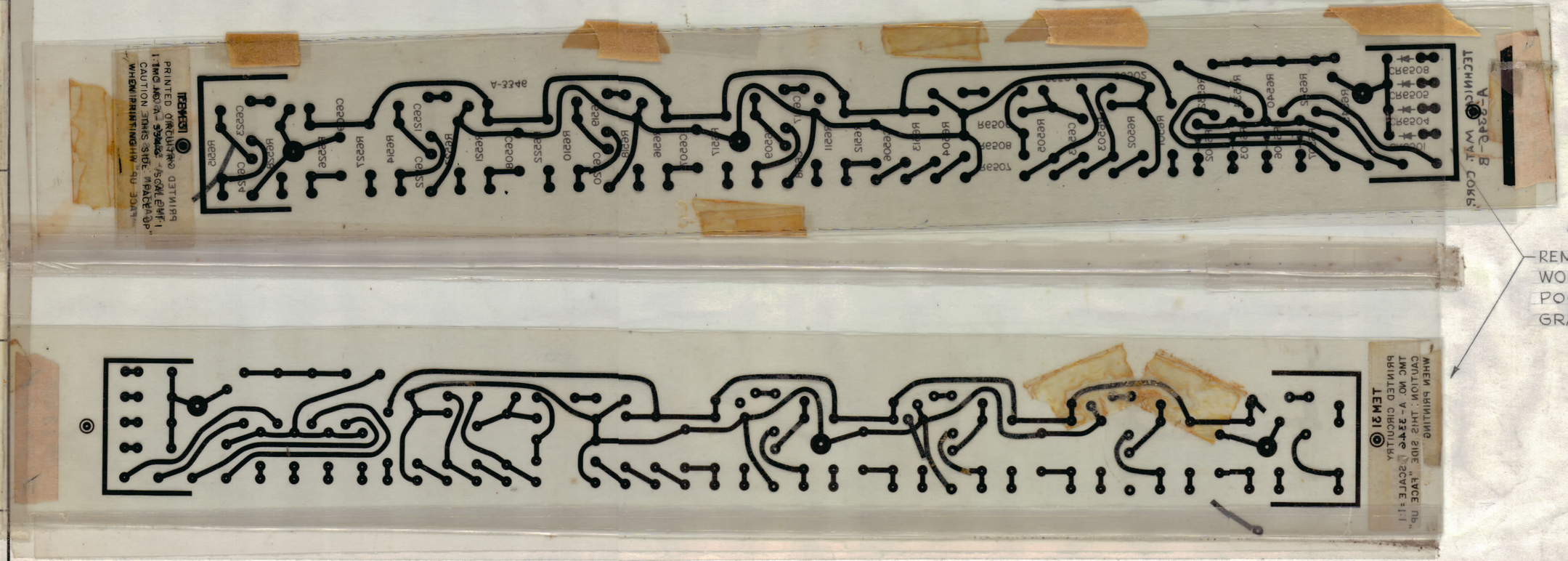
ETCHING (A 3346-1)

