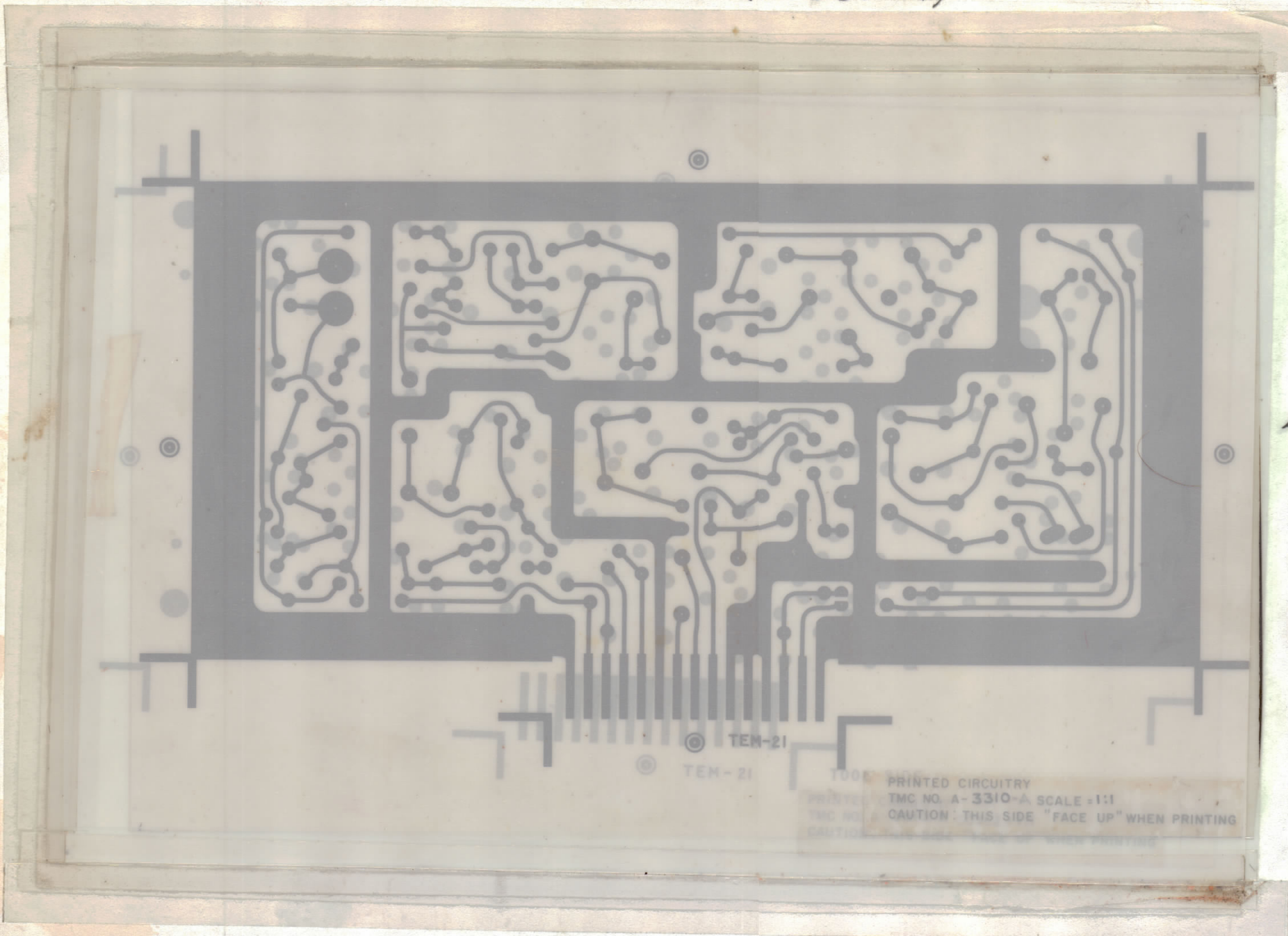


ETCHING, PRINTED CIRCUIT (A-3310-1)

