATVB	AJ	ALL TRANSVERTER BUSY UNIT ON MISCELLANEOUS RELAY RACK	
		TVBA			
		ORST	LW-AV	ORIGINATING REGISTER GROUP BUSY UNIT ON MISCELLANEOUS RELAY RACK	
		IRST		INCOMING REGISTER GROUP BUSY UNIT ON MISCELLANEOUS RELAY RACK	
		PRTC	AN	PRETRANSLATOR FRAME 0	
			AP	PRETRANSLATOR FRAME 1	
		ANN TRK	AY	ANNOUNCEMENT TRUNK UNITS ON MISCELLANEOUS RELAY RACK	
		C-MCGA	AD	MASTER TRAFFIC CONTROL UNIT ON MISCELLANEOUS RELAY RACK FOR COMBINED OR COMPLETING MARKERS OR WIRE SPRING COMPLETING MARKERS	
		C-MCGB			
		D-MCGA	AD	MASTER TRAFFIC CONTROL UNIT ON MISCELLANEOUS RELAY RACK FOR DIAL TONE MARKERS	
		D-MCGB			
		C-AMB	AH	ALL MARKERS BUSY UNIT ON MISCELLANEOUS RELAY RACK FOR COMBINED OR COMPLETING MARKERS	
		C-MBA			
		D-AMB	AH	ALL MARKERS BUSY UNIT ON MISCELLANEOUS RELAY RACK FOR DIAL TONE MARKERS	
		D-MBA			
	3	TLMB	LW-AB	TRUNK LINK (TLFRO ONLY)	
		MFG	J	MARKER	
		TVFG	LW-BM	TRANSVERTER OR TRANSLATOR ACCESS	
		MTFG	Z	MASTER TIMING	
		IG	LW-AP	OFFICE INTERRUPTER (OIFRO ONLY)	MFR DISC
		PRTFG	AN	PRETRANSLATOR FRAME 0	
			AP	PRETRANSLATOR FRAME 1	
		FAT-FG	BA	FUSE ALARM TRANSLATOR FRAME	
		FATC-FG	LW-CD	FUSE ALARM TRANSLATOR CONNECTOR FRAME	

202. LAMP BATTERY SUPPLY LEADS PER FIG. 37 SHALL BE FUSED AS FOLLOWS:

(MFR DISC)	FUSE DESIG	FUSE CONN TO		FOR FUSING LAMPS DESIGNATED	IN FIG.
(SEE NOTES 209 (MFR DISC) AND 212)	A0	2T	(BAT) REL	(LLC 0,0-4,3)	1
	A1	4T		(LLC 5,0-9,3)	
	A2	6T		(NGC 0-19)	
	A3	8T		(TLC 0-19)	
	A4	10T		(SCO, A-3,B) & (SCSP 0-14)	
	A5	12T		(IRP 0-17)	
	A6	2B		(ORP 0-13)	
	A7	4B		(TVC SP 0-4)	
		6B			
	A8	(RSGPO) LAMP		(RSGP 0-19)	48
	A9	8B	(BAT) REL	(RSG 0-2)	1
	A10	10B		(NGC 20-39)	1
	A11	12B		SPARE	
	A12	2T	(UNO) REL	(DL) FOR RCDR 0-9 & EMERGENCY TRANSVERTERS 0-4, MTE & MTO	2
	A13	4T		(TRR)	40
				(DL) FOR M 0-11,AM,& PRTO-2	2
	A14	6T		(TO) FOR SENDER 0,0-3,4	19 & 38
	A15	8T		(TO) FOR SENDER 4,0-7,4	
	A16	10T		(AN TRK 0-19)	2
	A17	12T		(TO) FOR SENDER 12,0-15,4	19 & 38
	A18	2B		(TO) FOR OR 0,0-3,4	10
	A19	4B		(TO) FOR OR 4,0-7,4	
	A20	6B		(TO) FOR OR 8,0-11,4	
	A21	8B		(TO) FOR OR 12,0-15,4	
	A22	10B		(TO) FOR OR 16,0-19,4	
	A23	12B		(TO) FOR OR 20,0-23,4 OR SORS 8,0-11,4	19 & 38
	A24	2T	(UNI) REL	(TO) FOR IR 0,0-3,4	11
	A25	4T		(TO) FOR IR 4,0-7,4	
	A26	6T		(TO) FOR IR 8,0-11,4	
	A27	8T		(TO) FOR IR 12,0-15,4	
	A28	10T		(TO) FOR IR 16,0-19,4	
	A29	12T		(TO) FOR SENDER 16,0-19,4	19 & 38
	A30	2B		(PS) FOR OT 0-19	12
	A31	4B		(PS) FOR OT 20-39	
	A32	6B		(PS) FOR OT 40-59	
	A33	8B		(PS) FOR OT 60-79	
	A34	10B		(PS) FOR OT 80-99	
	A35	12B		(PRT 0-2)	45
				(SGO, 0-2,2)	47
				(FAT A0,B0,A1,B1)	161
	A36	2T	(UN2) REL	(L) FOR PU 60-79	16
	A37	4T		(B) FOR PU 60-79	
	A38	(C10) LAMP		PSH 10-29	13
	A39	(C30) LAMP		PSH 30-49	
	A40	6T	(UN2) REL	(L) FOR PU 80-99	16
	A41	8T		(B) FOR PU 80-99	
	A42	10T	(UN2) REL	(TO) FOR IR20,0-23,4	11
	A43	12T		(TO) FOR IR24,0-27,4	11
	A44	6B		(MTCA C,D)(MTCB C,D)(TVTC A,B)(PSA)	20,165
				(ACV) M OPTION & (NPS)	34 & 43
	A45	8B		(MCGA C,D)(MCGB C,D)(AMBC,D) (MBA C,D)(CSAB,CT)(PRTC 0-2)(ERL)	2
				(R-S-TOA)	32
				(ACV) M OPTION & (PUA)	34 & 41
				(PSC 0-3) M OPTION	29
	A46	10B		(IRST 0-14) (ORST DP) (ORST MF) (CSGB0-2)	2
	A47	12B		(IRGB C-9)(ORB DP)(ORB MF) & (SGB 0-5)	2
	A48	2T		(PSC) N OPTION	29
				(M 0-11)	8
				(RT 0-4)	23
	A49	4T		(TRMC 0,0-1,3)	2
				(LTD 1-5) (SEE NOTE 206)	15
	A50	6T		(ORMC 0,0-2,3) & (SGB 6-9)	2
	A51	8T		(LLMC 0,0-2,3) OR (LLMC 0,0-1,3)	
	A52	10T		(LLMC 2,4-4,7) OR (LLMC 1,4-2,7)	
	A53	12T	(UN3) REL	(MTE),(MTO) & (IRGB 10-14) (TVCGA),(TVCGB),(ATVB), (TVBA) & (PCNV)	2 & 159
	A54	2B		(R) FOR EMER & 0-9 RCDR	28
	A55	4B		(TRNSL 0-19) ZH OPTION,(AMAT 0-19 ZI OPTION	30
	A56	6B		(TRNSL 20-31)ZH OPTION,(AMAT 20-30 ZI OPTION	30
				(TV 0-4)	27
	A57	8B		(TVC 0,0-3,2)	2
	A58	10B		SPARE	
	A59	(FAT FGO)LAMP		(FAT FGO,1),(FATC FGO-3)	3
	A60	(CCT) LAMP		(MFG 0-11)(TLMB)(IG)(MTFG) (TVFGO-4) & (PRTFGO-1)	3
				(CCT)(CGT PBX) & (CGT-N-PBX)	21
	A61	(CMBE) LAMP		(CMBE)(CMBO)(RIT)(RW)(RUT)	3

203. GRD DESIGNATED G OR X OR C SHALL BE CONNECTED TO JACKS IN ACCORDANCE WITH THE FOLLOWING:

GRD DESIG	CONNECTS TO JACKS DESIG		FIG.
C7X	(SCMBO,0-1,3) FOR COMP MKR 0-7	SEE NOTE 223	9
C8X	(TVCMB 0-9) FOR TV 0-9		
C10X	(1ST 20 IRMB)(3RD 20 IRMB) (5TH 20 IRMB)(7TH 20 IRMB)	SEE NOTE 226	11
C11X	(2ND 20 IRMB)(4TH 20 IRMB) (6TH 20 IRMB)(8TH 20 IRMB)		
G0	(LLMCMB0,0-4,3) FOR MKR 0,1,2,3	MFR DISC	9
G1	(LLMCMB 0,0-4,3) FOR MKR 4,5,6,7		
G2	(LLMCMB 0,0-4,3) FOR MKR 8,9,10,11		
G12	(LLMCMB 5,0-9,3) FOR MKR 8,9,10,11		
G3	(LLMCMB 5,0-9,3) FOR MKR 0,1,2,3		
G4	(LLMCMB 5,0-9,3) FOR MKR 4,5,6,7		
G5	(ORMCMB 0,0-2,3) & (SCMB 0,A-2,B) FOR MKR 0,1,2,3		
G6	(ORMCMB 0,0-2,3) & (SCMB 0,A-2,B) FOR MKR 4,5,6,7		
G7	(ORMCMB 0,0-2,3) & (SCMB 0,A-2,B) FOR MKR 8,9,10,11		
G13	(IRMCMB 0,0-1,1) FOR MKR 8,9,10,11, (PRTCMB 0-2) FOR PRETRANSLATOR 0-2		
G8	(IRMCMB 0,0-1,1) & (TVCMB 0,0-3,2) FOR MKR & TV 0,1,2,3		
G9	(IRMCMB 0,0-1,1) FOR MKR 4,5,6,7 & (TVCMB 00-32) FOR TV4		
G10	(1RMB 0,0-3,4)(1RMB 8,0-11,4) (1RMB 20,0-23,4) (1RMB 24,0-27,4)	A&M ONLY	11
G11	(1RMB 4,0-7,4)(1RMB 12,0-15,4)(1RMB 16 0-19,4)		
X0	(SCMB 0,A-3,B) FOR MKR 0-11		9
X1	(PRTCMB 0-2) FOR PRETRANSLATOR 0-2 (TVCMB0,0-3,2) FOR TV0-4		
G10	(1ST 20 IRMB)(3RD 20 IRMB) (5TH 20 IRMB)(7TH 20 IRMB)	SEE NOTE 226	11
G11	(2ND 20 IRMB)(4TH 20 IRMB) (6TH 20 IRMB)(8TH 20 IRMB)		
X0	(SCMB0,0-1,3) FOR COMPL MKR 0-7	SEE NOTE 223	9
X1	(PRTCMB0-2) FOR PRETRANSLATOR 0-2 (TVCMB0-9) FOR TV0-9	SEE NOTE 223	

* THIS GROUND IS OBTAINED ON THE MASTER TEST FR RECORDER BAY.

204. THE MB,PB, AND TB -48V SUPPLIES SHALL BE FUSED AT THE POWER, RINGING, TONE, AND DISTRIBUTING FR. PRIOR TO ISSUE 15-D THEY WERE FUSED AT THE MASTER TEST CONTROL BAY.

205. ASSIGN T GRD IN ACCORDANCE WITH THE FOLLOWING TABLE:

GRD DESIG	APPARATUS	FIG.
T0	PST 10-29	13
T1	PST 30-49	13
T2	PSTH 00-19	183
T3	SH 00-19	183
T4	PSTH 20-39	183
T5	SH 20-39	183
T6	PSTH 40-59	183
T7	SH 40-59	183
T8	PSTO 00-19	182
T9	PSTO 20-39	182
T10	PSTO 40-59	182
T11	PSTO 60-79	182
T12	PSTO 80-99	182

BOTH ENDS OF THE GROUND MULT ON A KEY STRIP SHALL BE CONNECTED BY INDIVIDUAL LEADS TO THE ASSOCIATED GROUND TERMINAL ON THE FR FUSE PANEL.

206. FUSE DESIGNATED A49 SHALL ALSO BE CONNECTED TO THE MULTIPLE APPEARANCES OF THE LOCAL TEST DESK TEST TRK LAMPS (LTD1-5) ON THE OGT TEST FR.

207. (MFR DISC) SEE NOTE 219 — WHEN TWO MARKER GROUPS ARE SERVED BY THE SAME ALARM SENDING CKT, LEADS LK2, TR1 OR A1, TR2 OR A0, LK AND LK1 OF FIG. 90, AR2 OF FIG. 68, AND L OR C5 OF FIG. 52 SHALL BE MULTIPLED AT THE ALARM SENDING UNIT ON MISC REL RK (MFR DISC) SEE NOTE 219.

208. (MFR DISC) SEE NOTE 211 — WHERE THE COIN SUPERVISORY RELEASE CKT IS USED IN COMMON WITH TWO MARKER GROUPS, LEADS LPCB AND LPCC OF FIG. 51, MN1 OF FIG. 54, LA AND AR OF FIG. 68, MN OF FIG. 72, AND MN OF FIG. 90 SHALL BE FURNISHED IN THE FIRST OR IN THE SECOND MASTER TEST FR JACK BAY ONLY.

209. LAMP BATTERY SUPPLY LEADS PER FIG. 37 SHALL BE FUSED AS FOLLOWS:

(MFR DISC)	FUSE DESIG	FUSE CONN TO		FOR FUSING LAMPS DESIG	FIG.
SEE NOTES 202 (MFR DISC) AND 212	A0	2T	(BAT) REL	(LLC0,0-4,3)	1
	A1	4T		(LLC5,0-9,3)	
	A2	6T		(NGC 0-19)	
	A3	8T		(TLC 0-19)	
	A4	10T		(SCO,A-3B)(RSG 0-2)(TVCSP 0-4)	
	A5	12T		(IRP 0-19)	
	A6	2B		(ORP 0-19)	
	A7	4B		(SCSP 0-19)	
	A8	6B		SPARE	
	A9	8B		SPARE	
	A10	10B		(NGC 20-39)	
	A11	12B		SPARE	
	A12	2T		(DL) FOR (RCDRS 0-9) & (EMG),(TV 0-4) (MTE),(MTO)	2
				(TRR)	40
	A13	4T	(UNO) REL	(DL) FOR (M 0-11),(AM),(PRT 0-2)	2
	A14	6T		(LLMCO,0-2,3) OR (LLMCO,0-1,3)	
	A15	8T		(LLMC2,4-4,7) OR (LLMC1,4-2,7)	
	A16	10T		(IRGB 0-19)	
	A17	12T		(IRST 0-19)	
	A18	2B		(ORMCO,0-2,3) (IRMCO,0-1,3)	
	A19	4B		(SGB 0-9)	
	A20	6B		(CSAB,CT)(CSGB 0-2)(ORBOP,MF) (ORST DP,MF)(AMBC,D)(MBAC,D)(ERL)	
				(ACV)	34
	A21	8B		(MCGA C,D)(MCGB C,D)(PRTC 0-2)	2
				(RSTOA)	32
				(PUA)	41
	A22	10B		(MTE)(MTO)(ATVB)(TVBA)	2
	A23	12B		(PCNV)	159
				(TVCO,0-3,2)(TVC GA,GB)	2
	A24	2T	(UNI) REL	(TV 0-4)	27
	A25	4T		(AMAT 20-31)	30
	A26	6T		(AMAT 0-19)	
	A27	8T		(R 0-9)(EM)	28
				(M 0-11)	8
				(RT 0-4)	23
	A28	10T		(PSC 0-3)	29
				(PRT 0-2)	45
				(BSRO,0-2,2)	47
				(FATA,0-6,1)	161
	A29	12T		(MTCA C,D)(MTCB C,D)(TVTC A,B)	20
				(PSA)	165
	A30	2B		(AN TRK 0-19)	2
	A31	4B		(TO) FOR OR 0,0-3,4	10
	A32	6B		(TO) FOR OR 4,0-7,4	
	A33	8B		(TO) FOR OR 8,0-11,4	
	A34	10B		(TO) FOR OR 12,0-15,4	
	A35	12B		(TO) FOR OR 16,0-19,4	
	A36	2T	(UN2) REL	(TO) FOR IR 0,0-3,4	11
	A37	4T		(TO) FOR IR 4,0-7,4	
	A38	6T		(TO) FOR IR 8,0-11,4	
	A39	8T		(TO) FOR IR 12,0-15,4	
	A40	10T		(TO) FOR IR 16,0-19,4	
	A41	12T		(TO) FOR IR 20,0-23,4	
	A42	2B		(TO) FOR IR 24,0-27,4	
	A43	4B		(PS) FOR OT 0-19	12
	A44	6B		(PS) FOR OT 20-39	
	A45	8B		(PS) FOR OT 40-59	
	A46	10B		(PS) FOR OT 60-79	
	A47	12B		(PS) FOR OT 80-99	
	A48	2T		SPARE	
	A49	4T		(LTD 1-5) (SEE NOTE 206)	15
	A50	6T		(L) FOR PU 60-79	16
	A51	8T		(B) FOR PU 60-79	
	A52	10T		(L) FOR PU 80-99	
	A53	12T	(UN3) REL	(B) FOR PU 80-99	
	A54	2B		(TO) FOR SDR 0,0-3,4	38
	A55	4B		(TO) FOR SDR 4,0-7,4	
	A56	6B		(TO) FOR SDR 8,0-11,4	
	A57	8B		(TO) FOR SDR 12,0-15,4	
	A58	10B		(TO) FOR SDR 16,0-19,4	
	A59	12B		SPARE	
	A60	(MFO)LAMP		(MF) 0-11)	
	A61	(FAT FGO) LAMP		(FAT FGO,1) (FATC FGO-3) (MTFG) (TVFGO-4)(TLMB)(PRTGO,1)	3
	A62	(CCT) LAMP		(CMBE)(CMBO)(RIT)(RW)(RUT)	
				(CCT)(CLPT)(CGT)	21
				(NPS)	43
	A63	(C10)LP		(PSH 10-29)	13
	A64	(C30)LP		(PSH 30-49)	
	A65	(RSGLO)LP		(RSGP 0-19)	48
	A66	P		SPARE	

DRAWING ISSUE: 500 LT ASSL, 590, 610

ISSUE 90B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)

SD-25762-01-D16

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25762-01-D16

EQUIPMENT NOTES:

210. WHEN REMOTE CONTROL OF TROUBLE RECORDER REQUEST ALARM FOR A PARTICULAR TYPE OF CIRCUIT IS REQUIRED, CROSS-CONNECT THE CORRESPONDINGLY DESIGNATED (RC-AR-) JACK TO THE (SP) JACK MULTIPLE OF THE AISLE OR AISLES IN WHICH THAT TYPE OF CIRCUIT IS LOCATED. WHERE MORE THAN ONE TYPE OF CIRCUIT REQUIRING REMOTE CONTROL OF THE TROUBLE RECORDER REQUEST ALARM IS LOCATED IN THE SAME AISLE, CROSS CONNECT THE (RC-AR-) JACKS ASSOCIATED WITH EACH TYPE OF CIRCUIT TO THE (SP) JACK MULTIPLE OF THE AISLE OR AISLES IN WHICH THE SEVERAL TYPES OF CIRCUITS ARE LOCATED.

211. WHERE PRETRANSLATORS, PRETRANSLATOR CONNECTORS, FOREIGN AREA TRANSLATORS OR THE COIN SUPERVISORY RELEASE CIRCUIT ARE USED IN COMMON WITH TWO MARKER GROUPS, THE FOLLOWING LEADS SHALL BE FURNISHED AND CONNECTED IN THE FIRST OR IN THE SECOND MASTER TEST FRAME ONLY.

LEAD DESIG	CROSS CONN FIG.	CONN TO	M.T.F. BAY
RSG,C,FG	51		
MJ1	53		
CB	56		
LCA	63		JACK
MN,MJ,DLB	72	PTR OR PTR CONN	
MB,PBL	86		
SGR,SGL	88		
MN,MJ,DLB	90		
DL	51		CONT
TRBI-PRTO-2	96		CONT
FATMB,FATBL	100	F.A.T.	
LPCB,LPCC	53		
MN1	54		
LA,AR	68	CSR CKT	JACK
MN	72		
MN	90		

212. (MFR DISC) LAMP BATTERY SUPPLY LEADS PER FIG. 37 SHALL BE FUSED AND MULTIPLED AS FOLLOWS:

SEE NOTE 218

FUSE DESIG	FUSE CONN TO		FOR LAMPS DESIGNATED	FIG.
A0	2T	(BAT.) REL	(LLCO,0-11,4)	1
A1	4T		(TLCO-29)	
A2	6T		(NGCO-39)	
A3	8T		SPARE	
A4	10T		(RSG 0-2) (SCO,0-1,3)	
A5	12T		SPARE	
A6	2B		(IRPO-19) (ORPO-19)	
A7	4B		(SCSPO-19)	
A8	6B		(TVCSPO-19)	
A9	8B		SPARE	
A10	10B		SPARE	
A11	12B		SPARE	
A12	2T	(UNO) REL	(DL) FOR RECORDER 0-19	2
A13	4T		(DL) FOR MO-11,AM,PRTO-2	
			(TRR)	40
A14	6T		(DL) FOR TVO-9,EMP,MTE,MTO	2
A15	8T		(LLMC 0,0-0,19) (1,0-1,9)	
A16	10T		(LLMC 1, 10-1,19) (2,0-2,19)	
A17	12T		(SGBO-11)	
A18	2B		(IRGBO-19)	
A19	4B		(IRST 0-19)	
A20	6B		(ORMC-0,0-3,0)(1,0-3,1)(2,0-2,2) (IRMC-0,0-2,0)	
A21	6B		(CSAB,CT) (CSGBO-2) (ORSDP,MF) (ORST DP,MF) (AMB,C,D) (MBAC,D) (ERL)	
			(ACV)	34
A22	10B		(MCGA C,D) (MCGB C,D) (PRTCO-2)	2
			(ROSTA)	32
			(PUB)	41
A23	12B		(TVCGA,B) (TVCGB,B)	2
			(PCHV1,2)	154
A24	2T	(UN1) REL	(AMAT 0-47)	30
A25	4T		(MTCAC,D) (MTCBC,D) (TVTCA,B)	20
			(PSA)	165
			(CMS-TBL)-FIG.176; (PPCS-TBL)-FIG. 180	
A26	6T		(MO-11)	8
			(RTO-4)	23
A27	8T		(TVO-9)	27
			(NMO-1)	173
A28	10T		(RO-19) (EMG)	28
A29	12T		(AN TRKO-19)	2
A30	2B		(FATA,0-8,1)	161
			(PSCO-3)	29
			(BSRO,0-2,2)	47
			(PRT 0-2)	45
A31	4B		(MTE) (MTO) (ATVB) (TVBA) (ACTBA) (CTVBA)	2
A32	6B		(TO) FOR OR 0,0-4,7	10
A33	8B		(TO) FOR OR 5,0-9,7	
A34	10B		(TO) FOR OR 10,0-14,7	
A35	12B		(TO) FOR OR 15,0-17,3	
A36	2T	(UN2) REL	(TO) FOR IR 1ST FORTY	11
A37	4T		(TO) FOR IR 2ND FORTY	
A38	6T		(TO) FOR IR 3RD FORTY	
A39	8T		(TO) FOR IR LAST THIRTY	
A40	10T		(L) FOR PU 60-79	16
A41	12T		(B) FOR PU 60-79	
A42	2B		(L) FOR PU 80-99	
A43	4B		(B) FOR PU 80-99	
A44	6B		(PS) FOR OT 0-19	12
A45	8B		(PS) FOR OT 20-39	
A46	10B		(PS) FOR OT 40-59	
A47	12B		(PS) FOR OT 60-79	
A48	2T	(UN3) REL	(PS) FOR OT 80-99	38
A49	4T		(LTO 1-5) (SEE NOTE 206)	15
A50	6T		SPARE	
A51	8T		SPARE	
A52	10T		(TO) FOR SENDERS 1ST TWENTY	
A53	12T		(TO) FOR SENDERS 2ND TWENTY	
A54	2B		(TO) FOR SENDERS 3RD TWENTY	
A55	4B		(TO) FOR SENDERS 4TH TWENTY	
A56	6B		(TO) FOR SENDERS 5TH TWENTY	
A57	8B		(TO) FOR 6TH TWENTY SENDERS	
A58	10B		SPARE	
A59	12B		SPARE	
A60	(DTMFGO)LAMP		(DTMFGO-3) (CMFGO-7) (BIFGO-1) (NMFG)	3
A61	(FATFGO)LAMP		(FATFGO,1) (FATCFGO-3) (MFTG) (TVFGO-9) (TLMB) (PRTFGO,1)	
A62	(CCT) LAMP		(CMBE) (CMBO) (RIT) (RW) (RUT)	
			(CCT) (CLPT) (CGT)	21
			(NPS)	43
			(CMS) FIG. 176 (PPCS-SUS) FIG. 180	
			(CANIT)	177
A63	(C10) LAMP		(PSH10-29)	13
A64	(C30) LAMP		(PSH 30-49)	
A65	(RSGPO)LAMP		(RSGO-23)	48
A66			SPARE	

213. LAMPS PER FIG. 1, 2 & 3 SHALL BE CABLED TO THEIR CONNECTING CIRCUITS AS FOLLOWS: NUMBERS IN ( ) ARE USED FOR IDENTIFYING CABLES ORIGINATING AT EQUIPMENT WHICH HAS NOT BEEN ASSIGNED AN IDENTIFYING LETTER DESIGNATION.

FIG.	LAMP DESIG	CABLE OR LOOSE WIRE DESIG	TERMINATES ON FRAME	U&Y REL	WS REL
1	LLC	XA4	LINE LINK	✓	
		XA3	CONNECTOR		✓
	TLC	N21	TRUNK LINK	✓	
		YW4	CONNECTOR		✓
	NGC	W5	NUMBER GROUP CONNECTOR	✓	✓
	IRP	(1)	INCOMING REGISTER	✓	✓
	SC	(20)	OUTSENDER CONNECTOR	✓	✓
	TVCSP	(18)	TRANSVERTER CONNECTOR		
	RSG	(27)	PRETRANSLATOR FRAME 0		
	SCSP	(4)	SENDER	✓	✓
	TVCSP		CAMA SENDER		✓
	ORP	G30 G33	ORIGINATING REGISTER	✓	✓
	CCP		CONFERENCE CONTROLLER		✓
2	LLMC	A20 A8	LINE LINK FRAME	✓	✓
	TVC	(19)	TRANSVERTER CONNECTOR		
	ORMC	P6	ORIGINATING REGISTER MARKER	✓	
		P17	CONNECTOR		✓
	IRMC	(17)	INCOMING REGISTER MARKER	✓	
		Q11	CONNECTOR		✓
	MTE	YE	MASTER TIMING		
	MTO				
	SGB	(53)	SENDER GROUP BUSY ALARM		
	IRGB ORGB CSGB	(55)	TRAFFIC REGISTER		
	TVCGA TVCGB	(54)	TRANSVERTER TRUNK CONTROLLER OR TO MASTER TRUNK CONTROLLER FOR TRANSVERTER CONNECTOR		
	CSAB CSCT	(40)	COIN SUPERVISORY RELEASE		
	ERL	(52)	PUBLIC EMERGENCY REPAIR SERVICE		
	ATVB TVBA	(35)	ALL TRANSVERTERS BUSY		
	ORST	(47)	OR GROUP BUSY		
	IRST	(42)	IR GROUP BUSY		
	PRTC	(27)	PRETRANSLATOR FRAME 0		
		(28)	PRETRANSLATOR FRAME 1		
	AN TRK	(39)	ANNOUNCEMENT TRUNK UNITS		
	C-MCGA C-MCGB	(46)	MASTER TRAFFIC CONT (COMPL & COMB. MARKERS)		
	D-MCGA D-MCGD	(45)	MASTER TRAFFIC CONT (DIAL TONE MARKERS)		
	C-AMB L-MBA L-AMB D-MBA	(34)	ALL MARKERS BUSY		
	ACTVB CTVBA		ALL CTV BUSY		
	CT/C		CAMA TRANSVERTER CONN		✓
	CCTA		CONFERENCE CONTROLLER		✓
	CCSA MB		TWO WAY TRK FOR OFF-NET ACCESS SERVICE IN CCSA OR ATTENDANT TRK FOR REMOTE ATTENDANT (FOR USE IN CCSA WITH OFF-NET ACCESS) ON REL RK FR (VIA HMDF) SEE CROSS CONN FIG. 272		✓
	PS		TWO WAY TRK FOR OFF-NET ACCESS SERVICE IN CCSA OR TWO WAY LINE CKT,LLP, FOR WIDEBAND SERVICE ON REL RK FR (VIA HMDF) SEE CROSS CONN FIG. 272		✓
	WBCT		MARKER WIDEBAND FR		✓
	CALMB		ATTENDANT LINE CKT OR LINE CKT, LLP FOR CENTRALIZED ATTENDANT OPERATION (VIA HMDF) (SEE CROSS CONN FIG. 272)		✓
	CAT-MB		ATTENDANT OUTGOING TRK DIAL ZERO CALLS FOR CENTRALIZED ATTENDANT OPERATION (VIA HMDF) (SEE CROSS CONN FIG. 272)		✓
3	CMBE CMBO RIT RW RUT MTFG	YE	MASTER TIMING		

213. (CONT)

FIG.	LAMP DESIG	CABLE OR LOOSE WIRE DESIG	TERMINATES ON FRAME	U&Y REL	WS REL
3	TLMB	N6	TRUNK LINK FRAME 0 ONLY	✓	✓
	MFG	(11)	COMB. OR COMPL MARKER	✓	✓
		K12	DIAL TONE MARKER		✓
	PRT FG	(27)	PRETRANSLATOR FRAME 0		
		(28)	PRETRANSLATOR FRAME 1		
	FATCFG	YM10	FA TRNSL CONN FR G-0		
		YM11	FA TRNSL CONN FR G-100		
	FATCFG	YN3	FA TRNSL FRAME		
	CTVFG		CTV		✓
	BIFG		BI		✓
	NMFG		LINE OBS NM FRAME		✓
	M-CAMA FG		MARKER CAMA FRAME	✓	

214. THE DL LEADS OF FIG. 51,127,274 & THE MN, MJ LEADS OF FIG. 90 (MFR DISC.) OR FIG. 134 SHALL BE CABLED AS FOLLOWS:

NUMBER OF TRANSVERTERS		CABLE TO TRANSVERTERS OR TRANSLATOR ACCESS FROM TERMINALS ON (B) TERMINAL STRIP			
AMA	CAMA	42,55,75	43,57,77	44,59,79	46,61,81
6	4	CTVO	CTV1	CTV2	CTV3
7	3	TV6	CTVO	CTV1	CTV2
8	2	TV6	TV7	CTVO	CTV1
9	-	TV6	TV7	TV8	-
10	-	TV6	TV7	TV8	TV9

215. (MFR DISC.) THE TRBI-TV6 TO TRBI-TV9 LEADS OF FIG. 96 SHALL BE CONNECTED TO PUNCHINGS 15,25,35 AND 45 OF THE (F) TERMINAL STRIP IN ACCORDANCE WITH THE TV6-9 OR CTVO-3 TRANSVERTERS WITH WHICH THEY ARE ASSOCIATED VIA THE MASTER TEST CONNECTOR FRAME AS FOLLOWS:

NUMBER OF TRANSVERTERS		DESIGNATION OF TRANSVERTERS TO BE ASSOCIATED WITH PUNCHINGS			
AMA	CAMA	15	25	35	45
6	4	CTVO	CTV1	CTV2	CTV3
7	3	TV6	CTVO	CTV1	CTV2
8	2	TV6	TV7	CTVO	CTV1
9	-	TV6	TV7	TV8	-
10	-	TV6	TV7	TV8	TV9

216. THE TRBI-TVO TO TRBI-TV9 LEADS OF FIG. 114 SHALL BE CONNECTED TO PUNCHINGS 11 TO 15 (E) TERMINAL STRIP AND PUNCHINGS 5,15,25,35 AND 45 (F) TERMINAL STRIP IN ACCORDANCE WITH THE TVO-9 OR CTVO-3 TRANSVERTERS WITH WHICH THEY ARE ASSOCIATED VIA THE MASTER TEST CONNECTOR FRAME AS FOLLOWS:

(A) THE TRBI-LEADS ASSOCIATED WITH TVO-4 TRANSVERTERS SHALL BE CONNECTED TO PUNCHINGS 11-15 RESPECTIVELY (E) TERMINAL STRIP.

(B) THE TRBI-LEAD ASSOCIATED WITH TV5 TRANSVERTER SHALL BE CONNECTED TO PUNCHING 5 (F) TERMINAL STRIP.

(C) THE TRBI-LEAD ASSOCIATED WITH TV6 TO 9 OR CTVO TO 3 TRANSVERTERS SHALL BE CONNECTED AS FOLLOWS:

NUMBER OF TRANSVERTERS		DESIGNATIONS OF TRANSVERTERS TO BE ASSOCIATED WITH PUNCHINGS			
AMA	CAMA	15	25	35	45
6	4	CTVO	CTV1	CTV2	CTV3
7	3	TV6	CTVO	CTV1	CTV2
8	2	TV6	TV7	CTVO	CTV1
9	-	TV6	TV7	TV8	-
10	-	TV6	TV7	TV8	TV9

217. DESIGNATIONS OF THE LAMPS, JACKS, KEYS, AND LEADS ASSOCIATED WITH TRANSVERTERS OR TRANSVERTER CONNECTORS SHALL BE THE SAME FOR AMA AND FOR ANI OR PCTV OR TRANSLATOR ACCESS EQUIPMENT.

DRAWING ISSUE
50D LT HVG
55A
61D

ISSUE 90B

MASTER TEST FRAME JACK, LAMP, AND KEY CIRCUIT (2) SD-25762-01-D17

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25762-01-D17

EQUIPMENT NOTES:

218. LAMP BATTERY SUPPLY LEADS PER FIG. 37 SHALL BE FUSED AND MULTIPLED IN ACCORDANCE WITH THE FOLLOWING TABLE. WHERE THE ARRANGEMENT FOR 4-WIRE IS IDENTICAL TO 2-WIRE NO ADDITIONAL INFORMATION IS REQUIRED IN THE COLUMN FOR 4-WIRE.

FUSE DESIG	FUSE CONN TO		FOR LAMPS DESIGNATED 2-WIRE	FOR LAMPS DESIGNATED 4-WIRE	FIG.
A0	2T	(BAT) REL	(LLC00-59)	(LLC00-39)	1
A1	4T		(TLC00-29)	(TLC00-19)	
A2	6T		(NGC00-39)		
A3	8T		SPARE		
A4	10T		(RSG0-2),BSRSG0(0-2),BSRSG1(0-2),& BSRSG2(0-2) FOR IR PRT CONN,(RSG0-2),(SC0,0-1,3)		1,47
A5	12T		SPARE		1
A6	2B		(CCP0-19),(IRP0-14),(ORP0-19),(DRP-)		
A7	4B		(SC SP00-19)		
A8	6B		(TVC SP00-19)		
A9	8B		(TLLC0-3),(TRP0-14),(TTLC0-3)		
A10	10B		SPARE		
	12B				
A11	8T	(UN3A) REL	(ACG),(ACTA),(ACTB),(MTRC),(OSA),(OSB),(RRC CHMB0-2),(RRC FG),(RTCX),(RTX00-11),(SALM),(SBYA),(SBYB),(TBLA),(TBLB),(TSMB)		2,3, 396,400
A12	2T		(DL) FOR RCDR00-19,(DL)* FOR ACDM0-5 OR (DL) FOR TRK CONT 00-19,EMER		2
			(AGCS)*,(GITO)*,(NPA)*,(RA0-4)*,(SIT)*,(STX0-9)*,(TST)*,(SGC SAL 0-4)*,(SGC XG 0-4)*,(SGC CIF0-4)*		235,408
A13	4T		(DL) FOR SSTI, DTM0-5, CM0-11, (AM), (PRT-),(LD MN0-4)*		2
			(TRR)		40
			(FG)*,(FUG)*		235
			(CGL0-9)*,(FGF0-9)*,(CWAL 0-9)*		236
A14	6T		(DL) FOR TV0-9 OR (DL) FOR TV0-5, CTV0-3 OR (DL) FOR EMR,MTE,MTO,MT,MTALM,MTACG (DL) FOR RTO-1 (DLBC)&(DLSC) FOR RCDR & RCDR CONT CKT		2,3
			(RGA0-9)*		236
A15	8T		(LLMC0-9)		
			(LLMC00-29)		
A16	10T		(LLMC30-59)	(LLMC30-39)	2
A17	12T	(UN0) REL	(SGB0-11),(SGC SMB 0-4)*,(SGC MCIF0-4)*		2,408
A18	2B		(IR GRD0-19)		
A19	4B		(IR ST00-19)		
A20	6B		IRMC0(0-3),IRMC1(0-3),IRMC2(0),(DRMC-), ORMC0(0-3),ORMC1(0-3),ORMC2(0,1),(CSAL)		2,154
A21	8B		(AMBC,D),(CMBA,B),(CSAB,CT),(CSGB0-2),(DAMB),(DMBA),(ERL),(MBAC,D),(ORB DP-MF),(ORST DP),(ORST MF)		
			(ACV),(ACVA)		34
A22	10B		(IR PRTC0-2),(MCGA,MCGB),MCGAC,MCGADA,MCGADB, MCGBC,MCGBDA,MCGBDB,(ORB0-3),(ORST0-3),(PRTC0-2)		2
			(RST0A)		32
			(PUA)		41
A23	12B		TVC0(0-2),TVC1(0-2),TVC2(0-2),TVC3(0), OR TVC0(0-2),TVC1(0-2),CTVC(0-3),(TVCGA,B)		2
			(PCNV 1,2)		159
A24	2T		(AMAT0-39)		30
A25	4T		PDI		2
			(ALG-4)*,(AGCB-),(SG0-4)*		2,181
			(MTLM,B),(C/O MTCA),(C/O MTCB),(TVTC A/B),(TVTC)		20,389
			(CMS-TBL)		176
			(PSA),(PSA-4W),(PSA-0S)		184
			(OAN)		213
			(CLRR)		168
A26	6T		(ACDM0-5)*,(CM0-11),(DTM0-5)		8
			(RTG-4),(NDG-4)*,(NDX0-4)*,(ANN MJ)*		23,417,419
			(BIG-1)		171
			(TTR-TG),(WB TTR TG)		199
A27	8T	(UN1) REL	(TV0-9) OR (TV0-5),(CTV0-3)		27
			(NM0-1)		173
			(A10DT0-2)		201
			(1D)		205
A28	10T		(RQ0-19)(EMR),(TC00-19),(TC EMER),(TDA)		28,390,405
A29	12T		(TLLMC0-3),(TRGB0-2),(AN TRK00-19),(TRMC0-3),(TRST0-2)		2
A30	2B		(DSC0-3)		29
			(PRT-)		45
			BSR SG0(C-2),BSR SG1(0-2),BSR SG2(0-2)		47
			(FAT A0-3),(FAT B0-3)		161
A31	4B		(NGCA0-2),(NGCB0-2)		2
			(ACTVB),(ATVB),(CTVBA),(MTE),(MTO),(PSD),(TRAP),TSD,(TVBA),(ACTBA),(TST),(DLN0,1,2,4,7),(WBCT-MJ),(MJ-AIOD),(MN-AIOD),(MN-SSTI)		2,367 374,386
A32	6B		(TG) FOR OR0(0-7),OR1(0-7),OR2(0-7),OR3(0-7), OR4(0-7), (TG) FOR FIRST 20 DIGIT REG	(TG) FOR OR15(0-7), OR16(0-7),OR17(0-7)	10
			(TFR10-29)		204

* THESE LAMPS ARE REQUIRED ONLY FOR A MASTER TEST FRAME ASSOCIATED WITH AUTOMATIC CALL DISTRIBUTION.

FUSE DESIG	FUSE CONN TO		FOR LAMPS DESIGNATED 2-WIRE	FOR LAMPS DESIGNATED 4-WIRE	FIG.
A33	8B	(UN1) REL	(TG) FOR OR5(0-7),OR6(0-7),OR7(0-7), OR8(0-7),OR9(0-7)	(TG) FOR OR10(0-7) OR11(0-7),OR12(0-7), OR13(0-7),OR14(0-7)	10
A34	10B		(TG) FOR OR10(0-7),OR11(0-7), OR12(0-7),OR13(0-7),OR14(0-7)	(TG) FOR OR5(0-7), OR6(0-7), OR7(0-7), OR8(0-7),OR9(0-7)	
A35	12B		(TG) FOR OR15(0-7),OR16(0-7),OR17(0-7)	(TG) FOR OR0(0-7),OR1(0-7),OR2(0-7), OR3(0-7), OR4(0-7)	
A36	2T	(UN2) REL	(TG) FOR FIRST 40 INC REGISTERS	(TG) FOR LAST 30 INC REGISTERS	11
A37	4T		(TG) FOR SECOND 40 INC REGISTERS	(TG) FOR THIRD 40 INC REGISTERS	
A38	6T		(TG) FOR THIRD 40 INC REGISTERS	(TG) FOR SECOND 40 INC REGISTERS	
A39	8T		(TG) FOR LAST 30 INC REGISTERS	(TG) FOR FIRST 40 INC REGISTERS	
			(RSGP-) FOR IR PRT CONN IN OTF OFFICES	(TFR0-9)	48, 204
A40	10T		(L) FOR PU60-79		11
A41	12T		(B) FOR PU60-79		
A42	2B		(L) FOR PU80-99		16
A43	4B		(B) FOR PU80-99		
A44	6B		(PS) FOR OT00-19	(LP0) FOR OT80-99	12 OR 182
A45	8B		(PS) FOR OT20-39	(LP0) FOR OT60-79	
A46	10B		(PS) FOR OT40-59	(LP0) FOR OT40-59	
A47	12B		(PS) FOR OT60-79	(LP0) FOR OT20-39	
A48	2T	(UN3) REL	(PS) FOR OT80-99	(LP0) FOR OT00-19	
A44	2U	(A1)REL	(PS) FOR OT00-19	(LP0) FOR OT80-99	
A45	2L	(A2)REL	(PS) FOR OT20-39	(LP0) FOR OT60-79	
A46	2U	(A3)REL	(PS) FOR OT40-59	(LP0) FOR OT40-59	
A47	2L	(A4)REL	(PS) FOR OT60-79	(LP0) FOR OT20-39	
A48	2U	(A5)REL	(PS) FOR OT80-99	(LP0) FOR OT00-19	
A49	4T	(UN3) REL	(LTD1-5) SEE NOTE 206		15
A50	6T			(LPH00-19)	183
A51	8T			(LPH20-39)	
A52	10T		(TG) FOR FIRST 20 SENDERS	(TG) FOR SIXTH 20 SENDERS	38
A53	12T		(TG) FOR SECOND 20 SENDERS	(TG) FOR FIFTH 20 SENDERS	
A54	2B		(TG) FOR THIRD 20 SENDERS	(TG) FOR FOURTH 20 SENDERS	
A55	4B		(TG) FOR FOURTH 20 SENDERS	(TG) FOR THIRD 20 SENDERS	
A56	6B		(TG) FOR FIFTH 20 SENDERS	(TG) FOR SECOND 20 SENDERS	
A57	8B		(TG) FOR SIXTH 20 SENDERS	(TG) FOR FIRST 20 SENDERS	
A58	10B			(LPH40-49)	183
				(CMBA)	220
A59	12B		(DRE) FOR FIRST 8 DIRECTIONAL RESERVATION CKT. (ACDP),(AIS LMB0-9),(DS-ACO),(EMB),(LRMS0-9),(PS),(TAFMB),(911 PS)		2,3
			CLI,RTMB0,1		226,2
			INFR		231
			MDT MB		434
A60	(DTM FGO) LAMP		(ACDM FGO-5),(BI FGO-7),(CCTAO-4),(CM FGO-11),(DTM FGO-5),(NM FG),(RTFGO,1),(RDFG),(DDT ACO(0,1))		3, 431, 434
			(TTLMB) SEE NOTE 224		
A61	(FAT FGO) LAMP		(FAT FGO-3),(FATC FGO-7),(MFTG),(PRT FG-),(MFTU ACO),(TLMB),(TV FGO-9) OR (TV FGO-5 & CTV FGO-3),(IR PRT FG),(IDDD PRT FG) MDT ACO		
A62	(CCT) LAMP		(CMBE),(CMBO),(RIT),(RW),(RUT),SEE NOTE 224		
			(CCT),(CGT),(CLPT)		21
			(NPS),(RGD)		3,43
			(CMS)		176
			(CANIT)		177
				(TRA),(TRL)	181
			(4WCR)		185
			(-48),(+130),(LO),(TR),(CAL),(CTL),(REM),(AAL),(RQTL-ACO)		190,428,440
			(LT),(TBL)		240
A63	(CI) LAMP		(PSH10-29)		13
A64			(PSH30-49)		
A65	(RSGPO) LAMP		(RSGP0-23) SEE NOTE 224		48
A66	(END) LAMP		(END),(FTO,1),(FUO,1,2,4,7),(LM),(LLP),(RH),(SSTI),(SWO,1,2,4,7),(SWTO,1),(VUO,1,2,4,7),(FT2)		232
A67	2T	(UN3A) REL	(CCSA MB) FOR FIRST 20 TRUNK CKT		2
A68	4T		(CCSA MB) FOR SECOND 20 TRUNK CKT		
A69	6T		(CCSA MB) FOR THIRD 20 TRUNK CKT		
A70	10T		(RTO-9) AND (CDO),(ANS),(CAL MB),(CORD),(IAOMB0-2),(BS TDF)		243,350,2, 362,395

DRAWING ISSUE
59D
61D
63A
64D

DRAWING ISSUE
96B

MASTER TEST FRAME
JACK,LAMP, AND KEY CIRCUIT

(2)

SD-25762-01-D18

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25762-01-D18

EQUIPMENT NOTES: (CONT)

218. (CONT)

FUSE DESIG	FUSE CONN TO		FOR LAMPS DESIGNATED 2-WIRE	FOR LAMPS DESIGNATED 4-WIRE	FIG.
A72	12T	(UN3A) REL	(CPGO-5),(VSAO-3),(VSBO-3),(RSMJ) & (RSMN) FOR FIRST TEN REMOTE SWITCH SIGNAL CONTROL CIRCUITS (MFR DISC.)		2,248
A73	2B				
A74	4B		(WBLLO) FOR 2-WAY LINE CKT, (WBTLO) FOR 2-WAY TRUNK CIRCUITS & (RLSB) FOR WIDEBAND LINK CKT (MAX 100 LAMPS)		2,363
A75	6B				
A76	8B				
A77	10B				
A78	12B		(RSTR1) & (RSTR2) FOR FIRST TEN REMOTE SWITCH SIGNAL CONTROL CIRCUITS (MFR DISC) (RS-ACO) (MFR DISC)		365,366
A79	(BCP00) LAMP		(BCP00-19)		354
A80	(BCP20) LAMP		(BCP20-31)		
B0 ***	2T	(UN3B) REL	(RTCA00-19)		398
B1 ***	4T		(TL-PC00-19),(MON)		425
B2 ***	6T		(CAT MB-)		2
B3 ***	8T		(TO) FOR OR 17(4-7), OR 18-23(0-7)		10
B4 ***	10T		TVC(11-15) TRMC 2(1-3), ORMC 2(2,3), ORMC 3(0-3)		2
B5 ***	12T		RMB(-)(AIS LMB 10-19)		2
B6 ***	2B				
B7 ***	4B				
B8 ***	6B				
B9 ***	8B				
B10 ***	10B				
B11 ***	12B		(R20-29) AND (DL) FOR RCDR20-29		2,28
B12 ***	(RSMJO) LAMP		(RSMJ) & (RSMN) FOR FIRST 20 REMOTE SWITCH SIGNAL CONTROL CIRCUITS		2
B13 ***	(RSMJ20) LAMP		(RSMJ) & (RSMN) FOR SECOND 20 REMOTE SWITCH SIGNAL CONTROL CIRCUITS		
B14 ***	(NMF) LAMP		(NMF)		432
C23**	(TTLMB) LAMP		(TTLMB) SEE NOTE 224		3
C24**	(CMBE) LAMP		(CMBE),(CMBO),(RIT),(RW),(RUT), SEE NOTE 224		
C25**	(RSGPO) LAMP		(RSGPO-23) SEE NOTE 224		48
C26**	(IR RSGPO) LAMP		(RSGP-) FOR IR PRT CONN IN MTF OFFICE		

FUSE DESIG	FUSE CONN TO	FOR LAMPS DESIGNATED 2-WIRE	FOR LAMPS DESIGNATED 4-WIRE	FIG.

