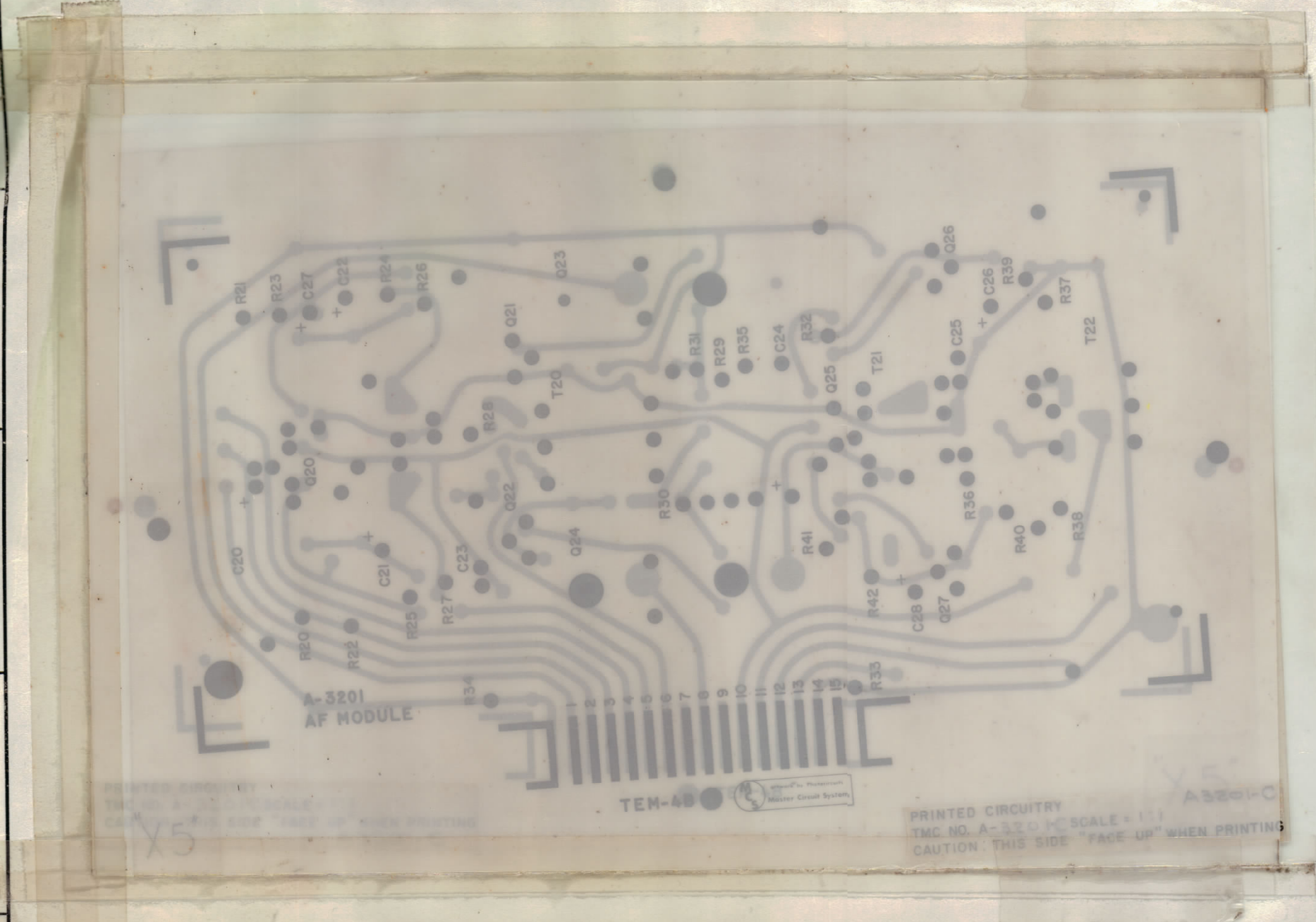


ETCHING, PRINTED CIRCUIT
(A-3201-1)

