

## CIRCUIT NOTES:

101.

| DESIG                                       | FUSE<br>AMP | POTENTIAL                                                   | ONE PER                 |
|---------------------------------------------|-------------|-------------------------------------------------------------|-------------------------|
| A                                           | 1-1/3       | -48V SIGNAL                                                 | MAX ONE PER FIGS. 1 & 2 |
| <u>BATTERY SYMBOL</u><br>-48                |             | <u>VOLTAGE RANGE</u><br>44-52.5V SIGNAL<br>EMER MIN: 42.75V |                         |
| 71F CURRENT DRAIN: APPROX 85 MA AT 48 VOLTS |             |                                                             |                         |

102. THE DISTRIBUTING NETWORK IN FIG. 3 IS USED FOR 600- OR 900-OHM APPLICATIONS OR AS A SPARE. A PARTICULAR APPLICATION DETERMINES CONNECTIONS ON THE NETWORK ACCORDING TO OPTIONS D AND LL. REFER TO TABLE B FOR NETWORK OPTIONS.
103. THE C STRAPS ON FIG. 3 ARE CONNECTED ACCORDING TO BSP 103-335-513 TO COMPENSATE FOR OFFICE WIRING AND EQUIPMENT LOSS.
104. EACH NETWORK ON A DISTRIBUTING NETWORK PANEL MAY BE STRAPPED FOR 600 OR 900 OHMS. EACH GROUP OF FIVE NETWORKS MAY BE CONNECTED TO SEPARATE GENERATOR OUTPUT LEVELS (PAIRS T3R3, T4R4, OR T5R5 OF FIG. 2).
105. DESIG (T) AND (R) OF FIG. 3 BECOME (T1) AND (R1) WHEN THE DISTRIBUTING NETWORK PER FIG. 3 IS USED WITH FIG. 5 TO OBTAIN +0.5 DBM AS REQUIRED BY SD-68446-01 AND SD-95698-01 (ISSUE 9 OR LATER); OR WHEN USED WITH FIG. 4 AS REQUIRED BY SD-27727-01 AND SD-32521-01.
106. FIGS. 4 AND 5 SHALL BE USED TO OBTAIN +0.5 DBM FROM FIG. 3 ONLY WHEN FIG. 3 IS CONNECTED TO PAIR (T5), (R5) OF FIG. 2, OR TO PAIR (T9), (R9) OF FIG. 9, SD-95277-01.
107. PROVIDE LL OPTION INITIALLY IN FIG. 3, RETAIN WHEN THE DISTRIBUTING NETWORK IS USED AS A SPARE CONNECTED TO THE GENERATOR AND NOT SERVING A CONNECTING CIRCUIT.
108. PAIRS ( ) AND ( ) WHEN CONNECTED TO A DISTRIBUTING NETWORK PER FIG. 3, PROVIDE THE FOLLOWING OUTPUT LEVELS FROM THE NETWORK:

|         |         |
|---------|---------|
| T3, R3, | +7 DBM  |
| T4, R4, | -16 DBM |
| T5, R5, | 0 DBM   |
| T7, R7  | -10 DBM |

PAIR TR OF FIG. 2 CONNECTED TO TERMINALS 26 & 31, 25 & 30, 24 & 29, 23 & 28, AND 22 & 27 OF CAD1 MAY BE USED TO FEED A COMBINED TOTAL OF FIFTY (50) DISTRIBUTING CIRCUITS OR NETWORKS OF SD-95000-01, OR SD-95000-02. THESE TERMINALS SHALL NOT BE USED TO FEED FIG. 3 OF THIS DRAWING.

109. WHEN A MAXIMUM OF TEN NETWORKS ARE CONNECTED TO PAIR T3R3, PAIRS TR AND T5R5 SHALL NOT FEED A COMBINED TOTAL OF MORE THAN TEN NETWORKS PER FIG. 3 OF THIS DRAWING OR DISTRIBUTING CIRCUITS PER SD-95000-01 AND -02. WHEN A MAXIMUM COMBINED TOTAL OF FIFTY NETWORKS AND DISTRIBUTING CIRCUITS ARE FED BY PAIRS T, R AND T5, R5 NO NETWORKS SHALL BE CONNECTED TO PAIR T3, R3. UP TO FIFTY NETWORKS PER FIG. 3 MAY BE CONNECTED TO PAIR T4, R4 WITHOUT REGARD TO THE NUMBER OF OTHER LEVELS BEING SUPPLIED. SEE NOTE 112.
110. THE NUMBER IN PARENTHESIS NEXT TO THE ARTIFICIAL LOAD RESISTORS IS THE NUMBER OF 0 DBM NETWORKS THAT RESISTOR REPRESENTS. THE CONNECTION OF THESE RESISTORS DEPENDS ON THE NUMBER OF +7 AND 0 DBM CIRCUITS CONNECTED TO THE GENERATOR. REFER TO TABLE C FOR APPROPRIATE ARTIFICIAL LOAD RESISTOR CONNECTIONS. REFER ALSO TO NOTE 112.
111. THE WIRE PAIR FOR LEADS E AND F TO FIG. 1 SHALL ORIGINATE AT TRANSFORMER (T1), FIG. 2.
112. PAIR T5, R5 MAY ALSO FEED DISTRIBUTING NETWORKS PER FS 1 OF SD-1C372-01. IN DETERMINING THE ARTIFICIAL LOAD TO BE CONNECTED TO FIG. 2, EACH NETWORK PER FS 1 OF SD-1C372-01 SHOULD BE CONSIDERED AS 1.5 NETWORKS PER FIG. 3 OF THIS DRAWING.
113. IN FIG. 3, U OPTION CONSISTS OF FIVE (5) 4181A NETWORKS WITH FIVE (5) RESISTORS (R25) ASSEMBLED ON PRINTED WIRING BOARD ED-1C551-(-). R OPTION CONSISTS OF FIVE (5) 211A IC'S WITH FIVE (5) RESISTORS (R25) ASSEMBLED ON ANOTHER VINTAGE OF PWB ED-1C551-(-).

