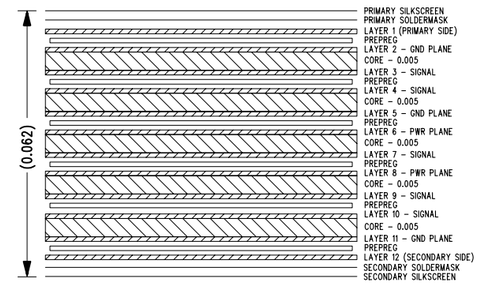
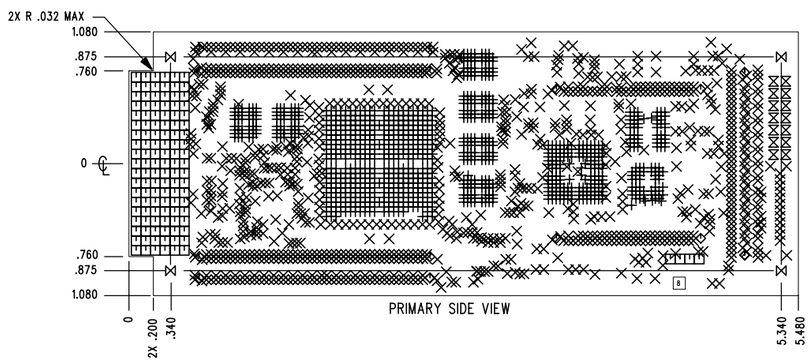
DWG. NO.	REV
1002606	2

REVISIONS

ECO	REV	DESCRIPTION	DATE	APPROVED
	1	INITIAL RELEASE	10-FEB-05	
	2	UPDATE	16-NOV-05	

LAYER STACKUP - 12 LAYER





DRILL TABLE

SIZE (MILS)	QTY	SYM	PTLD	TOL (IN)
8	1008	+	P	+/-0.003
10	1070	×	P	+/-0.003
24	118	□	P	+/-0.003
30	18	◇	NP	+/-0.003
37	14	⧖	P	+/-0.003
116	4	⋈	NP	+/-0.005

16. BOARD OUTLINE TO BE ROUTED WITH ROUTER BIT OF .062 DIA MAX.
15. THIS IS A CONTROLLED IMPEDANCE BOARD. VENDOR TO ADJUST TRACE WIDTH AND/OR LAYER SPACING TO ACHIEVE 50 OHMS ON .005 TRACES AND 25 OHMS ON .010 TRACES.
14. TEARDROPS MAY BE ADDED AND MUST NOT VIOLATE 0.005 CLEARANCE.
13. CERTIFICATE OF COMPLIANCE TO BE PROVIDED ON ALL SHIPMENTS.
12. EACH LOT MUST INCLUDE ONE SOLDER SAMPLE.
11. BOARDS TO BE 100% NET LIST TESTED FOR OPENS AND SHORTS PER PROVIDED IPC-356 NETLIST.
10. FABRICATE PER IPC-6012, CLASS II.
9. ACCEPTABILITY CRITERIA TO BE PER IPC-A-600, LATEST ISSUE.
8. VENDORS UL ID, RECOGNIZED COMPONENT SYMBOL, 94V-0 RATING PER UL796 AND DATE CODE TO APPEAR IN THIS AREA ONLY ON FARSIDE.
7. FABRICATION DRAWING TAKES PRECEDENCE OVER ARTWORK AND/OR PURCHASE ORDER(S).
6. PROCESS TO BE IMMERSION WHITE TIN OR GOLD IMMERSION (ENIG).
5. SIGNAL LAYERS TO BE 1/2 OZ. COPPER.
   PLANE LAYERS TO BE 1 OZ. COPPER.
4. SILK SCREEN LEGEND TO BE WHITE, NON-CONDUCTIVE EPOXY INK.
3. GREEN SOLDER MASK BOTH SIDES LPI (LIQUID PHOTO-IMAGEABLE) PER IPC-SM-840.
2. MATERIAL IS GLASS EPOXY, TYPE GFN PER IPC-4101, GREEN OR NATURAL, OVERALL THICKNESS TO BE .062 +/-.007.
1. TOLERANCE: XX=+/-.03; XXX=+/-.010.

NOTE: UNLESS OTHERWISE SPECIFIED

INTERPRET PER ASME Y14.5M-1994

QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES

MATERIAL SEE NOTES

FINISH SEE NOTES

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS		DATE
DRAWN	CES	10-FEB-05
CHECKED		
ISSUED		

MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
7700 SANDHOLDT ROAD
MOSS LANDING, CA 95039

PCB, BIOSA MOTHERBOARD
DRILL DRAWING

SIZE	FSCM NO.	DWG. NO.	REV.
B		1002606	2

CAM FILE: 1002606REV2- DD.PHO SHEET OF

DWG. NO. 1002606 REV. 2