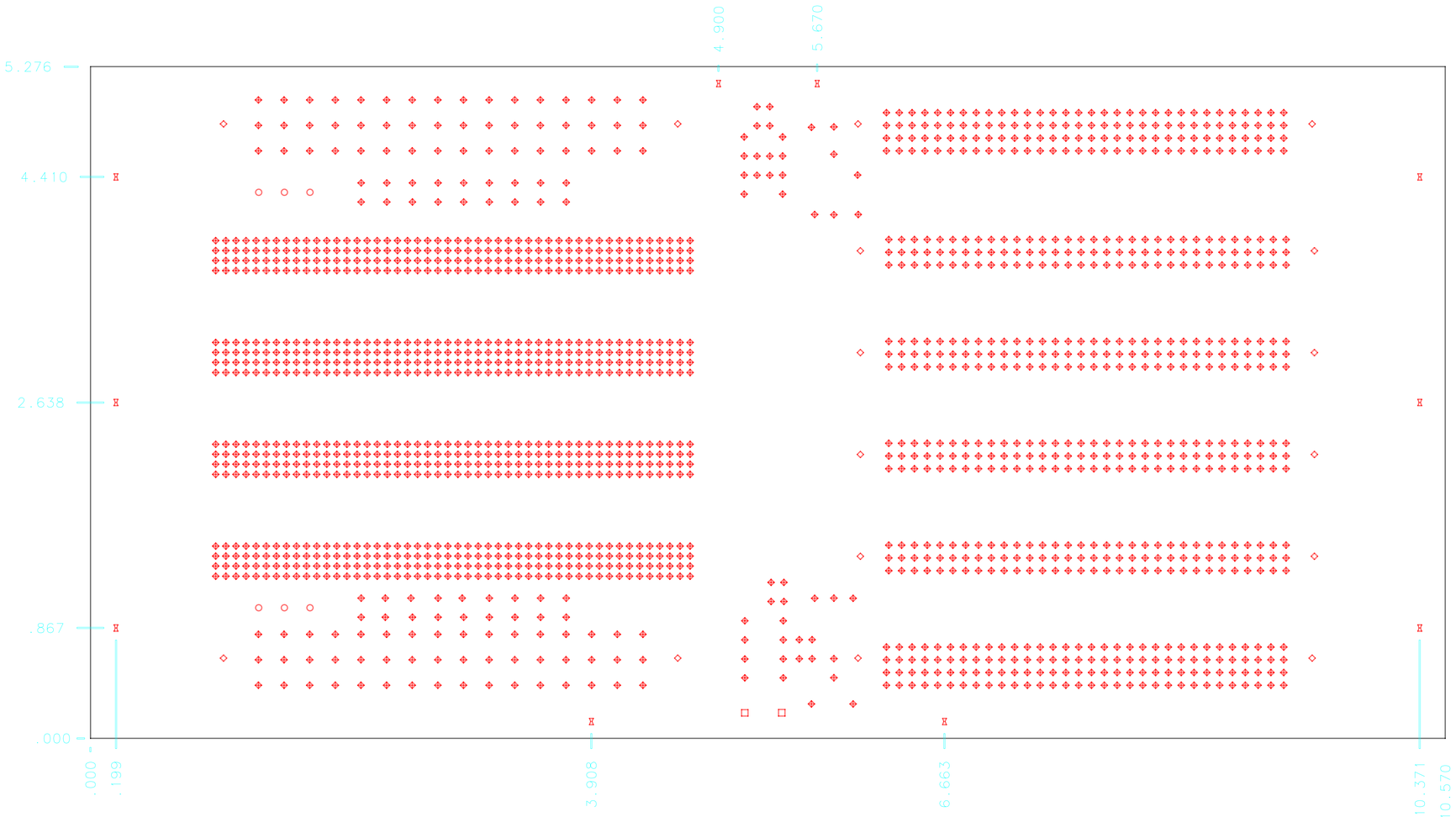
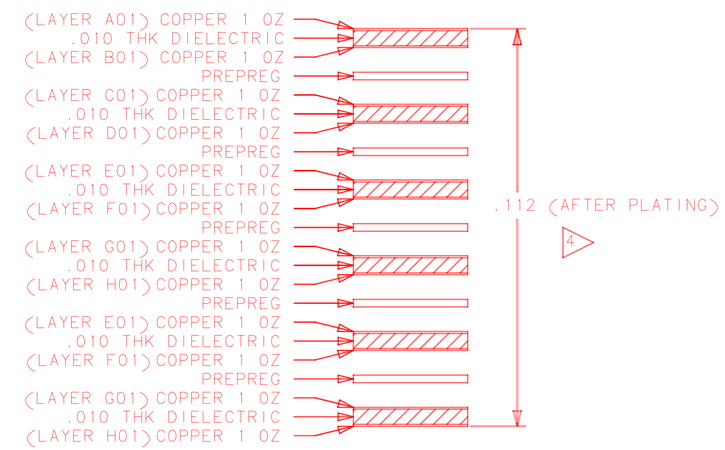
ITEM	PART NO.	QTY.	DESCRIPTION
1	10Y-226430 M1 - M12	REF	ARTWORK