| REVISIONS | | | | | | |
|-----------|-----|---------------------------------|---------|------------|-------|------|
| ZONE | SYM | DESCRIPTION | DATE | E.M.N. NO. | DRAFT | CHKD |
| # | X2 | SEE SHEET 2 OF 2, REVISION "X2" | 12-2-63 | 2 | SP | AK |
| F2 | X3 | HOLE # PAD SPECS UPDATED | 2-5-64 | 3 | SP | AK |
| # | X4 | SEE SHEET 2 OF 2, REVISION "X4" | 3/3/64 | 4 | SP | AK |
| # | X5 | SEE SHEET 2 OF 2, REVISION "X5" | 3/4/64 | 5 | SP | AK |
| # | X6 | SEE NOTE 4 ADDED TO A3201-2 | 5/14/64 | 6 | A.M. | AK |
| O | | ORIGINAL RELEASE FOR PRODUCTION | 8/1/64 | 0 | A.M. | AK |
| - | A | SEE SHEET 2 OF 2 REV "A" | 8-26-64 | 12096 | AK | AK |
| - | B | SEE SHEET 2 OF 2 REV "B" | 1-5-65 | 13108 | AK | AK |
| - | C | SEE SHEET 2 OF 2 REV "C" | 2-3-65 | 13302 | NLA | AK |

