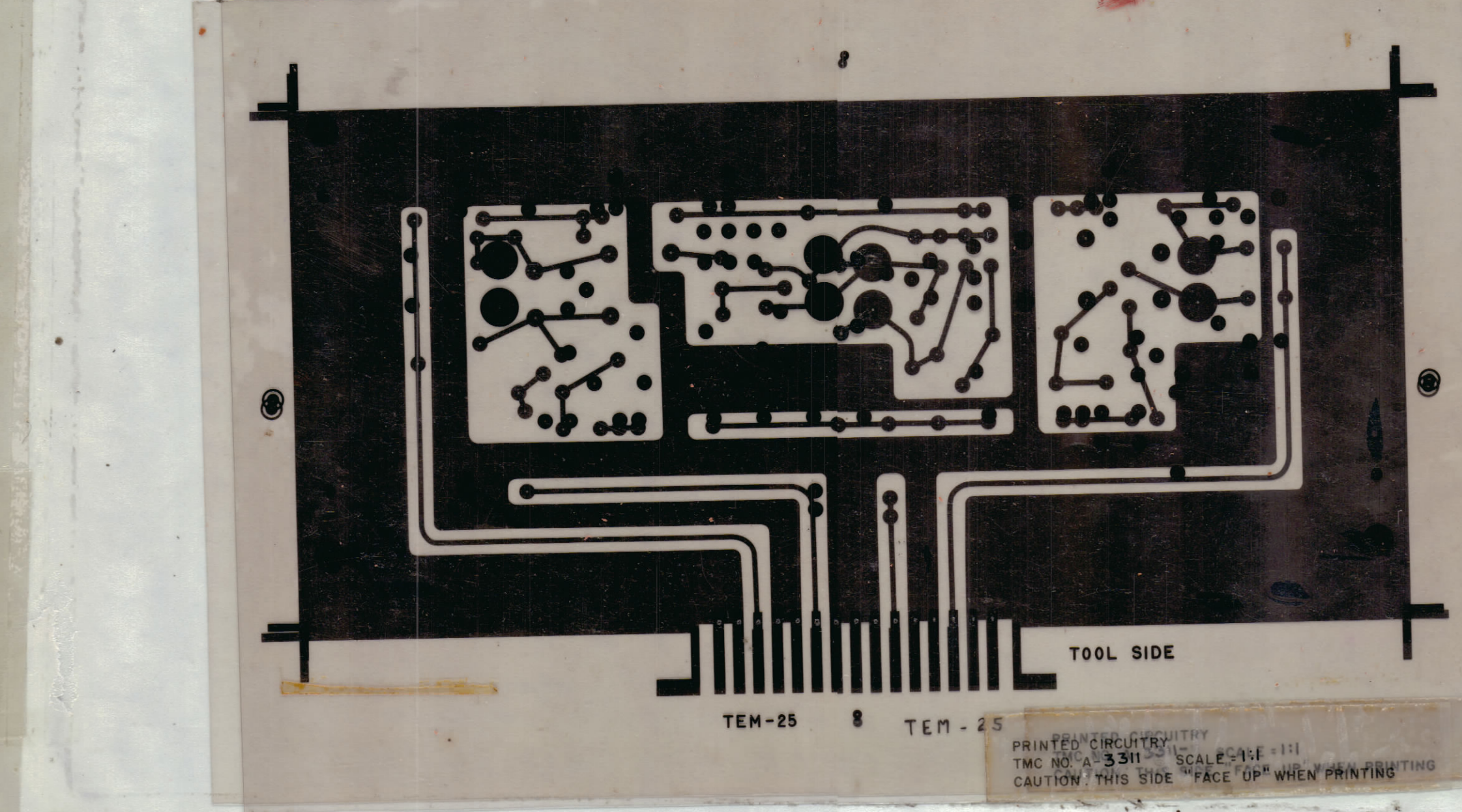


REVISIONS							
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
+	X1	SEE SHEET 2 OF 2 REVISION "X1"	11-20-63	1	JL		
+	X2	SEE SHEET 2, REVISION "X2"	2/24/64	2	FR		
#	X3	SEE SHEET 2	5/19-64	3	A.M.		
	X4	DELETED "A" HOLES, UPDATED NOTE 5	7-1-64	4	NP		
	X5	ADDED "A" HOLES; MTG SLOTS; REVISED NOTE 5.	7/29/64	5	JL		
+	O	ORIGINAL RELEASE FOR PRODUCTION	7.31.64	+	NPB		
	A	4 UNMARKED HOLES CHANGED TO "D" HOLES; 2 UNMARKED HOLES CHANGED TO "E" HOLES; HOLE CHART; UNMARKED DIA. DIA. WAS .050, REQ. WAS .25; "A" DIA. WAS .166; D & E ADD. SEE SHEET 2 OF 2 REV. "A"	2-11-65	13224	FA		
	B	2 UNMARKED HOLES ADDED, SEE SH 2.	1-11-67	17657	WFO		