NOTES: UNLESS OTHERWISE SPECIFIED

1. FABRICATE PRINTED WIRING BOARD PER IPC-4101.
2. MATERIAL; TYPE PC-GF PREPREG AND TYPE GFN COPPER CLAD EPOXY LAMINATE WITH A MINIMUM GLASS TRANSITION TEMPERATURE OF° 125 C, WITH TYPE H COPPER FOIL PER MIL-P-13949.
3. PREPREG: FINISHED BOARDS SHALL HAVE A MINIMUM OF .0035 INCH OF PREPREG MATERIAL BETWEEN CONDUCTIVE LAYERS.
4. ELECTRODEPOSIT COPPER PLATING PER MIL-C-14550. A MINIMUM THICKNESS OF .001 INCH FOR 1 OZ CALLOUTS ON ALL EXTERNAL LAYERS AND HOLES IS REQUIRED.
5. TIN-LEAD PLATE PER QQ-S-571 TO A MINIMUM THICKNESS OF .0001 ON EXTERNAL LAYERS AND ALL HOLES.
6. ANNULAR RING: A MINIMUM OF .002 INCH IS REQUIRED ON ALL EXTERNAL LAYERS AND .001 INCH ON INTERNAL LAYERS.
7. SEE DETAIL 'A' FOR BOARD CROSS SECTION.
8. FOR DRILL SIZES AND COORDINATES SEE CBP-1 NC.
9. ETCHBACK: THE MAXIMUM ALLOWABLE IS .003 INCH.



DETAIL 'A'

12 LAYER

DRILL SYMBOL	DRILL SIZE	COUNT	PLATED
✥	0.032	1586	YES
○	0.052	6	YES
□	0.096	2	NO
◇	0.11	16	NO
⧗	0.14	10	NO

REVISION LETTER	CLASS REVIEW	REVISIONS	DATE	CHANGED BY	CHECKED BY	APPROVED BY
A		ADDED ARCNET CHANGES.	2-7-00	G.S.		
		ORIGINAL ISSUE				

LOS ALAMOS

LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS, NEW MEXICO 87545

CLASSIFICATION OF DRAWING: UNCL

PART: UNCL TITLE BLOCK: UNCL

TITLE

CBP-1
CATHODE BKPLANE
DETAIL

	SIGNATURE	DATE	GROUP
ORIGINATED	M.ECHAVE	1-20-99	NIS-4
DRAWN	G.SMITH	1-20-99	NIS-4
CHECKED			
PROJ. ENGR.			
APPROVED			
RELEASED			

.X= +/-____ 0.XX= +/-____ ANGULAR= +/-____
0.X= +/-____ 0.XXX= +/-____ FINISH= +/-____

SCALE	TOTAL SHEETS	DRAWING NO.	SIZE	SHEET NO.
1/1		10Y-226430	D	9