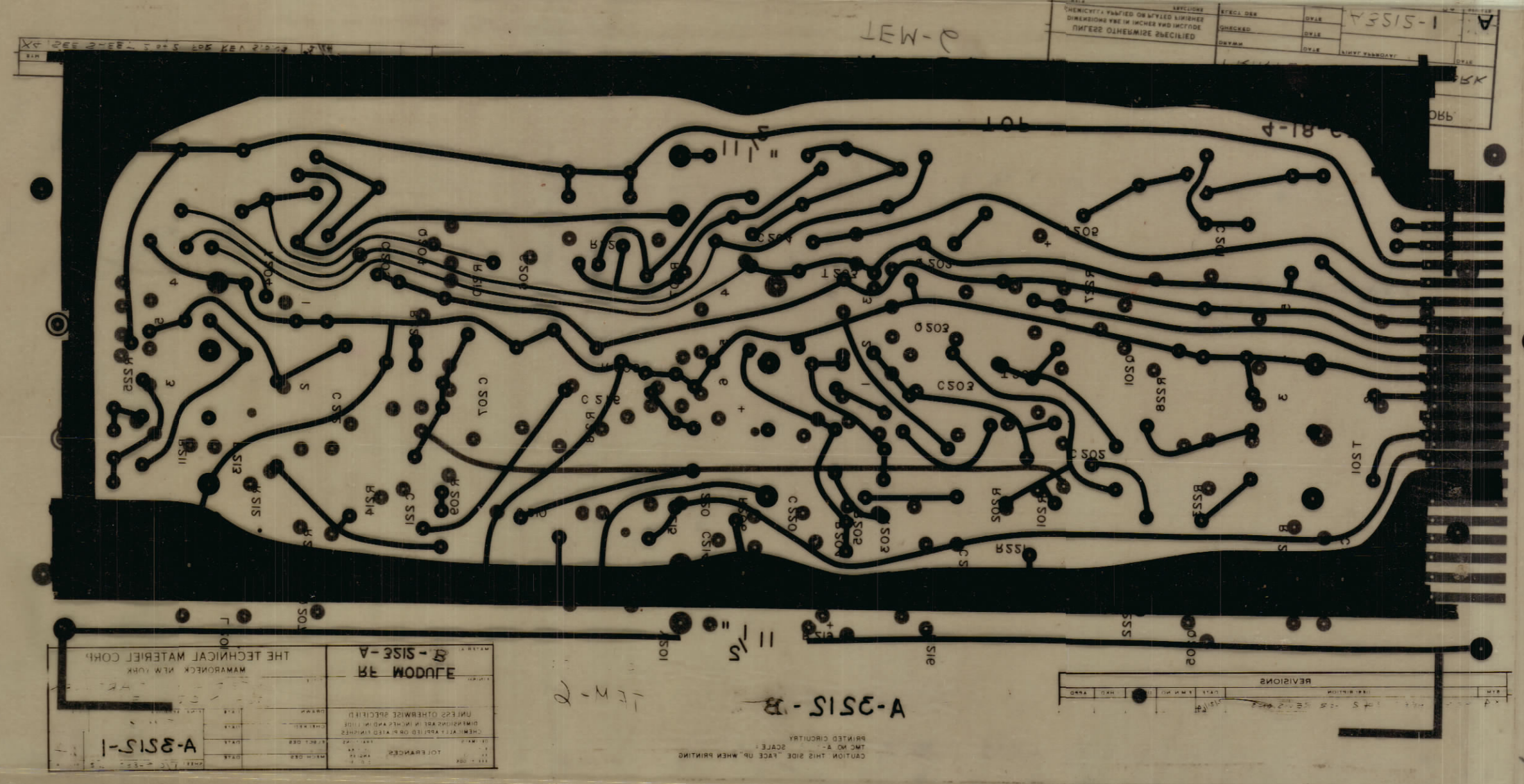


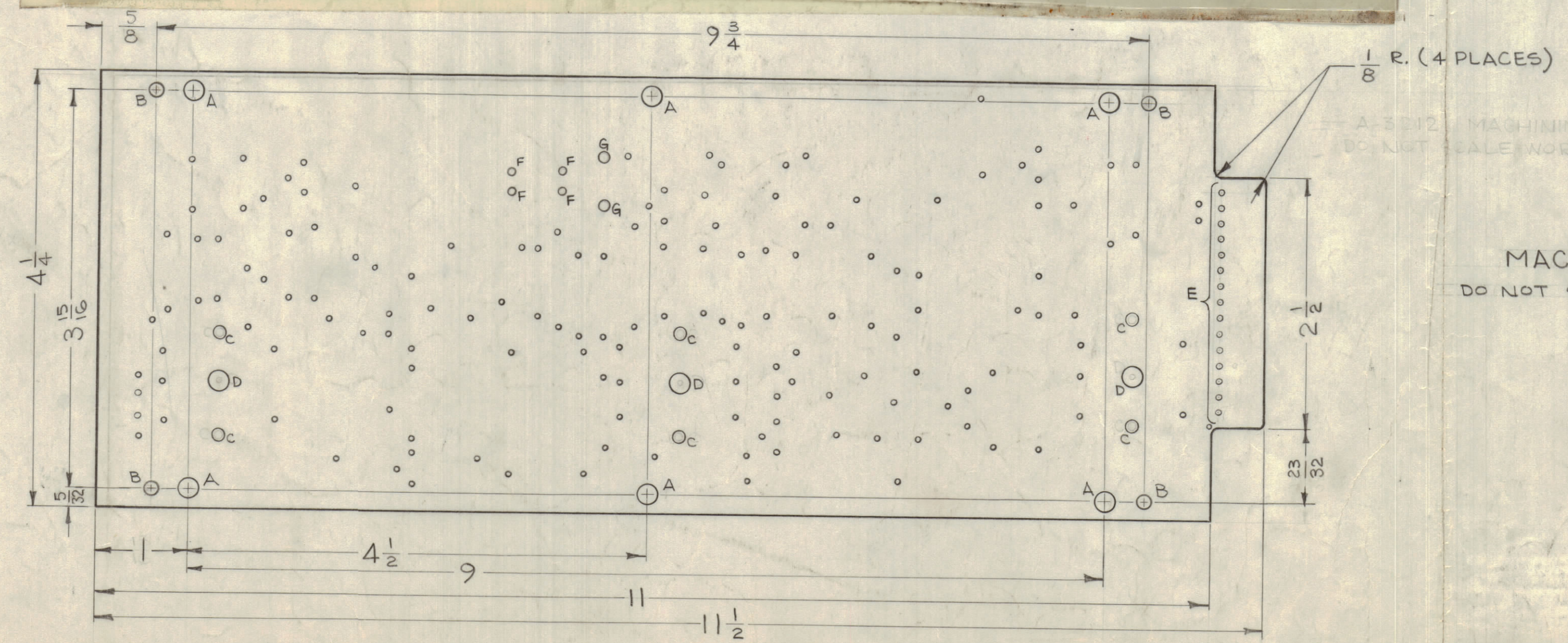
REVISIONS						
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
E3	X2	HOLE & PAD SPECS UPDATED	12-24-63	7	JL	MP
	X3	SEE A-3212 SHT-2	1/24/64	3	JL	MP
	X4	SEE SHEET 2 OF 2, REVISION "X4"	4/16/64	4	JL	MP
	X5	SEE SHEET 2 OF 2 REVISION "X5"	4/16/64	5	JL	MP
	0	ORIGINAL RELEASE FOR PRODUCTION	5-12-64	0	A.M.	
	A	1" HOLE DELE. FROM CONTACT #4.	8-26-64	12096	JLB	JLB
	B	SEE SHEET 2 OF 2	7-20-65	18349	WPD	WPD



HOLE & PAD SPECIFICATIONS			
HOLE	DIA.	PAD DIA.	REQ'D
UNMARKED	.050	.130	155
A	.189	.250	6
B	.140	NONE	4
C	.110	.187	6
D	.189	NONE	3
E	.040	CONTACT FINGERS	15
F	.046	.125	4
G	.093	.250	2

ORIGINAL ARTWORK TO BE REMOVED FROM PROTECTIVE POCKETS WHEN PHOTOGRAPHING. REVISIONS SHALL BE MADE ON 2:1 ORIGINAL ARTWORK. ETCHING, PRINTED CIRCUIT (A-3212-1)

- 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.
 - (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: .031 MIN., .046 MAX. SPACE BETWEEN CONDUCTORS .031 MIN.



MACHINING (A-3212-2) DO NOT SCALE, WORK TO DIMENSIONS

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

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
	M. GELLMAN LIST OF MATERIAL			
	SEE NOTE #1		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	SEE NOTE #1		PRINTED CIRCUIT BOARD, ASSEMBLY (R.F. MODULE)	
10	VLR-1	AX 432		
SCALE	1:1	CODE		
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.				
DECIMALS	TOLERANCES		FRACTIONS	ANGLES
±.05	±.004		±.1/64	±0° 30'
±.01	±.003			
±.005	±.002			
DRAWN		DATE	FINAL APPROVAL	DATE
CHECKED		DATE		
ELECT. DES.		DATE		
MECH. DES.		DATE		
			A 3212	B
			SHEET 1 OF 2	REV. LTR.