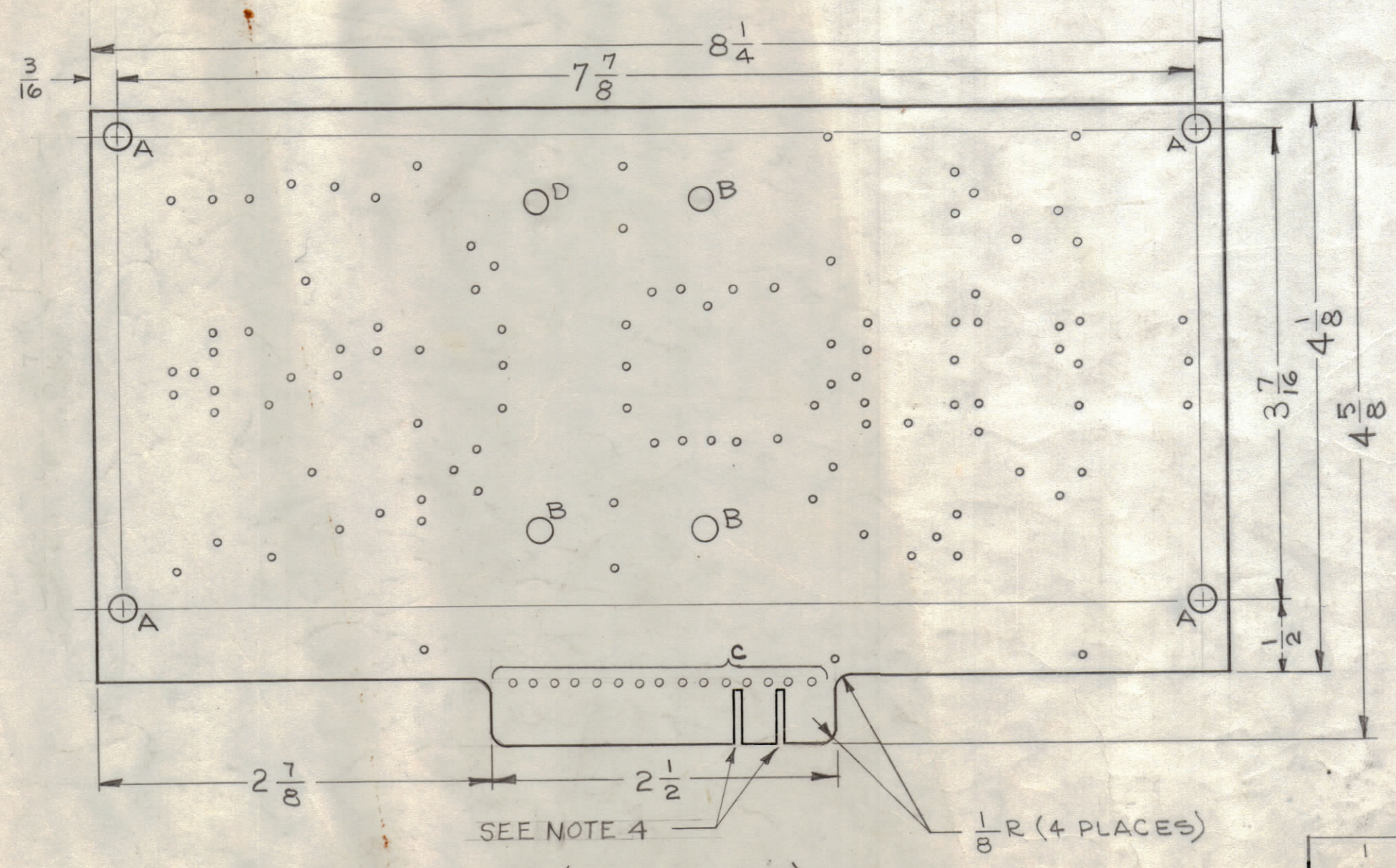


ORIGINAL ARTWORK TO BE REMOVED FROM PROTECTIVE POCKETS WHEN PHOTOGRAPHING.
NOTE: DOUBLE POCKETS.

| HOLE # PAD SPECIFICATIONS | | | |
|---------------------------|------|-----------------|-----|
| HOLE | DIA. | PAD DIA. | REQ |
| UNMARKED | .050 | .130 | 104 |
| A | .189 | NONE | 4 |
| B | .156 | .250 | 3 |
| C | .040 | CONTACT FINGERS | 15 |
| D | .156 | NONE | 1 |

- NOTES: TO BE MANUFACTURED IN ACCORDANCE WITH TMC SPEC. S-735, UNLESS OTHERWISE SPECIFIED.
- MATERIAL - G-10 EPOXY GLASS LAMINATE 3/32 THICK, 2 OUNCE COPPER CLAD BOTH SIDES.
 - ALL BOARDS WILL BE DOUBLE-SIDED. WHENEVER A PAD APPEARS ON THE PRINTED CIRCUIT SIDE, A SIMILAR SIZE AND SHAPE SHALL APPEAR ON THE COMPONENT SIDE IN EXACT REGISTER. (EXCEPT WHERE AN EXCEPTION IS NOTED.)
 - FINGER CONTACTS SHALL ALSO APPEAR ON THE COMPONENT SIDE OF BOARD AND SHALL BE CONNECTED WITH A .040 DIA. PLATED-THRU HOLE LOCATED IN THE CENTER OF EACH FINGER CONTACT .050" AWAY FROM THE MAIN BODY OF BOARD.
 - THE PRINTED CIRCUIT BOARDS SHALL BE KEYED WITH SLOTS .070" WIDE & .400" HIGH LOCATED BETWEEN FINGER CONTACTS 11 & 12, 13 & 14 AS VIEWED FROM COMPONENT SIDE OF BOARD.
 - (A) ALL HOLES EXCEPT "A" MTG. HOLES ARE TO BE PLATED-THRU WITH MINIMUM COPPER PLATING THICKNESS OF .001.
(B) PLATE .0003 TO .0005 NICKEL & 25 MILLIONTHS MINIMUM OF GOLD ALL ETCHED SURFACES AND PLATED-THRU HOLES.
 - CONDUCTOR WIDTH: .046 MIN., .062 MAX.
SPACE BETWEEN CONDUCTORS .031 MIN.

ETCHING, PRINTED CIRCUIT (A3201-1)



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

| REQ'D. | ITEM | PART NUMBER | DESCRIPTION | SYMBOL |
|---|------|---|-------------|----------------|
| M.GELLMAN LIST OF MATERIAL | | | | |
| MATERIAL | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | |
| FINISH | | TITLE PRINTED CIRCUIT BOARD, ASS'Y. (AF MODULE) | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | DRAWN | DATE | FINAL APPROVAL |
| DECIMALS X ± .05 XX ± .01 .XXX ± .005 | | DATE | DATE | DATE |
| FRACTIONS ± 1/64 ANGLES ± 0° 30' | | DATE | DATE | DATE |
| TOLERANCES | | ELECT. DES. MECH. DES. | | |
| THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN. | | A-3201 C | | |
| NOTES | | SHEET 1 OF 2 | | |

A 3201 0