## EQUIPMENT NOTES:

201. IT IS RECOMMENDED THAT THE GENERATOR AND NETWORK PANELS SHOULD BE MOUNTED AT A CONVENIENT WORKING LEVEL TO FACILITATE INITIAL AND PERIODIC TESTS PER BSP 103-335-300 AND 103-327-500.
202. WHEN THE 71F GENERATOR IS USED TO REPLACE THE 2A SENDING PANEL, IT SHALL BE MOUNTED IN THE SAME SPACE VACATED BY THE 2A PANEL ONLY WHEN THE DISTRIBUTING CIRCUITS HAVE BEEN PRECISELY ADJUSTED AND THE MOUNTING LOCATION IS AT A CONVENIENT WORKING HEIGHT PER NOTE 201. OTHERWISE, REPLACE THESE DISTRIBUTING CIRCUITS WITH 71D OR 71E NETWORK PANELS.
203. DISTRIBUTING NETWORKS PER FIG. 3 ARE MOUNTED AND MULTIPLIED IN GROUPS OF FIVE (5) ON 71D AND 71E NETWORK PANELS, WITH A MAXIMUM OF TWO (2) GROUPS PER PANEL. NETWORKS PER FIG. 3 OF THIS DRAWING ARE IDENTICAL TO THOSE OF FIG. 6 AND 7 OF SD-95277-01.
204. NO MORE THAN FIVE (5) DISTRIBUTING NETWORKS PER FIG. 3 SHALL BE FED BY A SINGLE WIRE PAIR BETWEEN THE GENERATOR AND NETWORK PANEL. IN ADDITION, THE LOOP RESISTANCE OF THIS WIRE PAIR SHALL NOT BE MORE THAN 0.5 OHM.
205. PRIOR TO ISSUE 6B, 263A RESISTORS WERE 221A RESISTORS. IN ALL CASES OF REPAIR OR REPLACEMENT WHEN 221A RESISTORS ARE REPLACED, THEY SHALL BE REPLACED WITH 263A RESISTORS.
206. PRIOR TO ISSUE 6B, THE KS-14554L7 CONNECTOR IN CAD 1 WAS SHOWN AS KS-14554L1.
207. EACH ( ) AND ( ) PAIR APPEARANCE ON THE DISTRIBUTION PANEL SHALL CONNECT AS REQUIRED TO ONLY ONE ( ) AND ( ) PAIR APPEARANCE ON A TONE GENERATOR PER CAD 1 OF SD-96618-01.

## 20-27256-DS

## INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS.
302. OFFICE DRAWING RECORD NEED NOT BE MAINTAINED FOR C.D. OR LL OPTIONS ON DISTRIBUTING NETWORKS (NOTE 103). NETWORK CONDITIONING INFO SHALL BE KEPT IN MILLIWATT RECORD BOOK ED-95166. ONE BOOK SHALL CONTAIN RECORDS FOR ONE GENERATOR ONLY.
303. ALL CONNECTING CIRCUITS ON WHICH DC MAY BE PRESENT SHALL BE EQUIPPED WITH BLOCKING CAPACITORS. AN EXCEPTION TO THIS IS THE GROUND CROSS DETECTING CIRCUIT SD-1A231-01.
304. ALL CONNECTING UNITS SHALL BE TERMINATED IN 600 OR 900 OHMS RESISTANCE AT ALL TIMES, SUCH AS A CIRCUIT UNDER TEST, EXCEPT WHEN PROVIDED WITH A SENDING PAD OF 15 DB OR MORE LOSS, OR WHEN CONNECTED TO -16 DBM, OR SD-1C372-01.
305. ALL CONNECTING CIRCUITS USED FOR TESTING WHERE AN OPEN CIRCUIT, A SHORT CIRCUIT OR A LOW IMPEDANCE TERMINATION MAY OCCUR ACROSS THE CONNECTING CIRCUIT SHALL BE PROVIDED WITH A SENDING PAD OF 15 DB OR MORE LOSS, EXCEPT WHEN CONNECTED TO -16 DBM, OR SD-1C372-01.
306. SENDING APPEARANCES FOR CONNECTING CIRCUITS SHALL NOT BE MULTIPLIED EXCEPT AT MANUAL SWITCHBOARDS HAVING ADEQUATE BUSY TEST FEATURES.
307. THE FOLLOWING AREAS SHOULD HAVE EXCLUSIVE USE OF A MILLIWATT DISTRIBUTING SYSTEM: TOLL TESTBOARD, SWITCHING, MANUAL SWITCHBOARD, VOICE FREQ PATCH BAY, CARRIER EQUIPMENT, PRIVATE LINE TESTBOARD, PROGRAM, TELEGRAPH TEST AND ANY EQUIPMENT AREA NOT LOCATED NEAR OR UNDER CONTROL OF THE AREAS LISTED ABOVE. THIS LATTER EQUIPMENT AREA MAY CONTAIN THE FOLLOWING GROUPS OF EQUIPMENT: ECHO SUPPRESSOR BAYS, REPEATER BAYS, SIGNALING BAYS, ANNOUNCEMENT SYSTEMS, SERVICE OBSERVING EQUIPMENT, ATTIC AND ASSOCIATED TEST FRAMES, AND MANUAL AND/OR AUTOMATIC TEST FRAMES.
308. THE ADMINISTRATION OF ALL OUTLETS FROM ONE MILLIWATT DISTRIBUTING SYSTEM SHOULD BE LIMITED TO A SINGLE PLANT ORGANIZATION WITHIN AN OPERATING COMPANY, ON THE SAME FLOOR AND IN THE SAME AREA OF THE BUILDING.
309. ALL CIRCUIT COMPONENTS ON THIS DRAWING HAVE BEEN CHOSEN FOR TEMPERATURE PERFORMANCE. COMPONENTS OF A DIFFERENT CODE OR UNCERTAIN TEMPERATURE CHARACTERISTICS SHOULD NOT BE SUBSTITUTED IN THE CIRCUIT COVERED BY THIS DRAWING WITHOUT CONSIDERATION OF THE EFFECTS ON OVERALL MILLIWATT DISTRIBUTING STABILITY.
310. ON DRAWINGS COVERING CIRCUITS CONNECTING TO AN OUTLET OF THE 71 TYPE GENERATOR, THE FREQUENCY, LEVEL AND IMPEDANCE REQUIRED BY THE CONNECTING CIRCUIT SHOULD BE DESIGNATED AS FOLLOWS:

TO MILLIWATT DIST. CKT.  
(FREQUENCY) (LEVEL) (IMPEDANCE)

| 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     |
| 3B                                              | Z OR Y                        | Z                    |          | Y              |     | Z      |
| 4B                                              | W OR X                        | X                    |          | W              |     | X      |
| 6B                                              | U OR V                        | V                    |          | U              |     | V      |
|                                                 | FIG. B                        | FIG. A               |          | FIG. B         |     | FIG. A |
|                                                 | RESISTORS                     |                      | 205      | 263A           |     | 221A   |
| 7B                                              | N OR M                        | N                    |          | M              |     | N      |
|                                                 | T OR S                        | T                    |          | S              |     | T      |
|                                                 | R OR U                        | U                    |          | R              |     | U      |

TABLE A

| A PARTIAL LIST OF CONNECTING CKTS TO MW DIST CKT<br>SEE NOTES 304, 305, 306, & 310 |                                        |
|------------------------------------------------------------------------------------|----------------------------------------|
| SD-59432-01                                                                        | TRANS MEAS CKT (VF CHAN PATCH BAYS)    |
| SD-59433-01                                                                        | NOISE MEAS CKT (VF CHAN PATCH BAYS)    |
| SD-59972-01                                                                        | MAINT CKT (TASI)                       |
| SD-68095-01                                                                        | TEST LINE CKT (4W INTERTOLL)           |
| SD-68445-01                                                                        | ANNOUNCEMENT SYSTEM NO. 5A             |
| SD-68446-01                                                                        | AUTOMATIC TRANS T&C CKT (SEE NOTE 105) |
| SD-68544-01                                                                        | JACK CKT T UNIT NO. 5                  |
| SD-95101-01                                                                        | SENDING JACK CKTS                      |
| SD-95147-01                                                                        | SENDING PAD CKTS                       |
| SD-95162-01                                                                        | REPEATER MEAS CKT (V1 & V2)            |
| SD-95162-02                                                                        | 1000 CPS OUTLETS, REC JACKS & CONTROLS |
| SD-95608-01                                                                        | ANNOUNCEMENT SYSTEM NO. 6A             |
| SD-95698-01                                                                        | TRANS & NOISE CHK CKT (SEE NOTE 105)   |
| SD-95900-01                                                                        | TRANS & NOISE MEAS CKT (TESTBOARDS)    |
| SD-96519-01                                                                        | TEST & MON CKT (FOR SIGNALING)         |
| SD-97118-01                                                                        | N2 CARRIER TELEPHONE APPLICATION SCHEM |
| SD-98100-01                                                                        | TRANS TEST LINE CKTS                   |
| SD-95779-01                                                                        | MF PULSING RECEIVER ADJUSTING CKT      |
| SD-1A231-01                                                                        | GROUND CROSS DETECTING CKT             |
| SD-1A225-01                                                                        | MILLIWATT & LOOP AROUND TEST CKT       |
| SD-1A129-01                                                                        | MISC CKT FOR ALL FRAMES                |
| SD-1A139-01                                                                        | RECORDED ANNOUNCEMENT CIRCUIT          |
| SD-27727-01                                                                        | ROTL CKT (NO. 5 CSBR) (SEE NOTE 105)   |
| SD-32521-01                                                                        | SXS ROTL CKT (SEE NOTE 105)            |
| SD-1C585-01                                                                        | 71J ACCESS PANEL CKT                   |
| SD-96618-01                                                                        | 71G PRECISION TONE GENERATOR CKT       |

TABLE B  
SEE NOTE 102

| IF ORDER SPECIFIES<br>NETWORK APPLICATION FOR: | FURNISH OPTION  |
|------------------------------------------------|-----------------|
| 600 OHMS                                       | D AND REMOVE LL |
| 900 OHMS                                       | REMOVE LL       |
| SFARE                                          | LL              |