** THESE FUSES ARE LOCATED ON THE MASTER TEST FR RECORDER BAY.

*** THESE FUSES ARE OBTAINED FROM THE PRTO FR.

* THESE LAMPS ARE REQUIRED ONLY FOR A MASTER TEST FRAME ASSOCIATED WITH AUTOMATIC CALL DISTRIBUTION.

DRAWING ISSUE: 59D, 61D, 64D

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT (2)

SD-25762-01-D19

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25762-01-D19

EQUIPMENT NOTES: (CONT)

219. WHEN MORE THAN ONE MARKER GROUP IS SERVED BY THE SAME ALARM SENDING CIRCUIT, LEADS LK2,TR1 OR A1,TR2 OR A0, 01-09,11,12,14-19 OF FIG.121,AR2 OF FIG.68,OR C5 OF FIG.52 AND A2 & 28 LEADS OF FIG.226 FOR THE MARKER GROUPS SHALL BE CONNECTED TOGETHER AT THE ALARM SENDING UNIT OR THE ASSOCIATED MASTER TEST FR JACK BAYS OR BOTH TO SUIT JOB CABLING ARRANGEMENT.

220. PROVIDE MN LEAD TO FIG.26 WHEN ALARM SENDING CIRCUIT IS NOT PROVIDED OR WHEN ALARM SENDING OF FIRST TRIAL FAILURES IS UNRESTRICTED OR TO FIG.162 WHEN ALARM SENDING OF FIRST TRIAL FAILURE IS PROVIDED ONLY WHEN TROUBLE RECORDER IS TEMPORARILY OUT OF SERVICE.

221. PRIOR TO ISSUE 330,CABLING INFORMATION SHOWN IN FIG. 126-137 APPEARED IN FIGURES NUMBERED 125 AND BELOW.

222. (MFR DISC)
A. SHIELDED LEADS OF FIG.222 SHOULD BE ABAM TYPE CABLE.

B. SHIELDED LEADS OF FIG.222 AND 229 SHALL BE 762 TYPE CABLE.

223. ON ISSUE 470, THESE ASSIGNMENTS OF GROUNDS DESIGNATED XO AND X1 WERE RATED (A&M ONLY) AND SUPERSEDED BY GROUNDS C7 AND C8 RESPECTIVELY IN MASTER TEST FR OFFICES. IN OFFICE TEST FR OFFICES,THESE ASSIGNMENTS OF GROUNDS DESIGNATED XO & X1 ARE RETAINED AS STANDARD.

224. ON ISSUE 470, THESE ASSIGNMENTS OF FUSES DESIGNATED A60,A62,AND A65 WERE RATED (A&M ONLY) AND SUPERSEDED BY FUSES DESIGNATED C23,C24,AND C25 RESPECTIVELY IN MASTER TEST FR OFFICES. IN OFFICE TEST FR OFFICES,THESE ASSIGNMENTS OF FUSES DESIGNATED A60,A62, & A65 ARE RETAINED AS STANDARD.

225. ON ISSUE 470, THE J AND AE GROUND ASSIGNMENTS TO FIG.33 AND 204, RESPECTIVELY, WERE RATED (A&M ONLY) AND SUPERSEDED BY GROUNDS C6 AND C9.

226. ON ISSUE 470, THE ASSIGNMENTS OF GROUNDS G10 AND G11 WERE RATED (A&M ONLY) AND SUPERSEDED BY GROUNDS C10 AND C11 RESPECTIVELY IN MASTER TEST FR OFFICES, IN OFFICE TEST FR OFFICES, THE ASSIGNMENTS OF GROUNDS G10 & G11 ARE RETAINED AS STANDARD.

227. THE DL LEADS OF FIG.274 SHALL BE CABLED AS FOLLOWS:

NUMBER OF TRANSVERTERS			CABLE TO TRANSVERTERS OR TRANSLATOR ACCESS FROM TERMINALS ON (C) TS			
AMA	CAMA		06	07	08	09
6	4		CTV0	CTV1	CTV2	CTV3
7	3		TV6	CTV0	CTV1	CTV2
8	2		TV6	TV7	CTV0	CTV1
9	-		TV6	TV7	TV8	-
10	-		TV6	TV7	TV8	TV9

228. GROUNDS C0-4 ARE CONNECTED TO THE LIKE NUMBERED RELAYS OF FIG.243 AND TO (RT-) & (RT-') RELAYS RESPECTIVELY OF FIG.243 AND 247 WHEN PROVIDED. (G0) GRD ASSOCIATED ~~WITH RT(0-4) RELAYS~~ AND (G1) GRD ASSOCIATED WITH RT(5-9) RELAYS.

229. THE LENGTH OF CABLE RUNS BETWEEN THE MASTER TEST FR JACK BAY AND THE CABLE EQUALIZER BAY SHALL NOT EXCEED 200 FEET, WHEN "PROVISIONAL" EQUALIZERS ARE PROVIDED.

230. SEPARATE COMMON SHEATH CABLES (ABAM TYPE) ARE USED FOR EACH DIRECTION OF TRANSMISSION FROM THE MASTER TEST FR JACK BAY TO THE CABLE EQUALIZER BAY. THE ALUMINUM SHIELD IS GROUNDED AT THE CABLE EQUALIZER BAY IN A SUITABLE MANNER PER ED-97270-01.

231. *CANCELED ON ISSUE 858.*

232. THE ASSOCIATION OF RT0-9 GROUNDS AND RTCA-,RTCB-,AND TR(2,3,4) RELAYS IS AS FOLLOWS:

GROUND	RELAYS
RT0	RTCA00,10,RTCB00,10
RT1	RTCA01,11,RTCB01,11
RT2	RTCA02,12,RTCB02,12
RT3	RTCA03,13,RTCB03,13
RT4	RTCA04,14,RTCB04,14
RT5	RTCA05,15,RTCB05,15
RT6	RTCA06,16,RTCB06,16
RT7	RTCA07,17,RTCB07,17
RT8	RTCA08,18,RTCB08,18
RT9	RTCA09,19,RTCB09,19

THE RT0-6 BATTERIES ARE ASSOCIATED WITH THE FOLLOWING RELAYS:

BATTERY	RELAYS
RT0	RTCA,B00,05,10,15
RT1	RTCA,B01,06,11,16
RT2	RTCA,B02,07,12,17
RT3	RTCA,B03,08,13,18
RT4	RTCA,B04,09,14,19
RT5	RTX0-5,RTCX,RTT,TR(2,3,4)
RT6	RTX6-11

233. THE CABLING RESISTANCE OF THE C- LEAD FROM THE COMMON SYSTEMS DYNAMIC OVERLOAD CONTROL CIRCUIT TO THE (T8) OR (M) RELAY IN THE TRUNK MAKE BUSY CIRCUIT SHALL NOT EXCEED 100 OHMS.

234. THE AUDIO LEADS TO THE 101 AND WIDEBAND AUX TEST TRUNKS AND TO THE 101 AUD AND WIDEBAND AUX TT AUD JACKS SHALL HAVE A LOOP RESISTANCE NOT EXCEEDING 66Ω. FOR THE TEST TRUNKS, THE CABLING TO THE LINE LINK FRAME AND TO THE TRUNK LINK FRAME IS INCLUDED IN THIS RESTRICTION.

INFORMATION NOTES:

301. OFFICE WIRING LIST RECORDS NEED NOT BE MAINTAINED FOR OPTION XY.

302. THE ADJUSTMENT OF BUILDOUT RESISTORS (RB1-16) IS DESCRIBED IN BSP-664-800-701.

303. WHEN ATA IS PROVIDED IN AN ETS OFFICE, THE INTERFACE CKT FOR DATA ACQUISITION WITH CANCEL TROUBLE CARD ALARM FEATURE IS PROVIDED INSTEAD OF THE MAINTENANCE DATA TRANSMITTER.

304. CONNECTING INFORMATION TO THE TRANSLATOR ACCESS CKT FOR THE CALL DATA TRANSMITTER FEATURE WAS ADDED ON ISSUE 908.

DRAWING ISSUE
59D
60A
61D
63A

DRAWING ISSUE
908

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT
(2)

SD-25762-01-020

BELL TELEPHONE LABORATORIES INCORPORATED

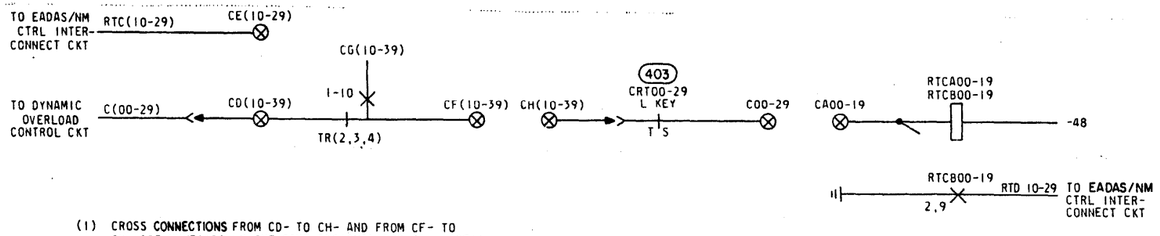
SD-25762-01-D20

CROSS CONNECTION NOTES:

401.

PART	CONDITION		CONNECT TERM.	CONNECT TO TERM.	CONDITION		REF
	FOR ASSOCIATION OF DYNAMIC OVERLOAD CONTROL CKT ROUTE TRANSFER CONTROL SIGNALS WITH	RTCA- & RTCB- RELAYS	C(00-29)	CA (00-19)			
		TRUNK MAKE BUSY CKT		CB (00-19)			
	FOR ASSOCIATION OF (RTCA-) OR (RTCB-) RELAYS WITH COMBINED OR COMPLETING MARKER ROUTE TRANSFER RELAYS		RT00 (00-19) ⋮ RT11 (00-19)	RTW00 (20-39) ⋮ RTW11 (20,39)	FOR FIRST MARKER AS REQUIRED ⋮ FOR TWELFTH MARKER AS REQUIRED		FOR NON-NO.5 ETS OFFICE
	FOR ASSOCIATION OF A (ND-) RELAY WITH AN AUTO. CALL DISTRIBUTION CLOSE DOWN TRUNK		ND(A-D)0	T00-23	FOR(ND0)RELAY	ONE (ND-) TERM. MAY BE CROSS CONN TO A MAX OF 5(T-) TERMINALS	
			ND(A-D)1		FOR(ND1)RELAY		
			ND(A-D)2		FOR(ND2)RELAY		
			ND(A-D)3		FOR(ND3)RELAY		
			ND(A-D)4		FOR(ND4)RELAY		
	FOR ASSOCIATION OF A (ND-) RELAY WITH THE SEQUENTIAL GATE CONTROL CIRCUITS		NC00-04	NCA0	CROSS CONN THE (NC-) TERMINALS FOR THE CLOSE DOWN TRUNK GROUPS TO THE (NCA-) TERMINAL FOR THE SEQUENTIAL GATE CONT CKT ASSOCIATED WITH THE AUTO. CALL DISTRIBUTION OFFICE ROUTE TRANSFERRED BY THOSE CLOSE DOWN TRUNK GROUPS		
			NC10-14	NCA1			
			NC20-24	NCA2			
			NC30-34	NCA3			
			NC40-44	NCA4			

402. WHEN EADAS/NETWORK MANAGEMENT (FIG. 429) IS FURNISHED:
(A) CROSS CONNECT FROM CD- TO CH- WHEN CONTROL IS RETAINED BY "DOC" ONLY.
(B) CROSS CONNECT FROM CE- TO CH- WHEN CONTROL IS RETAINED BY "EADAS/NM" ONLY.
(C) CROSS CONNECT FROM CE- TO CG- AND FROM CF- TO CH- WHEN CONTROL IS EXERCISED BY "DOC" AND BY "EADAS/NM".
(D) CROSS CONNECTIONS FOR FIG. 23 AND FOR FIG. 243 (CD- TO CH-, OR CE- TO -CG, OR CE- TO CH-, OR CF- TO CH-) ARE NUMERICALLY THE SAME DESIGNATIONS (i.e. CD12 TO CH12, ETC).
(E) CROSS CONNECTIONS ASSOCIATED WITH FIG. 398.



(1) CROSS CONNECTIONS FROM CD- TO CH- AND FROM CF- TO CH- ARE NUMERICALLY THE SAME DESIGNATIONS (i.e. CF11 TO CH11, ETC)

(2) CROSS CONNECTIONS FROM CE- TO CG- OR FROM CE- TO CH- DEPEND ON THE CROSS CONNECTIONS FROM CA- TO C-:
THE CE- UNITS DIGIT IS THE SAME AS THE CA- UNITS DIGIT.
THE CE- TENS DIGIT IS ONE GREATER THAN THE CA- TENS DIGIT.
THE CG- OR CH- UNITS DIGIT IS THE SAME AS THE C- UNITS DIGIT.
THE CG- OR CH- TENS DIGIT IS ONE GREATER THAN THE C- TENS DIGIT.

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP, AND KEY CIRCUIT

SD-25762-01-021

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 65

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.		MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	TEST FOR	AFTER SOAK mA	TEST mA	READJ mA	REMARKS
RELAYS																		
A1	1/2AK23		189		3					1U(A1)	GRD			0		7.8	7.4	MOUNTED WITH (A2)
A2	1/2AK23		189		3					1L(A2)	GRD			0		7.8	7.4	MOUNTED WITH (A1)
A3	1/2AK23		189		3					1U(A3)	GRD			0		7.8	7.4	MOUNTED WITH (A4)
A4	1/2AK23		189		3					1L(A4)	GRD			0		7.8	7.4	MOUNTED WITH (A3)
A5	1/2AK10		189		7					1U(A5)	GRD			0		7.8	7.4	MOUNTED WITH (B)
AAC	1/2AK4		438		202					1U(AAC)	GRD			0		13.0	11.3	MOUNTED WITH SPARE
ACI	1/2AK41		384		202			(ON)NO		1U(ACI)	GRD			0		31.5	30	MOUNTED WITH (ON1)
ACV	UA4		34		111/136	SPL	SPL	1B(ACV1)	TR(ACV)		BAT.	1		0		3.3	3.1	CONN DIRECT GRD TO TF(ACV)
														NO		2.1	2.3	
														H		1.5	1.4	
												2				A-C	A-C	
ACV1	U1314		34		160/142	H	53	(ACV)NO		TR(ACV1)	GRD		P/S	0		12	11.4	
ACV1A	U1314	XN	34		160/142	H	53	(ACVA)NO		TR(ACV1A)	GRD		P/S	0		12	11.4	
ACVA	UA4	XN	34		111/136	SPL	SPL	1B(ACV1A)	TR(ACVA)		BAT.	1		0		3.3	3.1	CONN DIRECT GRD TO TF(ACVA)
														NC		2.1	2.3	
														H		1.5	1.4	
												2				A-C	A-C	
AN	AF83		213		8			8(AN), (ANM)NO		1U(AN)	GRD			C		8.6	7.8	
ANM	AJ202		213		500					1U(ANM)	GRD			0		43	40.5	
ANP	AF83		213		8					1U(ANP)	GRD			0		8.2	7.8	
ANR	81087		214		3		40	(AN)NO		1M(ANR)	GRD	3		0		3.8	3.6	
AR	U317		170		304/101	H	59			8(AR)	GRD			0		10.4	9.9	
ARL																		
B	1/2AK10		189		7					1L(B)	GRD			0		16.5	15.5	MOUNTED WITH (A5)
BAT	U695		4		113/113	H	29			T(BAT)	GRD			0		10.4	9.9	
BCP1-3	AJ5		248		220					1U(REL TST)	GRD			0		13.3	12.6	
BDMJ1	1/2AK24		431		12			(UN17)O	2L(BDMJ1)		BAT.			0		7.8	7.4	MOUNTED WITH (BDMJ2)
BDMJ2	1/2AK24		431		12			(UN17)O	2U(BDMJ2)		BAT.			0		7.8	7.4	MOUNTED WITH (BDMJ1)
BDMJ2'	1/2AK4	UX	431		202				2U(BDMJ2')		BAT.			0		13	11.3	MOUNTED WITH (RPF')
BG-	B1131		158		1		30		1M(BG-)		BAT.			0		25	23.5	
														R		8.7	9.2	
BOTL	AF79	WH	393		205					1U(BOTL)	GRD			0		9.7	9.2	
BSS	AJ34	WH	393		468				1L(BSS)	2U(BSS)	M		P/S	0	FS	15.5	14.3	
CC-AR	AJ5		193		220					1U(CC-AR)	GRD			0		13.3	12.6	
CCT	U695		21		113/113	H	29			T(CCT)	GRD			0		10.4	9.9	
CCTA	U695	XN	21		113/113	H	29			T(CCTA)	GRD			0		10.4	9.9	
CGAT-	AF83		379		8					1U(REL TST)	GRD			0		8.2	7.8	
CGT	U695	F	21		113/113	H	29			T(CGT)	GRD			0		10.4	9.9	
CGT N PBX	U695	G	21		113/113	H	29			T(CGT PBX)	GRD			0		10.4	9.9	
CGT PBX	U695	G	21		113/113	H	29			T(CGT PBX)	GRD			0		10.4	9.9	
CLI	AF57		226		210			10,12(CLI)		1U(CLI)	GRD			0		28.5	25.5	
CLPT	U695	F	21		113/113	H	29			T(CLPT)	GRD			0		10.4	9.9	
CLR	U115		168		113/113	H	29			T(CLR)	GRD			0		10.4	9.9	
CMBA	AF15		220		216			4(MBA)		1U(MBA)	GRD			0		7.4	6.7	

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.		MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	TEST FOR	AFTER SOAK mA	TEST mA	READJ mA	REMARKS
CORD	AF85		362	MD	401					U(CORD)	GRD			O		36	34	
			395	STD										NO		22	23.5	
CORD1	AJ98		384		74					U(CORD1)	GRD			O		73.5	70	
														R		28.5	30	
CTRO-11	AF83		371		8									O		8.2	7.8	WDG ALONE
									L(REL TST)		BAT.	7		O		16.4	15.6	
DLA	U1239		32		132/136	H	47			T(DLA)	GRD			O		8.1	7.7	
DLB	U425		26		128/110	H	41			T(DLB)	GRD			O		17	16	
FG	U6072		235		110/101	H	35			5T(FG)	GRD	9		O		14.2	13.5	
FUG	U6033		235		120/110	H	35			7T(FUG)	GRD	9		O		22	21	
IDR-	AF83		369		8									O		8.2	7.8	WDG ALONE
										U(REL TST)	GRD	7		O		16.4	15.6	
INFR	AF83		231		8					U(INFR)	GRD			O		8.2	7.8	
IPRA	AF85		218		401			3(IPRA), 4(IPRA)		U(IPRA)	GRD			O		37.5	34	
														NO		22	23.5	
														R		9.9	10.5	
MB1	U1031		200	STD	210/210	H	.044			T(MB1)	GRD			O		13.0	12.3	
			194	MD														
MDI	AF83		406		8					U(MDI)	GRD			O		8.2	7.8	
MJ	U407		26		123/111	H	29	(Z)O		T(MJ)	GRD			O		6.1	5.8	
MJA	1/2 AK4		439		202			(Z)O		1L(MJA)	GRD			O		13.0	11.3	MOUNTED WITH (MN2A)
MN	U112	ZE	26		123/111	H	29	(Z)O		T(MN)	GRD			O		12.2	11.6	
MN1	U735	ZE	26		132/132	H	47	(Z)O		T(MN1)	GRD			O		17.5	16.5	
														NO		9.8	10.4	
MN1A	1/2 AK30		439		202			(MNA)NO		2L(MN1A)	GRD			O		23.5	22	MOUNTED WITH (MNA)
MN2	U407	ZE, ZF	26		123/111	H	29	(Z)O		T(MN2)	GRD			O		6.1	5.8	
MN2A	1/2 AK4		439		202			(Z)O		1U(MN2A)	GRD			O		13.0	11.3	MOUNTED WITH (MJA)
MNA	1/2 AK30		439		202			(Z)O		1U(MNA)	GRD			O		23.5	22	MOUNTED WITH (MN1A)
MON	AF86		425		237				L(MON)		BAT.			O		17	16	
MUD	AF83		206		8			(MUD)1-12		U(MUD)	GRD			O		8.6	7.8	
NDO-4	AJ125		417		299					U(REL TST)	GRD			O		10.9	10.3	
NDX-(EVEN)	1/2AK22		422		216			2(REL TST)		1L(REL TST)	GRD	20		O		28.6	26	MOUNTED WITH (NDX-(ODD))
NDX-(ODD)	1/2AK22		422		216			1(REL TST)		1U(REL TST)	GRD	20		O		28.6	26	MOUNTED WITH (NDX-(EVEN))
NMF	AK4		432		202			NMAC JACK(O) 11,8(NMF)		1U(NMF)	GRD			O		13.0	11.3	
ON	AJ102		384		75				1L(ON)	2U(ON)	M		P/S	O		14.7	14	
ON1	1/2AK41		384		202					1L(ON1)	GRD			O		31.5	30	MOUNTED WITH (ACI)

ISSUE 89A

MASTER TEST FRAME
JACK, LAMP AND KEY

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET NO. 65

SD-25762-01-F1

CBL-230(2-74)

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.		MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK mA	DIRECT CURRENT FLOW REQT TEST mA	DIRECT CURRENT FLOW REQT READJ mA	REMARKS
PCNV	U240		159		128/110		41		(PCVA) JK-R	(PCVA) JK-T	B/G	4		0		17.5	16.5	
PSR	U115		43		113/113		29			T(PSR)	GRD	14		0		10.4	9.9	
	AF83		424		8					U(PSR)	GRD			0		8.2	7.8	
PU	B10		41		1		30	(PU1)NO		2M(PU)	GRD			0		26.5	25	
														R		1.8	2	
PU1	U932		41		327/108	H	53	(PU2)NO		T(PU1)	GRD			0		11.1	10.5	
PU2	Y109		41		190/108	H	47	5T(PU1)		T(PU2)	GRD			0		22	20.5	
														H	FS	3.5	3.3	
														R		0.9	1.2	
RC	1/2AK30		384		202					1L(RC)	GRD			0		23.5	22	MOUNTED WITH (RST)
RCDA	AF59	UJ	427		3				L(RCDA)		BAT.			0		5.5	5.2	
	AJ50	UK			46				1L(RCDA)		BAT.	21		0		21	20	PARALLEL OPERATION
RCDR	U410		50		132/132					T(RCDR)	GRD			0		8.8	8.3	WDG ALONE
														0		19.5	18.5	PAR. COMB. (RCDR) & (UN16) OR (RCDR) & (UN17)
																26.5	25	PAR. COMB. (RCDR),(UN16) & (UN17)
RCVA	1/2AK4		412		202					1L(RCVA)	GRD			0		11.9	11.3	MOUNTED WITH (SNDA)
RCVB	1/2AK4		384		202					1L(RCVB)	GRD			0		11.9	11.3	MOUNTED WITH (SNDB)
RLS	1/2AK26		425		10			(RLS1)0	2L(RLS)		BAT.			0		15	14.2	MOUNTED WITH (RLS1)
RLS1	1/2AK26		425		10					1U(RLS1)	GRD			0		14.5	13.8	MOUNTED WITH (RLS)
RLSA	AG60		425		419B					U(RLSA)	GRD			0		21.5	20.5	
RPF	1/2AK4	UY	431		202			1Z(RPF')		1U(RPF)	GRD			0		13	11.3	MOUNTED WITH SPARE
RPF'	1/2AK4	UZ	431		202			1(RPF')		1L(RPF')	GRD			0		13	11.3	MOUNTED WITH (BOMJ2')
RST	1/2AK30		384		202					1U(RST)	GRD			0		23.5	22	MOUNTED WITH (RC)
RTO-4	U695		23		113/113	H	29					6		0		10.4	9.9	WDG ALONE
										T(REL TST)	GRD	5,7		0		23.5	22	
RTO'-4'	U543		44		111/111	H	29							0		5.7	5.4	WDG ALONE
										T(REL TST)	GRD	5,7		0		12.7	12	
RT-	AF83		243		8									0		8.2	7.8	WDG ALONE
										T(REL TST)	GRD	7,8		0		16.4	15.6	
RT-'	AF83		247		8									0		8.2	7.8	WDG ALONE
										T(REL TST)	GRD	7,8		0		16.4	15.6	
RTCO-4	UA19		25		101/101	H	29			T(REL TST)	GRD			0		6.9	6.5	REMOVE HEAT COILS
														R		2.5	2.7	
RTC5-9	AJ75		246		291					T(REL TST)	GRD			0		6.8	6.5	REMOVE HEAT COILS
RTCA-	AJ81		398		220					U(REL TST)	GRD			0		24.5	23	WDG ALONE
														0		47.5	45	PAR. COMB. (RTCA-) & (RTCB-)
RTCB- (EVEN)	1/2AK44		402		222					1L(REL TST)	GRD			0		27.5	26	WDG ALONE
														0		71	67	PAR. COMB. (RTCA-) & (RTCB-)
RTCB- (ODD)	1/2AK44		402		222					1U(REL TST)	GRD			0		27.5	26	WDG ALONE
														0		71	67	PAR. COMB. (RTCA-) & (RTCB-)
RTCX	1/2AK44		396		222			10(RTCX)		1U(RTCX)	GRD	19		0		28.6	26	MOUNTED WITH (RTT)
RTT	1/2AK44		396		222					1L(RTT)	GRD			0		27.5	26	MOUNTED WITH (RTCX)
RTX- (EVEN)	1/2AK44		399		222			3(REL TST)		1L(REL TST)	GRD	19		0		28.6	26	MOUNTED WITH (RTX-(ODD))
RTX- (ODD)	1/2AK44		399		222			10(REL TST)		1U(REL TST)	GRD	19		0		28.6	26	MOUNTED WITH (RTX-(EVEN))
RV	AF79		384		205					U(RV)	GRD			0		9.7	9.2	
SNDA	1/2AK4		412		202					1U(SNDA)	GRD			0		11.9	11.3	MOUNTED WITH (RCVA)
SNDB	1/2AK4		384		202					1U(SNDB)	GRD			0		11.9	11.3	MOUNTED WITH (RCVB)
T1,4-9,11 12,14-19	U1334	WX	49		111/111	H	29			T(REL TST)	GRD			0		14.3	13.6	
T2,3	U1334	WV	49		111/111	H	29			T(REL TST)	GRD			0		14.3	13.6	
		WW	49		111/111	H	29		B(REL TST)		BAT.			0		14.3	13.6	

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.		MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK mA	DIRECT CURRENT FLOW REQT TEST mA	DIRECT CURRENT FLOW REQT READJ mA	REMARKS
TLA	AJ81		425		220									0		24.5	23	WDG ALONE
									L(TLA)		BAT.			0		41	39	PAR. COMB. (TLA)REL & (TLA)RES
TLB, C,D	AJ5		425		220									0		13.3	12.6	WDG ALONE
										U(REL TST)	GRD			0		46	43.5	PAR. COMB. (TLB),(TLC),(TLD)
TOA	U113		32		132/101	H	47		T(TOA)		BAT.			0		7.4	7	
TOTL	AJ5		393, 360		220					U(TOTL)	GRD			0		13.3	12.6	
TR	AF67	WA	405		207					U(TR)	GRD			0		7.2	6.8	
TR1	AJ12		429		220					U(TR1)	GRD			0		43.0	40.5	
TR2, 3,4	AJ12		433		220									0		43.0	40.5	WDG ALONE
										U(REL TST)	GRD			0		70	65	PAR. COMB. (TR2),(TR3),(TR4)
TRA	AF30		181		217					U(TRA)	GRD			0		8.7	8.2	
TRL	AF30		181		217			2M(TRL)		U(TRL)	GRD			0		9.1	8.2	
TST	U115		235		113/113	H	29			T(TST)	GRD	9		0		10.4	9.9	
TST1	U6016		235		120/130	H	44	1-3B(TST1)		7T(TST1)	GRD	9		0		18.5	17.5	

ISSUE 90B

MASTER TEST FRAME JACK, LAMP AND KEY

SD-25762-01-F2

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 65

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS CKT FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA	DIRECT CURRENT FLOW REQT TEST MA	DIRECT CURRENT FLOW REQT READJ MA	REMARKS
UNO-3	U695		5	113/113	H	29			T(REL TST)	GRD	7		0		10.4	9.9	
UN3A	U695	XD	5	113/113	H	29			T(UN3A)	GRD	7		0		10.4	9.9	
UN3B	U695	XZ	5	113/113	H	29			T(UN3B)	GRD	7		0		10.4	9.9	
UN4	U695		42	113/113	H	29			T(UN4)	GRD	2		0		10.4	9.9	
UN5	U695		162	113/113	H	29			T(UN5)	GRD	7		0		10.4	9.9	
UN6-14	U695		164	113/113	H	29			T(REL TST)	GRD	7		0		10.4	9.9	
UN14A	U695	ZY	164	113/113	H	29			T(UN14A)	GRD	7		0		10.4	9.9	
UN15	U695		169	113/113	H	29	5B(UN5)		T(UN15)	GRD	7		0		10.4	9.9	
UN15A	U695	YM	169	113/113	H	29	5B(UN5)		T(UN15A)	GRD	7		0		10.4	9.9	
UN16	AJ5		427	220					U(UN16)	GRD			0		13.3	12.6	WDG ALONE
															29.5	25	PAR. COMB.(UN16)&(RCDR)OR (UN16) & (UN17)
															40	38	PAR. COMB.(UN16),(UN17)&(RCDR)
UN17	AJ5		430	220					U(UN17)	GRD			0		13.3	12.6	WDG ALONE
															29.5	28	PAR.COMB.(UN17)&(RCDR) OR (UN17)&(UN16)
															40	38	PAR. COMB.(UN17),(UN16)&(RCDR)
W	U114		26	132/106	H	47							0		9.7	9.2	WDG ALONE
							38(W)		T(W)	GRD	13		0		32.5	30.5	
Z	U580		26	132/132	H	47							0		17.5	16.5	WDG ALONE
													NO		9.8	10.4	WDG ALONE
							(W)O		T(Z)	GRD	14		0		28.5	27	
							(W)U		T(Z)	GRD	14		NO		14.1	14.9	
TUBES,ELECTRON																	
AR	346B OR 346C		170				(UN5)O, (AR)NO				16						SEE BSP
DLA	31CC		32														SEE BSP
TIME REQT																	
AR			170								18						
TOA			32								17						

TEST NOTES

1. ARM. TRVL 23. FRONT CONTACT MAKE -6 READJ 4 TEST.
2. (ACV) & (ACVA) REL SHALL OPERATE AND HOLD WITHOUT CHATTER WHEN THE AC-DC AUD OR ± AUD IS PRESENT.
3. CONNECT DIRECT BAT. TO 2M (ANR) BEFORE CONNECTING TEST SET CLIP.
4. (PNCV) REL SHALL OPERATE AND HOLD WITHOUT CHATTER WHEN THE AC IS PRESENT.
5. PAR. COMB. (RTO-4) AND (RTO'-4') RELAYS.
6. REQUIREMENTS FOR USE WHEN FIG. 44 IS NOT PROVIDED.
7. MULTIPLY CURRENT FLOW REQUIREMENTS BY NUMBER OF RELAYS IN MULTIPLE.
8. PAR. COMB. (RT-) AND (RT-') RELAYS.
9. OPERATE SWITCH (LLF) TO POSITION 12.
10. CANCELED
11. CANCELED
12. CANCELED
13. CKT COMB. WITH (Z) REL AND (Z) RES.
14. CKT COMB. WITH (W) REL AND (Z) RES.
15. OPERATE (APS), (NPS) KEY TO (NPS) POSITION.
16. (TRR-TAR) KEY MUST BE OPERATED. USE COLD CATHODE TUBE TEST SET. CONN BK TO 3B(MJ) AND W TO 3T (AR). TEST REQUIREMENTS FOR THE 346B OR 346C TUBE (AR) ARE:

	SG ION	AG DROP (AT 20 MA)	AG FWD POT.
MIN VOLTS	62	72	
MAX VOLTS	89	90	180

REMOVE W LEAD FROM 3T (AR), AND CONNECT GRD TO 3T (AR), TO TEST AG FWD POT.

17. OPERATE AND HOLD (DLA) REL MANUALLY UNTIL (TOA) REL OPERATES. (TOA) REL SHALL OPERATE WITHIN A MINIMUM OF 10 SECONDS AND A MAXIMUM OF 15 SECONDS FROM THE TIME (DLA) REL IS OPERATED.
18. OPERATE (MJ) REL MANUALLY. (AR) REL SHALL OPERATE WITHIN A MINIMUM OF 1 SECOND AND A MAXIMUM OF 3 SECONDS FROM THE TIME THE (MJ) REL IS OPERATED.
19. INSULATE CONTACTS 2-3 AND 4-5 OF THE (RT-AR) KEY.
20. INSULATE CONTACTS 2-3 AND 4-5 OF THE (ND-AR) KEY.
21. CONTACT MAKE 5, NO MAKE 8.5, READJUST; MAKE 3.5, NO MAKE 10, TEST. ARMATURE BACK TENSION MINIMUM 20 GRAM READJUST. 15 GRAM TEST.

DRAWING ISSUE	
50D	DP MG
52A	LT
53D	LT
57D	
59D	
61D	

DRAWING ISSUE 86A

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)

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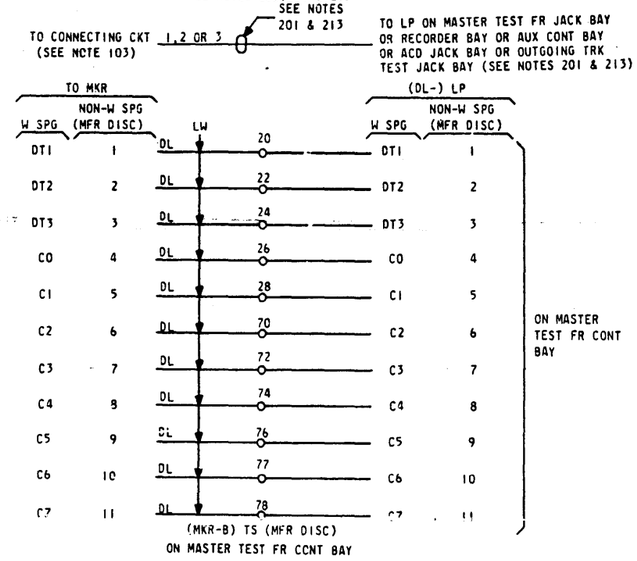
BELL TELEPHONE LABORATORIES INCORPORATED

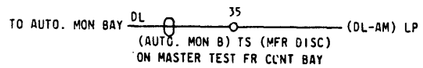
DRAWING SIZE 6S

SD-25762-01-F3

CAD 51

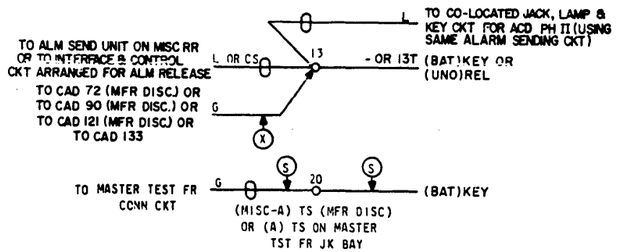
(FOR APP FIG 1, 2,3)
SEE NOTES 208,211 & 217





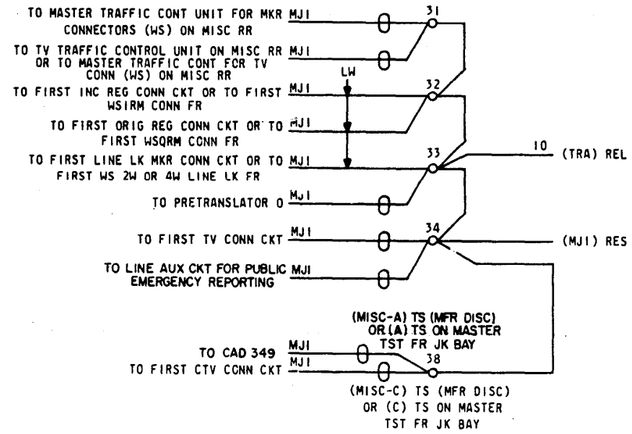
CAD 52 (MFR DISC.)

(FOR APP FIG. 4,5)
(SEE NOTE 207)
REPLACED BY CADS 133 & 134



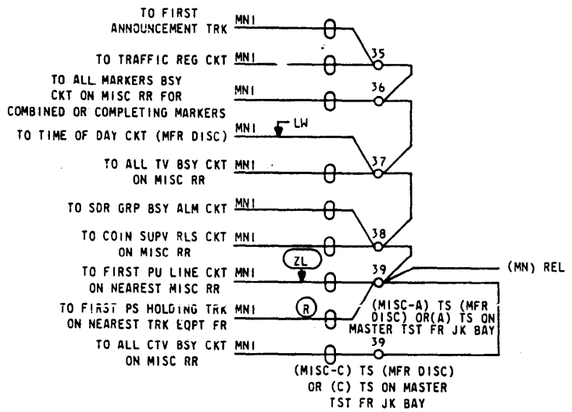
CAD 53 (MFR DISC.)

(FOR APP FIG.6)
(SEE NOTE 217)
REPLACED BY CADS 133 & 135



CAD 54 (MFR DISC.)

