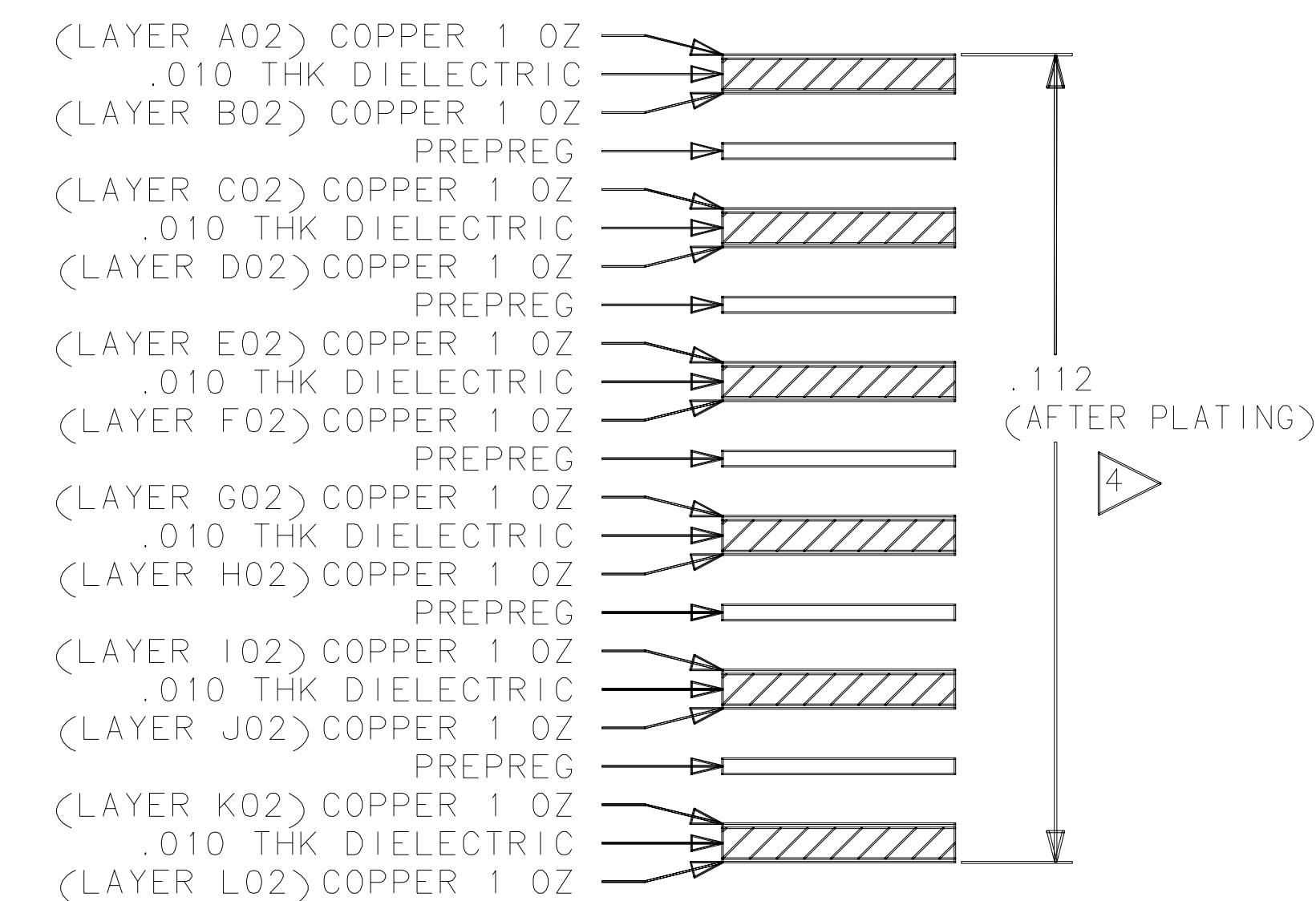


ITEM	PART NO.	QTY.	DESCRIPTION
1	10Y-226430 M1 - M12	REF	ARTWORK

- NOTES: UNLESS OTHERWISE SPECIFIED
- FABRICATE PRINTED WIRING BOARD PER IPC-4101.
 - 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.
 - PREPREG: FINISHED BOARDS SHALL HAVE A MINIMUM OF .0035 INCH OF PREPREG MATERIAL BETWEEN CONDUCTIVE LAYERS.
 - 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.
 - TIN-LEAD PLATE PER QQ-S-571 TO A MINIMUM THICKNESS OF .0001 ON EXTERNAL LAYERS AND ALL HOLES.
 - ANNULAR RING: A MINIMUM OF .002 INCH IS REQUIRED ON ALL EXTERNAL LAYERS AND .001 INCH ON INTERNAL LAYERS.
 - SEE DETAIL 'A' FOR BOARD CROSS SECTION.
 - FOR DRILL SIZES AND COORDINATES SEE CBP-1 NC.
 - ETCHBACK: THE MAXIMUM ALLOWABLE IS .003 INCH.



DETAIL 'A'
12 LAYER

DRILL SYMBOL	DRILL SIZE	COUNT	PLATED
⊕	0.028	80	YES
○	0.032	1518	YES
□	0.045	8	YES
◇	0.052	2	YES
⊗	0.1	4	YES
⊕	0.11	16	NO
△	0.116	8	NO
+	0.128	4	NO
×	0.14	10	NO

REVISION LETTER	CLASS REVIEW	REVISIONS	DATE	CHANGED BY	CHECKED BY	APPROVED BY
C		REV PER ENGR CHANGES	7/26/00	G. R.		
B		E29, E35, E62, E63 NOW .10 DIA	6/28/00	G. S.		
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	
ORIGINATED	SIGNATURE	DATE	GROUP
DRAWN	G. SMITH	1-20-99	NIS-4
CHECKED			
PROJ. ENGR.			
APPROVED			
RELEASED			
SCALE	TOTAL SHEETS	DRAWING NO.	SHEET NO.
1/1		10Y-226430	D9

