

SHEET INDEX

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CIRCUIT NOTES

101.

| DESIG          | FUSE AMP | POTENTIAL     | ONE PER |
|----------------|----------|---------------|---------|
| TTA            | 1-1/3    | -48           | CKT     |
| TTB            | 1-1/3    | -48           | CKT     |
| A              |          | GRD           | CKT     |
| B              |          | GRD           | CKT     |
| BATTERY SYMBOL |          | VOLTAGE RANGE |         |
| -48            |          | 45-52.6       |         |

102.

| FEATURE OR OPTION  | PROVIDE |            |           |
|--|---------|------------|-----------|
|  | FIG.    | APP OR WRG | QUANTITY  |
| -48V RECTIFIER   | 1       |            | 1 PER CKT |
| AC. DC AND RINGING SUPPLY WITH TOUCH-TONE DIAL TONE PROVIDED | 2       | W          | 1 PER CKT |
| RING G 107D FREQUENCY GENERATOR                              | 2B      |            | 1 PER CKT |
| LOAD CAPACITOR BANK  | 5       |            | 1 PER CKT |
| -96V APPLIQUE  | 6       |            | 1 PER CKT |

103.

| CHANGED ON ISS | IF JOB RECORDS DO NOT SPECIFY | THIS OPTION WAS FURN | SEE NOTE | USE IN CIRCUIT |     |                 |
|----------------|-------------------------------|----------------------|----------|----------------|-----|-----------------|
|                |                               |                      |          | STD            | A&M | MD              |
| 3D             | FIG. 2A OR FIG. 2B            | FIG. 2A              |          | FIG. 2B        |     | FIG. 2A         |
| 4D             | FIG. 4                        | FIG. 3               |          | FIG. 4         |     | FIG. 3          |
| 5B             | Z OR Y                        | Z                    |          | Y              |     | Z               |
| 6D             | W OR X                        | X                    | 203      | W              |     | X               |
| 7B             | FIG. 5                        | FIG. 3 & FIG. 4      |          | FIG. 5         |     | FIG. 3 & FIG. 4 |
| 8D             | T OR V                        | V                    |          | T              |     | V               |
| 9B             | S                             | NONE                 | 302      | S              |     |                 |
| 10D            | Q OR R                        | R                    |          | Q              |     | R               |

104. CONNECT TO TERMINAL 5, 6, OR 7 DEPENDING ON WHETHER THE AC SERVICE VOLTAGE IS 123, 117, OR 111 VOLTS RESPECTIVELY.

105. (MFR DISC)

| FEATURE OR OPTION                                | PROVIDE |            |           |
|--|---------|------------|-----------|
|  | FIG.    | APP OR WRG | QUANTITY  |
| AC. DC AND RINGING SUPPLY WITH LT2 FOR DIAL TONE | 2       | X          | 1 PER CKT |

EQUIPMENT NOTES:

- 201. WIRING NOT OTHERWISE SPECIFIED SHALL BE 22GA KS-13385, SOLID
- 202. FN TYPE FUSES SHALL BE OF THE MULTIPLE ELEMENT (TIME-DELAY) TYPE.
- 203. THE 404C TONE GENERATOR IS MOUNTED ON SLIDE 1.

INFORMATION NOTES:

- 301. UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS CAPACITANCE VALUES ARE IN MICROFARADS VALUES PRECEDED BY THE SYMBOL +(PLUS) OR -(MINUS) ARE IN VOLTS
- 302. THIS ORTION IS SPECIFIED ONLY WHEN THIS POWER SUPPLY IS USED WITH THE 756A PBX BATTERYLESS SYSTEM, J86464L.

SUPPORTING INFORMATION

| CATEGORY               | NUMBER             |
|------------------------|--------------------|
| EQUIPMENT DRAWINGS     | J86812A<br>J86812B |
| EQUIPMENT DESIGN REQ'T | J86812             |
| MAINTENANCE SPEC       | 167-494-301        |

| ISSUE | DATE         | BY       | FOR                  |
|-------|--------------|----------|----------------------|
| 6D    | 4-D          | 3-29-65  | JTS/HMK<br>DET/FC    |
| 7B    | 5B           | 9-28-65  | JTS/HMK<br>DET/FC    |
| 8D    | 5B<br>APP 1D | 11-3-66  | RDM/SR<br>DET/FC     |
| 9B    | 5B<br>APP 2B | 1-31-67  | RDM/SR<br>EJB/DET/FC |
| 10D   | 5B<br>APP 3D | 11-25-68 | GV/HMK<br>FJB/DET/FC |

TABLE A INTERRUPTER, KS-15984, L1

| PULSE DESCRIPTION | PULSE TOLERANCES |              | CONTACT GROUP |   |   |   |   |   |   |   |   |   |  |
|-------------------|------------------|--------------|---------------|---|---|---|---|---|---|---|---|---|--|
|                   | CLOSED           | OPEN         |               | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  |
| 15 IPM RING CR    | .95-1.05         |              | 1a            |   |   |   |   |   |   |   |   |   |  |
| R                 |                  |              | 1b            |   |   |   |   |   |   |   |   |   |  |
| 15 IPM            | .20-.30          |              | 1c            |   |   |   |   |   |   |   |   |   |  |
| 30 IPM            |                  | .200 TO .350 | 2a            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 2b            |   |   |   |   |   |   |   |   |   |  |
| 60 IPM - LF       | .450 TO .550     |              | 3a            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 3b            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 3c            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 3d            |   |   |   |   |   |   |   |   |   |  |
| 120 IPM           | .200 TO .300     |              | 4a            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 4b            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 4c            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 4d            |   |   |   |   |   |   |   |   |   |  |
| 7.5 IPM - TM      | .225±.100        |              | 5a            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 5b            |   |   |   |   |   |   |   |   |   |  |
| 7.5 IPM - PU      | .325±.100        |              | 6a            |   |   |   |   |   |   |   |   |   |  |
|                   |                  |              | 6b            |   |   |   |   |   |   |   |   |   |  |
| 120 IPM - LW      |                  | .02 TO .05   | 7a            |   |   |   |   |   |   |   |   |   |  |

— DENOTES CLOSURE OF CONTACTS

OPTION INDEX

| APP OR WRG | LOCATION |
|------------|----------|
| Z          | SH 2     |
| Y          | SH 2     |
| X          | SH 2     |
| W          | SH 2     |
| V          | SH 2     |
| T          | SH 2     |
| S          | SH 2     |
| R          | SH 2     |
| Q          | SH 2     |

REPLACES SD-81325-01, PARTIALLY REPLACES SD-81288-01

|  |      |                           |
|--|------|---------------------------|
| SD-81577-01  | 1M99 | AT&TC STANDARD            |
| POWER SYSTEMS<br>POWER SUPPLY CIRCUIT<br>AC. DC & RINGING SUPPLY |      |                           |
| J86812A & B  |      |                           |
| BELL TELEPHONE LABORATORIES INCORPORATED                         |      | SD-81577-01-1<br>2 SHEETS |

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FIG. 2