(FOR APP FIG. 7)
(SEE NOTE 208)
REPLACED BY CADS 133 & 135



DRAWING ISSUE
530 TM
6ID
64D

ISSUE
96B

SD-25762-01-GI

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)
SD-25762-01-GI

BELL TELEPHONE LABORATORIES INCORPORATED
6S

CAD 56

(FOR APP FIG 9)
(SEE NOTE 217)

TYPE OF SDR CONN FR
NON-W SPG (M-D) W SPG

		FR CONN	FR CONN		
TO 1ST MKR	SCBA-0	0	0	0	0
	SCBB-0	0	1	0	1
	SCBA-1	1	0	0	2
	SCBB-1	1	1	0	3
	SCBA-2	2	0	1	0
	SCBB-2	2	1	1	1
	SCBA-3	3	0	1	2
	SCBB-3	3	1	1	3
TO LAST MKR	SCBA-0	0	0	0	0
	SCBB-0	0	1	0	1
	SCBA-1	1	0	0	2
	SCBB-1	1	1	0	3
	SCBA-2	2	0	1	0
	SCBB-2	2	1	1	1
	SCBA-3	3	0	1	2
	SCBB-3	3	1	1	3

(SCMB) JK FOR 1ST MKR

(SCMB) JK FOR LAST MKR

TO 1ST PRT CONN CKT CT — (PRTCMB) JK FOR 1ST PRT IN 1ST PRT CONN

TO 2ND PRT CONN CKT CT — (PRTCMB) JK FOR 1ST PRT IN 2ND PRT CONN

TO 3RD PRT CONN CKT CT — (PRTCMB) JK FOR 1ST PRT IN 3RD PRT CONN

TO 1ST CAMA TV PREF CKT IN 1ST CAMA TV CONN CB — (CTVCMB) JK FOR 1ST CAMA TV IN 1ST CAMA TV CONN

TO LAST CAMA TV PREF CKT IN LAST CAMA TV CONN CB — (CTVCMB) JK FOR LAST CAMA TV IN LAST CAMA TV CONN

TO 1ST MKR BSY CKT IN 1ST L LK MKR CONN CB — (LLMCMB) JK FOR 1ST MKR IN 1ST MKR CONN ON 1ST L LK MKR CONN FR

TO LAST MKR BSY CKT IN 1ST L LK MKR CONN CB — (LLMCMB) JK FOR LAST MKR IN 1ST MKR CONN ON 1ST L LK MKR CONN FR

TO 1ST MKR BSY CKT IN LAST L LK MKR CONN CB — (LLMCMB) JK FOR 1ST MKR IN LAST MKR CONN ON LAST L LK MKR CONN FR

TO LAST MKR BSY CKT IN LAST L LK MKR CONN CB — (LLMCMB) JK FOR LAST MKR IN LAST MKR CONN ON LAST L LK MKR CONN FR

TO 1ST MKR BSY CKT IN 1ST ORIG REG MKR CONN CB — (ORMCMB) JK FOR 1ST MKR IN 1ST MKR CONN ON 1ST ORIG REG MKR CONN FR

TO LAST MKR BSY CKT IN 1ST ORIG REG MKR CONN CB — (ORMCMB) JK FOR LAST MKR IN 1ST MKR CONN ON 1ST ORIG REG MKR CONN FR

TO 1ST MKR BSY CKT IN LAST ORIG REG MKR CONN CB — (ORMCMB) JK FOR 1ST MKR IN LAST MKR CONN ON LAST ORIG REG MKR CONN FR

TO LAST MKR BSY CKT IN LAST ORIG REG MKR CONN CB — (ORMCMB) JK FOR LAST MKR IN LAST MKR CONN ON LAST ORIG REG MRK CONN FR

TO 1ST MKR BSY CKT IN 1ST INC REG MKR CONN CB — (IRMCMB) JK FOR 1ST MKR IN 1ST MKR CONN ON 1ST INC REG MKR CONN FR

TO LAST MKR BSY CKT IN 1ST INC REG MKR CONN CB — (IRMCMB) JK FOR LAST MKR IN 1ST MKR CONN ON 1ST INC REG MKR CONN FR

TO 1ST MKR BSY CKT IN LAST INC REG MKR CONN CB — (IRMCMB) JK FOR 1ST MKR IN LAST MKR CONN ON LAST INC REG MKR CONN FR

TO LAST MKR BSY CKT IN LAST INC REG MKR CONN CB — (IRMCMB) JK FOR LAST MKR IN LAST MKR CONN ON LAST INC REG MKR CONN FR

TO 1ST TV PREF CKT IN 1ST TV CONN CB — (TVCMB) JK FOR 1ST TV IN 1ST TV CONN ON 1ST TV CONN FR

TO LAST TV PREF CKT IN 1ST TV CONN CB — (TVCMB) JK FOR LAST TV IN 1ST TV CONN ON 1ST TV CONN FR

TO 1ST TV PREF CKT IN LAST TV CONN CB — (TVCMB) JK FOR 1ST TV IN 1ST TV CONN ON LAST TV CONN FR

TO LAST TV PREF CKT IN LAST TV CONN CB — (TVCMB) JK FOR LAST TV IN LAST TV CONN ON LAST TV CONN FR

TO 1ST PRT CKT IN 1ST PRT CONN CB — (PRTCMB) JK FOR 1ST PRT IN 1ST PRT CONN ON 1ST PRT FR

TO LAST PRT CKT IN 2ND PRT CONN CB — (PRTCMB) JK FOR LAST PRT IN 2ND PRT CONN ON 1ST PRT FR

TO 1ST PRT CKT IN 3RD PRT CONN CB — LW-AN — (PRTCMB) JK FOR 1ST PRT IN 3RD PRT CONN FOR 2ND PRT FR

TO LAST PRT CKT IN 3RD PRT CONN CB — (PRTCMB) JK FOR LAST PRT IN 3RD PRT CONN FOR 2ND PRT FR

TO 1ST PREF CONT CKT IN 1ST TR L LK MKR CONN CB — (TLLMCMB) JK FOR 1ST MKR IN 1ST TR L LK MKR CONN

TO LAST PREF CONT CKT IN 1ST TR L LK MKR CONN CB — (TLLMCMB) JK FOR LAST MKR IN 1ST TR L LK MKR CONN

TO 1ST PREF CONT CKT IN LAST TR L LK MKR CONN CB — (TLLMCMB) JK FOR 1ST MKR IN LAST TR L LK MKR CONN

TO LAST PREF CONT CKT IN LAST TR L LK MKR CONN CB — (TLLMCMB) JK FOR LAST MKR IN LAST TR L LK MKR CONN

TO 1ST PREF CONT CKT IN 1ST TR REG MKR CONN CB — (TRMCMB) JK FOR 1ST MKR IN 1ST MKR CONN ON 1ST TR REG MKR CONN FR

TO LAST PREF CONT CKT IN 1ST TR REG MKR CONN CB — (TRMCMB) JK FOR LAST MKR IN 1ST MKR CONN ON 1ST TR REG MKR CONN FR

TO 1ST PREF CONT CKT IN LAST TR REG MKR CONN CB — (TRMCMB) JK FOR 1ST MKR IN LAST MKR CONN ON LAST TR REG MKR CONN FR

TO LAST PREF CONT CKT IN LAST TR REG MKR CONN CB — (TRMCMB) JK FOR LAST MKR IN LAST MKR CONN ON LAST TR REG MKR CONN FR

TO 2ND IDDD PRT CKT IN 3RD PRT CONN CB — (PRTCMB) JK FOR 2ND IDDD PRT IN 3RD PRT CONN

TO 1ST IDDD PRT CKT IN 3RD PRT CONN CB — (PRTCMB) JK FOR 1ST IDDD PRT IN 3RD PRT CONN

TO 2ND IDDD PRT CKT IN 1ST PRT CONN CB — (PRTCMB) JK FOR 2ND IDDD PRT IN 1ST PRT CONN

TO 1ST IDDD PRT CKT IN 1ST PRT CONN CB — (PRTCMB) JK FOR 1ST IDDD PRT IN 1ST PRT CONN

CAD 55

(FOR APP FIG. 8 & 199)

TO OFF TST FR 1ST BAY MMB- — (MMB) JK

TO MKR MBL — (M) LP

TO WB TRK TST REG CKT MKO OR MK1 — (MB) JK

TO MKR CKT MB

TO TRK TST REG CKT AND TO ROTL CKT OR ROTL REG CKT MKO OR MK1 — RUN ON APP FIG. 8 FOR COMB. OR COMPL MKR 0 & 1 ONLY

TO TRK TST REG FR LP — (TTR TO) LP

MB — (TTR MB) JK

TO WB TRK TST REG FR LP

MB

LW-BJ — (MFR DISC) (SEE NOTE 204)

TO MKR 0	B	48	48V
		(MKR-A) TS ON MASTER TST FR CONT BAY	
TO MKR 1	B	0	48V
TO MKR 2	B	2	48V
TO MKR 3	B	4	48V
TO MKR 4	B	6	48V
TO MKR 5	B	8	48V
TO MKR 6	B	50	48V
TO MKR 7	B	52	48V
TO MKR 8	B	54	48V
TO MKR 9	B	56	48V
TO MKR 10	B	57	48V
TO MKR 11	B	58	48V

(MKR-B) TS ON MASTER TST FR CONT BAY

TO FUSE PNL ON MASTER TST FR CONT BAY

TO 3RD IR PRT CKT IN 3RD IR PRTC CB — (PRTCMB) JK FOR 3RD IR PRT IN 3RD IRPRTC IR PRTC

TO 1ST IR PRT CKT IN 3RD IR PRTC CB — (PRTCMB) JK FOR 1ST IR PRT IN 3RD IR PRTC

TO IR PRT FR

TO 3RD IR PRT CKT IN 1ST IR PRTC CB — (PRTCMB) JK FOR 3RD IR PRT IN 1ST IR PRTC

TO 1ST IR PRT CKT IN 1ST IR PRTC CB — (PRTCMB) JK FOR 1ST IR PRT IN 1ST IR PRTC

CAD 57

(FOR APP FIG.10)

TO ORIG REG CKT 2W OR 4W LP — (TO) LP

MB

TO OFFICE TEST FR TEST BAY MB1 — (ORMB) JK

TO TRK LK FR 2W OR 4W MB

RUN ONLY ON TRK LK FR HAVING ORIG REG APP

MULT TO AL... (ORMB) JK ASSOC WITH REG ON SAME 2W OR 4W TRK LK FR

CAD 58

(FOR APP FIG. 11)

TO OFF TST FR TST BAY MB1

MB — (IRMB) JK

INC REG CKT 2W OR 4W LP — (TO) LP

DRAWING ISSUE
500 SAS
530 TM
59D
61D
87B

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MASTER TEST FRAME
JACK, LAMP AND KEY
(2)

SD-25762-01-02

BELL TELEPHONE LABORATORIES INCORPORATED

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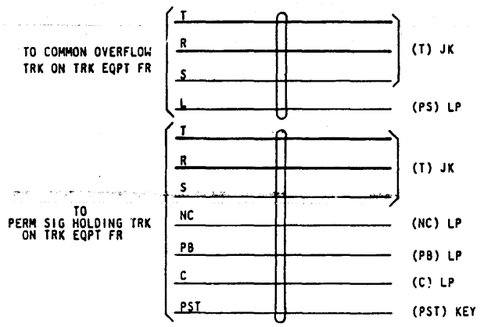
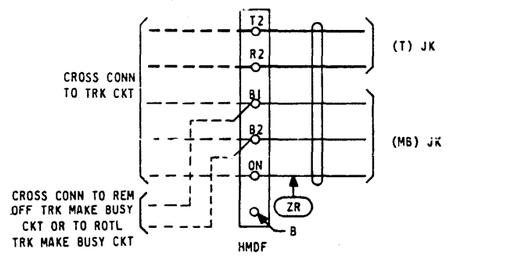
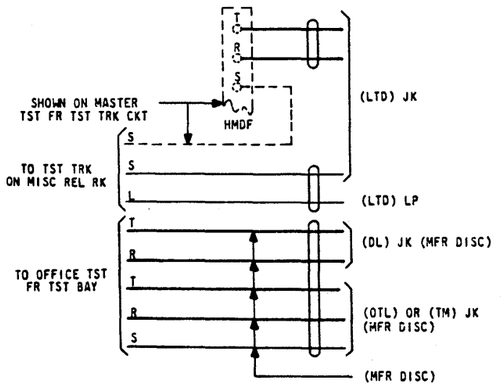
CAD 59
(FOR APP FIG. 12 & 13)



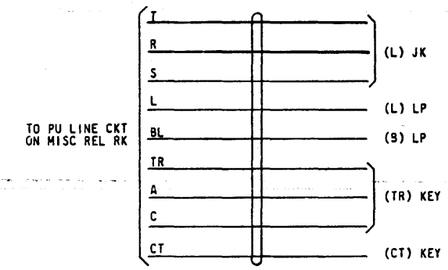
CAD 60
(FOR APP FIG. 14)



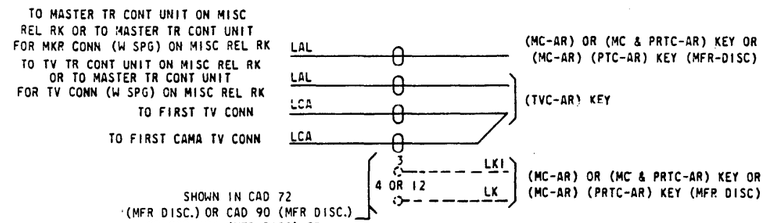
CAD 61
(FOR APP FIG. 15 & 197)



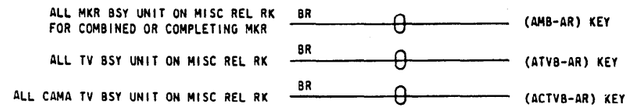
CAD 62
(FOR APP FIG. 16)



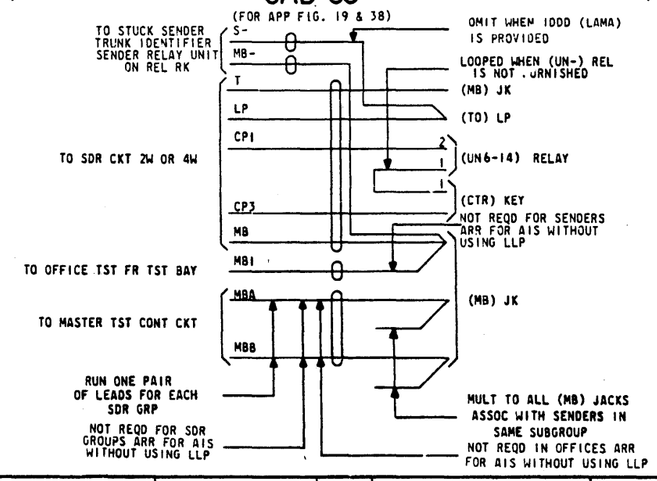
CAD 63
(FOR APP FIG. 17 & 152)
(SEE NOTE 217)



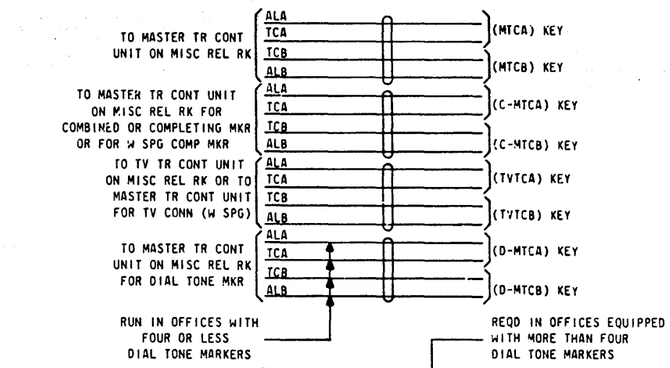
CAD 64
(FOR APP FIG. 18 & 153)
(SEE NOTE 217)



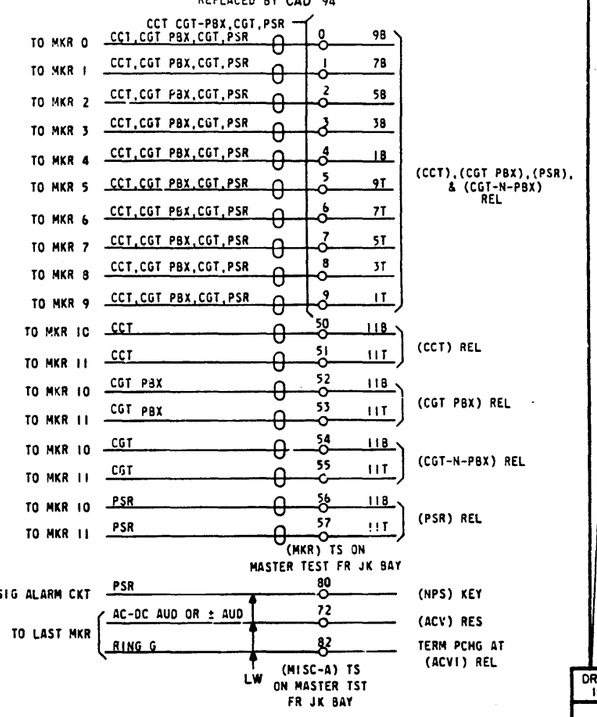
CAD 65
(FOR APP FIG. 19 & 38)



CAD 66
(FOR APP FIG. 20 & 389)



CAD 67 (MFR DISC)
(FOR APP FIG. 21 G OPTION, 34 & 43)
REPLACED BY CAD 94



DRAWING ISSUE	
50D	SAC
53D	RA
54D	
57D	
58A	
61D	

DRAWING ISSUE 85B

MASTER TEST FRAME
JACK,LAMP AND KEY
(2)
SD-25762-01-G3

BELL TELEPHONE LABORATORIES INCORPORATED
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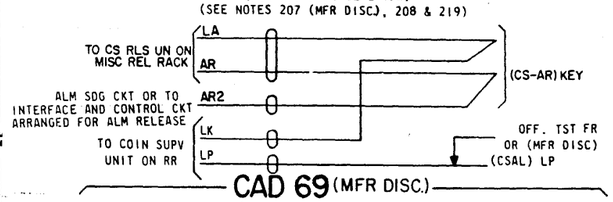
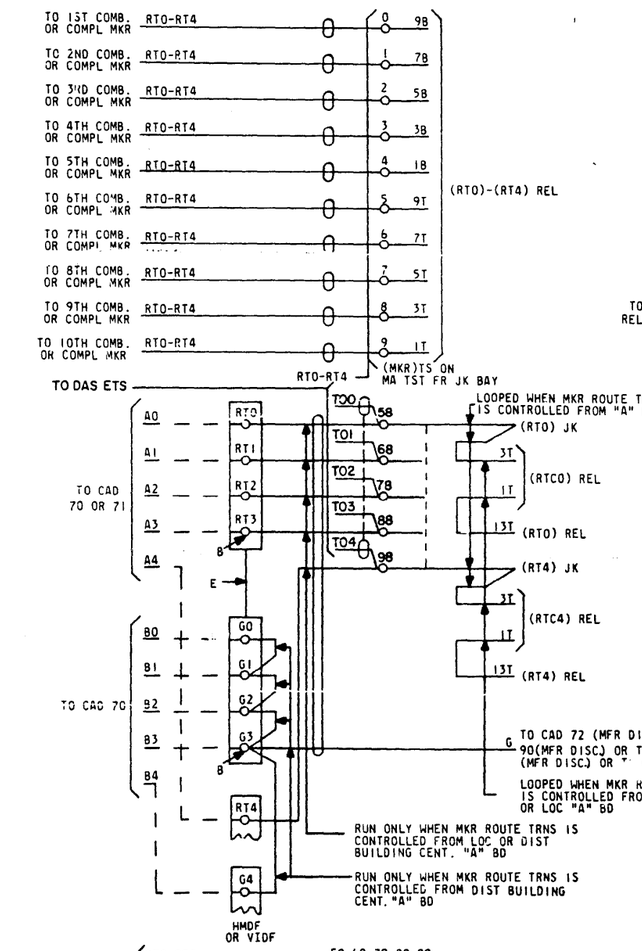
CAD 68

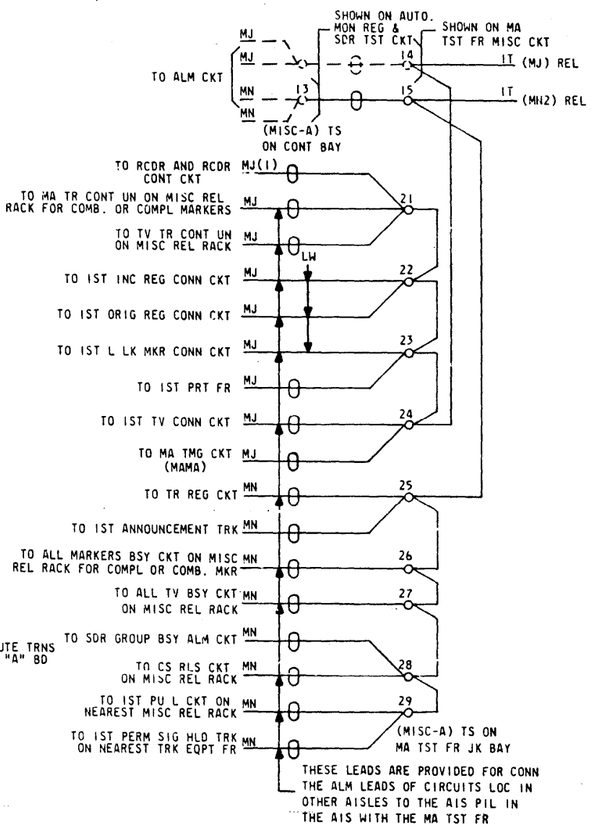
(FOR APP FIG. 22 & 154)
(SEE NOTES 207 (MFR DISC), 208 & 219)



CAD 69 (MFR DISC.)

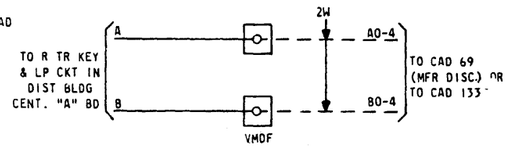
(FOR APP FIG. 23,24 & 25)
REPLACED BY CAD 133 & 136





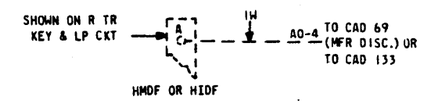
CAD 70

(FOR APP FIG. 25)



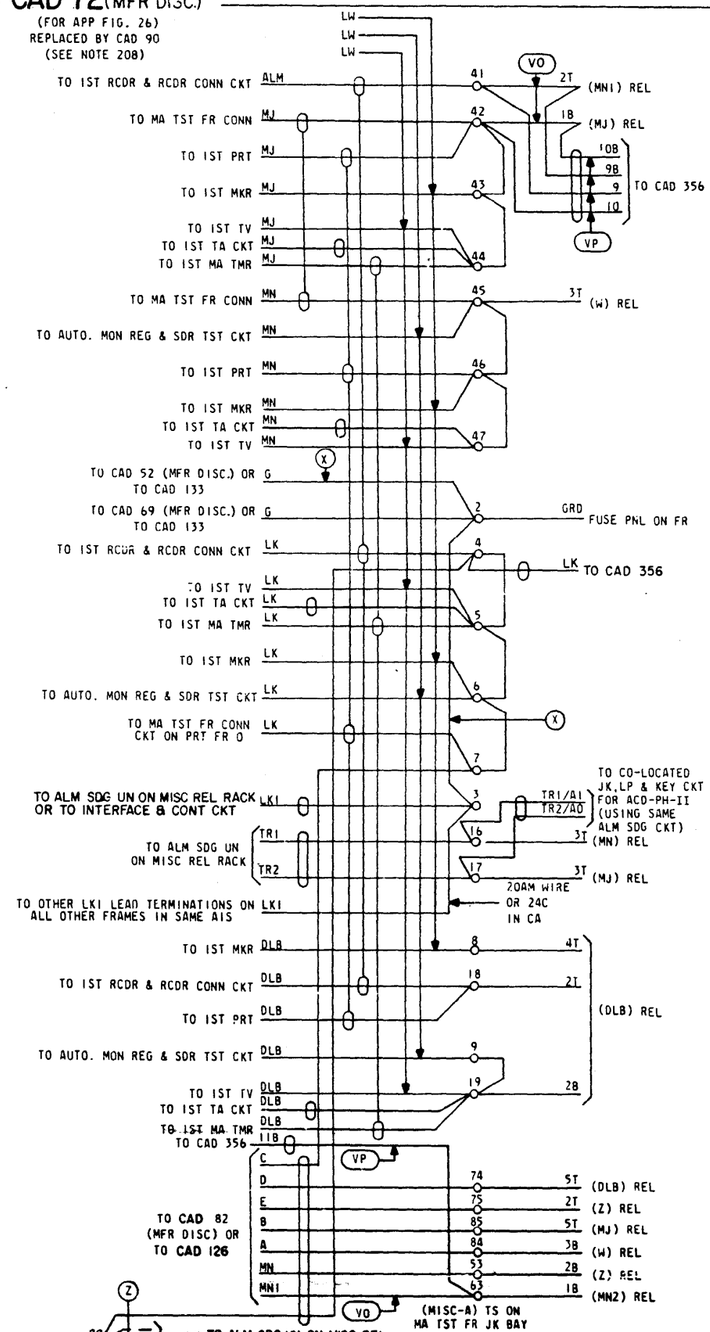
CAD 71

(FOR APP FIG. 23)



CAD 72 (MFR DISC.)

(FOR APP FIG. 26)
REPLACED BY CAD 90
(SEE NOTE 208)



DRAWING ISSUE
530 MS RM
61D

ISSUE 93B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)
SD-25762-01-G4

BELL TELEPHONE LABORATORIES INCORPORATED
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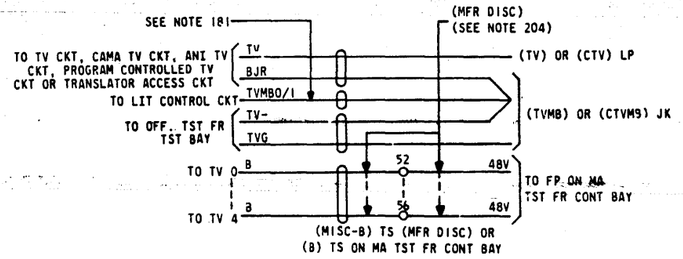
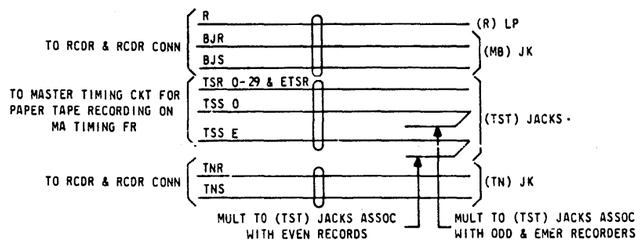
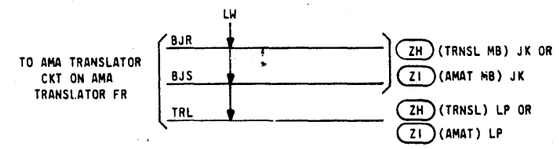
CAD 73
(FOR APP FIG. 27)
(SEE NOTE 217)



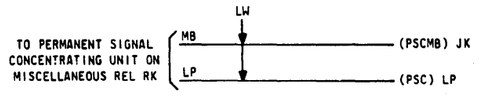
CAD 74
(FOR APP FIG. 28)



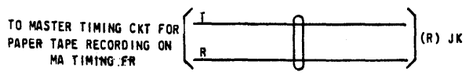
CAD 75
(FOR APP FIG. 30)



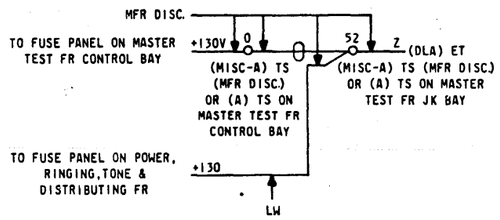
CAD 76
(FOR APP FIG. 29)



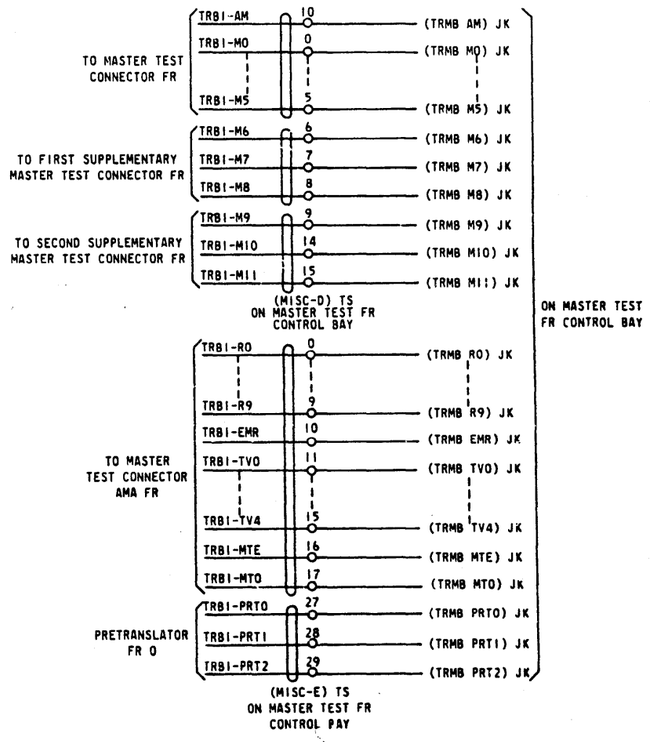
CAD 77
(FOR APP FIG. 31)



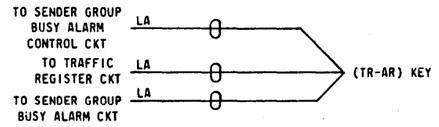
CAD 78
(FOR APP FIG. 32)



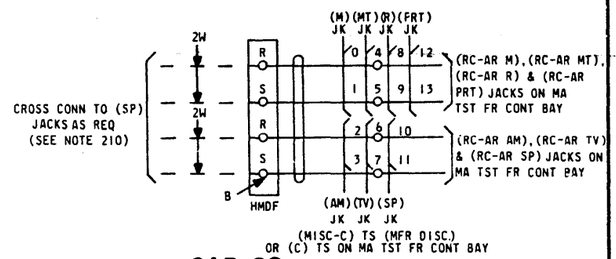
CAD 79 (MFR DISC.)
(FOR APP FIG. 33)
REPLACED BY CAD 95 & 96



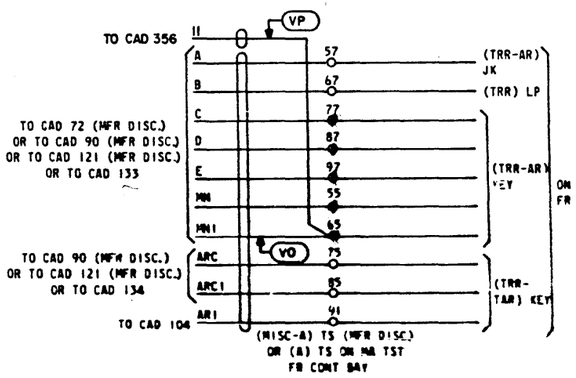
CAD 80
(FOR APP FIG. 36 & 155)



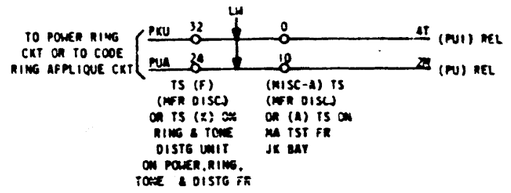
CAD 81 (MFR DISC.)
(FOR APP FIG. 39)
REPLACED BY CAD 128



CAD 82 (MFR DISC.)
(FOR APP FIG. 40)
REPLACED BY CAD 126



CAD 83 (MFR DISC.)
(FOR APP FIG. 41)
REPLACED BY CAD 133



DRAWING ISSUE
530 TFM
58A
59D
61D
64D

ISSUE 90B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)

SD-25762-01-G5

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CAD 84
(FOR APP FIG. 42)

TO CAD 90 (MFR DISC.) OR TO CAD 121 (MFR DISC.) OR TO CAD 134

MN 98 (UN4) REL

MN1 108

LOOP WHEN (UN4) REL IS NOT PROV'DED

CAD 87 (MFR DISC.)
(FOR APP FIG. 46)
(SEE NOTE 204)

TO PRETRANSLATOR FR 0 — 8 — 23 — 48V

TO PRETRANSLATOR FR 1 — 8 — 24 — 48V

TO FUSE PANEL ON MASTER TEST FR CONTROL BAY

LW (MISC -E) TS ON MASTER TEST FR CONTROL BAY

CAD 85 (MFR DISC.)
(FOR APP FIG. 44)
REPLACED BY CAD 134

TO 11TH COMBINED OR COMPLETING MKR

RT0	0	1T	(RT0') REL
RT1	1	1T	(RT1') REL
RT2	2	1T	(RT2') REL
RT3	3	1T	(RT3') REL
RT4	4	1T	(RT4') REL

TO 12TH COMBINED OR COMPLETING MKR

RT0	10	3T	(RT0') REL
RT1	11	3T	(RT1') REL
RT2	12	3T	(RT2') REL
RT3	13	3T	(RT3') REL
RT4	14	3T	(RT4') REL

(MISC-B) TS (MFR DISC.) OR (B) TS ON MASTER TST FR JK BAY

CAD 88
(FOR APP FIG. 47)

TO PRETRANSLATOR FR 0

BSR (BSR 0,0-1,2) JK

SGL (SG 0,0-1,2) LP

TO PRETRANSLATOR FR 1

BSR (BSR 2,0-2,2) JK

SGL (SG 2,0-2,2) LP

TO IR PRT FR

TO PRT2

BSR2	(BSR) JK
SGL2	(SG2) LP
BSRO	(BSRO) JK
SGLO	(SGO) LP

TO PRT0

BSR2	(BSR2) JK
SGL2	(SG2) LP
BSRO	(BSRO) JK
SGLO	(SGO) LP

CAD 86
(FOR APP FIG. 45)

TO PRETRANSLATOR 0

MB (PRTMB 0) JK

PBL (PRT 0) LP

TO PRETRANSLATOR 1

MB (PRTMB 1) JK

PBL (PRT 1) LP

TO PRETRANSLATOR 2

MB (PRTMB 2) JK

PBL (PRT 2) LP

TO IR PRT FR

TO PRT 2

MB (PRTMB 2) JK

PBL (PRT 2) LP

TO PRT 1

MB (PRTMB 1) JK

PBL (PRT 1) LP

TO PRT 0

MB (PRTMB 0) JK

PBL (PRT 0) LP

TO IDDD PRETRANSLATOR FR PRETRANSLATOR 1

MB (PRTMB 1) JK

PBL (PRT 1) LP

TO IDDD PRETRANSLATOR FR PRETRANSLATOR 0

MB (PRTMB 0) JK

PBL (PRT 0) LP

TO OFFICE TEST FR CKT

MB (RO)
MB (R1)
MB (IR1)
MB (IRO)
MB (ID1)
MB (IDO)

SG (PRTMB 0) JK

CAD 89
(FOR APP FIG. 48)

TO ORIGINATING REG FR — RG — (RSGP 0-23) LP

TO IR PRT CONT UNIT ON IR OP FR OR IR FR (A & M) — RG — (RSGP 0-19) LP

DRAWING ISSUE
530 LR
59D
61D

ISSUE 87B

MASTER TEST FRAME JACK, LAMP AND KEY (2)

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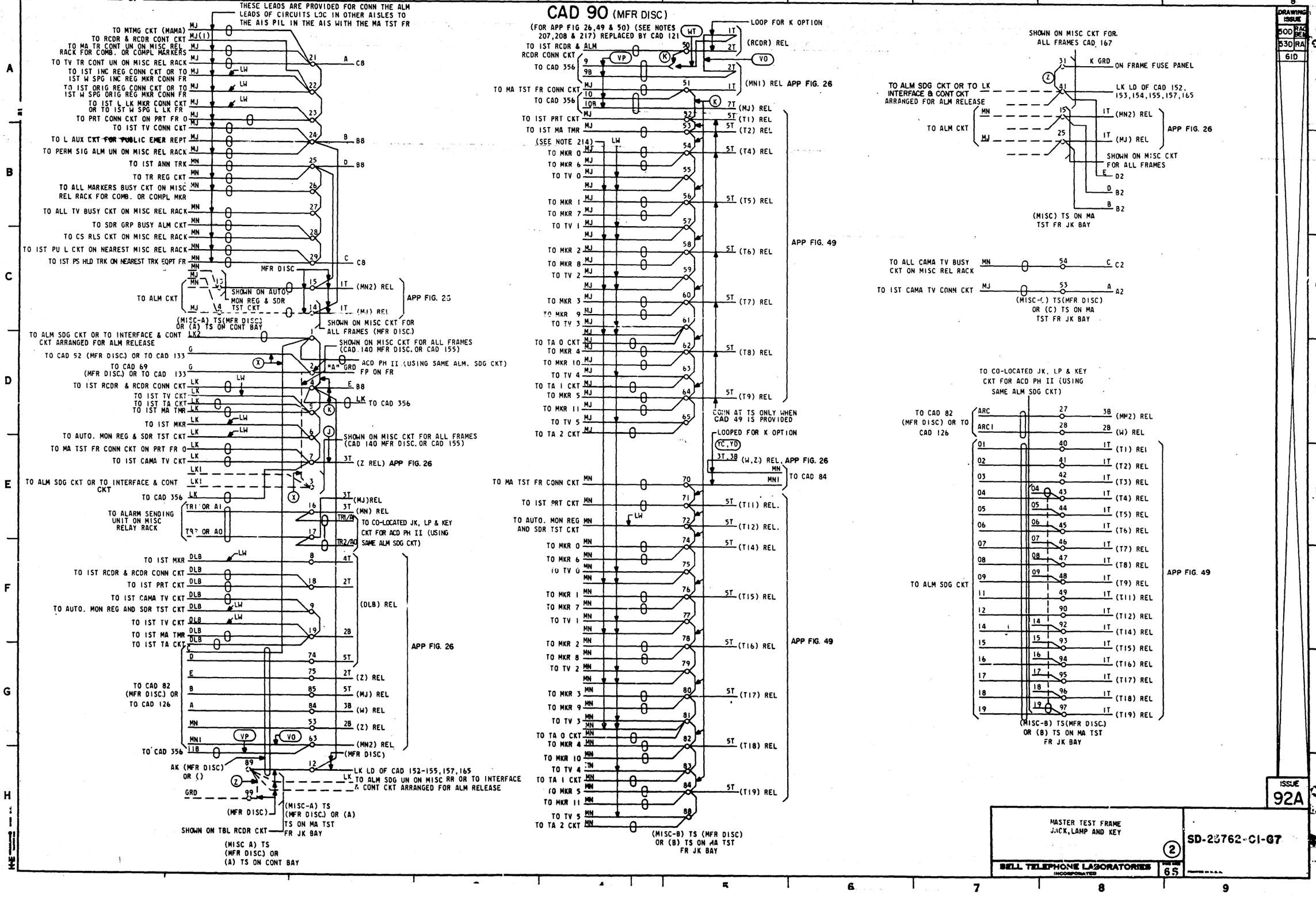
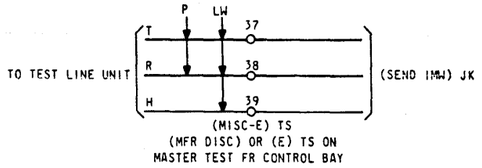
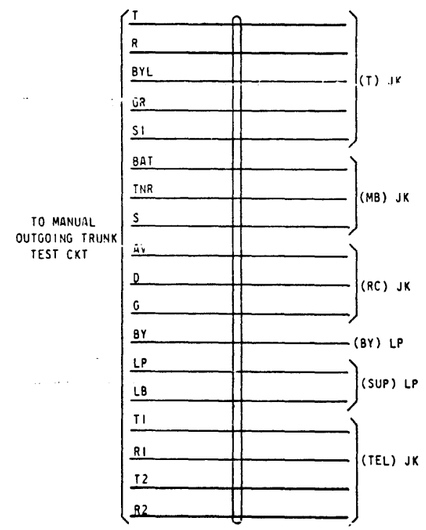
CAD 90 (MFR DISC)



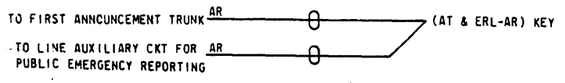
CAD 91 (MFR DISC.)
(FOR APP FIG. 151)



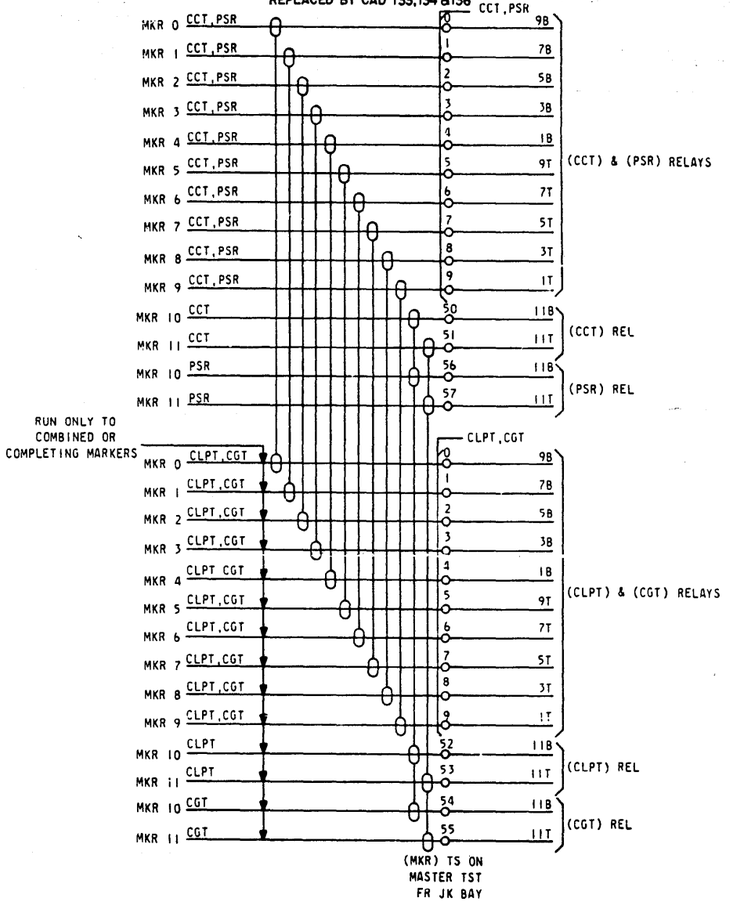
CAD 92 (MFR DISC.)
(FOR APP FIG. 156)
REPLACED BY CAD 135

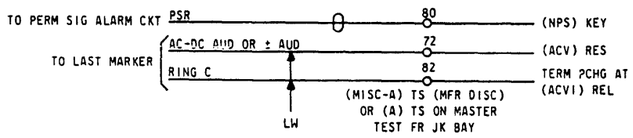


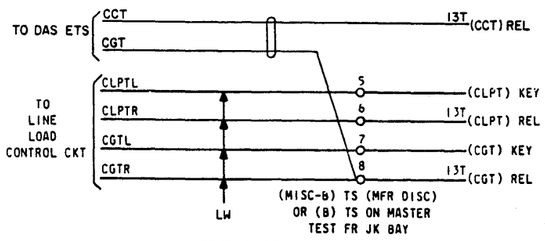
CAD 93
(FOR APP FIG. 157)



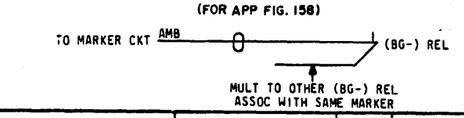
CAD 94 (MFR DISC.)
(FOR APP FIG. 21 "F" OPTION, 34 & 43)
REPLACED BY CAD 133, 134 & 136



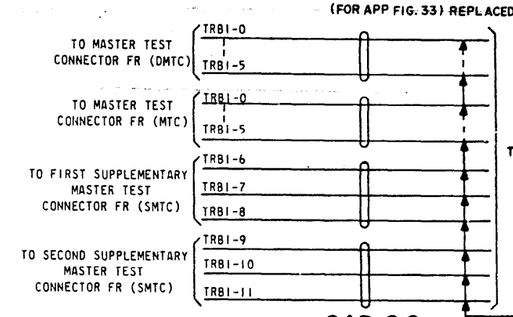




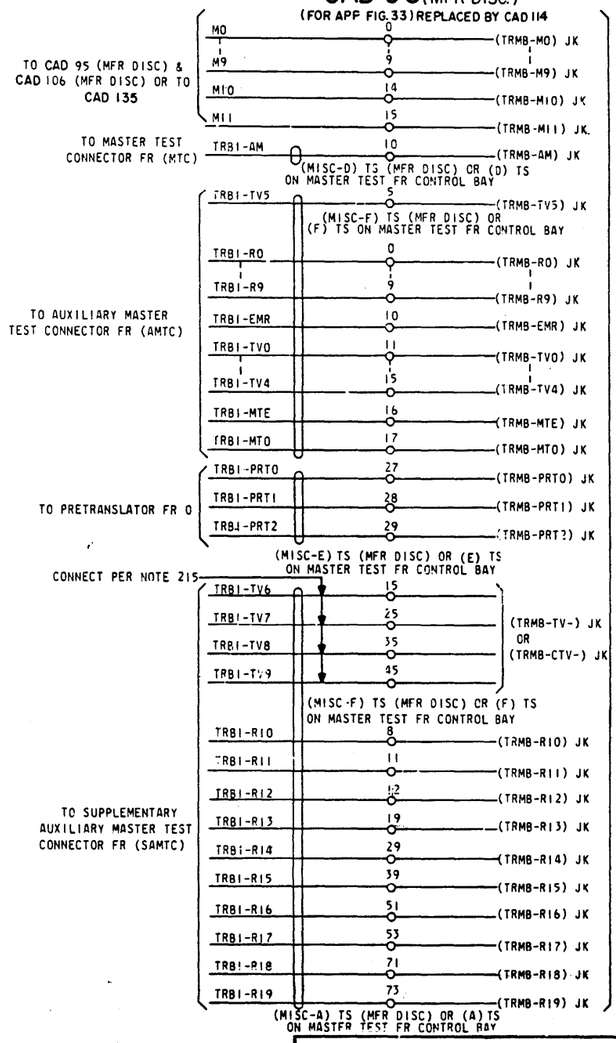
CAD 97
(FOR APP FIG. 158)



CAD 95 (MFR DISC.)
(FOR APP FIG. 33) REPLACED BY CAD 114



CAD 96 (MFR DISC.)
(FOR APP FIG. 33) REPLACED BY CAD 114



DRAWING ISSUE	
53D	LRF
61D	

ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY (2)

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BELL TELEPHONE LABORATORIES INCORPORATED 6S

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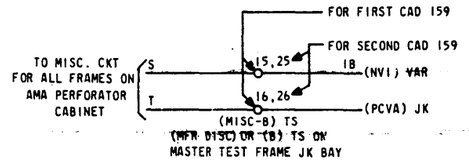
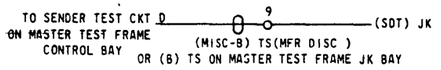
CAD 98 (MFR DISC.)

(FOR APP FIG. 159)
REPLACED BY CAD 134



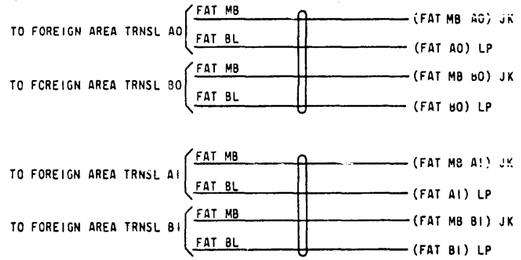
CAD 99 (MFR DISC.)

(FOR APP FIG. 160)
REPLACED BY CAD 134



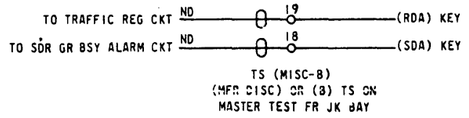
CAD 100

(FOR APP FIG. 161)



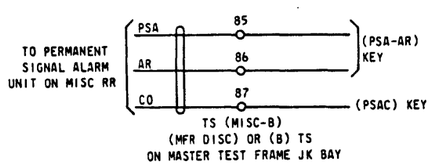
CAD 101 (MFR DISC.)

(FOR APP FIG. 163)
REPLACED BY CAD 134



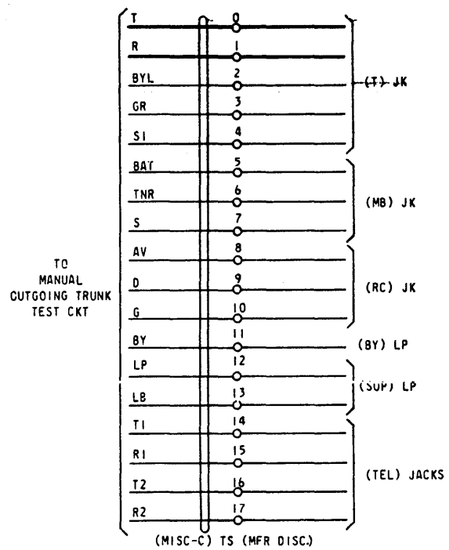
CAD 102 (MFR DISC.)