TABLE C  
SEE NOTES 110 AND 112

| NO. OF NETWORKS PER FIG. 3 CONNECTED TO PAIR T3, R3 OF FIG. 2 | NO. OF NETWORKS PER FIG. 3 AND DISTRIBUTING CIRCUITS PER SD-95000-01, -02 AND EQUIVALENT NETWORKS PER FS1 OF SD-1C372-01 CONNECTED TO PAIRS T, R, & T5, R5 OF FIG. 2 (COMBINED TOTAL) | ARTIFICIAL LOAD RESISTORS (R) WHICH SHOULD BE CONNECTED PER |            |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------|
|                                                               |                                                                                                                                                                                       | FIG. A                                                      | FIG. B     |
| NONE                                                          | 0 TO 2.5                                                                                                                                                                              | 11, 12, 13, 14, 15, 16, 17, 18                              | 11, 12, 13 |
|                                                               | 3 TO 7.5                                                                                                                                                                              | 14, 15, 16, 17, 18                                          | 11, 12, 14 |
|                                                               | 8 TO 12.5                                                                                                                                                                             | 15, 16, 17, 18                                              | 11, 12     |
|                                                               | 13 TO 17.5                                                                                                                                                                            | 16, 17, 18                                                  | 11, 13, 14 |
|                                                               | 18 TO 22.5                                                                                                                                                                            | 17, 18                                                      | 11, 13     |
| 5                                                             | 23 TO 27.5                                                                                                                                                                            | 14, 17, 18, 1                                               | 11, 14     |
|                                                               | 28 TO 32.5                                                                                                                                                                            | 17, 18                                                      | 11         |
|                                                               | 33 TO 37.5                                                                                                                                                                            | 14, 18                                                      | 12, 14     |
|                                                               | 38 TO 42.5                                                                                                                                                                            | 18                                                          | 12         |
|                                                               | 43 TO 47.5                                                                                                                                                                            | 14, 15                                                      | 13, 14     |
| 10                                                            | 48 TO 52.5                                                                                                                                                                            | 15                                                          | 13         |
|                                                               | 53 TO 57.5                                                                                                                                                                            | 14                                                          | 14         |
|                                                               | 58 TO 60                                                                                                                                                                              | NONE                                                        | NONE       |
|                                                               | 0 TO 2                                                                                                                                                                                | 14, 17, 18                                                  | 11, 14     |
|                                                               | 3 TO 7                                                                                                                                                                                | 17, 18                                                      | 11         |
| 10                                                            | 8 TO 12                                                                                                                                                                               | 14, 18                                                      | 12, 14     |
|                                                               | 13 TO 17                                                                                                                                                                              | 18                                                          | 12         |
|                                                               | 18 TO 22                                                                                                                                                                              | 14, 15                                                      | 13, 14     |
|                                                               | 23 TO 27                                                                                                                                                                              | 15                                                          | 13         |
|                                                               | 28 TO 32                                                                                                                                                                              | 14                                                          | 14         |
|                                                               | 33 TO 35                                                                                                                                                                              | NONE                                                        | NONE       |
| 10                                                            | 0 TO 2                                                                                                                                                                                | 15                                                          | 13         |
|                                                               | 3 TO 7                                                                                                                                                                                | 14                                                          | 14         |
|                                                               | 8 TO 10                                                                                                                                                                               | NONE                                                        | NONE       |
|                                                               | 0 TO 2                                                                                                                                                                                | 15                                                          | 13         |
|                                                               | 3 TO 7                                                                                                                                                                                | 14                                                          | 14         |

## NOTICE

NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

EQUIPMENT INFORMATION  
J94071D  
J94071E  
J94071F  
ED-1C551-(-)  
ED-99702-(-)