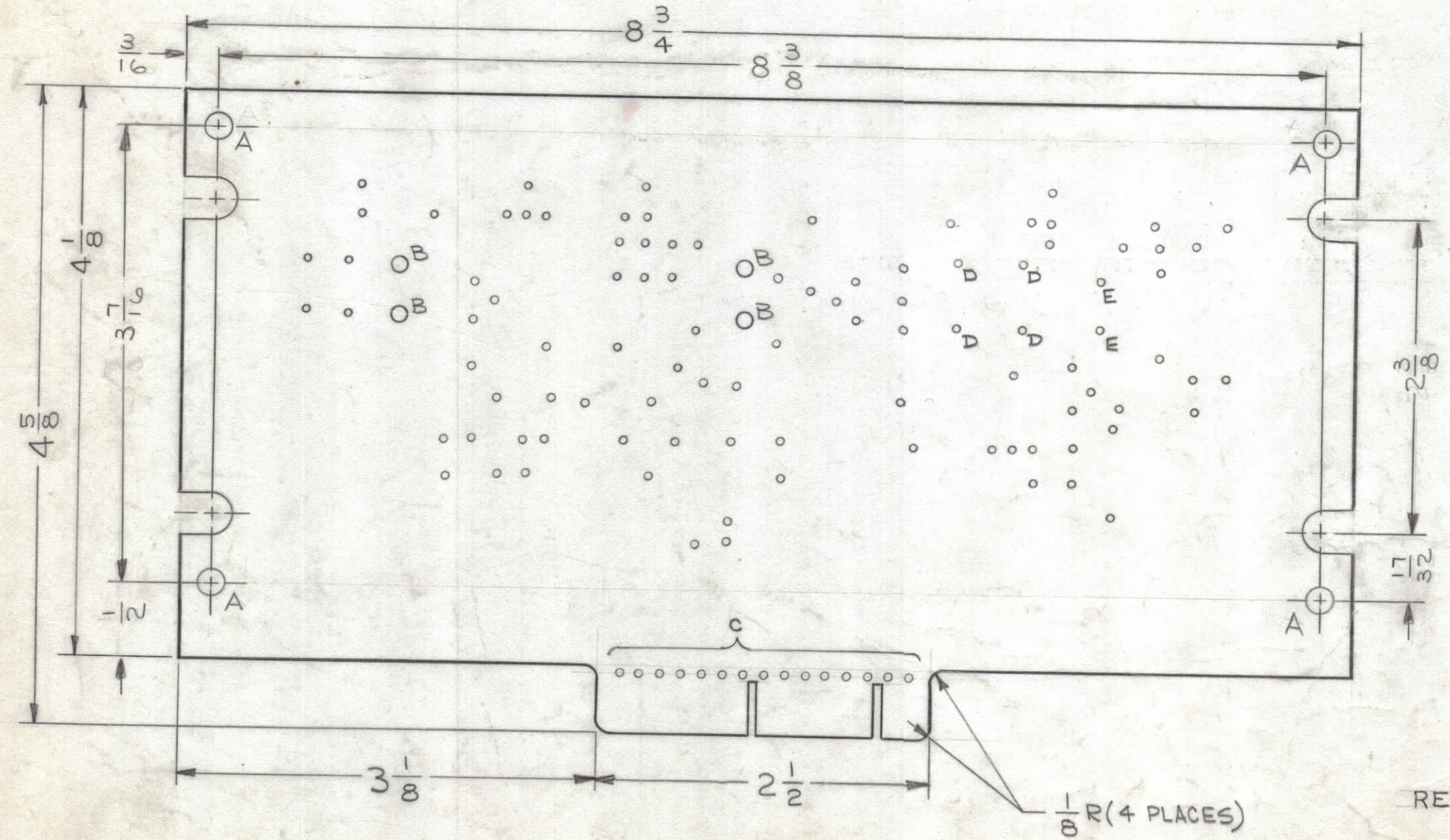
ORIGINAL ARTWORK TO BE REMOVED FROM PROTECTIVE POCKETS WHEN PHOTOGRAPHING.  
NOTE DOUBLE POCKETS.

HOLE & PAD SPECIFICATIONS			
HOLE	DIA.	PAD DIA.	REQ'D.
UNMARKED	.040	.130	91
A	.161 TO .164	.250	4
B	.166	.310	4
C	.040	CONTACT FINGERS	15
D	.062	.150	4
E	.096	.150	2

- NOTE: TO BE KEPT IN ORIGINAL POSITION AND ACCORDANCE WITH THE ORIGINAL SPECIFICATIONS.
- 1 - MATERIAL - G-10 EPOXY GLASS LAMINATE 3/32 THICK, 2 OUNCE COPPER CLAD BOTH SIDES.
  - 2 - 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.)
  - 3 - 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.
  - 4 - THE PRINTED CIRCUIT BOARDS SHALL BE KEYED WITH SLOTS .070" WIDE & .400" HIGH LOCATED BETWEEN FINGER CONTACTS 7 & 8, 13 & 14 AS VIEWED FROM COMPONENT SIDE OF BOARD
  - 5 - (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.



ETCHING, PRINTED CIRCUIT (A-3311-1)



MACHINING (A-3311-2)  
DO NOT SCALE, WORK TO DIMENSIONS

4	LFS-1	AX-413
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
1:1	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		
SEE NOTE #1		PRINTED CIRCUIT BOARD, ASSY. (÷10 MODULE)		
FINISH		TITLE		
SEE NOTE #1		DRAWN: [Signature] DATE: 9-19-63		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		CHECKED: [Signature] DATE: 7-3-64		
DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005		FRACTIONS: ± 1/64, ANGLES: ± 0° 30'		DATE: 7-3-64
TOLERANCES		ELECT. DES. DATE: 7-3-64		MECH. DES. DATE: 7-3-64
		A-3311		B
		SHEET 1 OF 2		REV. LTR.

A 3311 B

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