(FOR APP FIG. 165)
REPLACED BY CAD 120



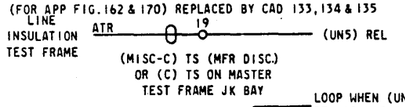
CAD 103 (MFR DISC.)

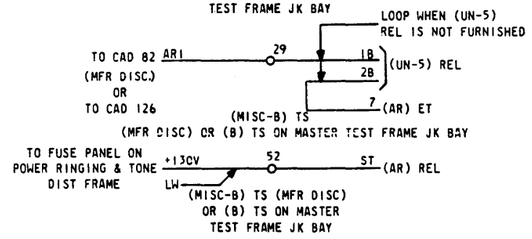
(FOR APP FIG. 156)
REPLACED BY CAD 134



CAD 104 (MFR DISC.)

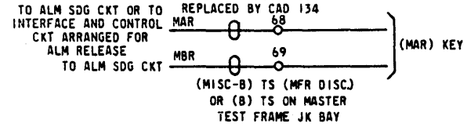
(FOR APP FIG. 162 & 170) REPLACED BY CAD 133, 134 & 135





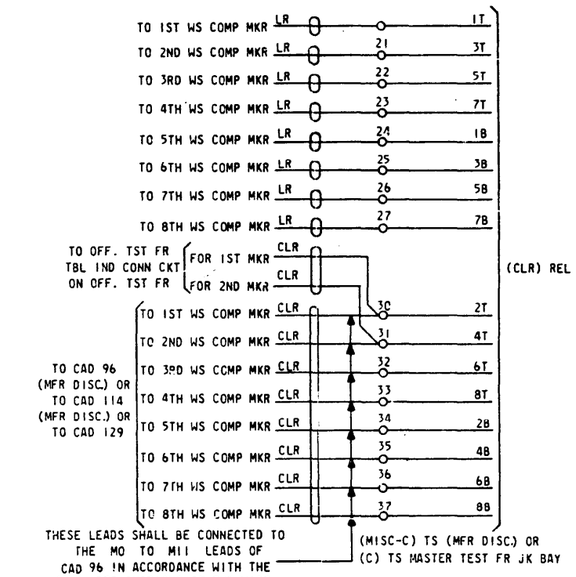
CAD 105 (MFR DISC.)

(FOR APP FIG. 167)
REPLACED BY CAD 134



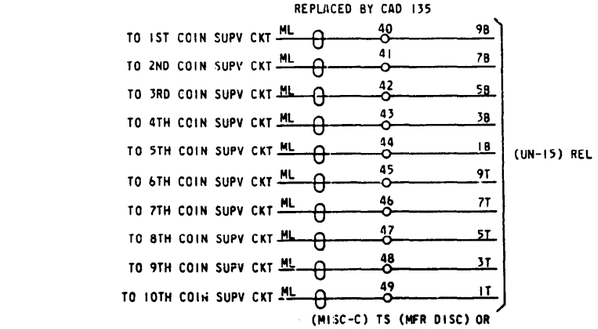
CAD 106 (MFR DISC.)

(FOR APP FIG. 164)
REPLACED BY CAD 135



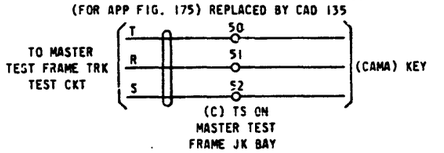
CAD 107 (MFR DISC.)

(FOR APP FIG. 169)
REPLACED BY CAD 135



CAD 108 (MFR DISC.)

(FOR APP FIG. 175) REPLACED BY CAD 135



DRAWING ISSUE 530 LRP 610

ISSUE 86A

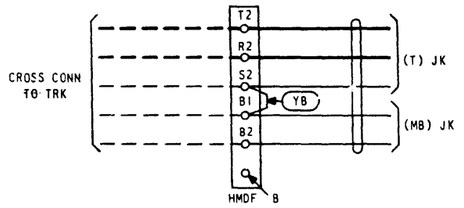
MASTER TEST FRAME JACK, LAMP AND KEY (2)

SD-25762-01-69

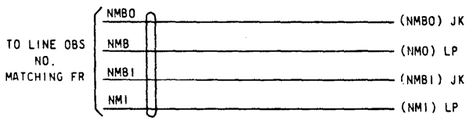
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25762-01-69

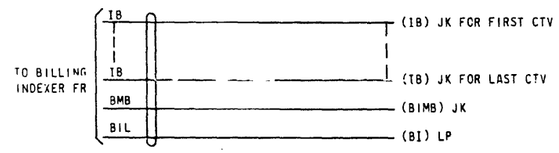
CAD 109
(FOR APP FIG. 174)



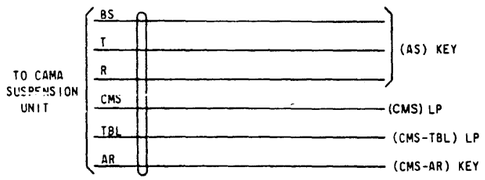
CAD 110
(FOR APP FIG. 173)



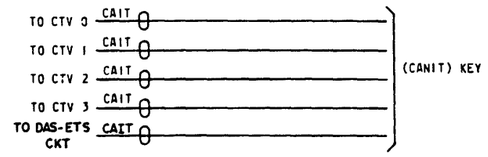
CAD 111
(FOR APP FIG. 171 & 172)



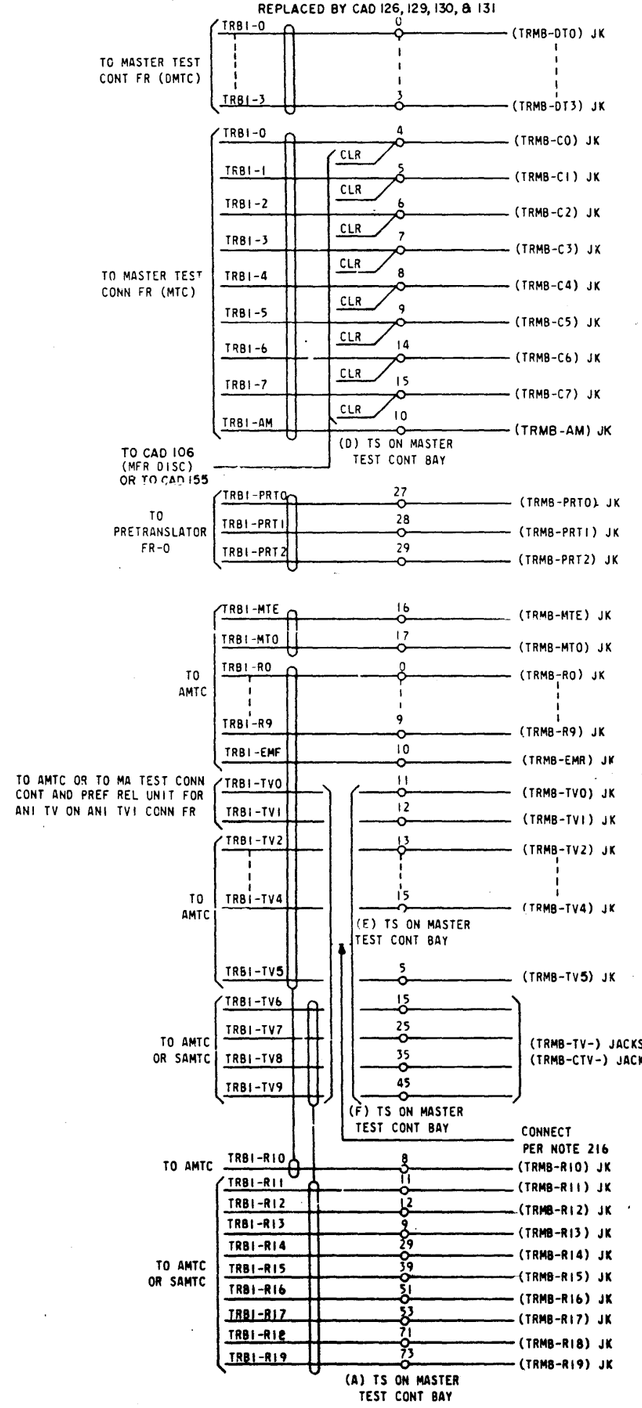
CAD 112
(FOR APP FIG. 176 & 178)



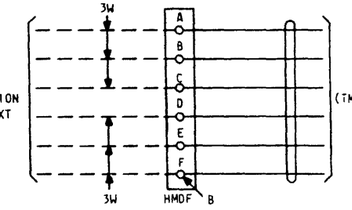
CAD 113
(FOR APP FIG. 177)



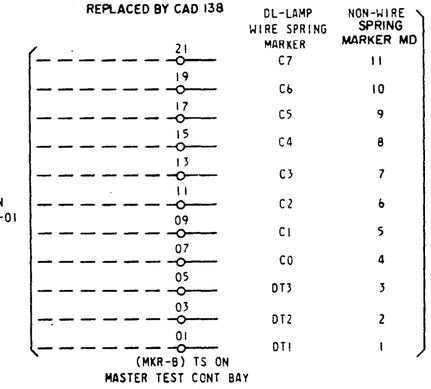
CAD 114 (MFR DISC.)
(FOR APP FIG. 33) (SEE NOTE 217)
REPLACED BY CAD 126, 129, 130, & 131



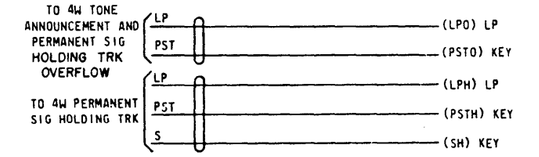
CAD 115 (MFR DISC.)
(FOR APP FIG. 179) REPLACED BY CAD 150



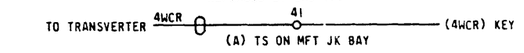
CAD 116 (MFR DISC.)
(FOR APP FIG. 2 ASSOC WITH MARKERS)
REPLACED BY CAD 138



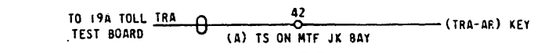
CAD 117
(FOR APP FIG. 182 & 183)



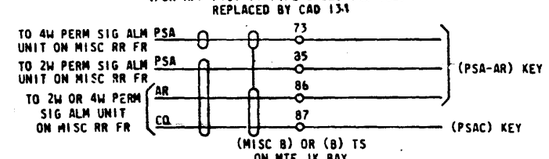
CAD 118 (MFR DISC)
(FOR APP FIG. 185)
REPLACED BY CAD 133



CAD 119 (MFR DISC)
(FOR APP FIG. 181)
REPLACED BY CAD 133



CAD 120 (MFR DISC)
(FOR APP FIG. 184)(REPLACES CAD 102)
REPLACED BY CAD 134



DRAWING ISSUE
530 DM
610

ISSUE 93B

MASTER TEST FRAME JACK, LAMP AND KEY

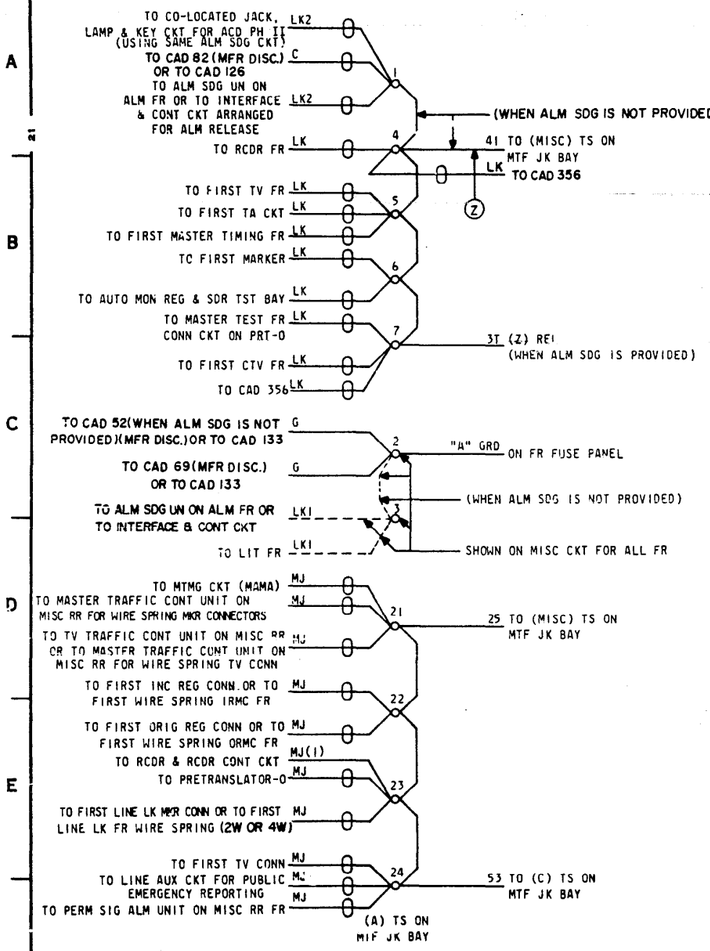
(2)

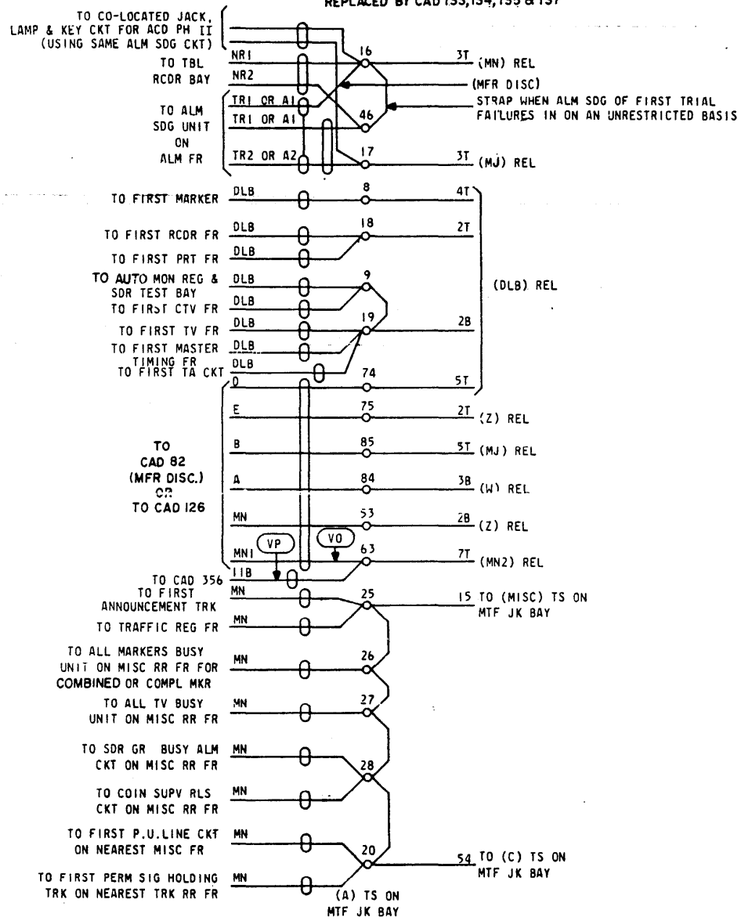
SD-25762-01-GIC

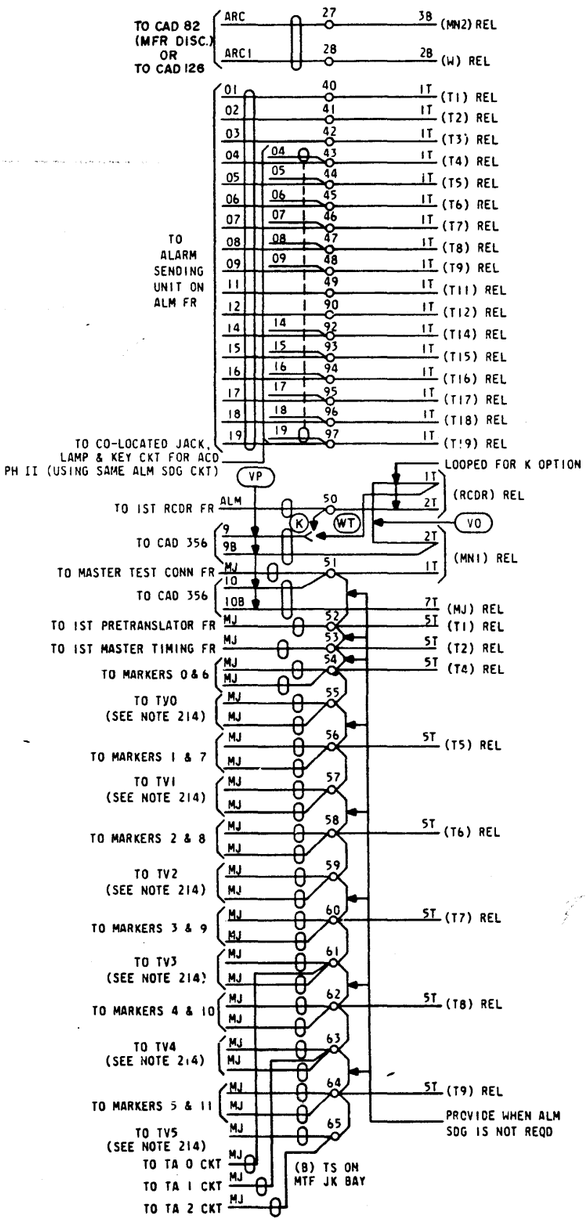
SD-25762-01-GIC

PART OF CAD 121 (MFR DISC.)

(FOR APP FIG. 26, 49 & 50) SEE NOTES 207, 208 & 217)
REPLACED BY CAD 133, 134, 135 & 137







DRAWING ISSUE
530 DM
610

ISSUE 92A

MASTER TEST FRAME
JACK, LAMP AND KEY (2)

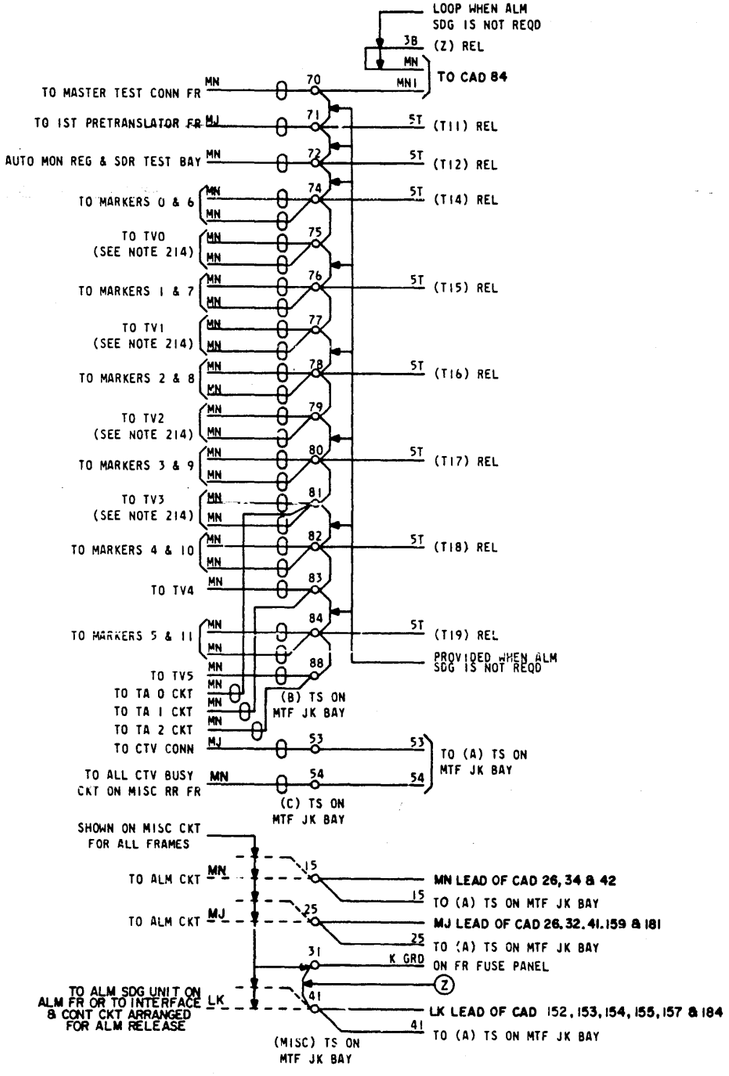
SD-25762-01-611

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25762-01-611

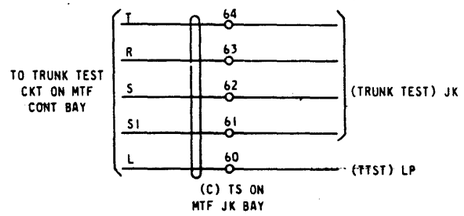
PART OF CAD 121 (MFR DISC.)

(FOR APP FIG. 26, 49 & 50) (SEE NOTES 207, 208 & 217)
REPLACED BY CAD 133, 134, 135 & 137



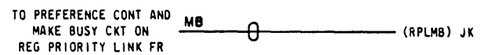
CAD 122 (MFR DISC.)

(FOR APP FIG. 186)
REPLACED BY CAD 135



CAD 123 (MFR DISC.)

(FOR APP FIG. 187)



DRAWING ISSUE
530 DM
610

ISSUE 908

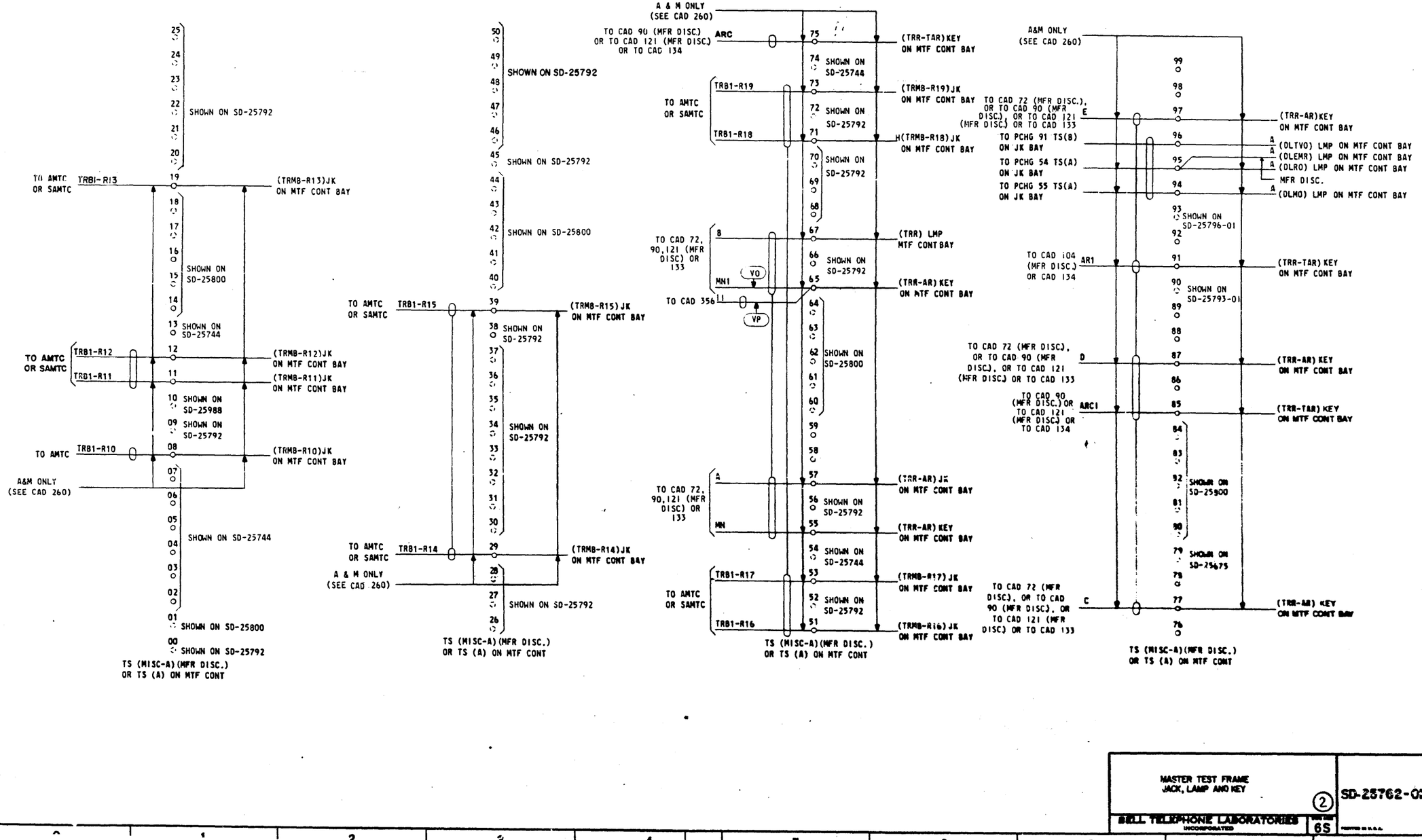
MASTER TEST FRAME JACK, LAMP AND KEY
2
SD-25752-01-012

BELL TELEPHONE LABORATORIES

SD-25762-01-012

CAD 126

(FOR APP FIG.1,2,3,33,40)



DRAWING ISSUE	
33D	GMI R. W. ANDO
43D	PH PETTI AND
47D	JEK I.C. AMD
53D	LRF
61D	

ISSUE 90B

SD-25762-01-613

MASTER TEST FRAME JACK, LAMP AND KEY (2)	SD-25762-01-613
BELL TELEPHONE LABORATORIES INCORPORATED	6S

CAD 127 (MFR DISC)

(FOR APP FIG.1,2&3)(SEE CAD 274)

TO TV4 OR TA CKT (SEE NOTE 217) DL 76 (DL TV4)LMP
TO TV3 OR TA CKT (SEE NOTE 217) DL 75 (DL TV3)LMP
TO TV2 OR TA CKT (SEE NOTE 217) DL 74 (DL TV2)LMP
TO TV1 OR TA CKT (SEE NOTE 217) DL 73 (DL TV1)LMP
TO TV0 OR TA CKT (SEE NOTE 217) DL 72 (DL TV0)LMP
ON MTF CONT BAY

SEE NOTE 214 AND 217:
DL 46
DL 44
DL 43
DL 42
(DLTV-)LMP OR (DLCTV-)LMP

TO TV5 OR TA CKT (SEE NOTE 217) DL 41 (DL TV5)LMP

TS (MISC B)(MFR DISC.) OR TS (B) ON MTF CONT BAY

COMPLETE TS SHOWN ON (SD-25918)

CAD 128

(FOR APP FIG. 1,2,3 & 39)

A&M ONLY (SEE CAD 260)

35 34 33 32 31 30 SHOWN ON SD-25918

TO RCDR 9 DL 29 (DL-R9)LMP
TO RCDR 0 DL 20 (DL-R0)LMP
TO EMR R DL 19 (DL-EMR)LMP
TO ODD MASTER TIMER 18 (DL-MTO)LMP
TO EVEN MASTER TIMER 17 (DL MTE)LMP
TO PRETRANSLATOR 0 DL 16 (DL-PT0)LMP
TO PRETRANSLATOR 1 DL 15 (DL-PT1)LMP
TO PRETRANSLATOR 2 DL 14 (DL-PT2)LMP
ON MTF CONT BAY
(MFR DISC)

(M)(MT) (R)(PRT)
JK JK JK JK
2W R S 00 04 08 12 (RC-AR M), (RC-AR MT), (RC-AR R) & (RC-AR PRT) JACKS ON MTF CONT BAY
CROSS CONN TO (SP) JACKS AS REQD (SEE NOTE 210)
2W R S 01 05 09 13
2W R S 02 06 10 (RC-AR AM), (RC-AR TV) & (RC-AR SP) JACKS ON MTF CONT BAY
2W R S 03 07 11
HMDF

(AM)(TV)(SP)
JK JK JK
TS(MISC-C) (MFR DISC.) OR TS(C) ON MTF CONT BAY

TO STUCK SDR TRK IDENT AUTO OR MAN CONT UNIT ON REL RK DL (DL-SS)JK

49 48 47 46 45 44 43 42 41 40 39 38 37 36 SHOWN ON SD-25918

TS(MISC-C)(MFR DISC)OR TS(C) ON MTF CONT BAY

CAD 129 (A&M ONLY)

(FOR APP FIG. 33) (SEE CAD 260)

TO CAD 135

TRB1-7 CLR 15 (TRMB-C7)JK
TRB1-6 CLR 14 (TRMB-C6)JK
TRB1-AM CLR 10 (TRMB-AM)JK
TRB1-5 CLR 9 (TRMB-C5)JK
TRB1-4 CLR 8 (TRMB-C4)JK
TRB1-3 CLR 7 (TRMB-C3)JK
TRB1-2 CLR 6 (TRMB-C2)JK
TRB1-1 CLR 5 (TRMB-C1)JK
TRB1-0 CLR 4 (TRMB-C0)JK

TO MASTER TST CONN FR (MTC)

TRB1-3 3 (TRMB-DT3)JK
TRB1-0 0 (TRMB-DT0)JK
TO MASTER TST CONN FR(DMTC)

ON MTF CONT BAY

TS(D) ON MTF CONT BAY

COMPLETE TS SHOWN ON (SD-25800)

CAD 130

(FOR APP FIG.1,2,3 & 33)

A&M ONLY (SEE CAD 260)

TO RCDR 19 DL 49 (DL-R19)LMP
TO RCDR 10 DL 40 (DL-R10)LMP

39 38 37 36 35 34 33 SHOWN ON SD-25800

59 58 57 56 55 54 53 52 51 50 SHOWN ON SD-25800

TS(MISC E) MFR DISC OR TS(E) ON MTF CONT BAY

ON MTF CONT BAY

TO PRETRANSLATOR FR 0

TRB1-PRT2 29 (TRMB-PRT2)JK
TRB1-PRT1 28 (TRMB-PRT1)JK
TRB1-PRT0 27 (TRMB-PRT0)JK

26 25 SHOWN ON SD-25800
24 23 22 21 SHOWN ON SD-25800
20 19 18

TRB1-MTO 17 (TRMB-MTO)JK
TO AMTC
TRB1-MTE 16 (TRMB-MTE)JK
CONNECT PER NOTE 216

TRB1-TV4 15 (TRMB-TV4)JK
TO AMTC (A&M ONLY) OR MTC
TRB1-TV2 13 (TRMB-TV2)JK
TO AMTC(A&M)ONLY OR MTC OR TO MA TST CONN CONT AND PREF REL UNIT FOR ANI TV ON ANI TV1 CONN FR
TRB1-TV1 12 (TRMB-TV1)JK
TRB1-TV0 11 (TRMB-TV0)JK
ON MTF CONT BAY

TRB1-EMR 10 (TRMB-EMR)JK
TRB1-R9 9 (TRMB-R9)JK
TO AMTC
TRB1-R0 0 (TRMB-R0)JK

TS(MISC E)(MFR DISC.)OR TS(E) ON MTF CONT BAY

CAD 131

(FOR APP FIG. 33)

ON MTF CONT BAY

TRB1-TV9
TRB1-TV8
TRB1-TV7
TRB1-TV6
TRB1-TV5
TO AMTC (A&M ONLY) OR SAMTC (A&M ONLY) OR MTC
TO AMTC (A&M ONLY) OR MTC

45 35 25 15 05 (TRMB-TV-)JACKS (TRMB-CTV-)JACKS (TRMB-TV5)JK

CONNECT PER NOTE 216

TS(F) ON MTF CONT BAY COMPLETE TS SHOWN ON (SD-25800)

CAD 132 (A&M ONLY)

(FOR APP FIG.1,2 & 3) (SEE CAD 262)

TO MKR W SPG NOM W SPG (MB) DTO 0
DL 49 TS(MKR-A) ON MTF CONT BAY
(DL-)LP W SPG NOM W SPG (MB) DTO 0

COMPLETE TS SHOWN ON (SD-25800)

ON MTF CONT BAY

DRAWING ISSUE	
33D	EA A M AM
47D	WM T.B AMC
53D	TRM
54D	
61D	

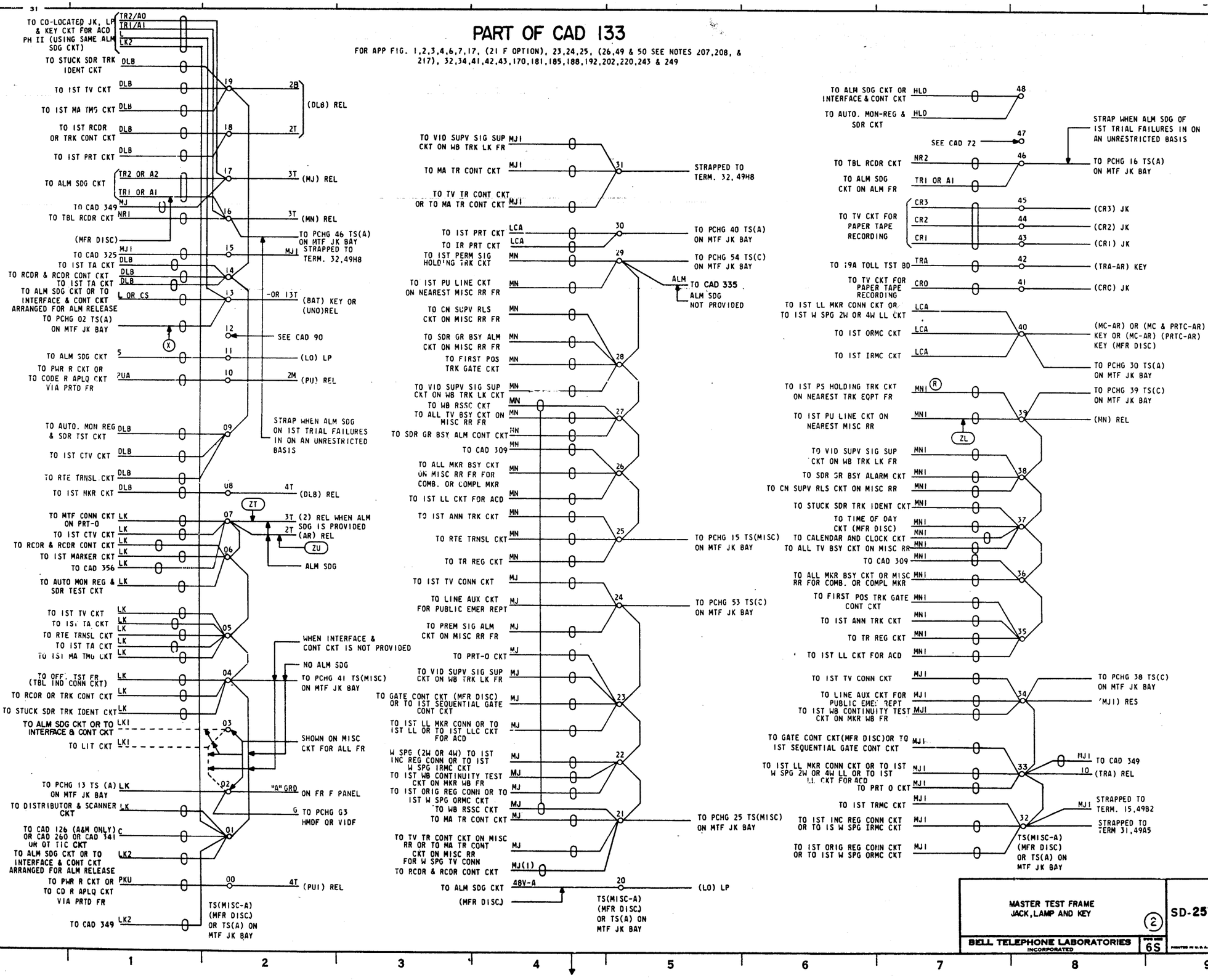
ISSUE 90B

MASTER TEST FRAME JACK, LAMP AND KEY (2) SD-25762-01-614

SD-25762-01-614

PART OF CAD 133

FOR APP FIG. 1,2,3,4,6,7,17, (21 F OPTION), 23,24,25, (26,49 & 50 SEE NOTES 207,208, & 217), 32,34,41,42,43,170,181,185,188,192,202,220,243 & 249



DRAWING ISSUE
52A RA
53D RA
54D
55A
57D
59D
61D
64D

ORAWING ISSUE
96B

MASTER TEST FRAME
JACK, LAMP AND KEY

(2)

SD-25762-01-615

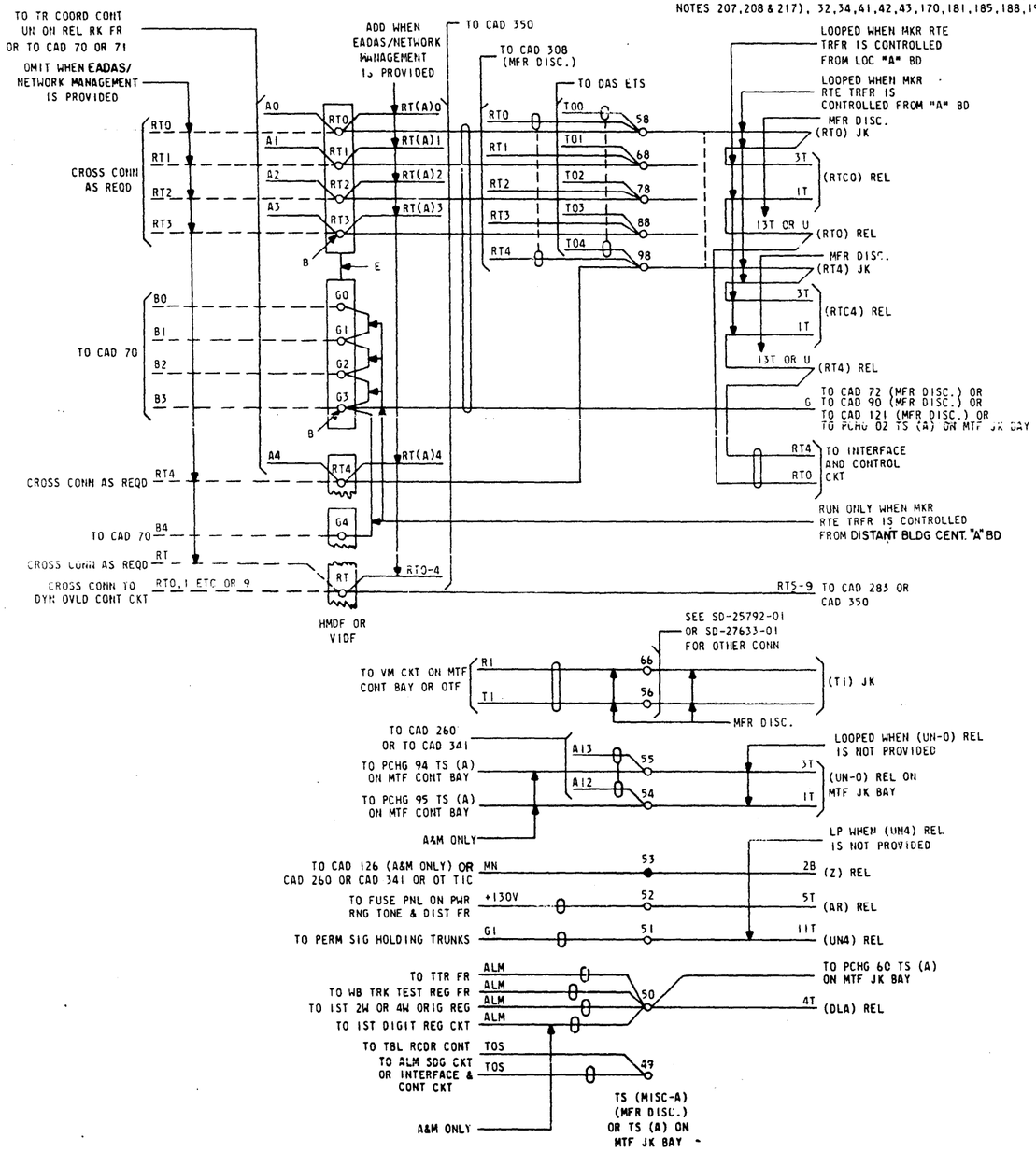
BELL TELEPHONE LABORATORIES INCORPORATED

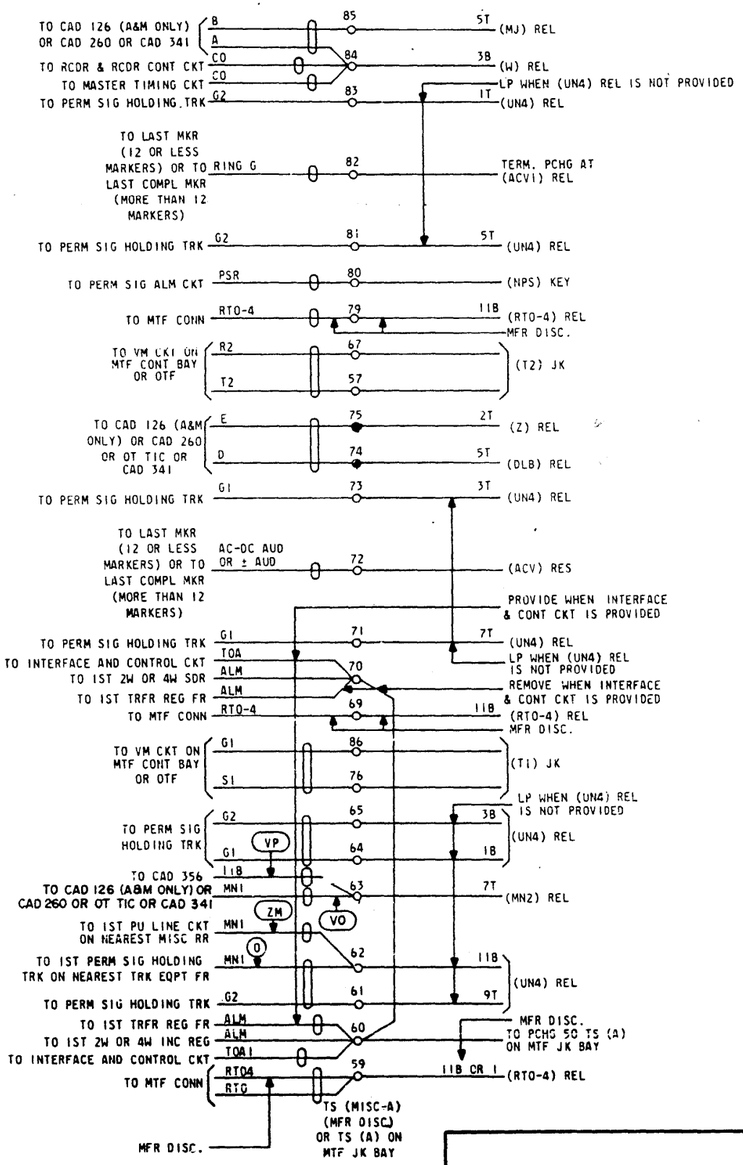
6S

SD-25762-01-615

PART OF CAD 133

(FOR APP FIG. 1,2,3,4,6,7,17, (21 OPTION F), 23,24,25, (26,49 & 50 SEE NOTES 207,208 & 217), 32,34,41,42,43,170,181,185,188,192,202,220,243,249)