## ISSUE

7B

REPLACES SD-95277-01 FOR 71C MW REF GEN AND 71D & 71E NETWORK PANELS

SD-95277-02

IN 20

COMMON SYSTEMS  
TRANSMISSION MEASURING  
MILLIWATT DISTRIBUTING CKT  
USING 71F MILLIWATT REFERENCE GENERATOR

AT&TCO  
STANDARD

SD-95277-02-1

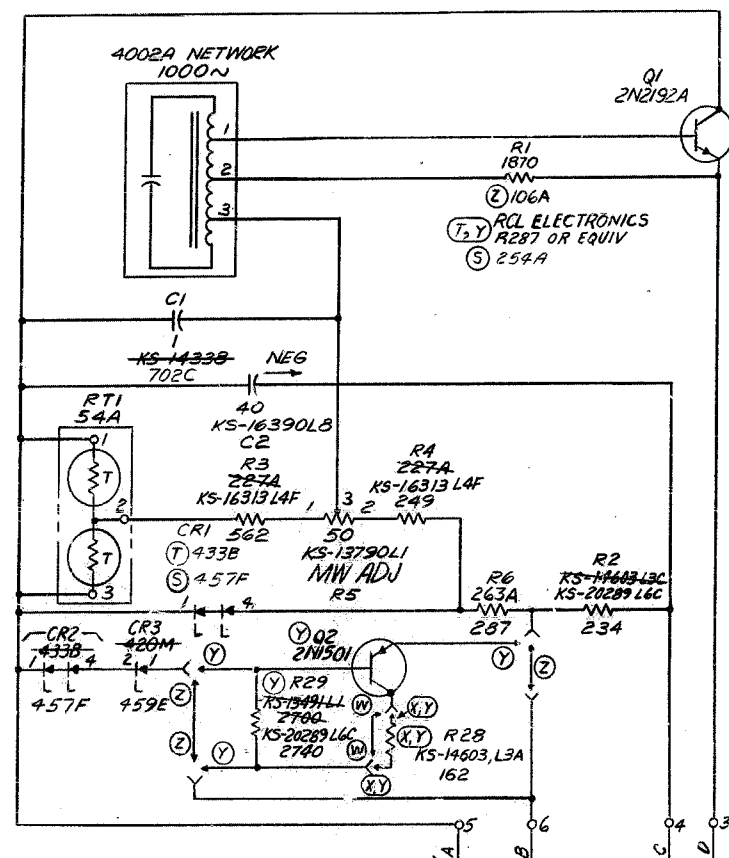
6 SHEETS

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FIG. 1  
GENERATOR CIRCUIT  
J94071F



TO FIG. 2

FIG. 2  
BATTERY SUPPLY & LOAD CIRCUIT

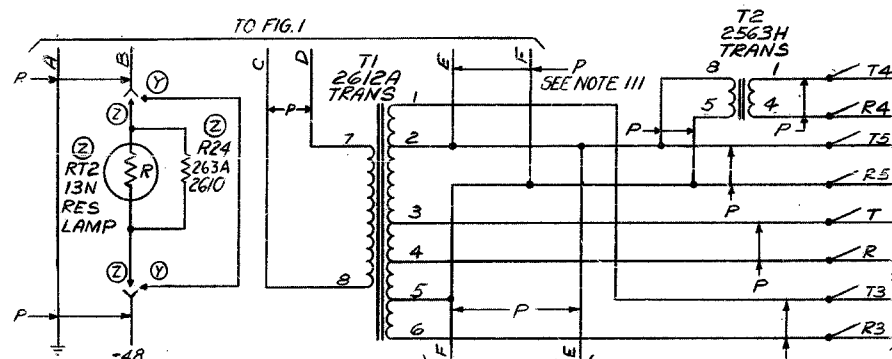


FIG. B  
ARTIFICIAL  
LOAD  
STRAPPING  
SEE NOTES 110  
& 112 AND TABLE C

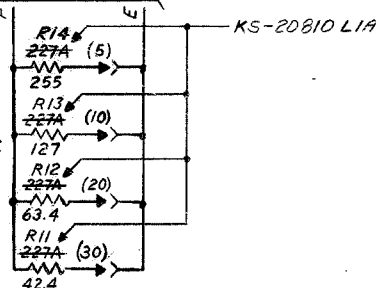
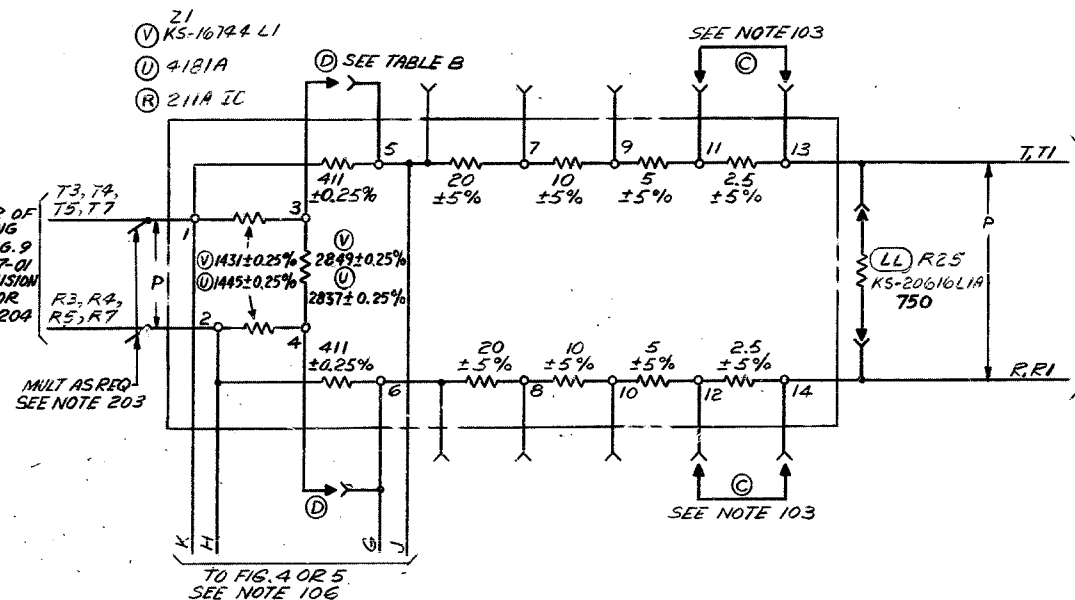
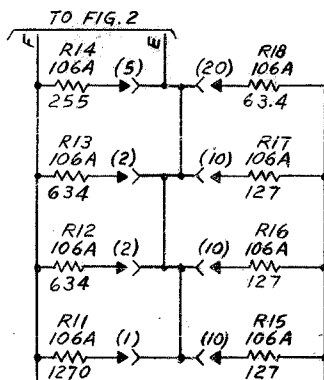


FIG. 3  
600-OR-900-OHM DISTRIBUTING  
NETWORK  
SEE NOTES 102, 104, 113, & 203



TO 600-OR-900  
OHM OUTLET AND  
CONNECTING CKT  
69, TABLE A  
SEE NOTES  
105 & 310

FIG. A (MFR DISC.)  
ARTIFICIAL LOAD STRAPPING  
SEE NOTES 110 & 112 AND TABLE C



| HIGHEST RES &<br>CAP USED ON<br>THIS DWG |    |
|------------------------------------------|----|
| R29                                      | C2 |
| NOT USED                                 |    |

FIG. 4  
TO OBTAIN 0.5 dBm INTO 900  
OHMS FROM TERMINALS 13  
AND 14 OF FIG. 3 SEE NOTE  
106.

