

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

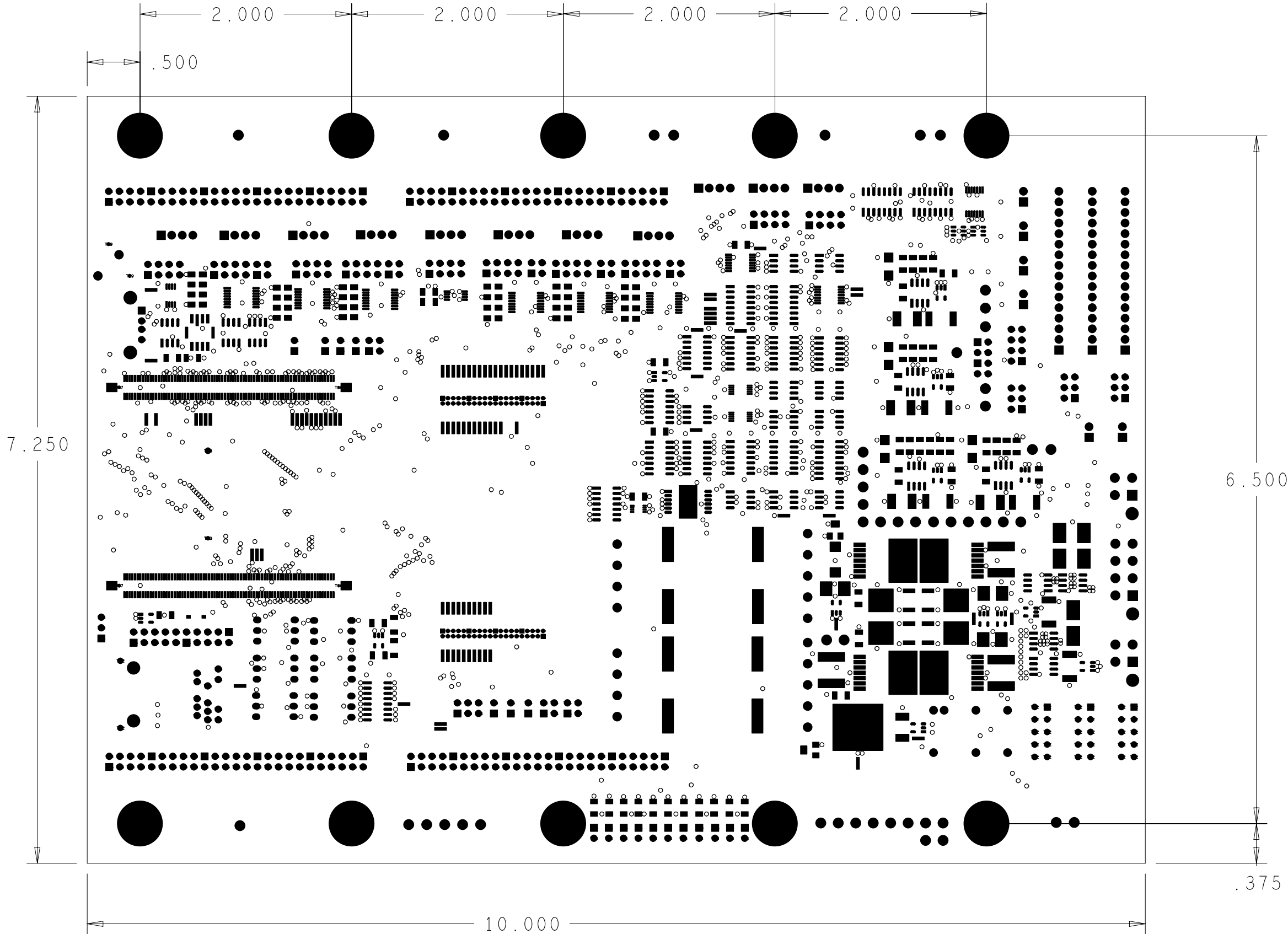
FABRICATION NOTES:

1. MATERIAL: COPPER WEIGHT SHALL BE 2oz OUTER 1oz INNER.
OVERALL BOARD THICKNESS TO 0.062" +/- 0.007"
2. UNLESS OTHERWISE SPECIFIED ALL HOLE DIMENSIONS APPLY AFTER PLATING.
3. ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF TRUE POSITION. LAYER TO LAYER REGISTRATION SHALL BE WITHIN 0.003".
4. CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN +/-0.001" OF ARTWORK ORIGINALS.
5. APPLY SOLDERMASK OVER BARE COPPER. COLOR: BLUE. HASL/SMOBC
6. WARP OR TWIST OF BOARD SHALL NOT EXCEED 0.010 INCH PER INCH.
7. SILKSCREEN BOTH TOP AND BOTTOM COMPONENT SIDES WITH WHITE EPOXY INK.
8. REMOVE ALL BURRS.
9. CUT OUTSIDE OF 0.001" BOARD OUTLINE.

LAYER STACK-UP:

- 1: TOP
2: IN1
3: GND
4: PWR
5: IN2
6: BOT

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
○	10.0	PLATED	910
○	16.0	PLATED	32
⊞	29.0	PLATED	80
T38	38.0	PLATED	428
○	41.0	PLATED	46
T42	42.0	PLATED	30
T43	43.0	PLATED	111
T50	50.0	PLATED	2
T52	52.0	PLATED	18
T55	55.0	PLATED	16
T63	63.0	PLATED	49
T90	90.0	PLATED	2
125	125.0	PLATED	3
185	185.0	PLATED	10
T20	29.5	NON-PLATED	2
T37	37.4	NON-PLATED	2
T39	39.0	NON-PLATED	2
T43	43.0	NON-PLATED	1
T62	62.0	NON-PLATED	2
T63	63.0	NON-PLATED	1
126	126.0	NON-PLATED	2



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS +/- 0.02" 3 PL DECIMALS +/- 0.005" ANGLES +/- 1 Degree FRACTIONS 1/2	SIGNATURES	DATE	TETHYS MOTHERBOARD		
			MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA		
	DESIGNED BY: CHAD KEYC		SIZE C	REVISION 1-6	DWG NO 10020256
	LAYOUT BY: JOSE ROSAL		SCALE 1-1	SHEET 1-1	