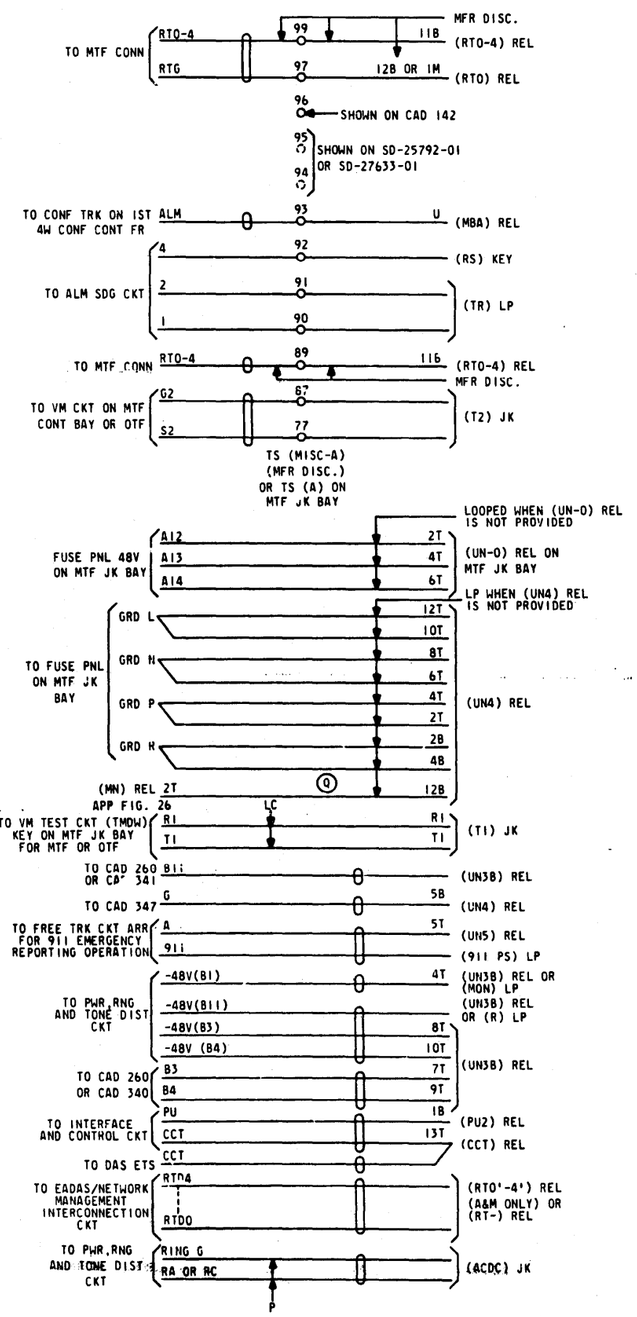




MASTER TEST FRAME JACK, LAMP AND KEY	DWG SIZE 6S	ISSUE 93B
	SD-25762-01	GB

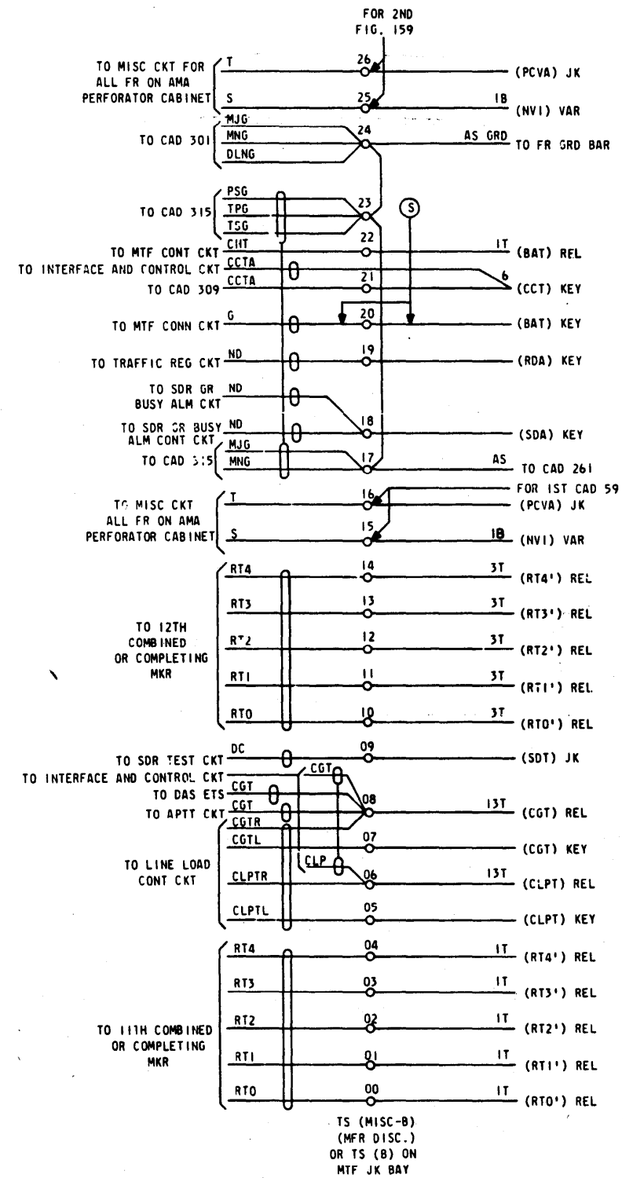
PART OF CAD 133

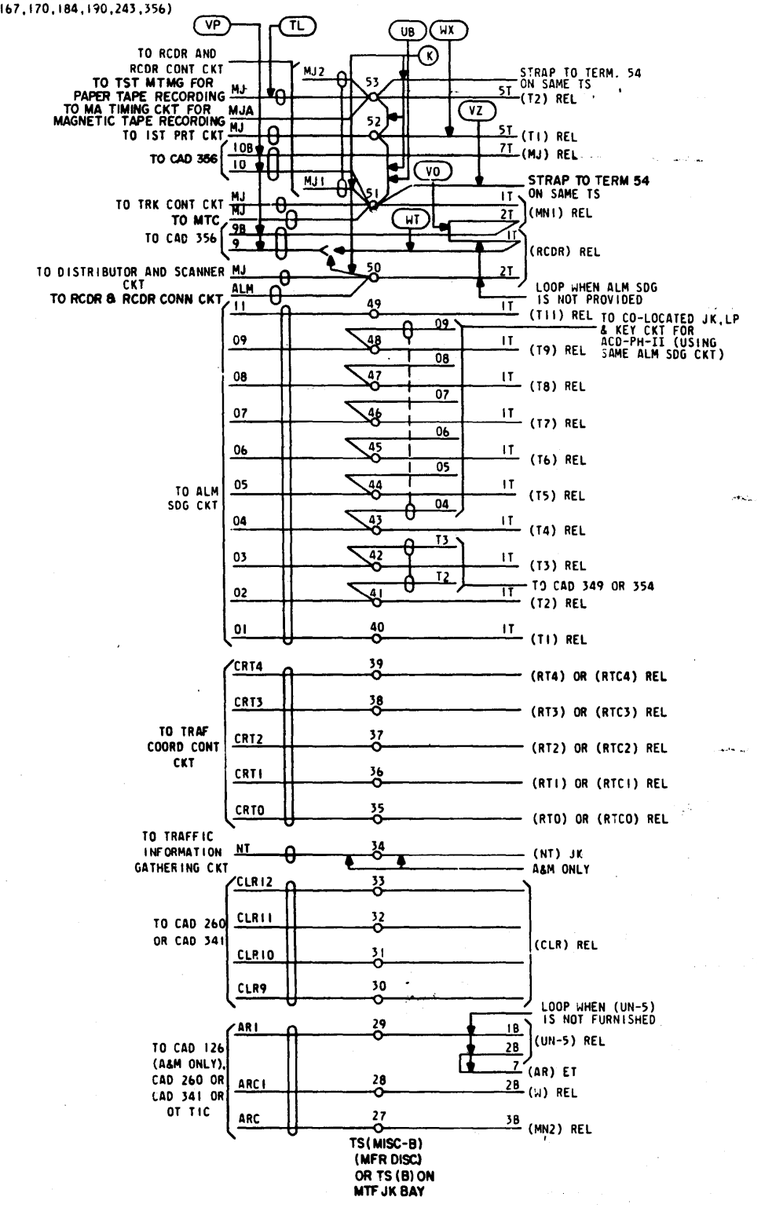
(FOR APP FIG. 1,2,3,4,6,7,17,(21 OPTION F),23,24,25,(26,49 & 50 SEE NOTES 207,208 & 217),32,34,41,42,43,170,181,185,188,192,202,220, 243,249,441)



PART OF CAD 134

(FOR APP FIG. 4,5,(21 OPTION F),(25,26,49 & 50 SEE NOTES 207, 208 & 217),34,43,44,159,160,162,163,167,170,184,190,243,356)





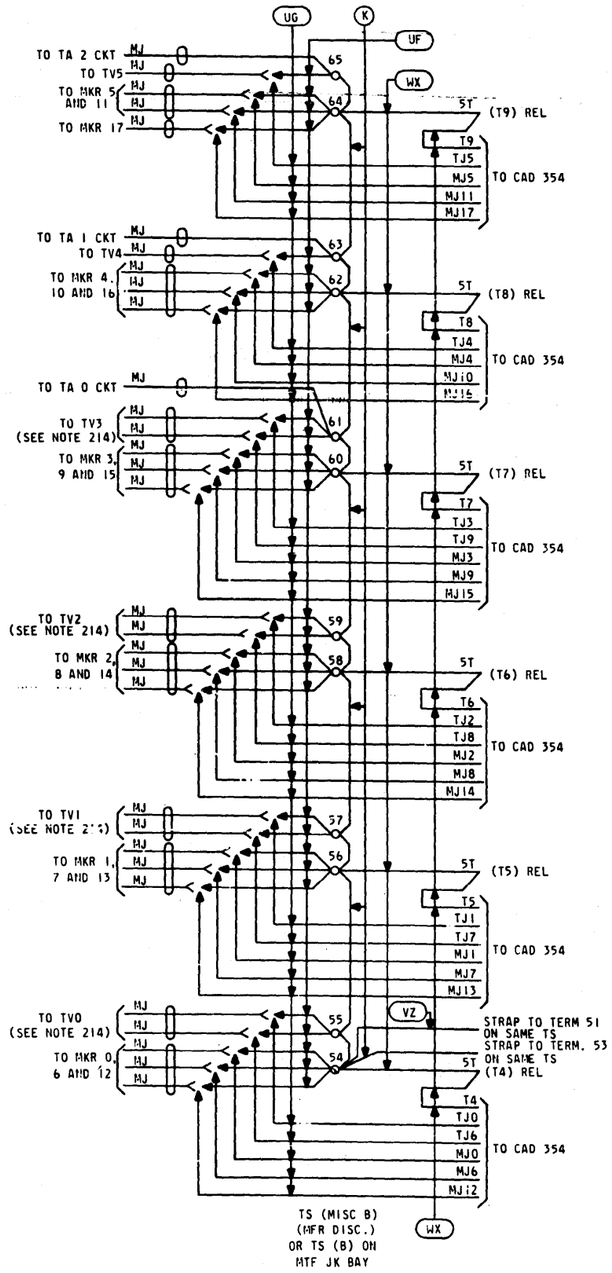
MASTER TEST FRAME
JACK, LAMP AND KEY

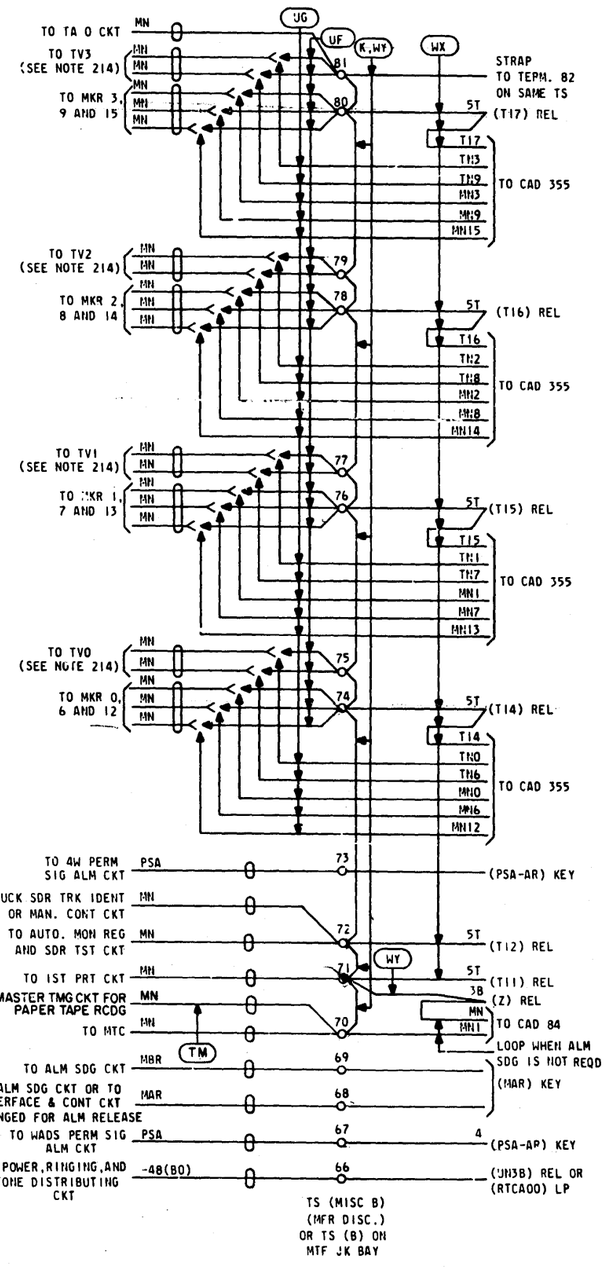
DWG SIZE	ISSUE
6S	97B

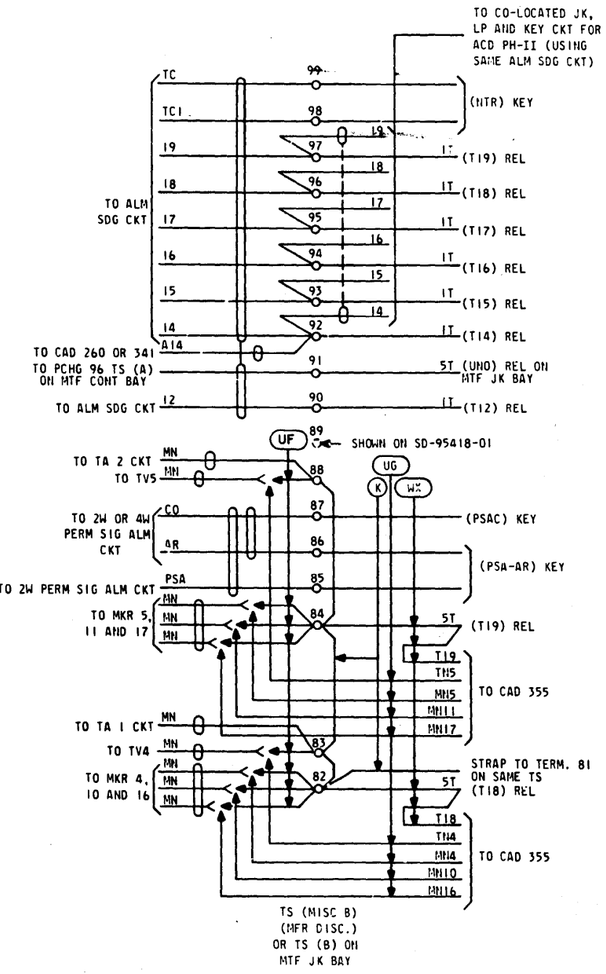
BELL LABORATORIES	SD-25762-01-	G17

PART OF CAD 134

(FOR APP FIG. 4,5, (21 OPTION F), (25,26,49 & 50 (SEE NOTES 207, 208 & 217),34,43,44,159,160,162,163,167,170,184,190,243,356)



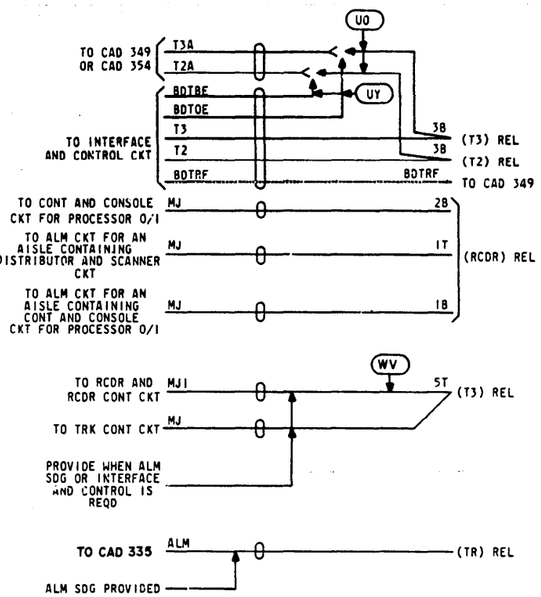




MASTER TEST FRAME JACK,LAMP AND KEY	DWG SIZE 6S	ISSUE 97B
BELL LABORATORIES SD-25762-01-		G18

PART OF CAD 134

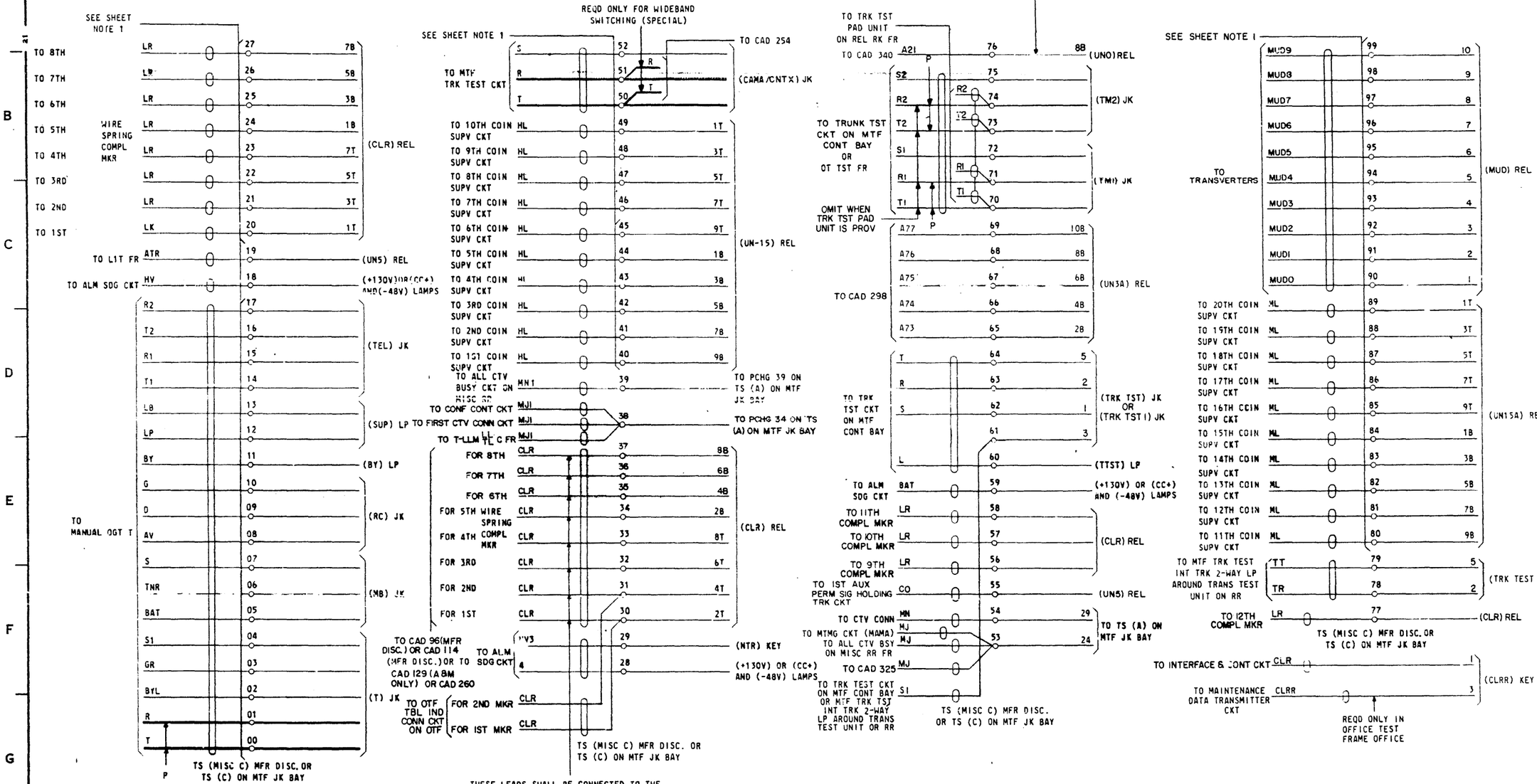
(FOR APP FIG 4,5,(21 OPTION F),(25, 26, 49 & 50 SEE NOTES 207, 208 & 217), 34, 43, 44, 159, 160, 162, 163, 167, 170, 184, 190, 243, 356)



MASTER TEST FRAME JACK, LAMP AND KEY		DWG SIZE 6S	ISSUE 908
BELL LABORATORIES	SD-25762-01-		G19

CAD 135

(FOR APP FIG. 5,6,7,(26, 49 & 50 SEE NOTES 207, 208 & 217), 156, 162, 168,169,170,175, 186, 190, 191 & 206)



NOTES:
1. IN OFFICES ARRANGED FOR AUTOMATIC CALL DISTRIBUTION CONNECT PER CAD 268.

DRAWING ISSUE
33D
36D
37D
40D
42 AR
47D
49A
53D
57D
59D
61D
64D

ISSUE 92A

MASTER TEST FRAME JACK, LAMP AND KEY (2) SD-25762-01-G20

CAD 136

(FOR APP FIG. (21 'F' OPTION) 23, 24, 25, 34, 43 & 243)

RUN ONLY TO COMB. OR COMPL MARKERS

MKR 9 CLPT,CGT — CLPT, CGT — 09 1T
MKR 8 CLPT,CGT — 08 3T
MKR 7 CLPT,CGT — 07 5T
MKR 6 CLPT,CGT — 06 7T
MKR 5 CLPT,CGT — 05 9T
MKR 4 CLPT,CGT — 04 1B
MKR 3 CLPT,CGT — 03 3B
MKR 2 CLPT,CGT — 02 5B
MKR 1 CLPT,CGT — 01 7B
MKR 0 CLPT,CGT — 00 9B

(CLPT & CGT) REL

RUN WHEN 12 OR LESS MARKERS ARE PROVIDED

MKR 9 PSR,CCT — PSR,CCT — 09 1T
COMPL MKR 9 / MKR 8 CCT / PSR,CCT — 08 3T
COMPL MKR 8 / MKR 7 CCT / PSR,CCT — 07 5T
COMPL MKR 7 / MKR 6 CCT / PSR,CCT — 06 7T
COMPL MKR 6 / MKR 5 CCT / PSR,CCT — 05 9T
COMPL MKR 5 / MKR 4 CCT / PSR,CCT — 04 1B
COMPL MKR 4 / MKR 3 CCT / PSR,CCT — 03 3B
COMPL MKR 3 / MKR 2 CCT / PSR,CCT — 02 5B
COMPL MKR 2 / MKR 1 CCT / PSR,CCT — 01 7B
COMPL MKR 1 / MKR 0 CCT / PSR,CCT — 00 9B
COMPL MKR 0 CCT

(PSR & CCT) REL

COMPL MKR 0 CPG — 59 58 2D (NPS) KEY
MKR 11 PSR — 57 11T
MKR 10 PSR — 56 11B (PSR) REL
MKR 11 CGT — 55 11T
MKR 10 CGT — 54 11B (CGT) REL
MKR 11 CLPT — 53 11T
MKR 10 CLPT — 52 11B (CLPT) REL
MKR 11 CCT — 51 11T
MKR 11 CCT / MKR 10 CCT — 50 11B (CCT) REL
COMPL MKR 10 CCT

RUN ONLY TO COMB. OR COMPL MARKERS

RUN WHEN MORE THAN 12 MARKERS ARE PROVIDED

MFR DISC

RTO-4

TO 10TH COMB. OR COMPL MKR — RTO-4 — 09 1T
TO 9TH COMB. OR COMPL MKR — RTO-4 — 08 3T
TO 8TH COMB. OR COMPL MKR OR LL CONN CONT FOR AUTO. CALL DIST — RTO-4 — 07 5T OR 2
TO 7TH COMB. OR COMPL MKR OR GATE CONT CKT (MFR DISC.) OR TO SEQUENTIAL GATE CONT CKT ARR FOR INTRAFLOW — RTO-4 — 06 7T OR 3
TO 6TH COMB. OR COMPL OR AUTO. CALL DIST MKR — RTO-4 — 05 9T OR 4
TO 5TH COMB. OR COMPL OR AUTO. CALL DIST MKR — RTO-4 — 04 1B OR 5
TO 4TH COMB. OR COMPL OR AUTO. CALL DIST MKR — RTO-4 — 03 3B OR 6
TO 3RD COMB. OR COMPL OR AUTO. CALL DIST MKR — RTO-4 — 02 5B OR 7
TO 2ND COMB. OR COMPL OR AUTO. CALL DIST MKR — RTO-4 — 01 7B OR 8
TO 1ST COMB. OR COMPL OR AUTO. CALL DIST MKR — RTO-4 — 00 9B OR 9

(RTO-4) REL

TS (MKR) ON MTF JK BAY

WHEN ALM SDG IS NOT PROVIDED

TO PCHG 41 TS(MISC) ON MTF JK BAY SHOWN ON MISC CKT FOR ALL FR — 31 K GRD — ON FR FUSE PANEL

TO ALM CKT MJ — SHOWN ON MISC CKT FOR ALL FR — 25 — MJ LEAD OF FIG 26, 32, 41, 159, 162, 181, 220 & 226 (SEE NOTE 220)
TO PCHG 21 TS(A) ON MTF JK BAY

TO ALM CKT MN — SHOWN ON MISC CKT FOR ALL FR — 15 — MN LEAD FIG 26, 34, 42, 162 & 218 (SEE NOTE 220)
TO PCHG 25 TS(A) ON MTF JK BAY

TS (MISC) ON MTF JK BAY

CAD 137

FOR APP FIG. (26, 49, 50, 213 & 214 SEE NOTES 207, 208, 217, 220, 226), 195, & 231

TO 1ST COMMON OVERFLOW TRK IN EACH GROUP OF 15 TRUNKS ON TRK RR

6TH GR AN 63 7M — ANP 74 3M
5TH GR AN 64 8M — ANP 73 9M
4TH GR AN 63 9M — ANP 72 10M
3RD GR AN 62 10M — ANP 71 11M
2ND GR AN 61 11M — ANP 70 12M
1ST GR AN 60 12M

(AN) REL — (ANP) REL

12TH MKR INFR 59 12M
INFR 58 11M
INFR 57 10M
INFR 56 9M
INFR 55 8M
7TH MKR INFR 54 7M

MFR DISC. — (INFR) REL — SHOWN ON SD-25574-01

TO COMB. OR COMPL MARKERS

6TH MKR INFR 49 6M
48 5M
47 4M
2ND MKR 45 2M

(INFR) REL

TO CAD 299 LK — SHOWN ON MISC CKT FOR ALL FR

TO ALM SDG CKT OR TO INTERFACE & CONTROL CKT LK — 41 — LK LEAD OF CAD 152, 153, 154, 155, 157, 184, 218 & 353
TO PCHG 31 TS(MISC) ON MTF JK BAY — TO PCHG 1 OR 4 TS(A) ON MTF JK BAY

WHEN ALM SDG IS NOT PROVIDED

MFR DISC.
TO 1ST COMB. INFR OR COMPL MKR — 40 1M (INFR) REL

TS (MISC) ON MTF JK BAY

TO INTERFACE CLI AND CONT CKT — UE — 5 8 (TA) CPNTA

XCONN TO LINE LINE LK & CONN CKT OR TO LINE LINE LINK &MKR CONN CONT CKT — 2W T R
XCONN TO MTCE DSK 2 WAY TRK CKT — 2W T R
99 98 97 96 — 6 4 7 5 (STT) JK

TO ALARM SDG CKT — A2 95 4M
28 94 2M (CLI) REL — UD

TO 1ST COMPL OR COMB. MKR — CLI 93 12M
TO DIAL TONE OR COMBINED MKR — GD 92
TO ANNOUNCEMENT MACH CKT OR (TN) TO 13A ANNOUNCEMENT SYS VIA MISC CKT — CT 91 4M — (OAN) LP
TO COMMON OVERFLOW TRK ARR FOR TESTING ANNOUNCEMENT FEATURE — ANT 90 14M

TO DIAL TONE OR COMBINED MARKERS

10TH MKR AN 89 15M
AN 88 16M
AN 87 17M
AN 86 18M
AN 85 19M
AN 84 20M
AN 83 21M
AN 82 22M
AN 81 23M
1ST MKR AN 80 24M

(ANM) REL

X CONN TO TWO-WAY SIGNALLING CKT — P T R — 79 (A) RES, 69 (D2) DIODE

X CONN TO KEY & LP CKT OF LOCAL SWBD — A LP — 78 V, 68 4M (AN) REL

TO 1ST COMMON OVERFLOW TRK IN EACH GROUP OF 15 TRUNKS ON TRK RR

MMDF 8TH GR ANP 77 5M — AN 67 5M
7TH GR ANP 76 6M — AN 66 6M
6TH GR ANP 75 7M (AN) REL

(ANP) REL

TS(MISC) ON MTF JK BAY

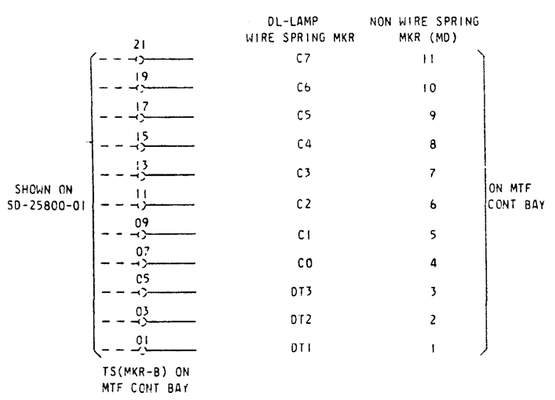
DRAWING ISSUE
330 CUT 2 W AND
35A ALL W AND
360 DEL COM AND
38A DS. CLK AND
41D EM TWO AND PH
430 DR 2 W AND
440 SSL RLP AND
45D CF
47D T & AND
48D
53D TPA
55A
570
61D
640

DRAWING ISSUE 97B

MASTER TEST FRAME JACK, LAMP AND KEY ② SD-25762-01-G21

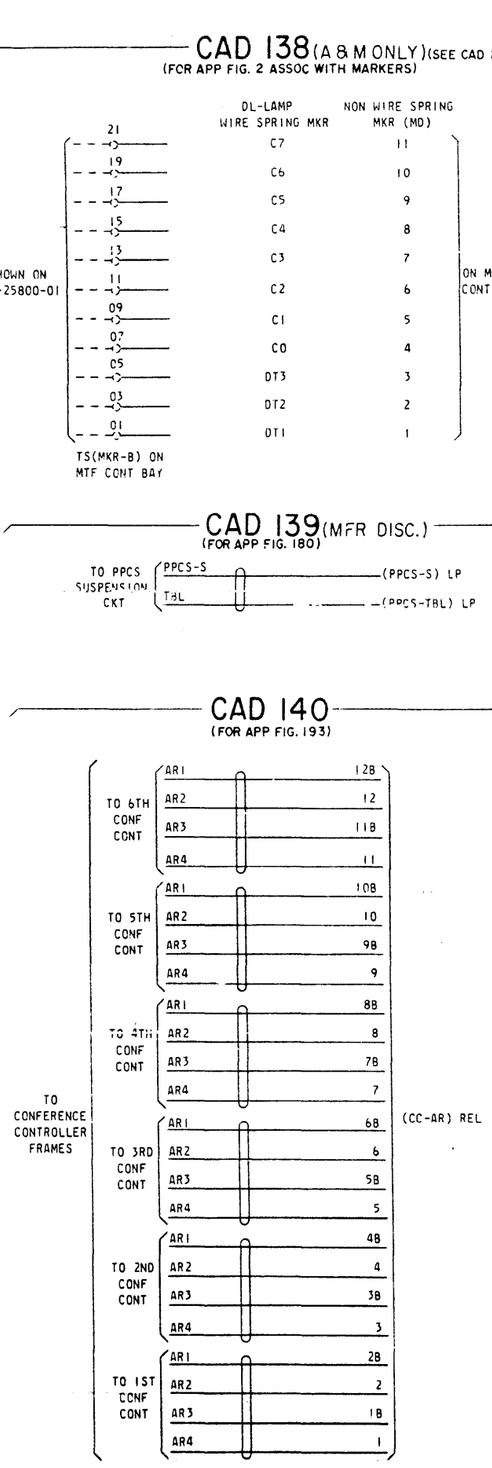
SD-25762-01-G21

CAD 138 (A & M ONLY) (SEE CAD 262)
(FOR APP FIG. 2 ASSOC WITH MARKERS)

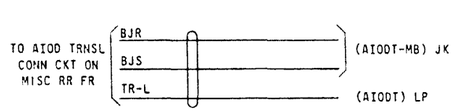


CAD 139 (MFR DISC.)
(FOR APP FIG. 180)

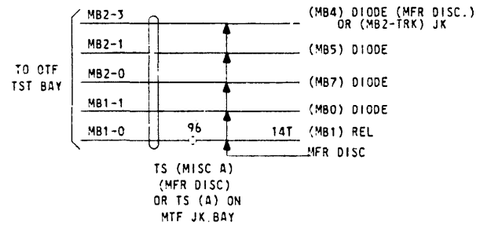
CAD 140
(FOR APP FIG. 193)



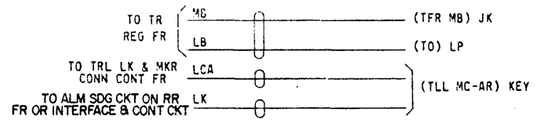
CAD 141
(FOR APP FIG. 201)



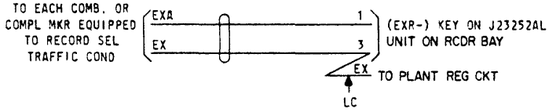
CAD 142 (MFR DISC.)
(FOR APP FIG. 194 & 200)



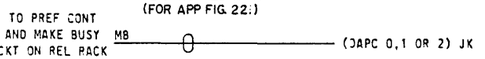
CAD 143
(FOR APP FIG. 203 & 204)



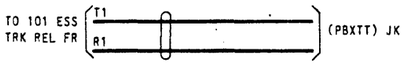
CAD 144 (A&M ONLY)
(FOR APP FIG. 209) (SEE CAD 261)



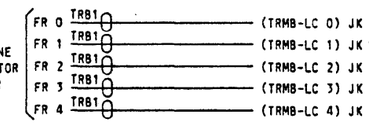
CAD 253
(FOR APP FIG. 22:)



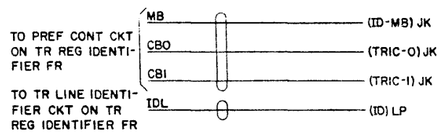
CAD 255
(FOR APP FIG. 223)



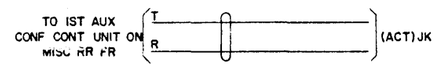
CAD 256
(FOR APP FIG. 224)



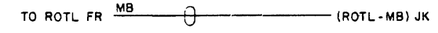
CAD 145
(FOR APP FIG. 205 & 210)



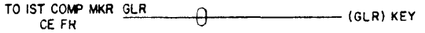
CAD 146
(FOR APP FIG. 211)



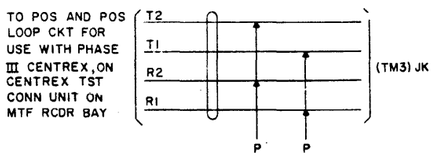
CAD 147
(FOR APP FIG. 208)



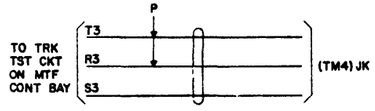
CAD 257
(FOR APP FIG. 225)



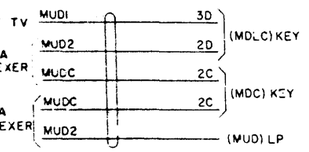
CAD 148
(FOR APP FIG. 212)



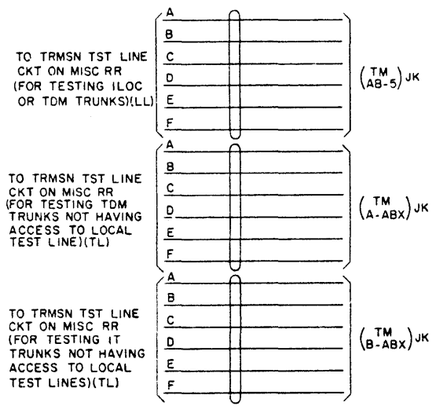
CAD 252
(FOR APP FIG. 219)



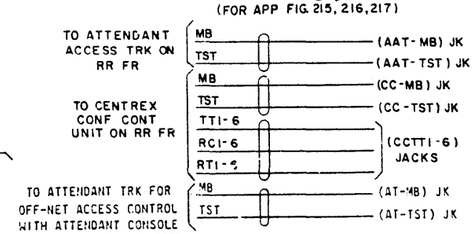
CAD 149
(FOR APP FIG. 206)



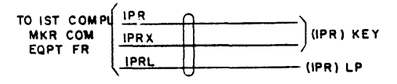
CAD 150
(FOR APP FIG. 179)



CAD 250
(FOR APP FIG. 215, 216, 217)



CAD 251
(FOR APP FIG. 218)



DRAWING ISSUE	
37D	D.S. CLK AM
38A	D.S. CLK AM
40D	RLS FR AM
41D	P EM MU AM PH
42A	P EM MU AM PH
43D	OR IA AM
44D	SSL AP AM
45D	WM DI B AM
47D	LT
53D	
61D	

ISSUE 85B

MASTER TEST FRAME JACK, LAMP AND KEY

SD-25762-01-G22

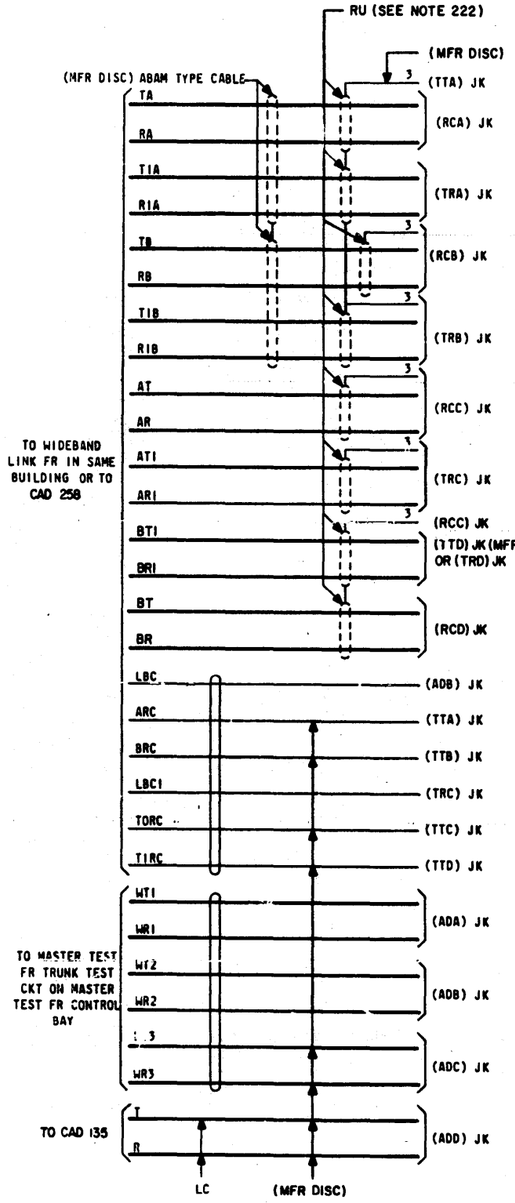
BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 6S

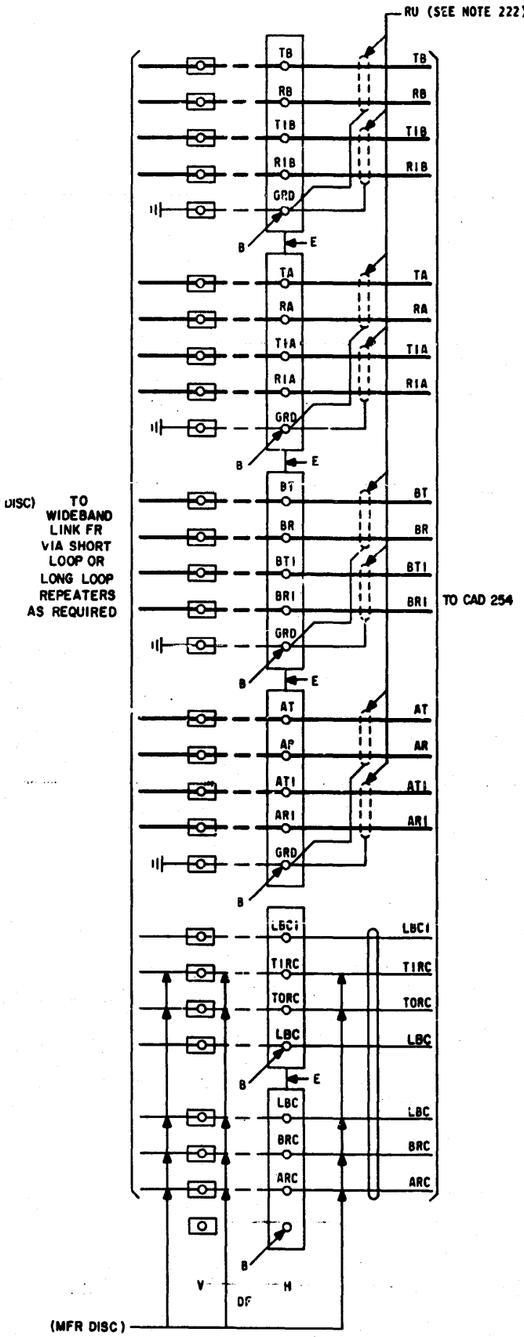
SD-25762-01-G22

STABILOID

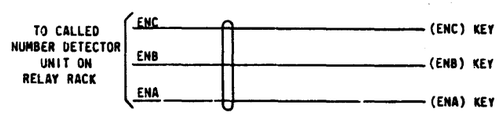
CAD 254 (SPECIAL)
(FOR APP FIG. 222,229)



CAD 258
(CABLING TO WIDEBAND LINK FRAME LOCATED IN REMOTE OFFICE)



CAD 259
(FOR APP FIG. 230)



ISSUE	
47D	EK, I.A. AMC
48D	ROT
49A	ROT
53D	TRK
61D	

ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)
SD-25762-01-G23

BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25762-01-G23

CAD 260 (SEE NOTE 1)

(FOR APP FIG.1, 2, 3, 4, 5, 10, 11, 33, 34, 39, 40, 41, 154, 204)

TO COIN SUPV CKT LP — (SEE FIG. 340) (CSAL) LP

TO CAD 306 A22 — ACD ONLY A TO CAD 133 29 — (TRR-AR)JK

A39 28 — (TO-1R120)LP

A38 27 — (TO-1R80)LP

A37 26 — (TO-1R40)LP

A36 25 — (TO-1R00)LP

A35 24 — (TO-0R15)LP

A34 23 — (TO-0R10)LP

A33 22 — (TO-0R5)LP

A32 21 — (TO-0R0)LP

TO CAD 261 A31 20 — (MTE)LP

A29 19 — (TRGBO)LP

A22 18 — (MCGAC)LP

A21 17 — (CSAB)LP OR (DAMB)LP

A20 16 — (ORMCO-0)LP

A19 15 — (IRSTOO)LP

A18 14 — (IRGBOO)LP

A17 13 — (SGBO)LP

A16 12 — (LLMC30)LP

A15 11 — (LLMCOO)LP

TO CAD 268 TO CAD 134 A21 A14 10 — (DL-MTE)LP

TO CAD 133 A13 09 — (DL-DTMO)LP

A12 08 — (DL-RO)LP

A9 07 — (TRPO)LP

A8 06 — (TVCSPOO)LP

A7 05 — (SCSPOO)LP

TO CAD 261 A6 04 — (IRPO)LP

A4 03 — (SCOO)LP

A2 02 — (NGCOO)LP

A1 01 — (TLCOO)LP

A0 00 — (LLCOO)LP

TS (A) ON MASTER TEST FR RECORDER BAY

NOTES:

1. SEE CAD 341 FOR CABLING WHEN PERFORATOR IS PEDESTAL MOUNTED.

CROSS CONN TO (SP) JACKS AS REQD (SEE NOTE 210)

2W R S 57 56 — (MFR DISC) (RC-AR MT)JK

2W R S 55 54 — (RC-AR TV)JK

2W R S 53 52 — (RC-AR M)JK

2W R S 51 50 — (RC-AR AM)JK

HMDF

TRB1-R9 OR TRB1-TC9 49 — (TRMB-R9)JK OR (TRMB-TC9)JK

TRB1-R8 OR TRB1-TC8 40 — (TRMB-R0)JK OR (TRMB-TC0)JK

TO MASTER TEST FR CONN CKT

TO AUTOMATIC MONITOR REG & SDR TST CKT

DL 39 — (DL-AM) LP

ARC1 38

ARC 37 — (TRR-TAR)KEY

VP

ARI 36

TO CAD 356 11 — MN1 35

VO

MN 34

E 33 — (TRR-AR)KEY

TO CAD 133 D 32

C 31

B 30 — (TRR)LP

TS (A) ON MASTER TEST FR RECORDER BAY

TO CAD 133 B11 — (DL-20) LP

TO RCDR CKT(20-29) DL — (DL-R29) LP

DL — (DL-R20) LP

TRB1-R29 — (TRMB-R29) JK

TO RCDR CONN CONT & PREF CKT

TRB1-R20 — (TRMB-R20) JK

TO IDDD PRETRANSLATOR CKT — PRT1 DL — (DL-PRT1)LP; PRT0 DL — (DL-PRT0)LP — IDDD

TO RECORDER & RECORDER CONT CKT

DL1(SC) — (DL-SC)LP

DL(BC) — (DL-BC)LP

DL 89 — (DL-R19)LP OR (DL-TC19)LP

TO RCDR OR TRK CONT CKT

19

DL 80 — (DL-R10)LP OR (DL-TC10)LP

10

DL 79 — (DL-R9)LP OR (DL-TC09)LP

9

0

DL 70 — (DL-R0)LP OR (DL-TC00)LP

TO EMR RCDR EMER TRK CONT CKT

DL 69 — (DL-EMR)LP OR (DL-TC EMER)LP

OMIT IN OFFICES ARR FOR MAMA

TO MASTER TIMING CKT — ODD DL 68 — (DL-MTO)LP; EVEN DL 67 — (DL-MT)LP (DL-MTE)LP

MAMA

TO PRETRANSLATOR CKT — 2 DL 66 — (DL-PRT2)LP; 1 DL 65 — (DL-PRT1)LP; 0 DL 64 — (DL-PRT0)LP

TO IR PRT CKT — TO IR PRT2 DL — (DL-PRT2) LP; TO IR PRT1 DL — (DL-PRT1) LP; TO IR PRT0 DL — (DL-PRT0) LP

2W R S 63 62 — (MFR DISC) (RC-AR PRT) JK

2W R S 61 60 — (RC-AR R) JK

CROSS CONN TO (SP) JACKS AS REQD (SEE NOTE 210)