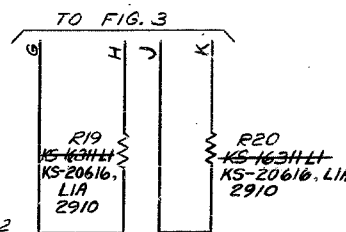
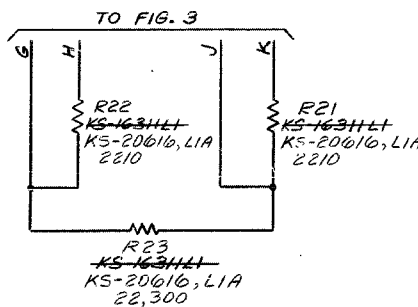


FIG. 5  
TO OBTAIN +0.5 dBm INTO 600  
OHMS FROM TERMINALS 13  
AND 14 OF FIG. 3 WHEN USING  
OPTION D, SEE NOTE 106.



MILLIWATT DISTRIBUTING CKT.  
USING 71F MILLIWATT REFERENCE GENERATOR  
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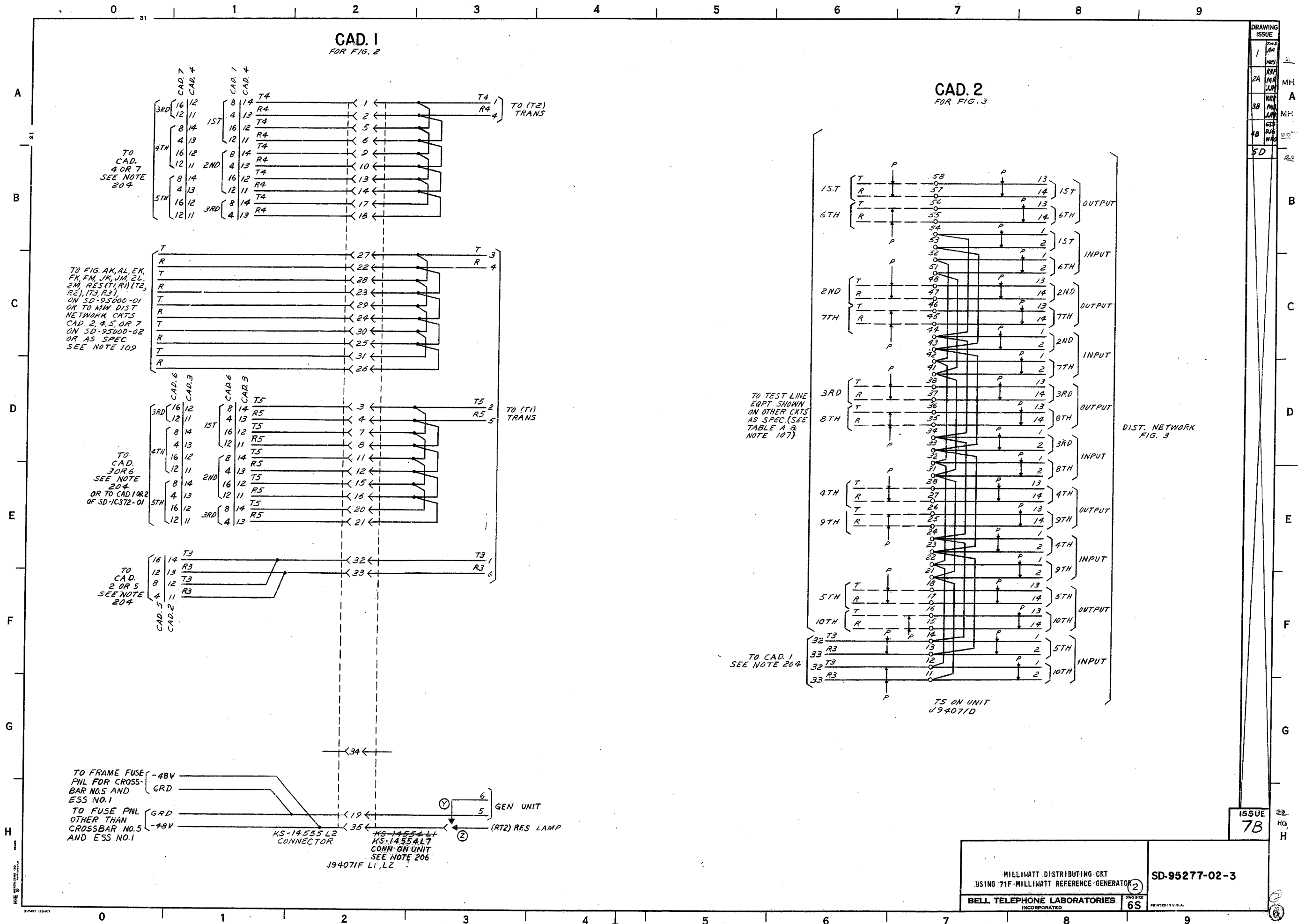
SD-95277-02-2