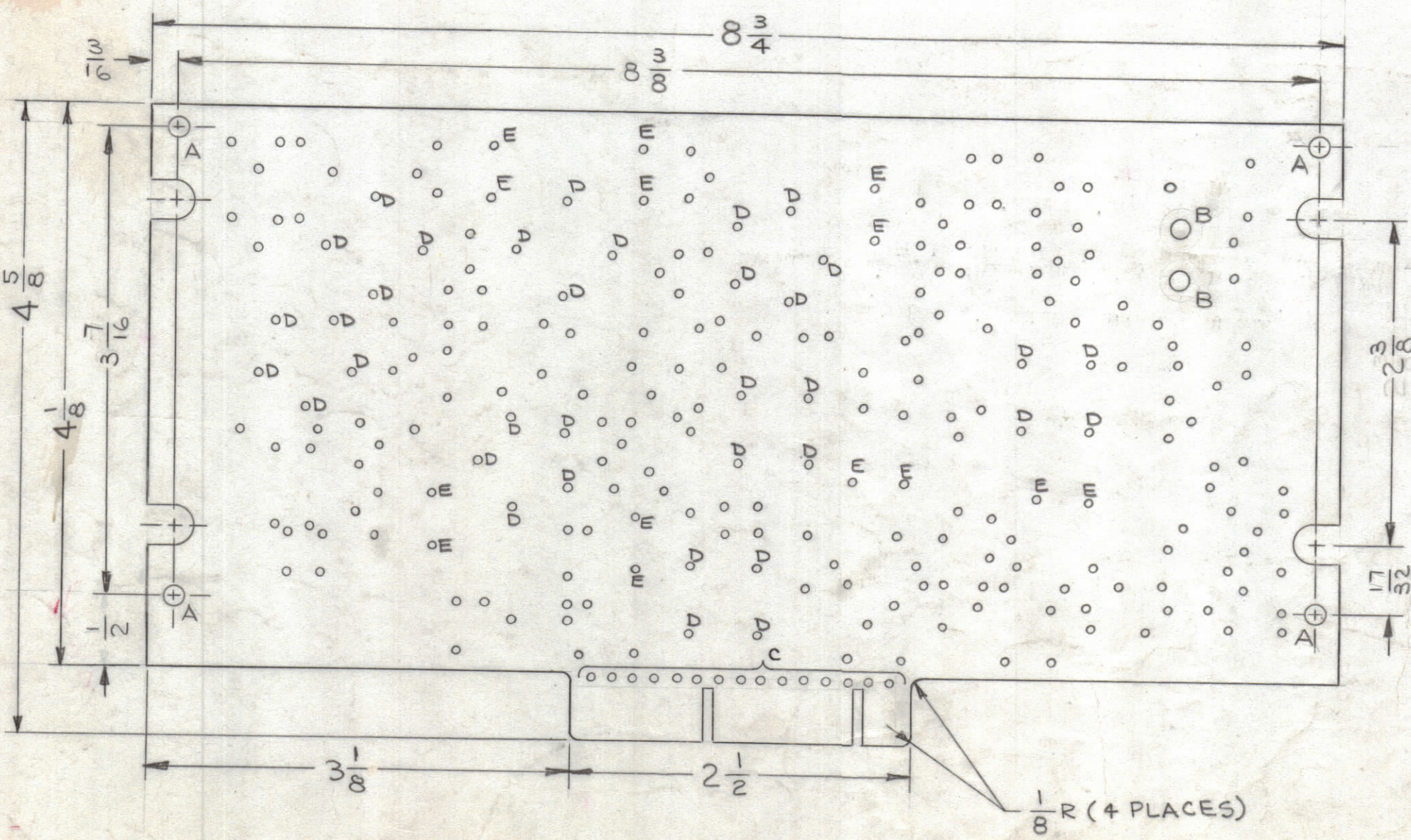


REVISIONS									
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD		
#	X1	SEE SHEET 2 OF 2 REVISION "X1"	11-20-63	1	JL				
#	X2	SEE SHEET 2, REVISION "X2"	2/24/64	2					
#	X3	SEE SHEET 2	5/19/64	3	A.M.				
	X4	DELETED "A" HOLES, UPDATED NOTE 5	7-1-64	4	NP				
	X5	ADDED "A" HOLES & MTG. SLOTS ON PICTORIAL; REVISED NOTE 5	7/29/64	5	JL				
	A	ORIGINAL RELEASE FOR PRODUCTION	7-31-64						
	A	HOLE CHART & ON A3310-2 HOLE CALLOUTS UPDATED	2-10-65	13224					

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

HOLE & PAD SPECIFICATION			
HOLE	DIA	PAD DIA.	REQ'D
UNMARKED	.040	.130	188
A	.161-.164	.250	4
B	.166	.310	2
C	.040	CONTACT FINGERS	15
D	.062	.150	35
E	.096	.150	14

- NOTES:
- 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 6 & 7, 13 & 14 AS VIEWED FROM COMPONENT SIDE OF BOARD.
  - (A) ALL HOLES TO BE PLATED-THRU WITH MINIMUM COPPER PLATING THICKNESS OF .001, EXCEPT "A" MTG. HOLES.  
(B) PLATE .0003 TO .0005 NICKEL & 25 MILLIONTHS MINIMUM OF GOLD ALL ETCHED SURFACES AND PLATED-THRU HOLES.



A-3310-2 MACHINING  
DO NOT SCALE, WORK TO DIMENSIONS

NOTES

1	LFS-1	AX-412
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE 1:1	CODE A	
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.		

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, ASSY (+ MIXER MODULE)		
SEE NOTE #1		DRAWN J. LESHINSKI DATE 9/20/63		
SEE NOTE #1		CHECKED @ DATE 7-2-64		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		ELECT. DES. DATE 7-2-64		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		MECH. DES. DATE		
FRACTIONS ± 1/64 ANGLES ± 0° 30'		FINAL APPROVAL DATE		
TOLERANCES		A-3310 A		
		SHEET 1 OF 2 REV. LTR.		

A-3310 A