2W R S 59 58 — (RC-AR SP) JK

HMDF

TS (A) ON MASTER TEST FR RECORDER BAY

TO MASTER TEST FR CONN CKT ON IDDD PRT FR — PRT1 TRB1 — (TRMB-PRT1)JK; PRT0 TRB1 — (TRMB-PRT0)JK — IDDD TSPS

TRB1-SC — (TRB1-SC)JK

TRB1-BC — (TRB1-BC)JK

TRB1-R19 OR TRB1-TC19 119 — (TRMB-R19)JK OR (TRMB-TC19)JK

TO MASTER TEST FR CONN CKT

TRB1-R10 OR TRB1-TC10 110 — (TRMB-R10) JK OR (TRMB-TC10)JK

TRB1-EMR OR TRB1-EMER 109 — (TRMB-EMR) JK OR (TRMB-TC-EMER) JK

TRB1-MTO 108 — (TRMB- MTO) JK

TRB1-MTE OR TRB1-MT 107 — (TRMB-MTE) JK OR (TRB1-MT) JK

TRB1-PRT2 106 — (TRMB-PRT2) JK

TO MASTER TEST FR CONN CKT ON PRT (FR 0)

TRB1-PRT1 105 — (TRMB-PRT1) JK

TRB1-PRT0 104 — (TRMB-PRT0) JK

TO MASTER TEST FR CONN CKT ON IR PRT FR — TO IR PRT2 TRB1 — (TRMB-PRT2) JK; TO IR PRT1 TRB1 — (TRMB-PRT1) JK; TO IR PRT0 TRB1 — (TRMB-PRT0) JK

CLR12 — TRB1-C11 — (TRMB-C11) JK

CLR11 — TRB1-C10 — (TRMB-C1C) JK

TO CAD 134 — CLR10 — TRB1-C9 — (TRMB-C9) JK

CLR9 — TRB1-C8 — (TRMB-C8) JK

TO MASTER TEST FR CONN CKT

TO CAD 135 — 103

TRB1-C7 CLR 102 — (TRMB-C7)JK

TRB1-C6 CLR 101 — (TRMB-C6)JK

TRB1-AM CLR 100 — (TRMB-AM)JK

TRB1-C5 CLR 99 — (TRMB-C5)JK

TRB1-C4 CLR 98 — (TRMB-C4)JK

TRB1-C3 CLR 97 — (TRMB-C3)JK

TO MASTER TEST FR CONN CKT — TRB1-C2 CLR 96 — (TRMB-C2)JK

TRB1-C1 CLR 95 — (TRMB-C1)JK

TRB1-C0 CLR 94 — (TRMB-C0)JK

TRB1-D5 — (TRMB-DT5) JK

TRB1-D4 — (TRMB-DT4) JK

TRB1-D3 93 — (TRMB-DT3) JK

TRB1-D0 90 — (TRMB-DT0) JK

TS(A) ON MASTER TEST FR RECORDER BAY

TO MASTER TEST FR CONN CKT — TRB1-ACD — (TRMB-ACD) JK

TO CAD 133 — B3 (TO)LP FOR OR17 (4); B4 (TVCII) LP

DRAWING ISSUE: 470 JEK I.& AMD; 530 TRM; 54D; 57D; 59D; 61D

DRAWING ISSUE 86A

MASTER TEST FRAME JACK, LAMP AND KEY (2) SD-25762-01-G24

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25762-01-G24

PART OF CAD 261
(FOR APP FIG. 4,5,158,209,369 AND 370)

REQD WHEN STUCK SDR HOLDING FEATURE IS PROVIDED

TO INTERFACE & CONTROL CKT — CTR 68 — U — (CTRO) REL

TO CAD 301 — MJG, MNG, DLNG 67 — AS — TO CAD 134

66

G15 65 1M (BGC7) REL
G14 64 1M (BGC6) REL
G13 63 1M (BGC5) REL
G12 62 1M (BGC4) REL
G11 61 1M (BGC3) REL
G10 60 1M (BGC2) REL
G9 59 1M (BGC1) REL
G8 58 1M (BGC0) REL

TO CAD 263 OR 340

G7 57 1M (BGD3') REL
G6 56 1M (BGD2') REL
G5 55 1M (BGD1') REL
G4 54 1M (BGD0') REL
G3 53 1M (BGD3) REL
G2 52 1M (BGD2) REL
G1 51 1M (BGD1) REL
G0 50 1M (BGD0) REL

49

SEE CAD 283

00

TS (D) ON MTF JK BAY

2ND SENDER GROUP

TO STUCK SDR TRK IDENT. SDR REL UNIT ON RR FR

TO MF OUTGOING SENDER CKT ON MF OUTGOING SENDER FR

LP109 99 10M
LP108 98 9M
LP107 97 8M
LP106 96 7M
LP105 95 6M
LP104 94 5M
LP103 93 4M
LP102 92 3M
LP101 91 2M
LP100 90 1M
CTRK 89 11 (CTR-) REL

S09 S08 S07 S06 S05 S04 S03 S02 S01 S00

(IDR24) REL

TO STUCK SDR TRK IDENT. AUTO. OR MAN. CONT UNIT ON RR FR

IDRC09 98 10M
IDRC08 97 9M
IDRC07 96 8M
IDRC06 85 7M
IDRC05 84 6M
IDRC04 93 5M
IDRC03 82 4M
IDRC02 81 3M
IDRC01 90 2M
IDRC00 79 1M

(IDR1) REL

1ST SENDER GROUP

TO MF OUTGOING SENDER CKT ON MF OUTGOING SENDER FR

LP109 78 10M
LP108 77 9M
LP107 76 8M
LP106 75 7M
LP105 74 6M
LP104 73 5M
LP103 72 4M
LP102 71 3M
LP101 70 2M
LP100 69 1M

S09 S08 S07 S06 S05 S04 S03 S02 S01 S00

(IDR1A) REL

TO STUCK SDR TRK IDENT. SDR REL UNIT ON RR FR

TS (D) ON MTF JK BAY

2ND SENDER GROUP

TO MF OUTGOING SENDER CKT ON MF OUTGOING SENDER FR

IDRC09 10M
IDRC08 9M
IDRC07 8M
IDRC06 7M
IDRC05 6M
IDRC04 5M
IDRC03 4M
IDRC02 3M
IDRC01 2M
IDRC00 1M

(IDR2) REL

TO COMPLETING MARKER EQUIPPED TO RECORD SELECTED TRAFFIC CONDITIONS

MKR11 EXA11 (EXR11) KEY
MKR8 EXA8 (EXR8) KEY
MKR7 EXA7 33 1 (EXR7) KEY
MKR0 EXA0 26 1 (EXR0) KEY

LOOP AT UNEQUIPPED POSITIONS

A39 25 7T
A38 24 5T
A37 23 3T
A36 22 1T
A35 21 11B
A34 20 9B
A33 19 7B
A32 18 5B
A31 17 3B
A29 16 11T
A22 15 9B
A21 14 7B
A20 13 5B
A19 12 3B
A19 11 1B
A17 10 11T
A16 09 9T
A15 08 7T
A9 07 5T
A8 06 3T
A7 05 1T
A6 04 13
A4 03 9T
A2 02 5T
A1 01 3T
A0 00 1T

TO CAD 260 OR 340

A39 9T
A38 5T
A37 3T
A36 1T
A35 12B
A34 10B
A33 8B
A32 6B
A31 4B
A29 12T
A22 10B
A21 8B
A20 6B
A19 4B
A19 2B
A17 12T
A16 10T
A15 8T
A9 6T
A8 4T
A7 2T
A6 1B
A4 9T
A2 5T
A1 3T
A0 1T

(UN2) REL
(UN1) REL
(UNO) REL
(BAT) REL

TS (E) ON MTF JK BAY

TO FR FUSE PANEL

DRAWING ISSUE
48D WM BEM
53D TRM
54D
57D
61D
64D

ISSUE 90B

MASTER TEST FRAME JACK, LAMP AND KEY (2)

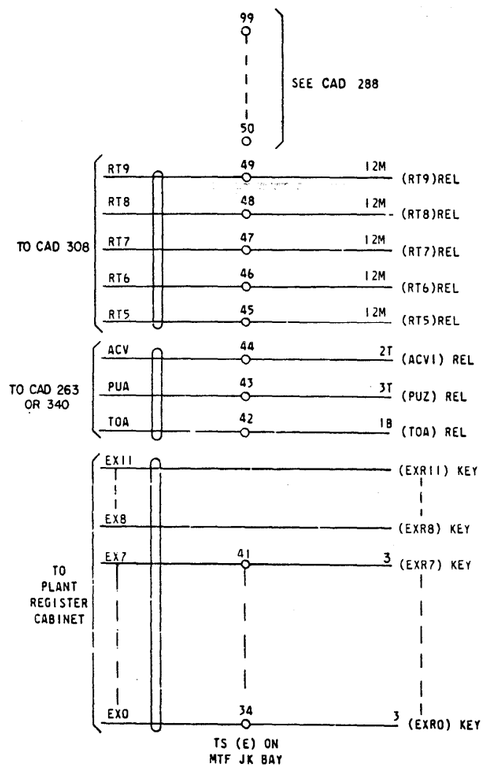
SD-25762-01-G25

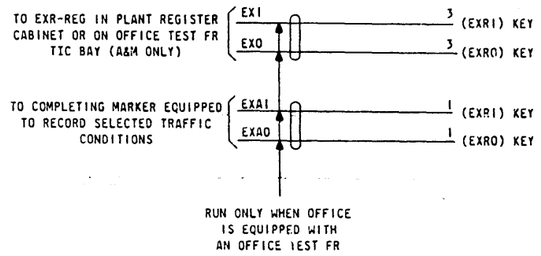
BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 65

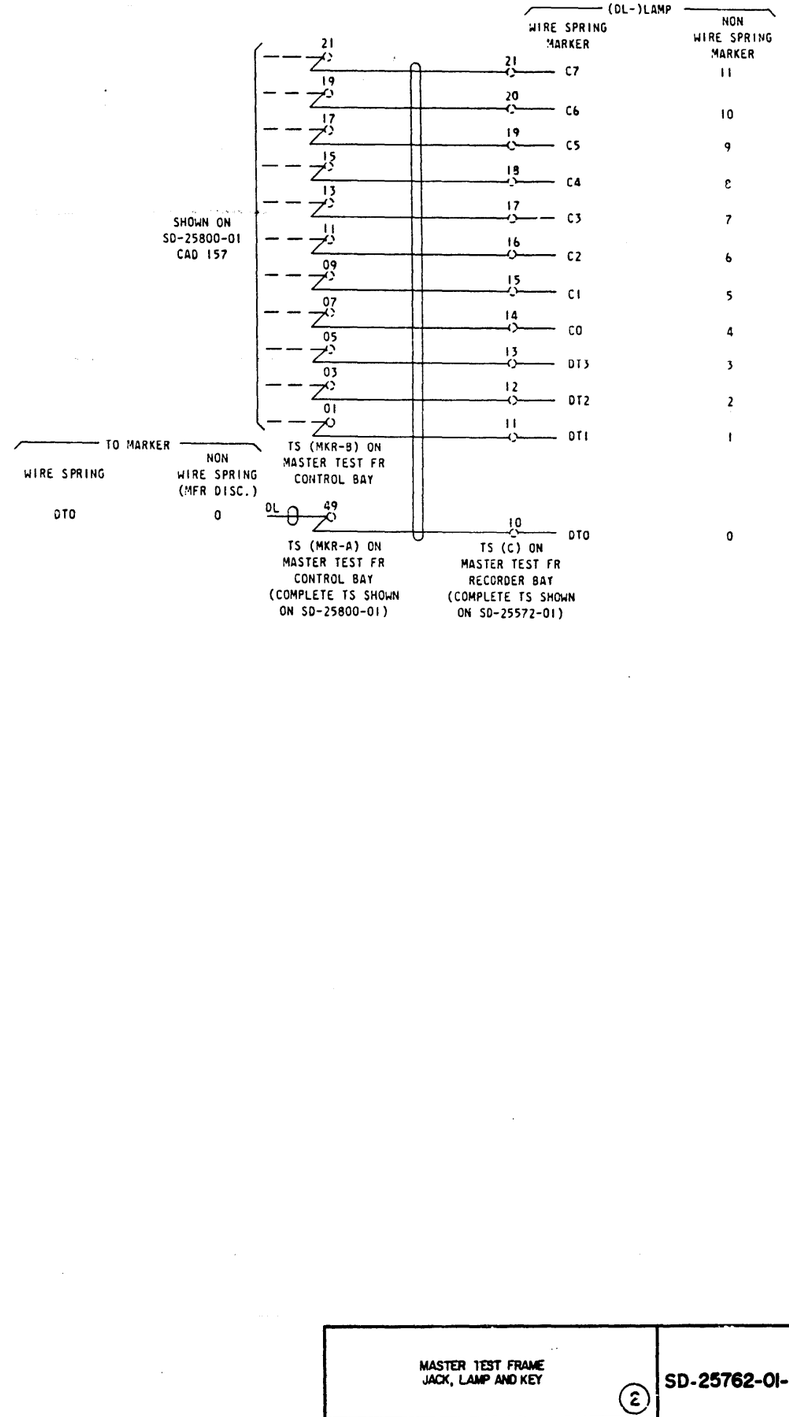
SD-25762-01-G25

PART OF CAD 261
(FOR APP FIG. 4,5, 158 AND 209)





CAD 262 (A&M ONLY)
(FOR APP FIG. 2 ASSOC WITH MARKERS)



DRAWING ISSUE		
480	WM	C8
	CF	
530	TRM	
57D		C5
61D		A
64B		

ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)

SD-25762-01-G26

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25762-01-G26

CAD 263 (A&M ONLY)
(FOR APP FIG. 9)

(SEE NOTE 1)

TRB1-TV9 — 119 — (TRMB-TV-) JK OR (TRMB-CTV-) JK

TRB1-TV6 — 116

TO MASTER TEST CONNECTOR CKT

TRB1-TV5 — 115 — (TRMB-TV5) JK

TRB1-TV0 — 110 — (TRMB-TV0) JK

(SEE CAD 340)

TO CAD 308

G19 — (ORMC-MB00) JK FOR CM11

G18 — (ORMC-MB00) JK FOR CM10

G17 — (ORMC-MB00) JK FOR CM9

G16 — (ORMC-MB00) JK FOR CM8

G15 — 107 — (ORMC-MB00) JK FOR CM7

G14 — 106

G13 — 105

G12 — 104

G11 — 103

G10 — 102

G9 — 101

TO CAD 261 — G8 — 100 — (ORMC-MB00) JK FOR CM0

G7 — 99 — (LLMC-MB30) JK FOR DM3

G6 — 98

G5 — 97

G4 — 96 — (LLMC-MB30) JK FOR DM0

G3 — 95 — (LLMC-MB00) JK FOR DM3

G2 — 94

G1 — 93

G0 — 92 — (LLMC-MB00) JK FOR DM0

ACV — 29 — (ACV) LP

PUA — 28 — (PUA) LP

TOA — 27 — (RSTOA) LP

TS (B) ON MASTER TEST FR RCDR BAY (COMPLETE TS SHOWN ON SD-25572-01)

TO CAD 349 — G23 — (LLMCMB30) JK-DTM5

G22 — (LLMCMB30) JK-DTM4

G21 — (LLMCMB00) JK-FOR DTM5

G20 — (LLMCMB00) JK-FOR DTM4

CAD 264 (A&M ONLY)
(FOR APP FIG. 227)

CROSS CONN TO POSITION TRK CKT FOR AUTO. CALL DISTRIBUTION

B2 — 3 — (PTMB) JK

B1 — 1

HMDF

CAD 265 (MFR DISC)
(FOR APP FIG. 228)

TO 1ST POSITION TRK CKT ASSOC WITH TRK LK FR 4

T2 — 3 — (PTT4) JK

R2 — 2

TO 1ST POSITION TRK CKT ASSOC WITH TRK LK FR 0

T2 — 3 — (PTT0) JK

R2 — 2

CAD 266
(FOR APP FIG. 233)

CROSS CONN TO TRUNK OR LINE CIRCUITS SPECIFIED IN NOTE 133 AS REQD

B2 — 3 — (MB) JK

B1 — 1

HMDF

CROSS CONN TO ROTMB CKT OR TO ROTL TRK MB CKT

CAD 267
(FOR APP FIG. 234)

LLP

TO LINE LINK AUTO. INTERCEPT CONTROL CKT (A&M ONLY) OR TO LINE LINK CKT

M — 2 — (LTM-T2) JK

E — 3

T2 — 3 — (LTM-T1) JK

R2 — 2

TO LINE CKT FOR AIS ON OSAIS FR

M

E

T2

R2

TO AUX LINE FOR LLP OR LLP-AIS LINES FOR USE WITH NO.5 ETS

M

E

T2

R2

CAD 268 (MFR DISC)
(FOR APP FIG. 235)

TO GATE CONT UNIT ON RELAY RACK

STSO — (STXO) LP

STS9 — (STX9) LP

GIT — (GITO) LP

NPT — (NPA) LP

SIT — (SIT) LP

AGS — (AGCS) LP

MRA — (MRA-RL) KEY

NPTC — (NPT-AR) KEY

SITL — (SIT-AR) KEY

GITL — (GIT-AR) KEY

AGCB

CGRL — (AGC) KEY

RAS4 — (RA4) LP

RAS0 — (RA0) LP

RA4 — (RA4) KEY

RA0 — (RA0) KEY

CG — (CGO) KEY — TO OTHER (CG) KEYS

STX — (STX-AR) KEY

AMT — (CGRL) KEY

TO LINE LINK FR 0 FOR AUTO. CALL DISTRIBUTION

CG

TTS — (TST) JK

TO LINE LINK FR 9 FOR AUTO. CALL DISTRIBUTION

CGK — (CG9) KEY

TO LINE LINK FR 0 FOR AUTO. CALL DISTRIBUTION

CGK — (CGO) KEY

TO LINE LINK FR FOR AUTO. CALL DISTRIBUTION

9 FUG 99 10 (LLF) SW SECT 3

0 FUG 90 1

9 FG 89 10 (LLF) SW SECT 2

0 FG 80 1

TO CAD 260 — A21 — 76 — 8B — (UNO) REL

TS (C) ON MASTER TEST FR JK BAY FOR AUTO. CALL DISTRIBUTION (FOR COMPLETE TS SEE CAD 135)

TO LINE LINK FR FOR AUTO. CALL DISTRIBUTION

9 TST 45 10

8 TST 44 9

7 TST 43 8

6 TST 42 7

5 TST 41 6 (LLF) SW SECT 1

4 TST 40 5

3 TST 27 4

2 TST 26 3

1 TST 25 2

0 TST 24 1

9 TLK 23 12T / TLK1 22 11T

8 TLK 21 10T / TLK1 20 9T

7 TLK 17 8T / TLK1 16 7T

6 TLK 15 6T / TLK1 14 5T

5 TLK 13 4T / TLK1 12 3T

4 TLK 11 2T / TLK1 10 1T (TST) REL

3 TLK 09 1B / TLK1 08 2B

2 TLK 07 3B / TLK1 06 4B

1 TLK 05 5B / TLK1 04 6B

0 TLK 03 7B / TLK1 02 8B / TSTI 01 11B

TO GATE CONT UNIT ON RELAY RACK — TST 00 12B

TS (C) ON MASTER TEST FR JK BAY FOR AUTO. CALL DISTRIBUTION (FOR COMPLETE TS SEE CAD 135)

DRAWING ISSUE	
47D	DX, I.S., AMB
48D	RBT
49A	SEM
53D	LRF
57D	
61D	
62A	
64D	

DRAWING ISSUE 88B

MASTER TEST FRAME JACK, LAMP AND KEY

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BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

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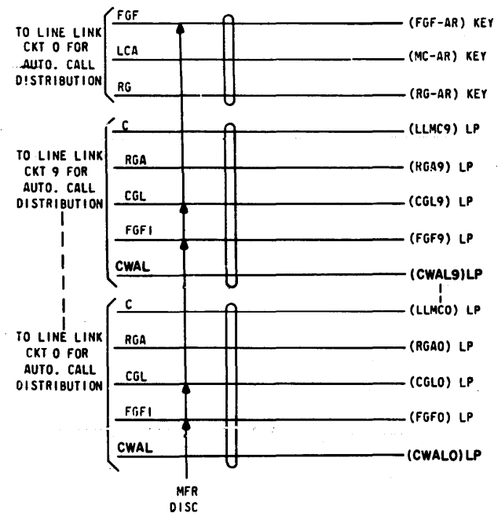
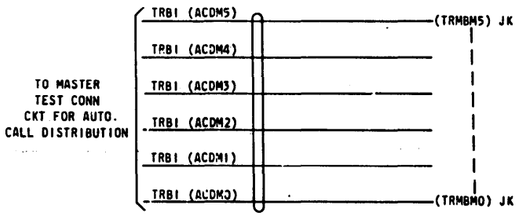
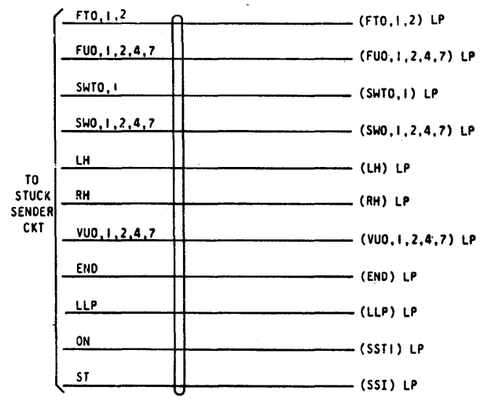
CAD 269 (A&M ONLY)
(FOR APP FIG. 236)



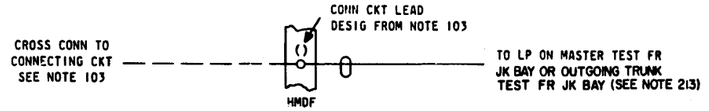
CAD 270
(FOR APP FIG. 33)
(AUTO. CALL DISTRIBUTION ONLY)



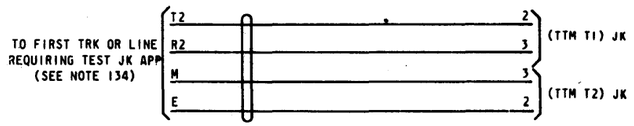
CAD 271
(FOR APP FIG. 232)



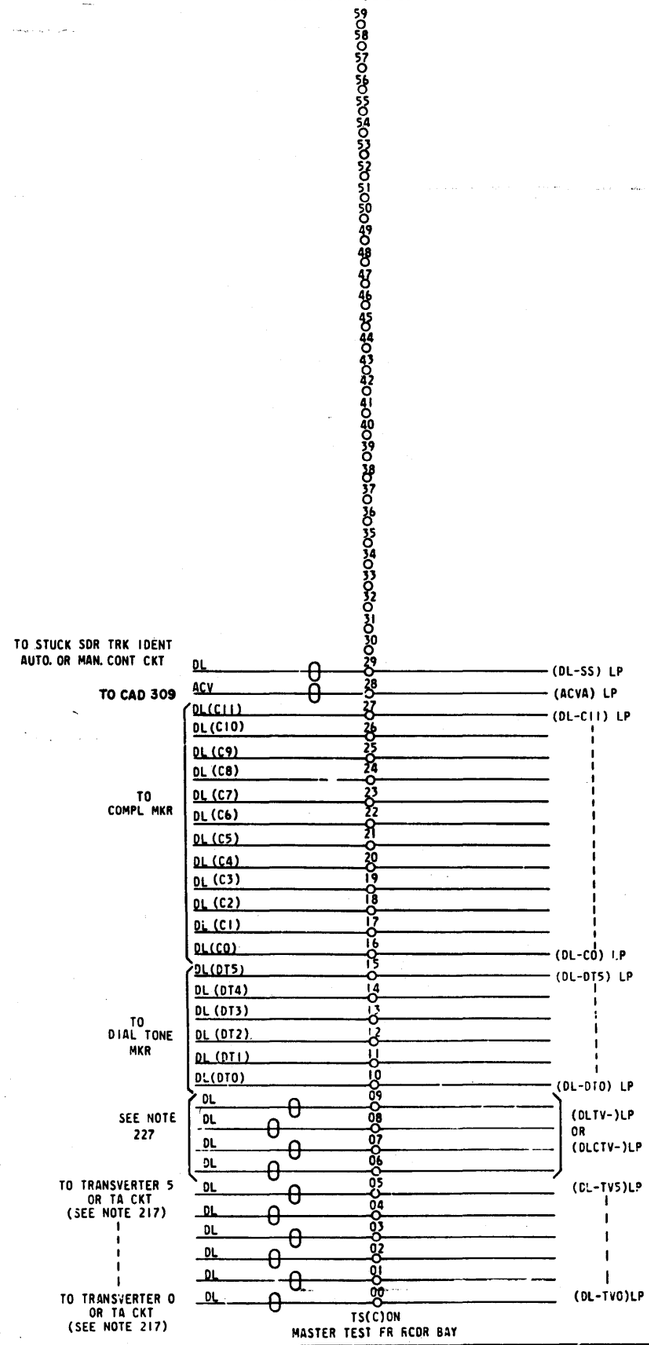
CAD 272
(FOR APP FIG. 2)



CAD 273
(FOR APP FIG. 237)



CAD 274 (SEE SHEET NOTE 1)
(FOR APP FIG. 1, 2 & 3)



NOTES:
1. SEE CAD 341 FOR CABLING WHEN PERFORATOR IS PEDESTAL MOUNTED.

DRAWING ISSUE	
47D	DX, 1-A, AMD
48D	RDT
50D	PAD
53D	LRF
55A	
57D	
61D	
62A	
64D	

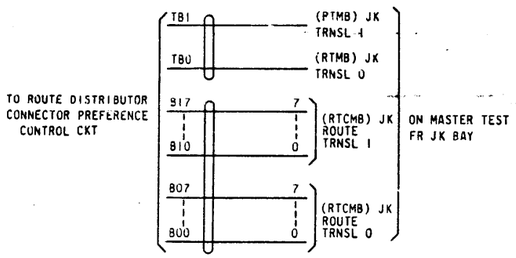
DRAWING ISSUE 90B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2) SD-25762-01-G28

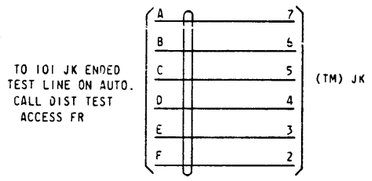
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25762-01-G28

CAD 275
(FOR APP FIG. 351)

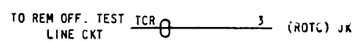


CAD 276 (A&M ONLY)
(FOR APP FIG. 241)

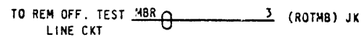


CAD 277 (MFR DISC.)
(FOR APP FIG. 242)

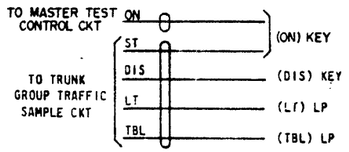
CAD 278
(FOR APP FIG. 238)



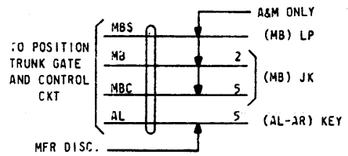
CAD 279
(FOR APP FIG. 239)



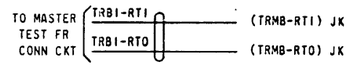
CAD 280
(FOR APP FIG. 240)



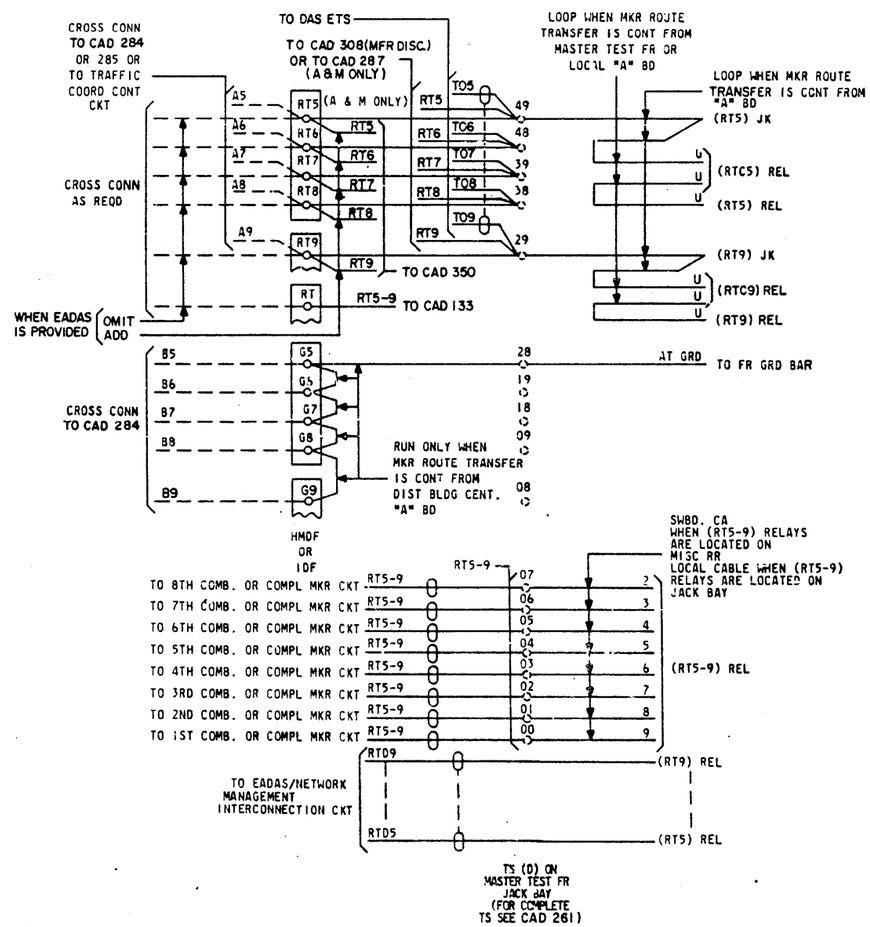
CAD 281
(FOR APP FIG. 352 & 353)



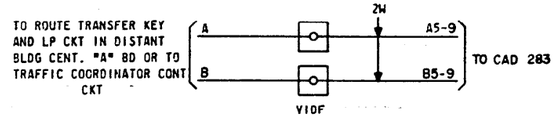
CAD 282
(FOR APP FIG. 33)



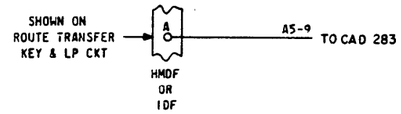
CAD 283
(FOR APP FIG. 243, 246 & 249)



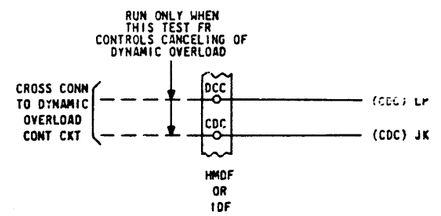
CAD 284
(FOR APP FIG. 243 & 246)



CAD 285
(FOR APP FIG. 243 & 246)



CAD 286
(FOR APP FIG. 350)



DRAWING ISSUE
48D WM BSM
49A WM BSM
53D LRF
57D
61D
64D

DRAWING ISSUE
93B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)

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BELL TELEPHONE LABORATORIES INCORPORATED

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CAD 287
(FOR APP FIG. 247)

TO TWELTH COMB. OR COMPL MKR
- RT9 58 4 (RT9') REL
- RT8 48 4
- RT7 38 4
- RT6 28 4
- RT5 18 4 (RT5') REL

TO ELEVENTH COMB. OR COMPL MKR
- RT9 57 3 (RT9') REL
- RT8 47 3
- RT7 37 3
- RT6 27 3
- RT5 17 3 (RT5') REL

TO TENTH COMB. OR COMPL MKR
- RT9 56 2 (RT9') REL
- RT8 46 2
- RT7 36 2
- RT6 26 2
- RT5 16 2 (RT5') REL

TO NINTH COMB. OR COMPL MKR
- RT9 55 : (RT9') REL
- RT8 45 1
- RT7 35 1
- RT6 25 1
- RT5 15 1 (RT5') REL

TO CAD 283
- RT9 54 U (RT9') REL
- RT9 44 U
- RT7 34 U
- RT6 24 U
- RT5 14 U (RT5') REL

TO EADAS/ NETWORK MANAGEMENT INTERCONNECTION CKT
- RTD09 53 5M (RT9') REL
- RTD05 13 5M (RT5') REL

52
12
51
41
31
21
11

TO FR FUSE PNL — TC — L (RT5') REL

TS (RT) ON ROUTE TRANSFER AUX UNIT (ON RR FR)

CAD 288
(FOR APP FIG. 246 & 393)

TO MASTER TEST FR WIDEBAND/BIT-STREAM TOTL SW TEST UNIT ON REL RK — 74 — U (TOTL) REL

TO CAD 298
- B5 69 11T (UN3B) REL
- A70 67 9T (UN3A) REL
- B2 66 5T
- -48(92) 65 6T (UN3B) REL
- -48(TALK) 64
- -48(B5) 63 (BSS) REL

TO POWER, RINGING, AND TONE DISTRIBUTING FR

62

BS
- T 61
- R 60
- 59

TO CAD 293 — BS

TO BIT-STREAM DIST FR — BOTL
- CROSS CONN TO 900Ω 4 WIRE TERM. SET ASSOC WITH WB PART OF CVP2B TERM. USED FOR TEST — T 58, R 57
- CROSS CONN TO 900Ω 4 WIRE TERM. SET ASSOC WITH BS PART OF CVP2B TERM. USED FOR TEST — T 56, R 55

HMDF — BOTL (REL)

TO CAD 308
- RT4 54 2M (RT4) REL
- RT3 53
- RT2 52
- RT1 51
- RT0 50 12M (RT0) REL

TS (E) ON MTF JK BAY (FOR COMPLETE TS SEE CAD 261)

CAD 289
(FOR APP FIG. 355)

TO VID SUPV SIG SUP UNIT ON WB TRK LK FR
- B 1 (VSB-) KEY
- A 1 (VSA-) KEY
- LPB (VSB-) LP
- LPA (VSA-) LP
- RL2 3
- RLL 4 (VSRL-) KEY

CAD 290
(FOR APP FIG. 357)

CROSS CONN TO 2-WAY TRK FOR ACCESS BETWEEN CENTREX AND AUTOVON
- B5 2
- B4 1 (MON) JK
- B3 3

CROSS CONN TO WB 2-WAY 900 OHM TRK CKT OR INTERTOLL TRK CKT OR TO WB 2-WAY LINE CKT OR TO 2-WAY 900 OHM TRK CKT OR INT TRK ARR FOR USE AS A TEST TRK FOR WB SERVICE WITH OR WITHOUT PHASE III CENTREX

HMDF

ON OGT TEST FR JK BAY

CAD 291
(FOR APP FIG. 358 & 391)

TO CABLE EQUALIZER ASSOC WITH WB TEST LINE DISTRIBUTOR (TTO) TEST LINE (SEE NOTE 229)
- T (TTO) JK (TRMT)
- R
- T1 (TTO) JK (RCV)
- R1

TO CABLE EQUALIZER ASSOC WITH WB TEST LINE DISTRIBUTOR (TTI) TEST LINE (SEE NOTE 229)
- T (TTI) JK (TRMT)
- R
- T1 (TTI) JK (RCV)
- R1

SEE NOTE 230

CAD 292
(FOR APP FIG. 359 & 392)

WB/BS

TO CABLE EQUALIZER ASSOC WITH WB 2-WAY (TST) TRK (SEE NOTE 229)
- T (TST) JK (TRMT)
- R
- T1 (TST) JK (RCV)
- R1

TO TRK TST CKT ON MTF CONT BAY
- WT4 (AUD) JK
- WR4

SEE NOTE 230

CAD 293
(FOR APP FIG. 360 & 393)

WB/BS

TO CABLE EQUALIZER ASSOC WITH WB TEST LINE DISTRIBUTOR (OTL) TEST LINE (SEE NOTE 229)
- T (OTL) JK (TRMT)
- R
- T1 (OTL) JK (RCV)
- R1

TO MTF CONT BAY
- T (OTL) JK (AUD) OR TO CAD 288
- R

SEE NOTE 230

CAD 294
(FOR APP FIG. 361 & 394)

TO CABLE EQUALIZER ASSOC WITH WB LINK TTL APPEARANCE (SEE NOTE 229)
- T (TTL-) JK (TRMT)
- R
- T1 (TTL-) JK (RCV)
- R1

TO WB/BS TRK TEST UNIT ON RR FR
- WT5 (1 OR 2) (TTL-) JK (AUD)
- WR5 (1 OR 2)

SEE NOTE 230

CAD 295
(FOR APP FIG. 362, 395 & 412)

SEE NOTE 230
SEE NOTE 234

TO CABLE EQUALIZER ASSOC WITH WB OGT CODE 101 TEST TRK (SEE NOTE 229)
- T (101) JK (TRMT)
- R
- T1 (101) JK (RCV)
- R1

TO CAD 342
- TA 2 (101) JK (AUD)
- RA 4

TO WB OGT AUD CODE 101 TEST TRK
- S (101) JK (MFR DISC) OR (101-SL) KEY (ANS) LP
- L

TO CAD 313
- S
- L
- C (CORD) LP
- S1 (CORD) REL
- SNDA 1 (SND) KEY
- RCVA 6 (RCV) KEY

TO CAD 342
- RM2 2
- RM1 3 (101 MTR) JK
- RG2 2
- RG1 3 (IGI GEN) JK

CAD 296
(FOR APP FIG. 363)

TO WB REM LK BSY UNIT ON RR FR — L — (RLMB) JK
TO WB L LK FR — S — (RLSB) LP
ON OGT TEST FR JK BAY

CAD 297
(FOR APP FIG. 364)

TO TRK TST CKT ON MTF CONT BAY
- AT (ANS) JK
- AR

CAD 298
(FOR APP FIG. 2)

ON OGT TEST FR JK BAY

TO CAD 135
- A77 60TH (WBTLO) LP OR 1ST (RLSB) LP OR BOTH
- A76 40TH (WBTLO) LP
- A75 20TH (WBTLO) LP
- A74 1ST (WBTLO) LP
- A73 1ST (WBLLO) LP

TO CAD 288
- B2 (CATMB) LP
- A70 (CALMB) LP
- B5 (RMB) LP

DRAWING ISSUE
- 48D
- 53D
- 54D
- 55A
- 56B
- 59D
- 61D
- 63A
- 64D

ISSUE 88B

MASTER TEST FRAME JACK, LAMP AND KEY (2)

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CAD 299
(FOR APP FIG. 365)

TO WIDEBAND REMOTE SWITCH SIGNAL CONTROL CKT
- ACL — (RS-ACO)LP
- ACO — (RS-ACO)KEY
- LK — (RS-AR) KEY

TO CAD 137 — LK — 2
TO PRTD CKT — BF — 5 — (RS-ACO) KEY

CAD 304
(FOR APP FIG. 372 & 374)

TO STUCK SDR TRK IDENT. CKT
- SSTI — (MN-SSTI)LP
- TRL — 5 — (SSTI-AK)KEY
- ACTR — 3 — (ACTR)KEY
- CTR — 2

TO INTERFACE & CONTROL CKT — ACTR — 4

REQD WHEN STUCK SDR HOLDING FEATURE IS PROVIDED

CAD 300
(FOR APP FIG. 366)

TO WIDEBAND REMOTE SWITCH SIGNAL CONTROL CKT
- TR2L — (RS-TR2)LP
- TRIL — (RS-TRI)LP
- TR2 — (RS-TR2)LP
- TRI
- TRC — (RS-TRI)KEY

FOR 1ST / FOR 2ND — 20 REMOTE SWITCH SIGNAL CONTROL CIRCUITS

TO PRTD CKT
- ALO OR 1 — (RS-TR2) LP
- AKO OR 1 — (RS-TRI) LP
- BI2 OR BI3 — (RS-MJ) LP

CAD 305
(FOR APP FIG. 377 & 378)

TO MASTER TEST FR TRK TEST CKT
- D2 — 2
- DI — 4 — (EDL)JK
- AX2 — 2
- AXI — 5 — (DL)JK

CAD 306 (A8M ONLY)
(FOR APP FIG. 9, 10, 379, 419, 420 NO OPTION, 421, 424 & 426)

TO FIRST TRK REQD TST JK APP (SEE NOTE 176) — FOR TL FR 0-4
- T2 — 2
- R2 — 3 — (T1) JK
- E — 2
- M — 3 — (T2) JK — (TTMO-4)
- T3 — 2
- R3 — 3 — (T3) JK
- EI — 2
- MI — 3 — (T4) JK
- T4 — 3
- R4 — 2 — (TM3) JK
- S4 — 1

TO MTF TRK TST CKT

TO SERVICE ASSISTANCE POSITION TRK CKT ARR FOR RECORDING
- REC2-(9) — 1
- REC2-(0) — 1
- REC1-(9) — 3 — (RECO-9) JK
- REC1-(0) — 3

TO CODE 970 TEST LINE CKT
- RI — P — 82 — 2
- TI — 4 — (CTL1) JK
- R — P — 81 — 2
- T — 80 — 4 — (CTL) JK

TO IST PREF CONT CKT IN IST DIGIT REG MKR CONN — CB — (DRMCMB) JK FOR IST MKR IN IST MKR CONN ON IST DIGIT REG MKR CONN

TO LAST PREF CONT CKT IN IST DIGIT REG MKR CONN — CB — (DRMCMB) JK FOR LAST MKR IN IST MKR CONN ON IST DIGIT REG MKR CONN

TO IST PREF CONT CKT IN LAST DIGIT REG MKR CONN — CB — (DRMCMB) JK FOR IST MKR IN LAST MKR CONN IN LAST DIGIT REG MKR CONN

TO LAST PREF CONT CKT IN LAST DIGIT REG MKR CONN — CB — (DRMCMB) JK FOR LAST MKR IN LAST MKR CONN IN LAST DIGIT REG MKR CONN

TO DIGIT REG CKT — LP — MB — (DRTO) LP

TO AUTO. CALL DISTRIBUTION TRK LINK FR — MB — (DRMB) JK

TO AUTO. CALL DISTRIBUTION MKR CKT
- PSR5 — 75 — 6M
- PSRO — 70 — IM — (PSR) REL

TO LINE CKT FOR ACD CALL TRANSFER AND AHR FOR INTERCEPT TRAFFIC
- ALM
- MJ — (ANN-MJ) LP

TO ACD SERVICE ASSISTANCE POSITION TRK ARR FOR RECORDING
- ALM
- MJ

TO ANN CONT CKT FOR AUTO. CALL DISTRIBUTION
- ALM
- MJ — 60 — 4 — (ANN-ACO) JK

TO FR FUSE PNL — -48V (A22) — 57 — 108
TO CAD 260 — A22 — 56 — 98 — (UNO) REL

TS (D) ON MASTER TEST FR JACK BAY FOR AUTO. CALL DISTRIBUTION

CAD 301
(FOR APP FIG. 367)

TO PBX-AIOD-A2 FUSE ALARM AND MISC CKT
- MJB — (MJ-AIOD)LP
- MJG — MJG — TO CAD 134 IST OR CAD 261 2ND — FIG 367
- MNB — (MN-AIOD)LP
- MNG — MNG — TO CAD 134 IST OR CAD 261 2ND — FIG 367
- RSI
- RS — (RS-AIOD) KEY

TO PBX-AIOD-A2 STATION IDENTIFICATION TEST CKT
- DLN7 — (DLN7)LP
- DLN4 — (DLN4)LP
- DLN2 — (DLN2)LP
- DLNI — (DLNI)LP
- DLNO — (DLNO)LP
- DLNG — DLNG — TO CAD 134 IST OR CAD 261 2ND — FIG 367

CAD 302
(FOR APP FIG. 375)

TO CENTREX MLPP 2-WAY TRK TEST CKT — TST — 5 — (MON) KEY

CAD 303
(FOR APP FIG. 2 & 376)