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ISSUE  
7B

SD-95277-02-2



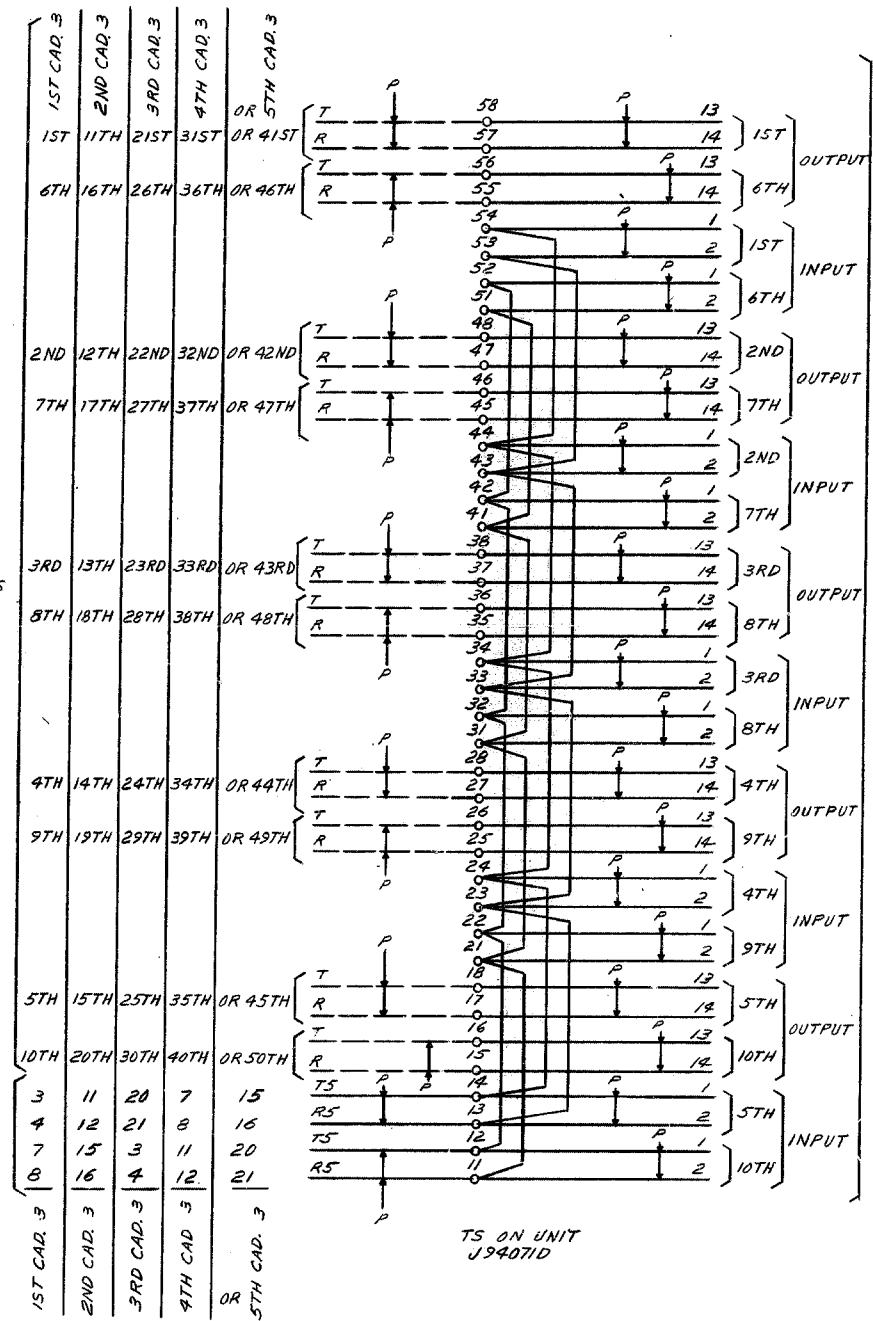
0 1 2 3 4 5 6 7 8 9

A  
B  
C  
D  
E  
F  
G  
H

CAD. 3  
FOR FIG. 3

TO TEST LINE  
EQPT SHOWN  
ON OTHER CKTS  
AS SPECIFIED  
(SEE TABLE A  
& NOTES 105  
& 107)