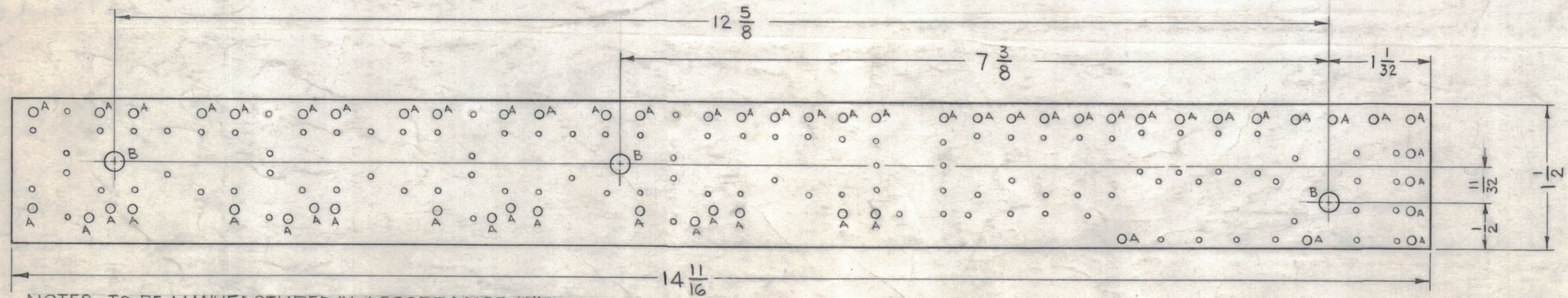
| NEG | POS | ZONE | SYM | DESCRIPTION | DATE | E.M.N. NO. | DRAFT | CHKD | APPD |
|---|---|---|---|---|---|---|---|---|---|
| | | — | X1 | REDRAWN | 3/7/64 | X1 | T.R. | | |
| | | — | X2 | SEE SHEET 2 OF 2 | 4-20-64 | X2 | A.M. | @ | |
| | | — | 0 | ORIGINAL RELEASE FOR PRODUCTION | 4/24/64 | 0 | A.M. | | |
| | | — | A | SEE SHEET 2 OF 2 | 6/24/64 | 11616 | A.M. | | |
| PURCH | QA | — | B | CLERICAL CHANGE | 11-4-64 | — | 9% | @ | |
| | | | C | SEE SHEET 2 OF 2 | 8-17-65 | 14584 | E | | |
| | | — | D | NOTE No. 1 THICKNESS WAS 3/32 (SEE SH 2) | 10-27-65 | 14939 | A.Y.N. | | |
| | | | E | SEE SHEET 2 | 3-9-66 | 15860 | WHW | | |
| | | CG | F | 2 "A" HOLES CHANGED TO 2 UNMARKED HOLES (SEE SH 2) | 4-3-67 | 18068 | L.A.K | | |




A 3346-1

REMOVE ORIGINAL ARTWORK FROM PROTECTIVE POCKETS WHEN PHOTOGRAPHING.

A 3346 F




MACHINING (A 3346-2)

NOTES: TO BE MANUFACTURED IN ACCORDANCE WITH TMC SPEC. S735 UNLESS OTHERWISE SPECIFIED.

1. MATERIAL: G-10 EPOXY GLASS LAMINATE, 1/16 THK. 2-OUNCE COPPER CLAD BOTH SIDES.
2. ALL PADS ON PRINTED CIRCUIT SIDE MUST ALSO APPEAR ON COMPONENT SIDE IN EXACT SIZE & REGISTER.
3. ALL HOLES, EXCEPT "B" HOLES, ARE TO BE PLATED-THRU WITH MIN. COPPER PLATING THICKNESS OF .0015 PLATE .0003 TO .0005 NICKEL & 25 MILLIONTHS MIN. OF GOLD ALL ETCHED SURFACES & PLATED THRU HOLES.
4. CONDUCTOR WIDTH .062 MAX., .046 MIN. SPACING BETWEEN CONDUCTORS .031 MIN.

| HOLE & PAD SPECIFICATIONS | | | |
|---|---|---|---|
| HOLE | DIA. | PAD DIA. | REQ'D |
| UNMARKED | .052 | .130 | 106 |
| A | .081 | .130 | 57 |
| B | .189 | .250 | 3 |

THE ORIGINAL ARTWORK TO BE SUPPLIED BY TMC FOR PHOTOGRAPHING (SCALE 1:1)

| REQ'D. | ITEM | PART NUMBER | DESCRIPTION | SYMBOL |
|---|---|---|---|---|
| AALTONEN | | | LIST OF MATERIAL | |

| | | |
|---|---|---|
| 1 | MSA-1 | A-3399 |
| Q'T'Y./UNIT | MODEL USED ON | ASS'Y. NO. |

MATERIAL —"—

FINISH —"—

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: PRINTED CIRCUIT BOARD ASSY (MIXER & 1ST IF)

SCALE 1:1 | CODE A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES: DECIMALS .X ± .05, .XX ± .01, .XXX ± .005; FRACTIONS ± 1/64; ANGLES ± 0° 30'

| | | |
|---|---|---|
| DRAWN | T. RAMIREZ | DATE 3/7/64 |
| CHECKED | | DATE 4-13-64 |
| ELECT. DES. | | DATE 4/24/64 |
| MECH. DES. | | DATE 4/24/64 |

FINAL APPROVAL | DATE

A 3346 | F

SHEET 1 OF 2 | REV. LTR.

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NOTES

TMC FORM 110

REPROVEL NO. 440H