WB CONTINUITY TEST CKT (I) — ALS — (WBCTI)LP

WB CONTINUITY TEST CKT (O)
- ALS — (WBLTO)LP
- ALR — 5 — (WBCT-AR) KEY

SEE NOTE 103

6TH AUTO. CALL DISTRIBUTION MKR CKT — R4 — 55 — 6
IST AUTO. CALL DISTRIBUTION MKR CKT — R4 — 54 — 5
R4 — 53 — 4
R4 — 52 — 3
R4 — 51 — 2
R4 — 50 — 1 — (CGAT4)REL

6TH AUTO. CALL DISTRIBUTION MKR CKT — RO — 15 — 6
IST AUTO. CALL DISTRIBUTION MKR CKT — RO — 14 — 5
RO — 13 — 4
RO — 12 — 3
RO — 11 — 2
RO — 10 — 1 — (CGATO) REL

6TH AUTO. CALL DISTRIBUTION MKR CKT — AV — 05 — M6
IST AUTO. CALL DISTRIBUTION MKR CKT — AV — 04 — M5
AV — 03 — M4
AV — 02 — M3
AV — 01 — M2
AV — 00 — M1 — (CGATO) REL

TS (D) ON MASTER TEST FR JACK BAY FOR AUTO. CALL DISTRIBUTION

DRAWING ISSUE: 53D MS; 54D; 55A; 56B; 61D; 63A

DRAWING ISSUE: 90B

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MASTER TEST FRAME JACK, LAMP & KEY (2)

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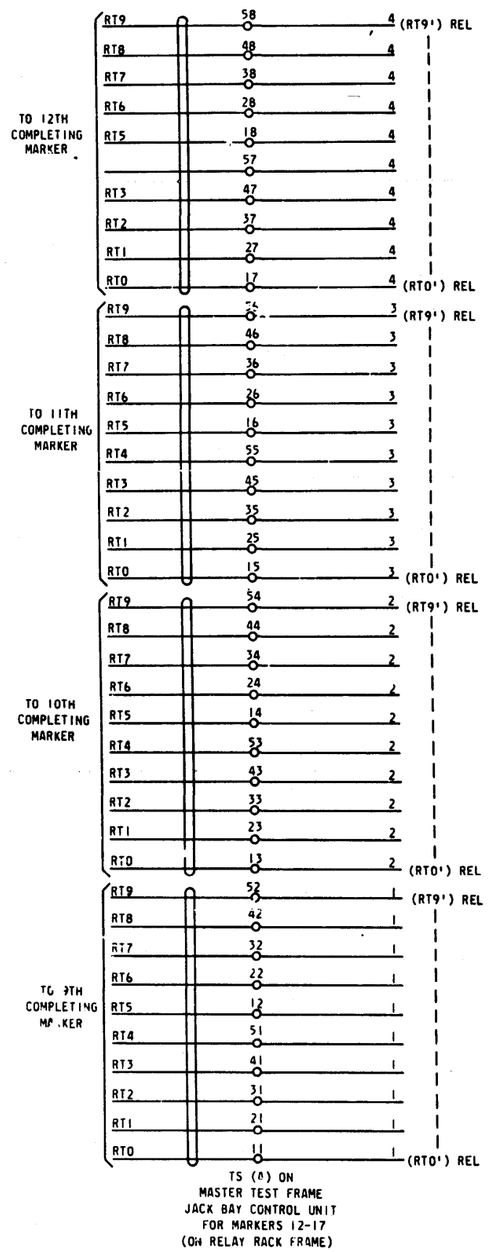
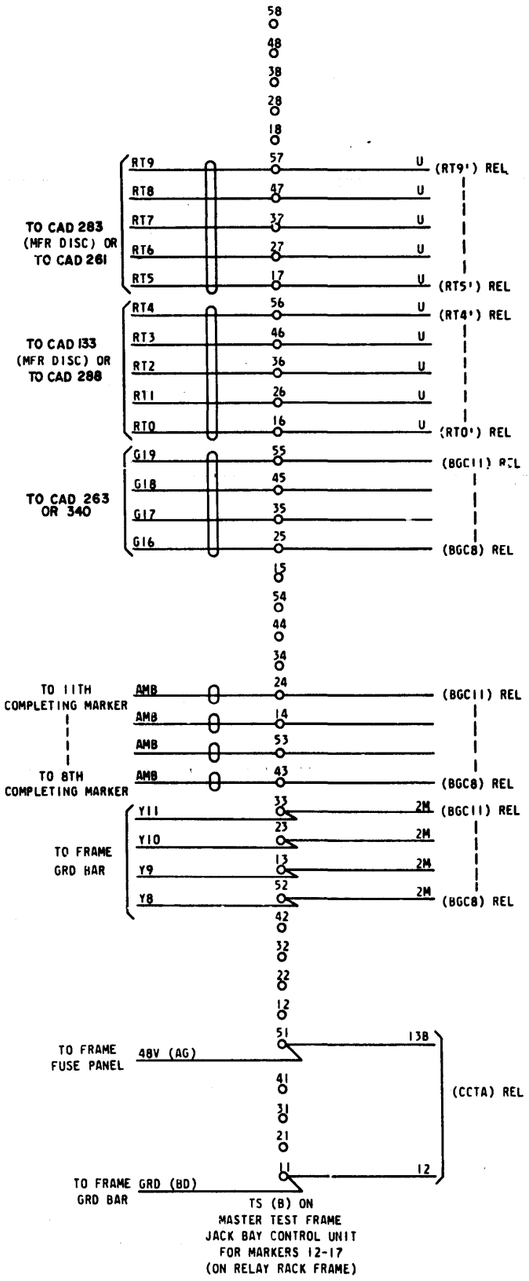
CAD 307
(FOR APP FIG. 247)



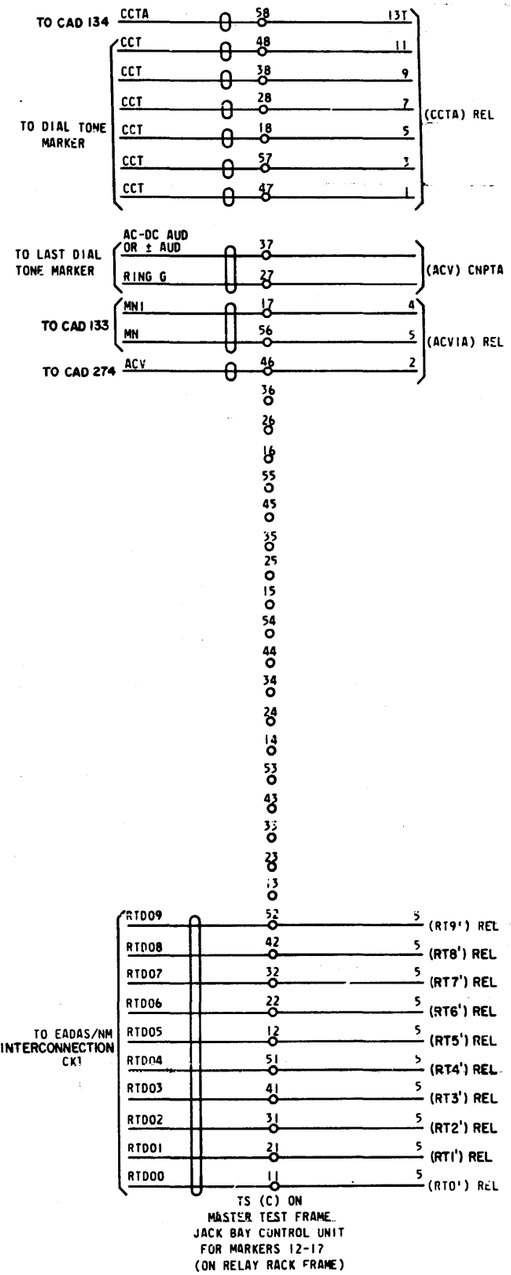
TS (A) ON
MASTER TEST FRAME
JACK BAY CONTROL UNIT
FOR MARKERS 12-17
(ON RELAY RACK FRAME)

CAD 308
(FOR APP FIG. 21, 34 & 158)



TS (B) ON
MASTER TEST FRAME
JACK BAY CONTROL UNIT
FOR MARKERS 12-17
(ON RELAY RACK FRAME)

CAD 309
(FOR APP FIG. 34 & 158)



TS (C) ON
MASTER TEST FRAME
JACK BAY CONTROL UNIT
FOR MARKERS 12-17
(ON RELAY RACK FRAME)

DRAWING ISSUE
57D
61D

ISSUE
85B

MASTER TEST FRAME
JACK, LAMP AND KEY (2)

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CAD 310
(FOR APP FIG. 387 & 413)

TO 2-WAY 900 OHM TRK OR INTERTOLL TRK UNIT FOR WIDEBAND SERVICE ARRANGED FOR USE AS A TEST TRK OR TO 2-WAY 900 OHM TRK OR INT TRK ARR FOR USE AS A TEST TRK FOR WB SERVICE WITH OR WITHOUT PHASE III CENTREX

VCT — 6 — (TTVCT) KEY
VSS2 — 5 — (VSS) KEY
VSS1 — 6

CAD 311
(FOR APP FIG. 380)

TO CALL WAITING LINK FR

CWLMB — 3 — (CWLMB) JK
CWG — 1

CAD 312
(FOR APP FIG. 382)

(SEE NOTE 230)

TO CABLE EQUALIZER ASSOC WITH MASTER TEST FR TEST LINE EXTENSION APPEARANCE 1 OR 2 (CAD 313) (SEE NOTE 229)

T — R — (EXT-) JK (TRMT)
TI — RI — (EXT-) JK (RCV)

TO CAD 313

AT (1 OR 2) — AR (1 OR 2) — (EXT-) JK (AUD)

CAD 313
(FOR APP FIG. 383, 384 & 385)

(SEE NOTE 230)

TO CABLE EQUALIZER ASSOC WITH 2ND MASTER TEST FR TEST LINE EXTENSION APPEARANCE (CAD 312) (SEE NOTE 229)

T 58 — R 48 — (EXT2) JK (TRMT)
TI 38 — RI 28 — (EXT2) JK (RCV)

TO CAD 312

AT2 18 — AR2 57 — (EXT2) JK (AUD)

TO CABLE EQUALIZER ASSOC WITH 1ST MASTER TEST FR TEST LINE EXTENSION APPEARANCE (CAD 312) (SEE NOTE 229)

T 47 — R 37 — (EXT1) JK (TRMT)
TI 27 — RI 17 — (EXT1) JK (RCV)

TO CAD 312

AT1 56 — AR1 46 — (EXT1) JK (AUD)

L 36 — (101-ANS) LP
C 26 — (101-CORD) LP
TO CAD 295
S1 16 — (101-SL) KEY
S 55

TO CABLE EQUALIZER ASSOC WITH WIDEBAND TEST TRK (SEE NOTE 229)

T 45 — R 35 — (AUX TT) JK (TRMT)
TI 25 — RI 15 — (AUX TT) JK (RCV)

TO WIDEBAND TEST TRK ON RELAY RACK FR

T 54 — (PSCT) CAP
R 44 — (PSCR) CAP
S 34 — 1 — (ONI) REL

(SEE NOTE 234)

24
14
53
43
33
23
13
52
42

TO FRAME FUSE PANEL

-48V AH TALK 32 — (ON) REL
-48V AD 22 — (RV) REL
-48V AC 12 — 4
-48V AB 51 — 3
TO CAD 314

41

TO FRAME GRD BAR

GRD AZ 31 — 2
GRD AY 21 — 1
GRD BA 11 — (ON) REL

TS (A) ON MASTER TEST FRAME JACK BAY WIDEBAND REMOTE UNIT ON RELAY RACK FRAME

CAD 314
(FOR APP FIG. 384)

TO CONNECTOR OR PRIMING SET FOR TRK TEST REG

8 — 3 — TO CAD 313
7 — 4
6 — SPARE
5 — 3 — (AUX TT AUD) JK
4 — 8B — (ACI) REL
3 — 2 — TO CAD 313
2 — 9B — (ACI) REL
1 — 1 — TO CAD 313

P8A CORD (PROVIDE WITH PRIMING SET FOR TRK TEST REG)

(TST) CONN

CAD 315
(FOR APP FIG. 386)

TP P8X-A100-A1 STATION IDENTIFICATION TEST CKT ON STATION IDENTIFICATION FR

RPG — RP — (RESET) KEY
FSG — PSG — TO CAD 134
PS — (PSD) LP
TPG — TPG — TO CAD 134
TP — (TRAP) LP
TSG — TSG — TO CAD 134
TS — (TSD) LP
MJB — (MJ-AIOD) LP
MJG — MJG — TO CAD 134
MNB — (MN-AIOD) LP
MNG — MNG — TO CAD 134
RSI — RS — (RS-AIOD) KEY

TO P8X-AIOD A1 FUSE ALARM AND MISC CKT ON STATION IDENTIFICATION FR

CAD 316
(FOR APP FIG. 388)

TO CABLE EQUALIZER ASSOC WITH WB LINE LINK (CTTL2) (SEE NOTE 229)

T — R — (CTTL2) JK (TRMT)
TI — RI — (CTTL2) JK (RCV)

TO MTF TRK TEST CKT ON MTF CONT BAY

WT7 — WR7 — (CTTL2) JK (AUD)

TO CABLE EQUALIZER ASSOC WITH TEST LINE DISTRIBUTOR (CTTL1) (SEE NOTE 229)

T — R — (CTTL1) JK (TRMT)
TI — RI — (CTTL1) JK (RCV)

TO MTF TRK TEST CKT ON MTF CONT BAY

WT6 — WR6 — (CTTL1) JK (AUD)

SEE NOTE 230

CAD 317
(FOR APP FIG. 381)

TO)TH ACCESS GRP CONT UNIT ON RR — AGB9 — (AGCB9) LP
TO IST ACCESS GRP CONT UNIT ON RR — AGB0 — (AGCB0) LP

DRAWING ISSUE
56B
57D
58A
59D
61D
62A
63A

ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2) SD-25762-01-G33

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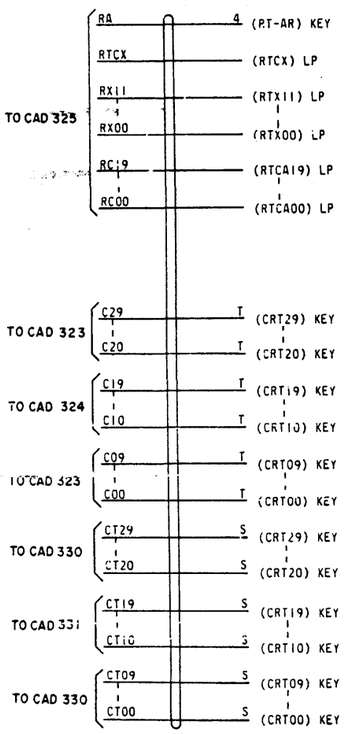
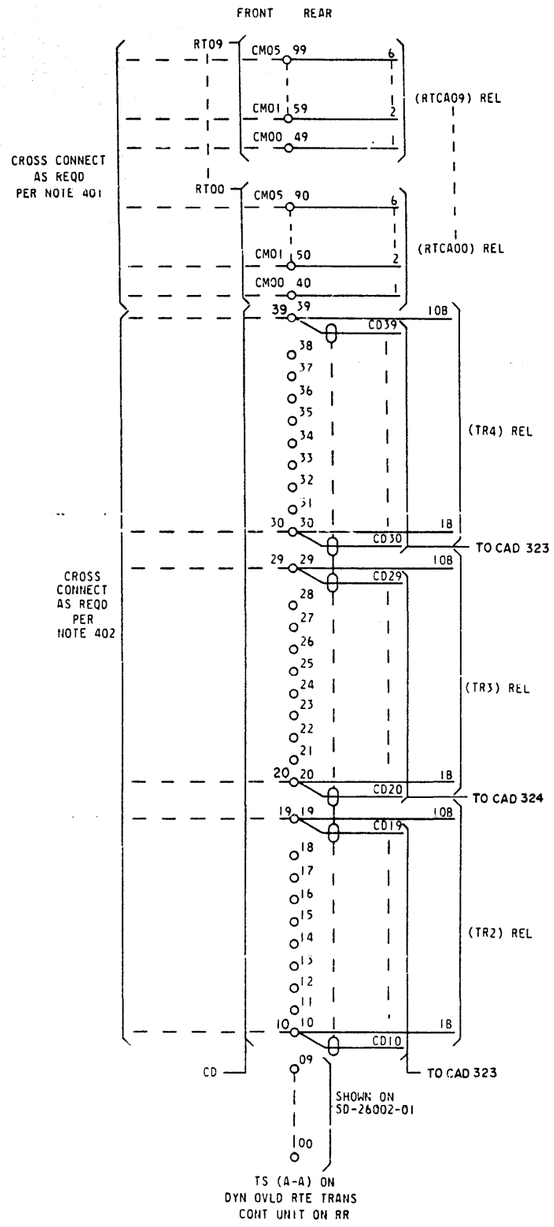
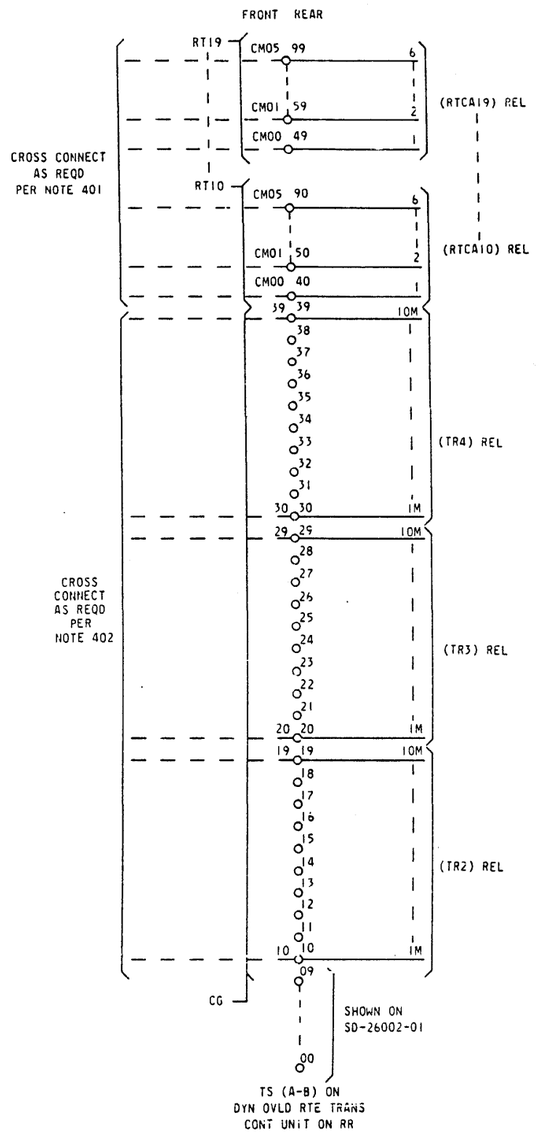
CAD 318
(FOR APP FIG. 396, 398 & 403)



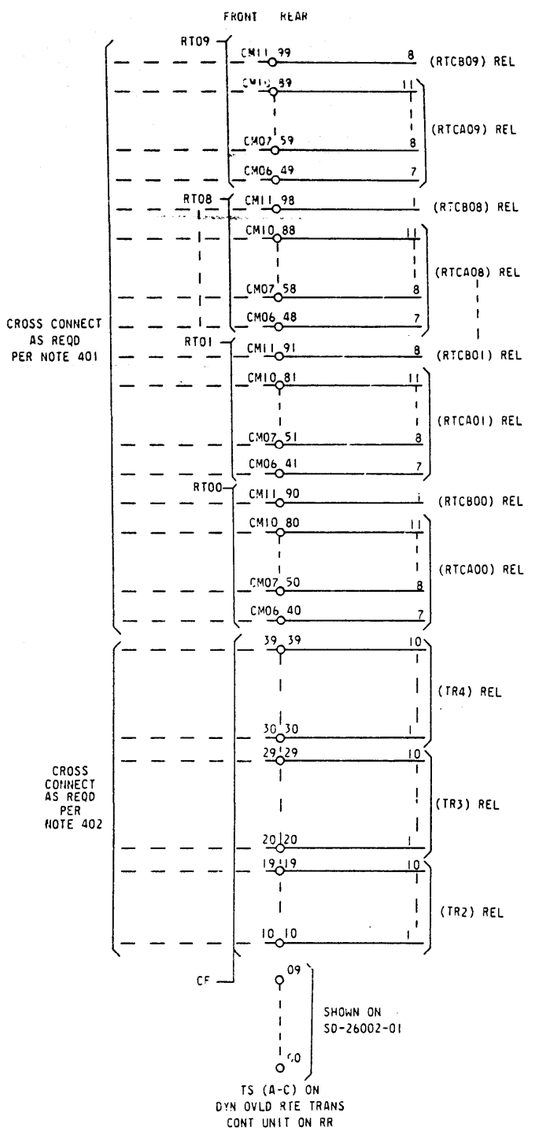
CAD 319
(FOR APP FIG. 398 & 433)



CAD 320
(FOR APP FIG. 398 & 433)



CAD 321
(FOR APP FIG. 398 & 433)



DRAWING ISSUE
590
61D

ISSUE
85B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)
SD-25762-01-G34

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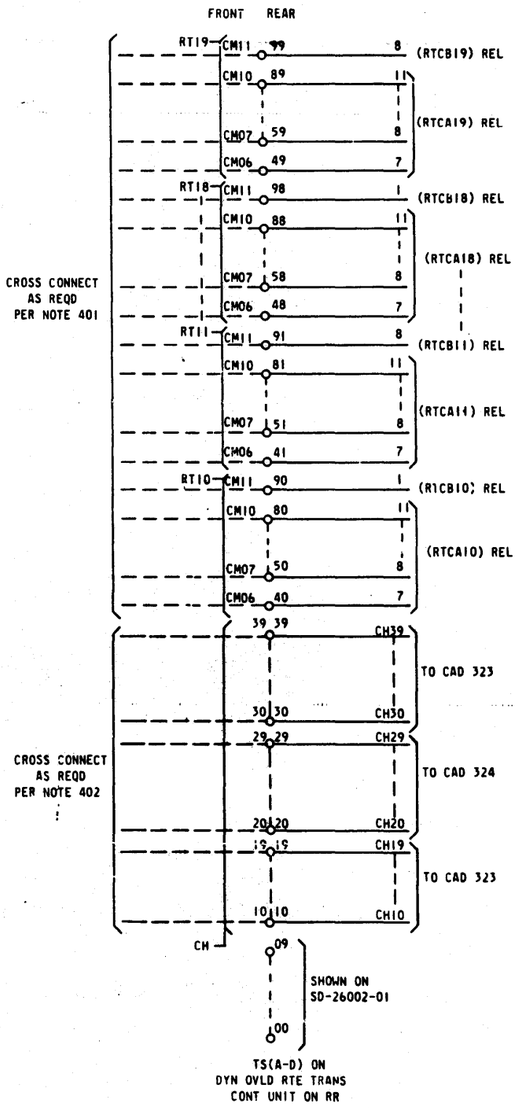
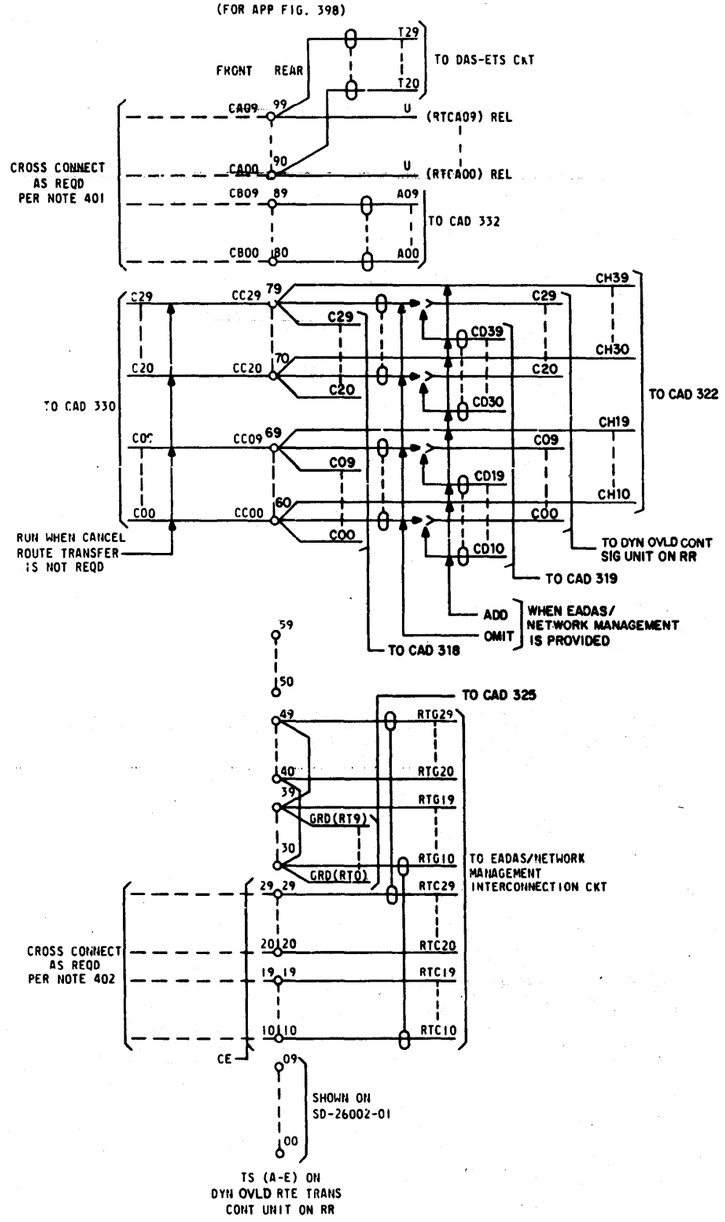
SD-25762-01-G34

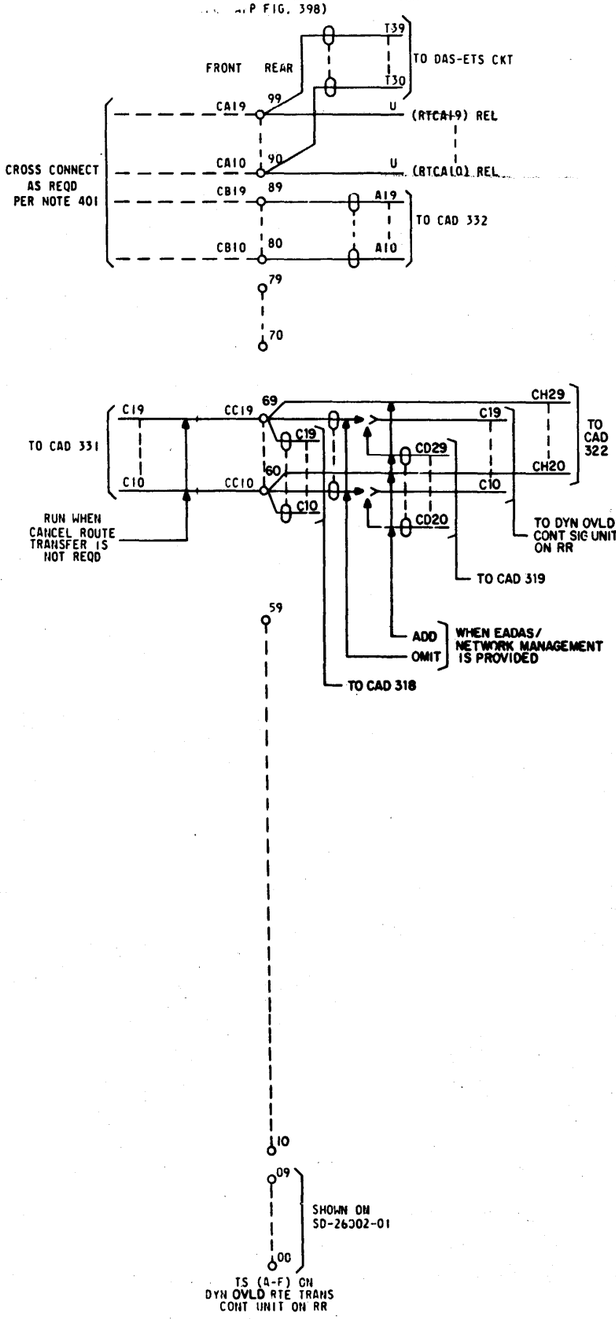
CAD 322
(FOR APP FIG. 398)



CAD 323
(FOR APP FIG. 398)



CAD 324
(FOR APP FIG. 398)



DRAWING ISSUE
59D
61D

ISSUE
97B

MASTER TEST FRAME
JACK, LAMP AND KEY

(2)

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6S

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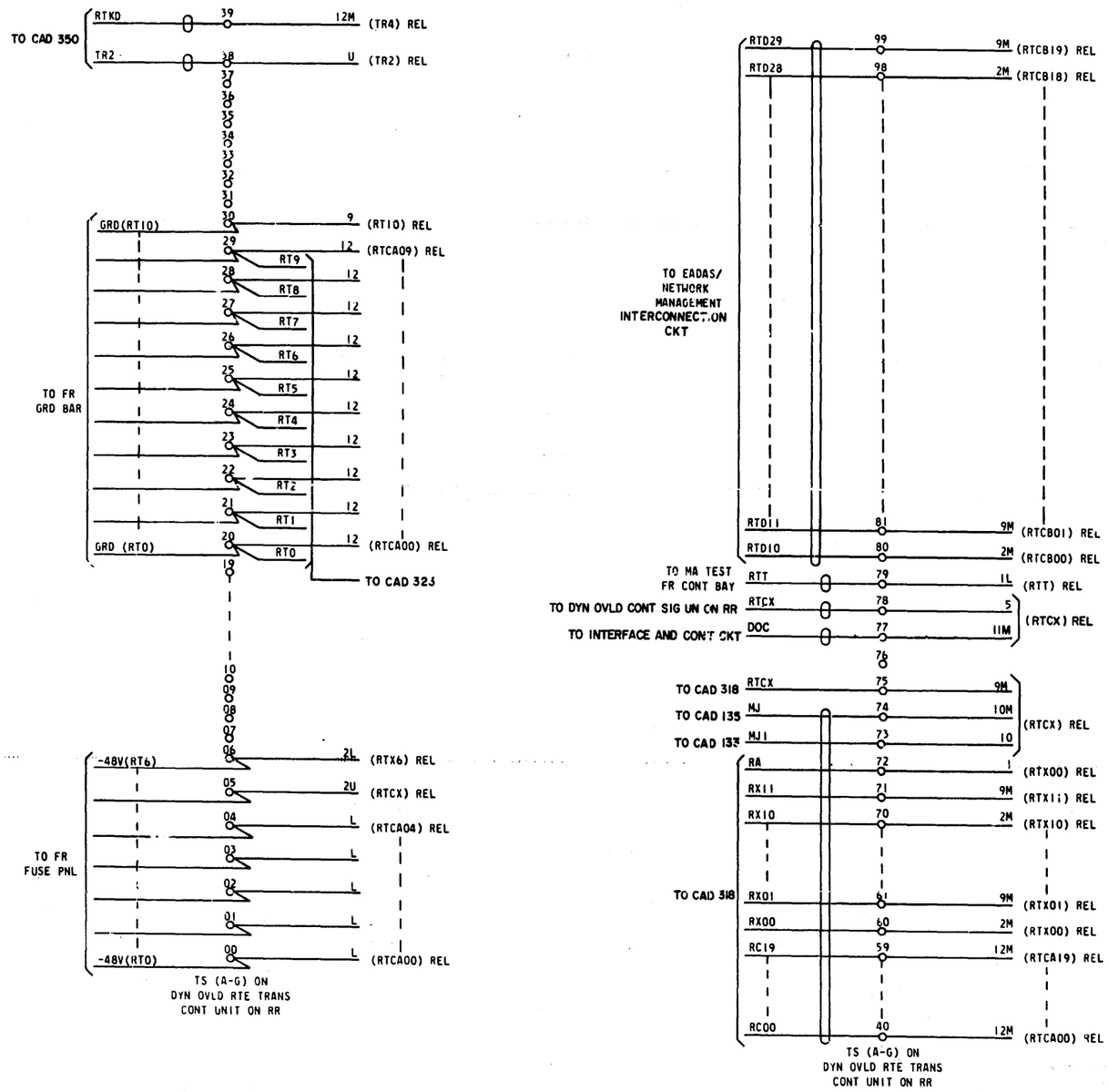
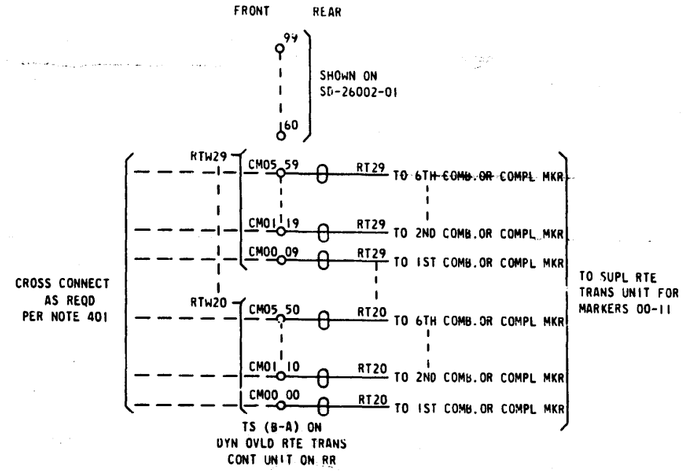
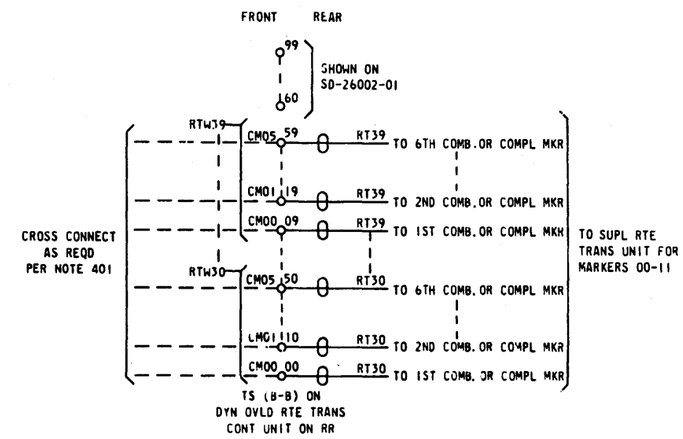
CAD 325
(FOR APP FIG. 396, 398 & 429)



CAD 326
(FOR APP FIG. 398)



CAD 327
(FOR APP FIG. 398)



DRAWING ISSUE
59D
61D
64D

ISSUE 85B

MASTER TEST FRAME
JACK, LAMP AND KEY (2) SD-25762-01-G36

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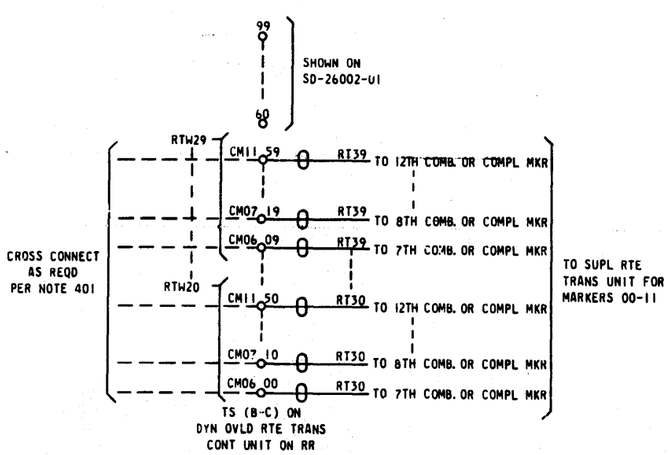
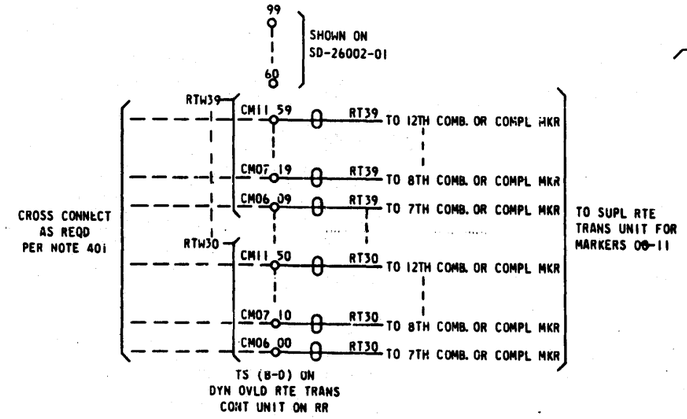
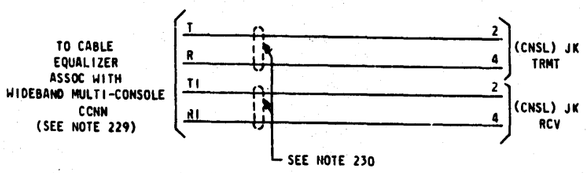
CAD 328
(FOR APP FIG. 398)



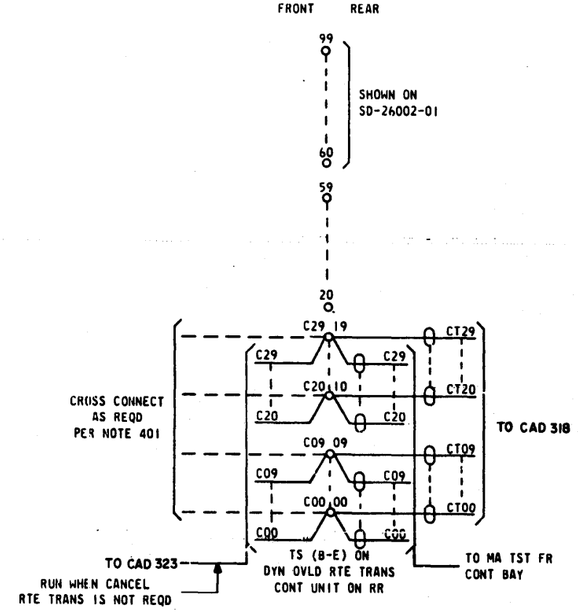
CAD 329
(FOR APP FIG. 398)



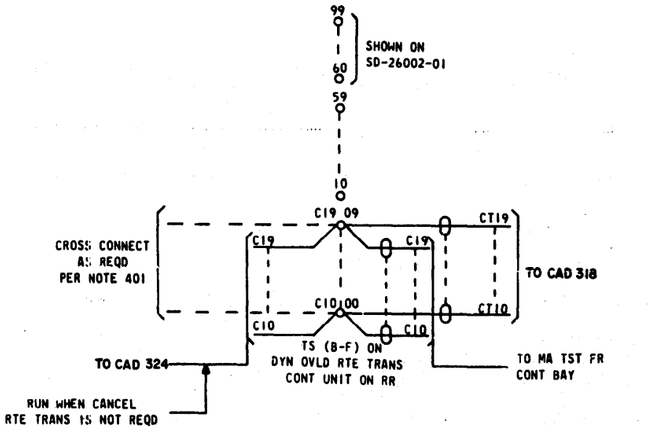
CAD 334
(FOR APP FIG. 404)



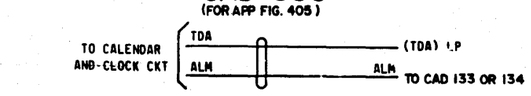
CAD 330
(FOR APP FIG. 403)



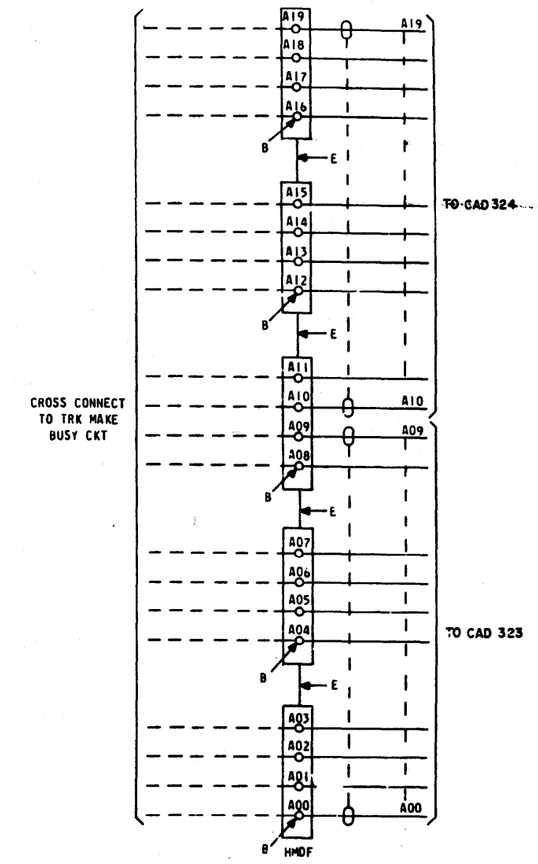
CAD 331
(FOR APP FIG. 403)



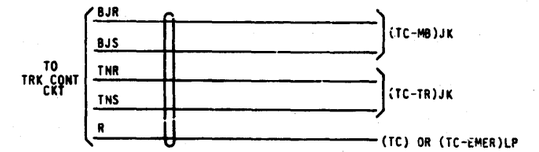
CAD 335
(FOR APP FIG. 405)



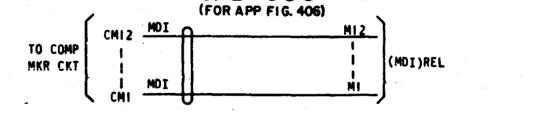
CAD 332
(FOR APP FIG. 398)



CAD 333
(FOR APP FIG. 390)



CAD 336
(FOR APP FIG. 406)



ISSUE
59D
61D

DRAWING ISSUE
85B

MASTER TEST FRAME JACK, LAMP AND KEY (2) SD-25762-01-G37

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25762-01-G37

CAD 337 (A&M ONLY)

(FOR APP FIGURES 408,409, & 414)

TO SEQUENTIAL GATE CONTROL CKT
- MC- 3 (SGC MCIF-) JK
- MCL- (SGC MCIF-) LP
- CIF- (SGC CIF-) LP

TO SEQUENTIAL GATE CONTROL CKT
- XGS- (SGC XG-) LP
- ALS- (SGC SAL-) LP
- MBL- (SGC SMB-) LP
- MB- (SGC SMB-) JK

TO 1ST SEQUENTIAL GATE CONTROL CKT
- ALR (SGC AR) KEY

TO LEVEL DETECTOR CKT FOR AUTO. CALL DISTRIBUTION
- DAR (LD-AR) KEY

CAD 338

(FOR APP FIG. 410)

TO BIT-STREAM TEST LINE DIST CKT
- DLB 6 (BS DLB) KEY
- AC 5 (BS AC) KEY
- ACG 4

CROSS CONN TO CVP28 TERM USED FOR TEST
- T 2
- R 4 (CVP28) JK TRMT
- TI 2
- RI 4 (CVP28) JK RCV

HMDF

CAD 339

(FOR APP FIG. 411)

TO SUP BIT-STREAM TRK TST CKT
- OTT 5 (BS TR2) KEY

TO BIT-STREAM TEST LINE DIST CKT
- BT2 6
- BT1 1 (BS TR1) KEY
- BT 2

CAD 340

(FOR APP FIG. 2,9,33)

69 COMPLETE TS SHOWN ON SD-25572-01
61
60

TO CAD 341 C6 (C6)GRD TO FR GRD BAR

TS (C) ON MASTER TEST FR AUX CONT BAY

TO CAD 133
- B3 (TO)LP FOR ORI7(4)
- B4 (TVCII) LP
- G19 (ORMC-MB00) JK FOR CM11

TO CAD 308
- G18
- G17
- G16 (ORMC-MB00) JK FOR CM8
- G15 (ORMC-MB00) JK FOR CM7
- G14
- G13
- G12
- G11
- G10
- G9
- G8 (ORMC-MB00) JK FOR CM0

TO CAD 261
- G7 (LLMC-MB30) JK FOR DM3
- G6
- G5
- G4 (LLMC-MB30) JK FOR DM0
- G3 (LLMC-MB00) JK FOR DM3
- G2
- G1
- G0 (LLMC-MB00) JK FOR DM0
- ACV (ACV) LP
- PUA (PUA) LP
- TOA (RSTOA) LP

TO CAD 135
- A21
- A39 (TO-IR120) LP
- A38 (TO-IR80) LP
- A37 (TO-IR40) LP
- A36 (TO-IR00) LP
- A35 (TO-OR15) LP
- A34 (TC-OR10) LP
- A33 (TO-OR5) LP
- A32 (TO-OR0) LP
- A31 (MTE) LP
- A29 (TRGBO) LP
- A22 (MCGAC) LP
- A21 (CSAB) LP OR (DAMB) LP