TO CAD. 1  
SEE NOTE 204



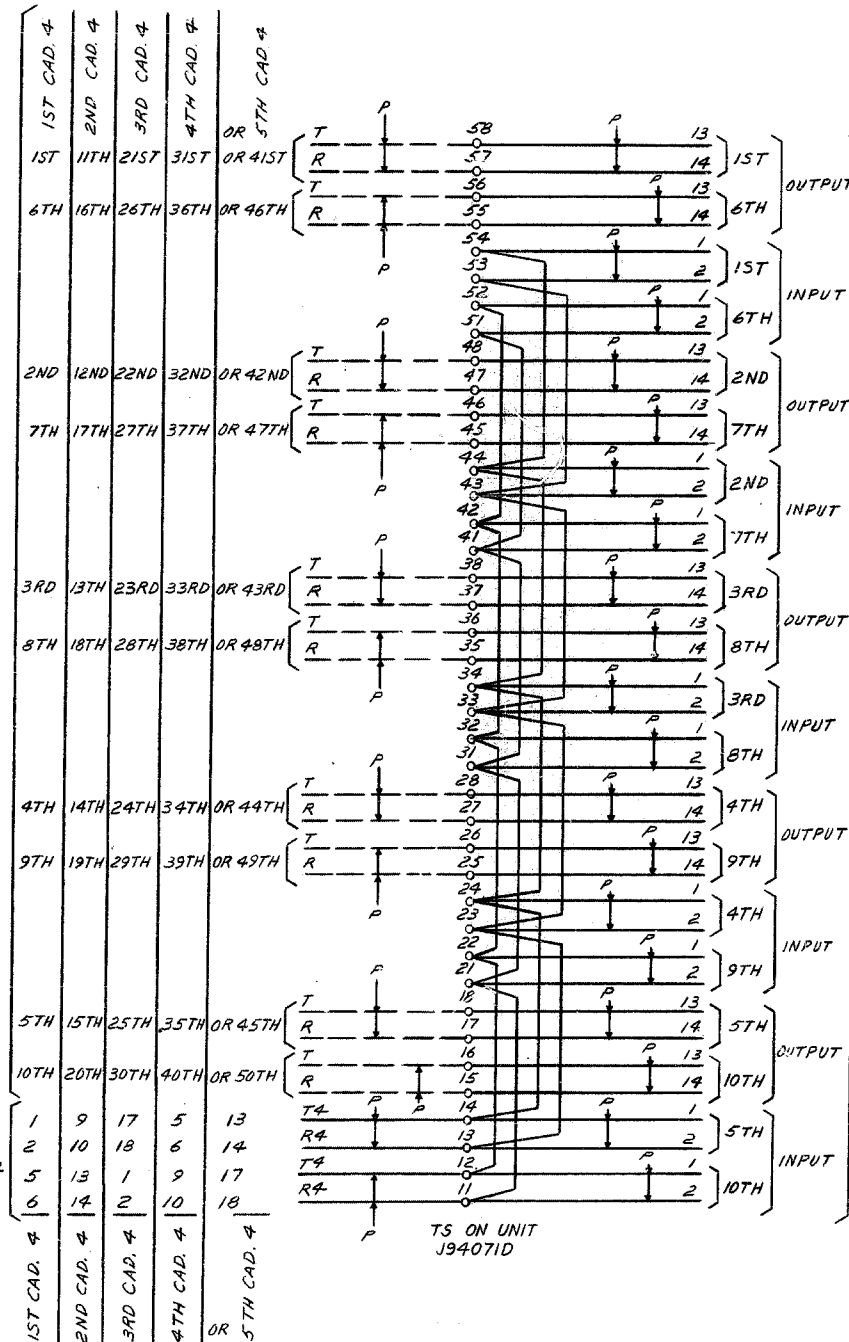
TS ON UNIT  
J94071D

DIST NETWORK  
FIG. 3

CAD. 4  
FOR FIG. 3

TO TEST LINE  
EQPT SHOWN  
ON OTHER CKTS  
AS SPECIFIED  
(SEE TABLE A  
& NOTE 107)

TO CAD. 1  
SEE NOTE 204



TS ON UNIT  
J94071D

DIST NETWORK  
FIG. 3

| DRAWING | 1   |
|---------|-----|
| ISSUE   | 1   |
| 2A      | RRR |
| 3B      | RRR |
| 4B      | RRR |
| 5D      | RRR |

MH  
A  
MH  
B  
C  
D  
E  
F  
G  
H

155 UE  
7B

MILLIWATT DISTRIBUTING CKT  
USING 71F MILLIWATT REFERENCE GENERATOR

SD-95277-02-4

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0 1 2 3 4 5 6 7 8 9

CAD. 7  
FOR FIG. 3

CAD. 8  
FOR FIG. 3

CAD. 9  
FOR FIG. 3

TO TEST LINE  
EQPT SHOWN ON  
OTHER CKTS AS  
SPECIFIED (SEE  
TABLE A & NOTE  
107)

TO CAD. 1  
SEE NOTE 204

STRAPS MAY BE  
ON EITHER SIDE  
OF TERM. STRIP

TS ON UNIT  
J94071E

DIST  
NETWORK  
FIG. 3

TO  
TEST ACCESS  
TRUNK CKT  
OF TEST  
POSITION 51A  
(SD-IP020-01)  
OR TO  
REMOTE ACCESS  
TEST PORT  
OF REMOTE TEST  
SYSTEM 1A  
(SD-IP001-01)

TO 71G  
PRECISION  
TONE GEN  
SEE NOTES  
204 & 207

1ST CKT ON J94071D  
2ND CKT ON J94071D

TO  
TEST ACCESS  
TRUNK CKT  
OF TEST  
POSITION 51A  
(SD-IP020-01)  
OR TO  
REMOTE ACCESS  
TEST PORT  
OF REMOTE TEST  
SYSTEM 1A  
(SD-IP001-01)

DIST  
NETWORK  
FIG. 3

STRAPS MAY BE  
ON EITHER SIDE  
OF TERM. STRIP

TO 71G  
PRECISION  
TONE GEN  
SEE NOTES  
204 & 207

TS ON UNIT  
J94071E

DIST  
NETWORK  
FIG. 3

| DRAWING |    |
|---------|----|
| ISSUE   |    |
| 1       | MA |
| 2A      | MA |
| 3B      | MA |
| 4B      | MA |
| 5D      | MA |

ISSUE  
7B

MILLIWATT DISTRIBUTING CKT.  
USING 71F MILLIWATT REFERENCE GENERATOR  
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