TO CAD 261
- A20 (ORMCO-0) LP
- A19 (IRSTOO) LP
- A18 (IRGBOO) LP
- A17 (SGBO) LP
- A16 (LLMC 30) LP
- A15 (LLMCOO) LP
- A9 (TRPO) LP
- A8 (TVCSPOO) LP
- A7 (SCSPOO) LP
- A6 (IRPO) LP
- A4 (SCOO) LP
- A2 (NGCOO) LP
- A1 (TLCOO) LP
- A0 (LLCOO) LP

TO CAD 349
- G23 (LLMCMB30)JK FOR DTM5
- G22 (LLMCMB30)JK FOR DTM4
- G21 (LLMCMB00)JK FOR DTM5
- G20 (LLMCMB00)JK FOR DTM4

ON MA TST FR AUX CONT BAY

PART OF CAD 341

(FOR APP FIG. 2,33, & 40)
(CABLING TO CONTROL CABINET ABOVE PEDESTAL MOUNTED PERFORATOR)

- ARC1
- ARC
- ARI
- A14 (TRR-TAR) KEY
- CLR12 (DL-MTE) LP

TO CAD 134
- CLR11 (TRMB-C11) JK (TRB1-C11)
- CLR10 (TRMB-C10) JK (TRB1-C10)
- CLR9 (TRMB-C9) JK (TRB1-C9)
- (TRMB-C8) JK (TRB1-C8)

TO 2ND SUPL MASTER TEST CONN CKT TO CAD 356
- I1 VP
- A (TRR-AR) JK
- A13 (DL-DTMO) LP
- A12 (DL-RO) LP

TO CAD 133
- MN1 VO
- MN
- E
- D
- C
- B (TRR-AR) KEY
- TRB1-AM (TRR) LP

- TRB1-C7 CLR (TRMB-AM) JK
- CLR (TRMB-C7) JK

TO MASTER TEST CONN CKT
- TRB1-C0 (TRMB-C0) JK
- TRB1-D3 CLR (TRMB-DT3) JK
- TRB1-D0 (TRMB-DTO) JK

TO 2ND SUPL MASTER TEST CONN CKT
- TRB1-D5 (TRMB-DT5) JK
- TRB1-D4 (TRMB-DT4) JK

TO CAD 135
- TRB1-R19 OR TRB1-TC19 (TRMB-R19) JK OR (TRMB-TC19) JK
- TRB1-R10 OR TRB1-TC10 (TRMB-R10) JK OR (TRMB-TC10) JK
- TRB1-R9 OR TRB1-TC9 (TRMB-R9) JK OR (TRMB-TC9) JK

TO MASTER TEST CONN CKT
- TRB1-RO OR TRB1-TCO (TRMB-RO) JK OR (TRMB-TCO) JK
- TRB1-EMR OR TRB1-TC-EMER (TRMB-EMR) JK OR (TRMB-TC-EMER) JK
- TRB1-MTO (TRMB-MTO) JK
- TRB1-MTE OR TRB1-MT (TRMB-MTE) JK OR (TRB1-MT) JK

TO PRETRANSLATOR CKT (FR 0)
- TRB1-PRT2 (TRMB-PRT2) JK
- TRB1-PRT1 (TRMB-PRT1) JK
- TRB1-PRTC (TRMB-PRTO) JK

TO IR PRT CKT
- IR PRT2 TRB1 (TRMB-PRT2) JK
- IR PRT1 TRB1 (TRMB-PRT1) JK
- IR PRTO TRB1 (TRMB-PRTO) JK

TO MASTER TEST FR CONN CKT
- TRB1-SC (TRB1-SC) JK
- TRB1-BC (TRB1-BC) JK

TO MASTER TEST FR CONN CKT ON IODD PRETRANSLATOR FR
- PRT1 TRB1 (TRMB-PRT1) JK — IODD TSPS
- PRTO TRB1 (TRMB-PRTO) JK

DRAWING ISSUE 63A 64D

DRAWING ISSUE 86A

MASTER TEST FRAME JACK,LAMP AND KEY (2)

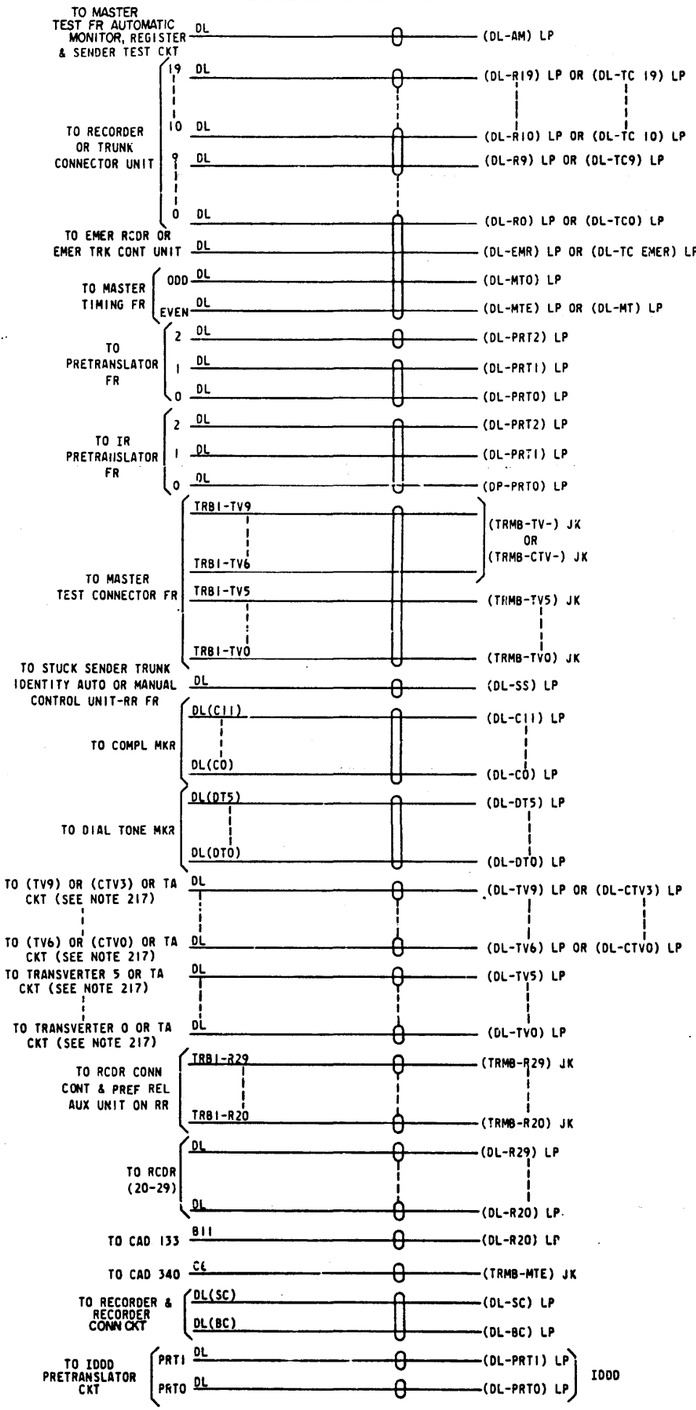
SD-25762-01-638

BELL TELEPHONE LABORATORIES INCORPORATED SHEET SIZE 6S

SD-25762-01-638

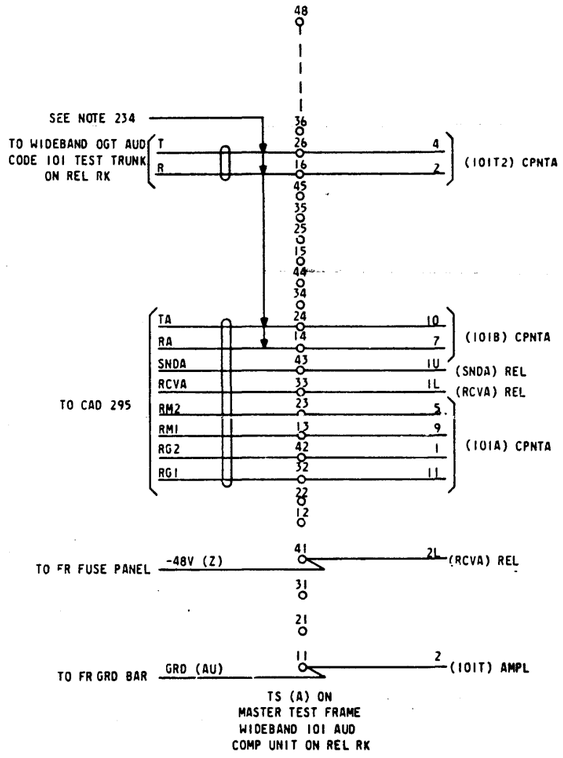
PART OF CAD 341

(FOR APP FIG. 2, 3, & 40)
(CABLING TO CONTROL CABINET
ABOVE PEDESTAL MOUNTED PERFORATOR)



CAD 342

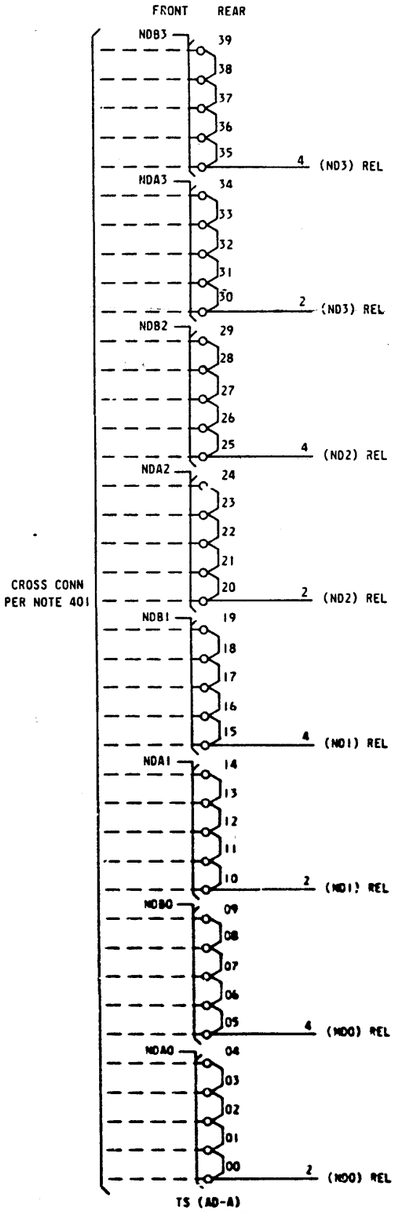
(FOR APP FIG. 412)



TS (A) ON
MASTER TEST FRAME
WIDEBAND 101 AUD
COMP UNIT ON REL RK

PART OF CAD 343 (A&M ONLY)

(FOR APP FIG. 417,418)



TS (AD-A)
ON JACK BAY FOR
AUTO. CALL DISTRIBUTION

DRAWING ISSUE
63A
64D

DRAWING ISSUE
90B

MASTER TEST FRAME
JACK, LAMP AND KEY

(2)

SD-25762-01-G39

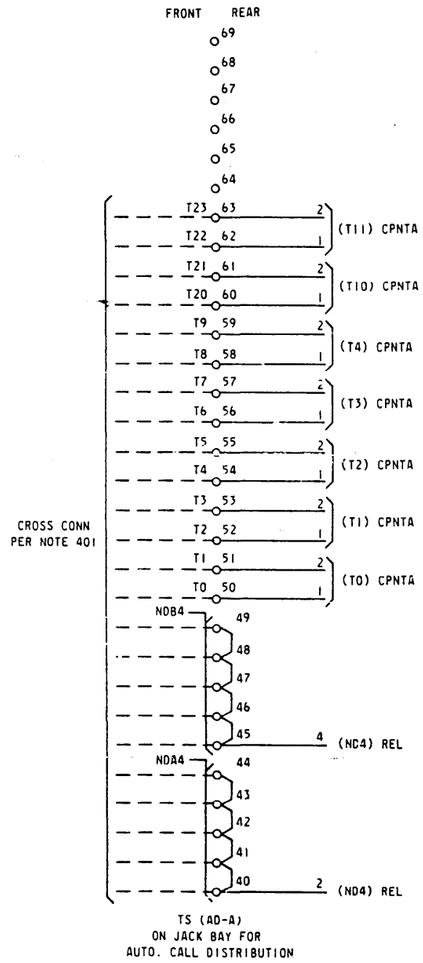
BELL TELEPHONE LABORATORIES
INCORPORATED

SIZE
6S

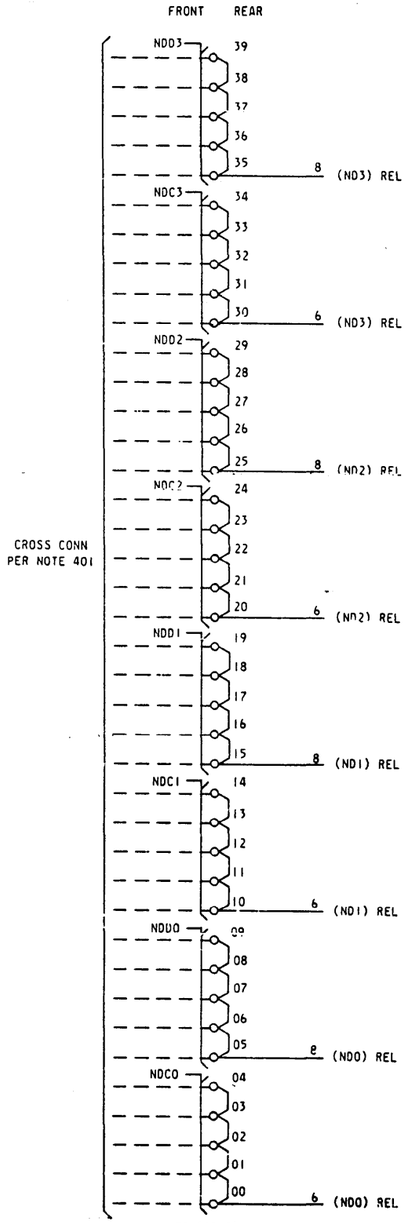
SD-25762-01-G39

PART OF CAD 343 (A&M ONLY)

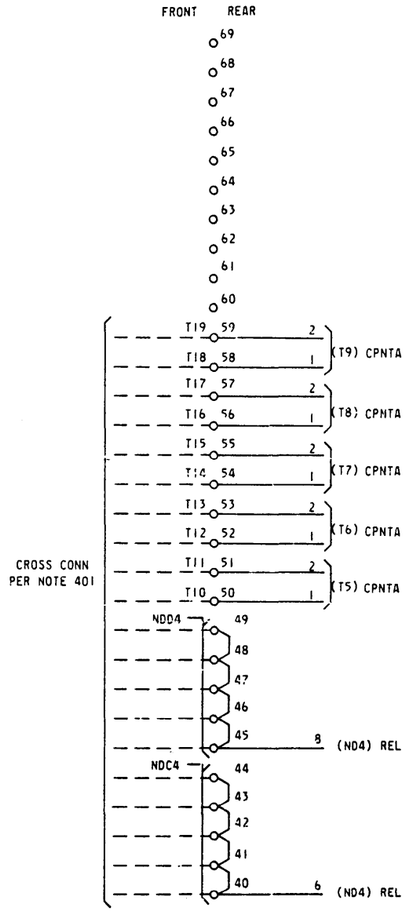
(FOR APP FIG. 417,418)



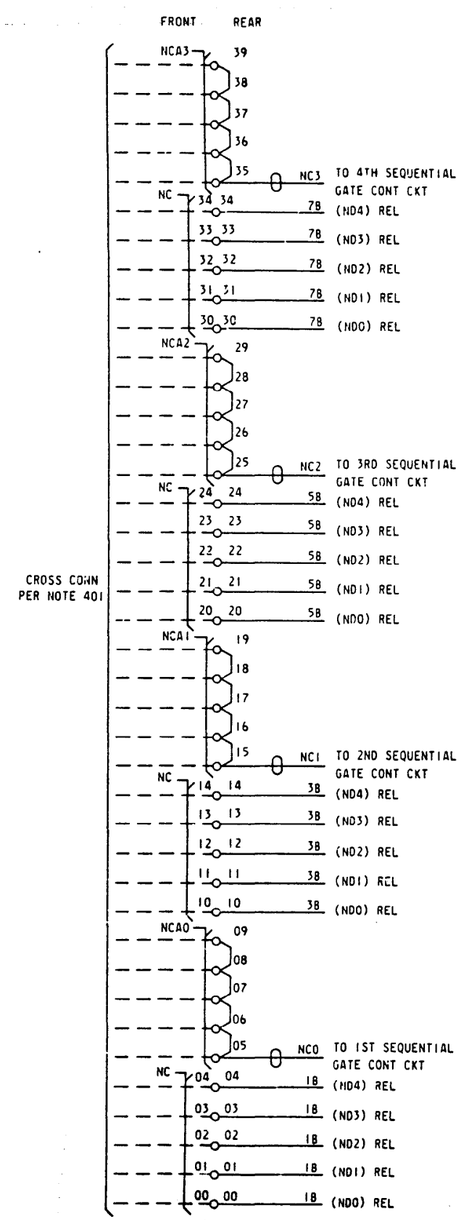
TS (AD-A)
ON JACK BAY FOR
AUTO. CALL DISTRIBUTION



TS (AD-B)
ON JACK BAY FOR
AUTO. CALL DISTRIBUTION



TS (AD-8)
ON JACK BAY FOR
AUTO. CALL DISTRIBUTION



TS (AD-C)
ON JACK BAY FOR
AUTO. CALL DISTRIBUTION

DRAWING ISSUE
85B

MASTER TEST FRAME
JACK, LAMP AND KEY

(2)

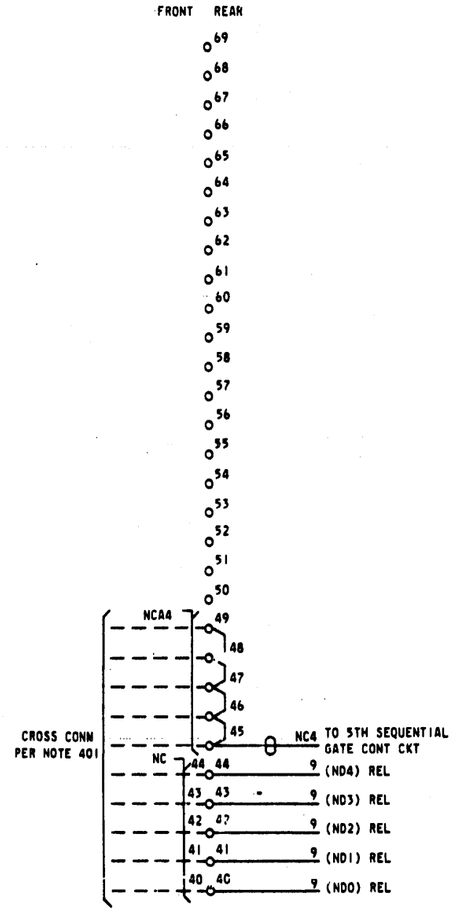
SD-25762-01-G40

BELL TELEPHONE LABORATORIES
INCORPORATED

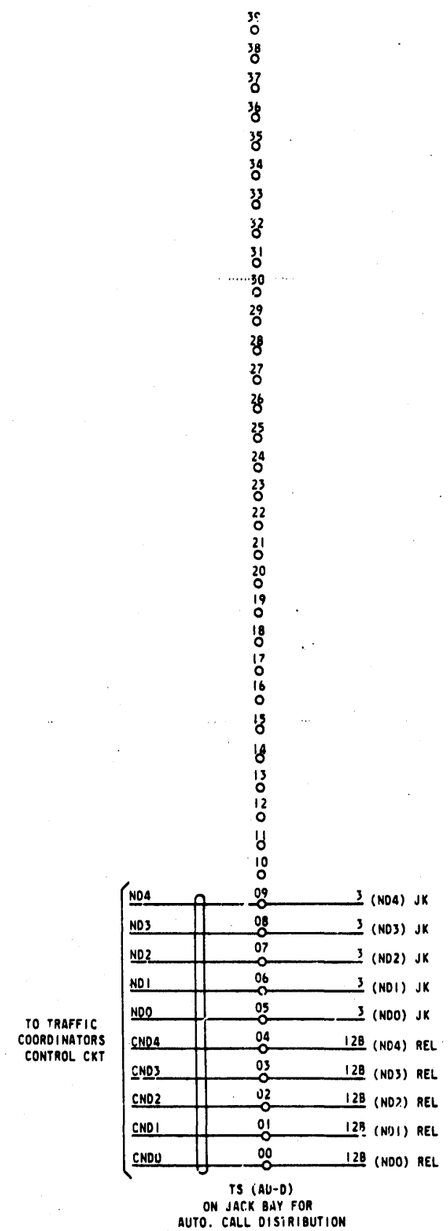
6S

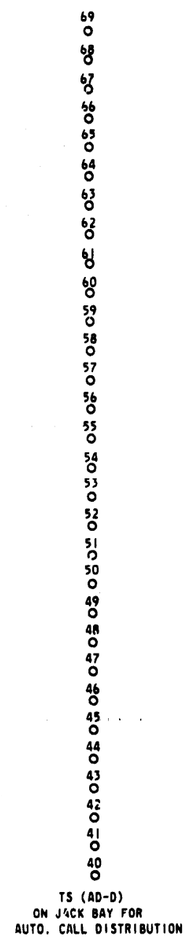
SD-25762-01-G40

PART OF CAD 343 (A&M ONLY)
(FOR APP FIG 417 & 418)

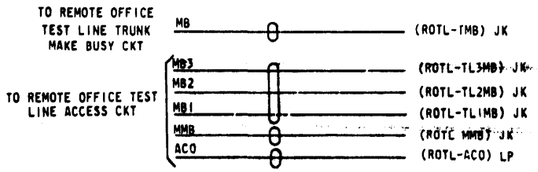


CAD 344 (A&M ONLY)
(FOR APP FIG 417)





CAD 345
(FOR APP FIG 415, 416 & 440)



DRAWING ISSUE
96B

MASTER TEST FRAME
JACK, LAMP AND KEY
(2)

SD-25762-01-641

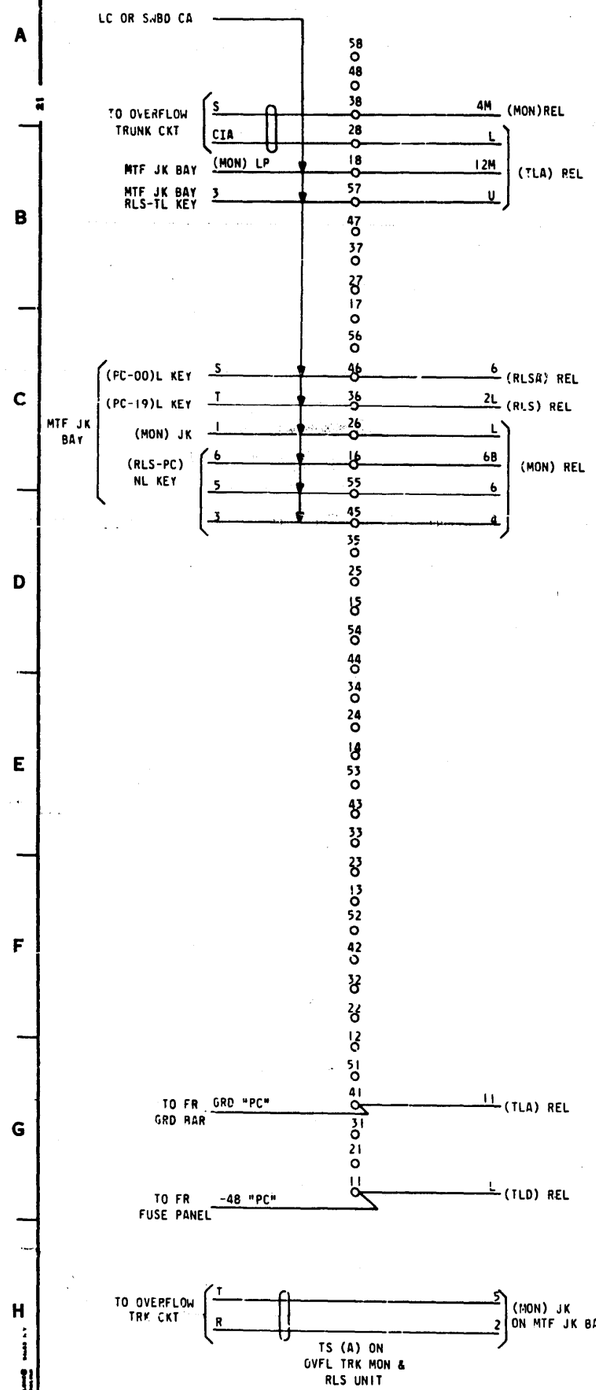
BELL TELEPHONE LABORATORIES INCORPORATED

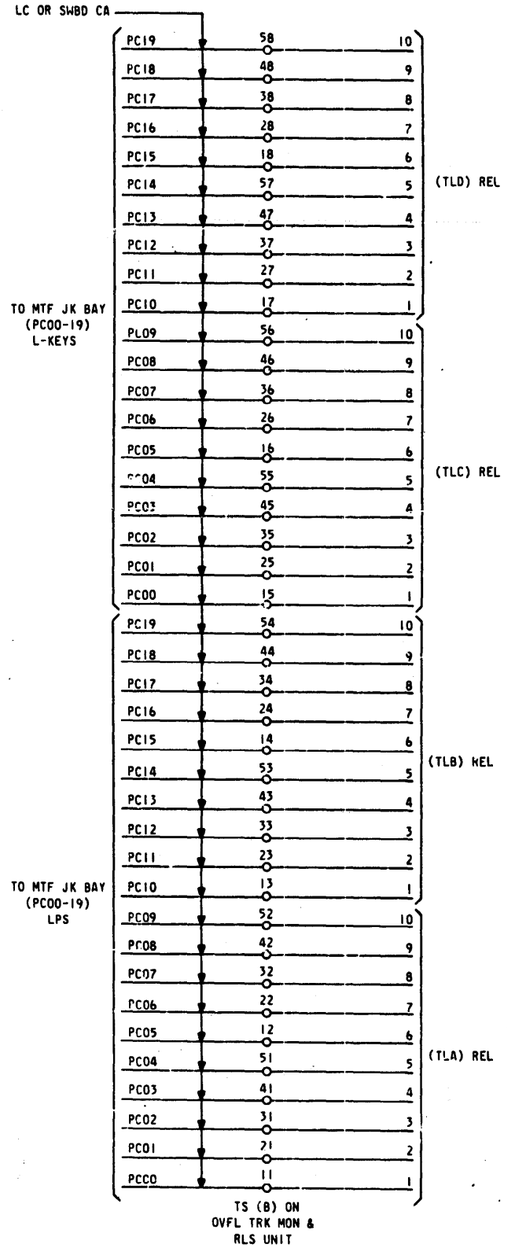
SHEET 65

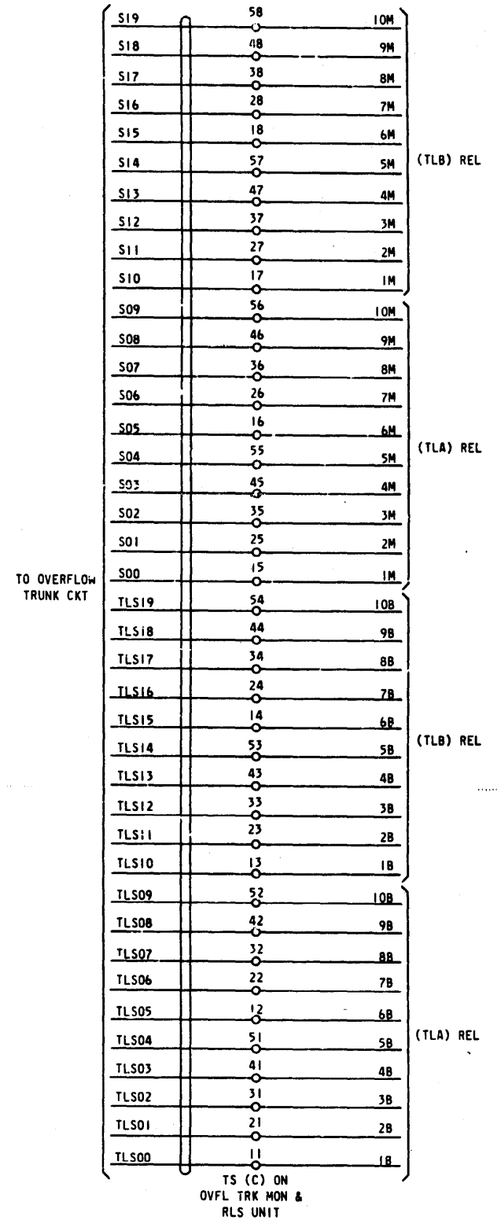
SD-25762-01-641

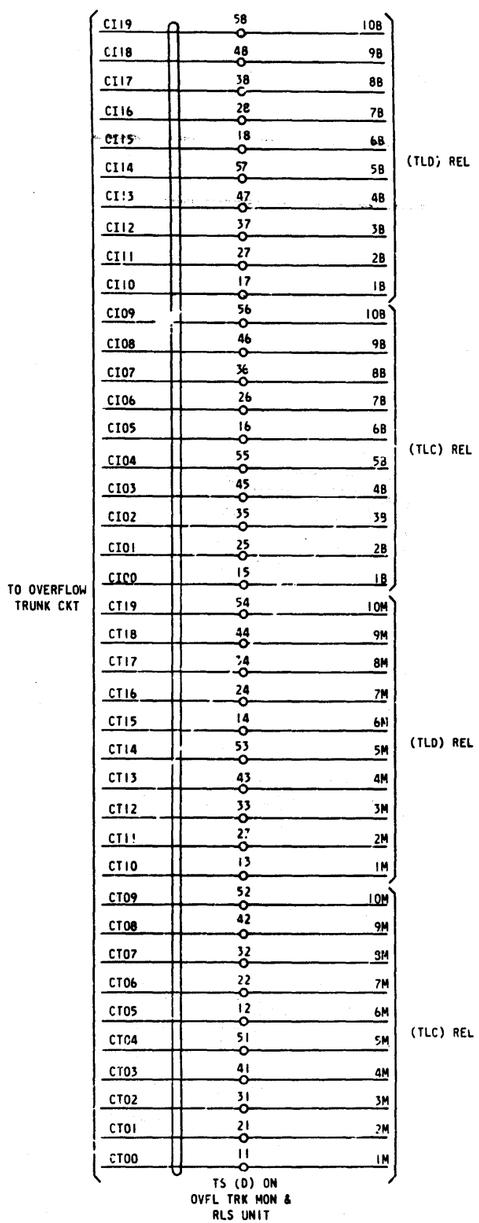
CAD 346

(FOR APP FIG: 425)









SD-25762-01-G42

ISSUE 85B

MASTER TEST FRAME
JACK,LAMP AND KEY

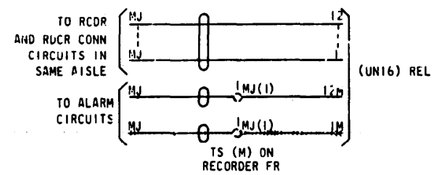
SD-25762-01-G42

BELL TELEPHONE LABORATORIES INCORPORATED

6S

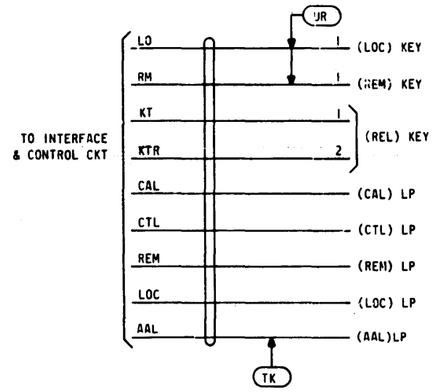
CAD 347

(FOR APP FIG. 427)



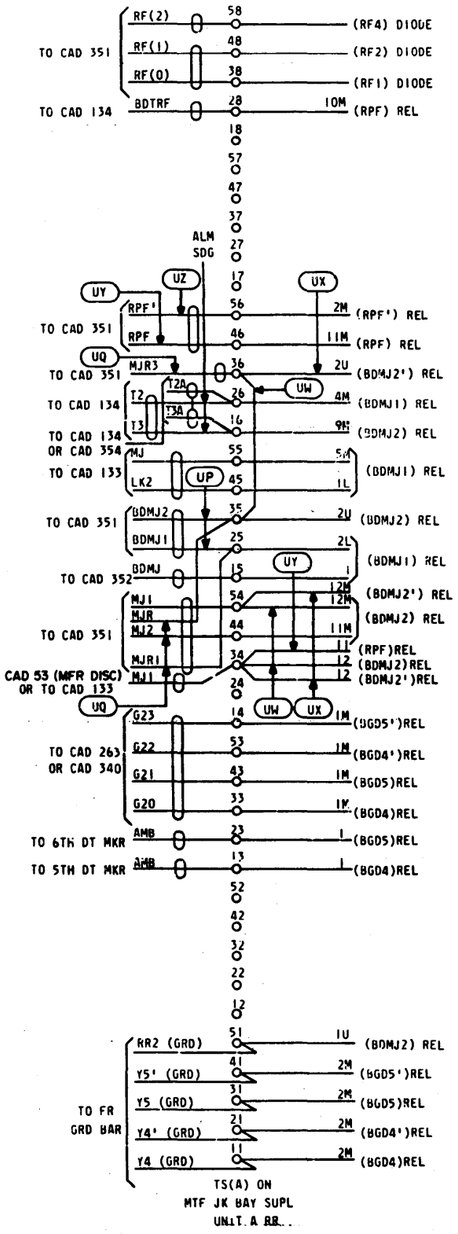
CAD 348

(FOR APP FIG. 428)



CAD 349

(FOR APP FIG. 158, 431)



ISSUE 96B

MASTER TEST FRAME
JACK, LAMP AND KEY

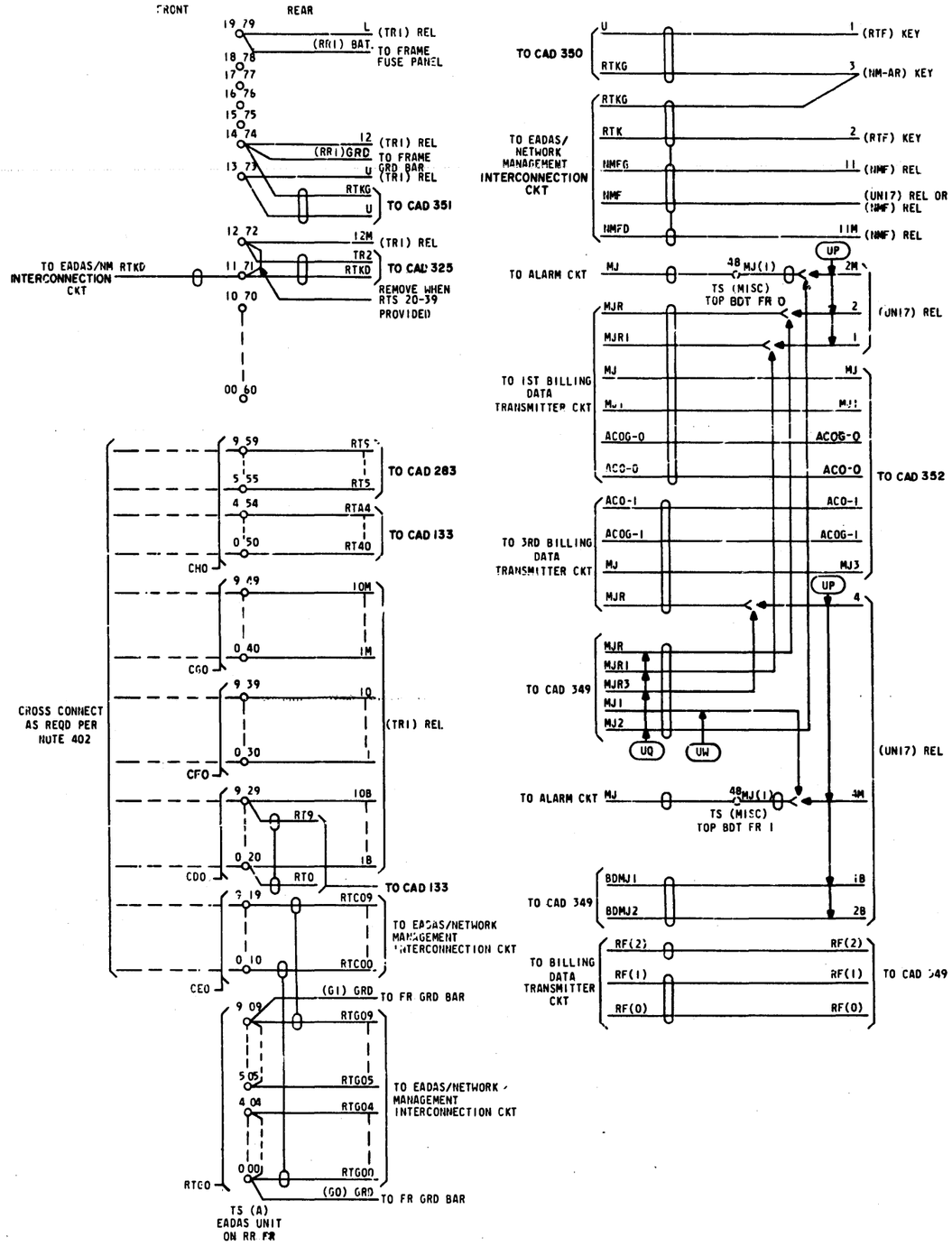
(2)

SD-25762-01-G43

BELL TELEPHONE LABORATORIES
INCORPORATED

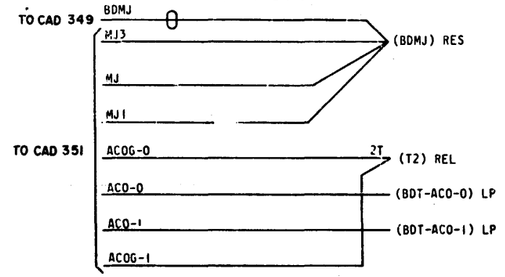
DRG SIZE 6S

CAD 350
(FOR APP FIG. 429)



CAD 351
(FOR APP FIG. 429, 430 & 432)
(MTD ON JK BAY)

CAD 352
(FOR APP FIG. 431)
(MTD ON JK BAY)

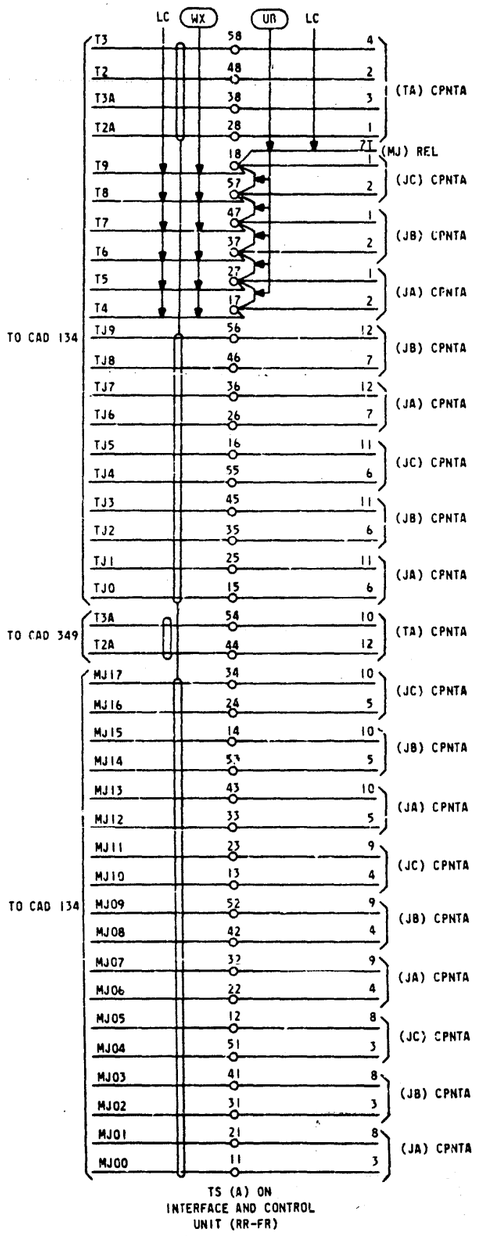


CAD 353
(FOR APP FIG. 434)

ISSUE 90B

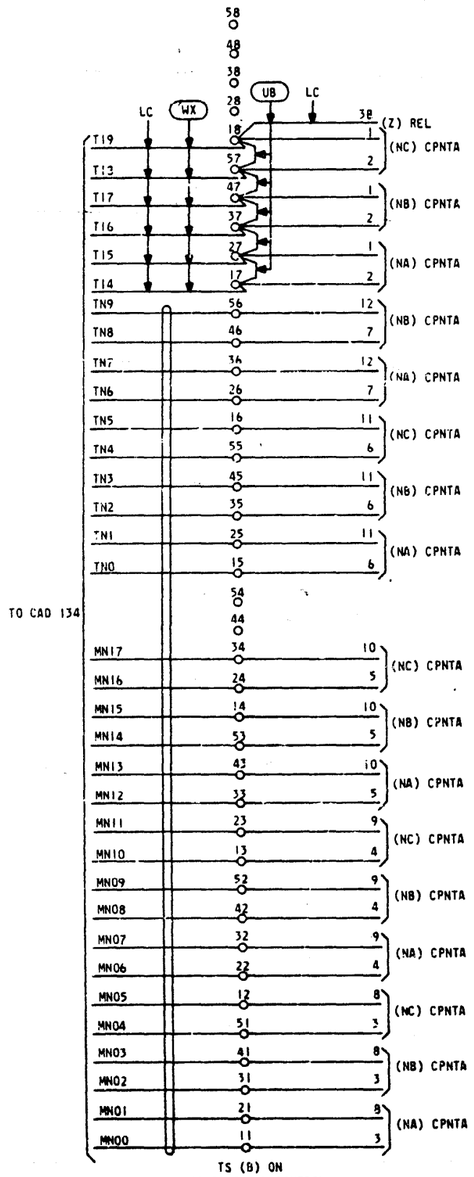
MASTER TEST FRAME JACK, LAMP AND KEY	SD-25762-01-G44
BELL TELEPHONE LABORATORIES INCORPORATED	SHEET CODE 6S

CAD 354
(FOR APP FIG. 49)



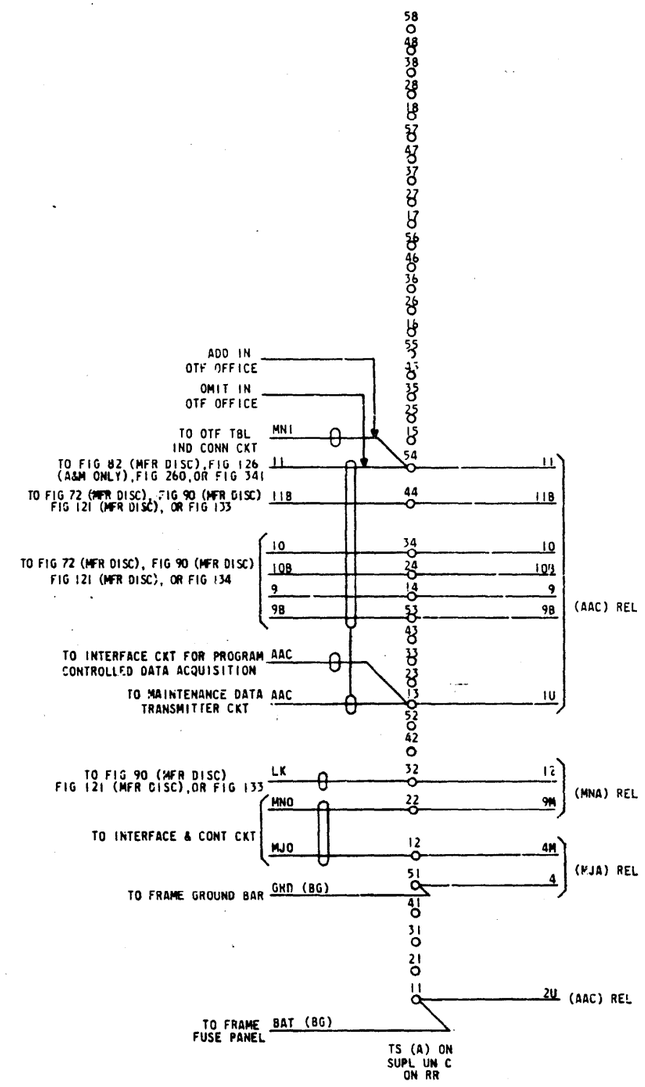
TS (A) ON
INTERFACE AND CONTROL
UNIT (RR-FR)

CAD 355
(FOR APP FIG. 49)



TS (B) ON
INTERFACE AND CONTROL
UNIT (RR-FR)

CAD 356
(FOR APP FIG 438,439)



MASTER TEST FRAME JACK, LAMP AND KEY		
	CAG SIZE: 6S	ISSUE 930
BELL LABORATORIES	SD-25762-01-	648

25762