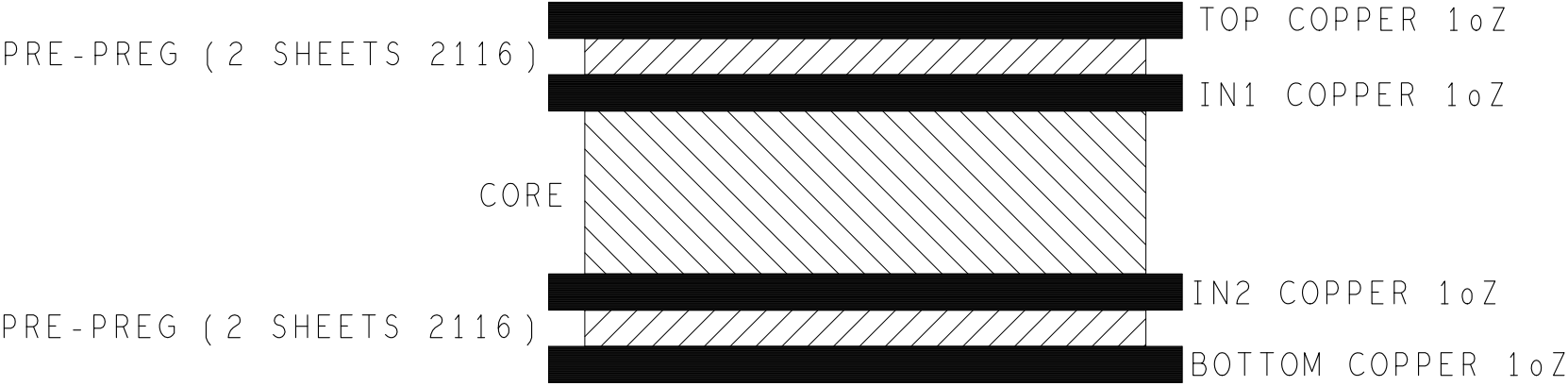
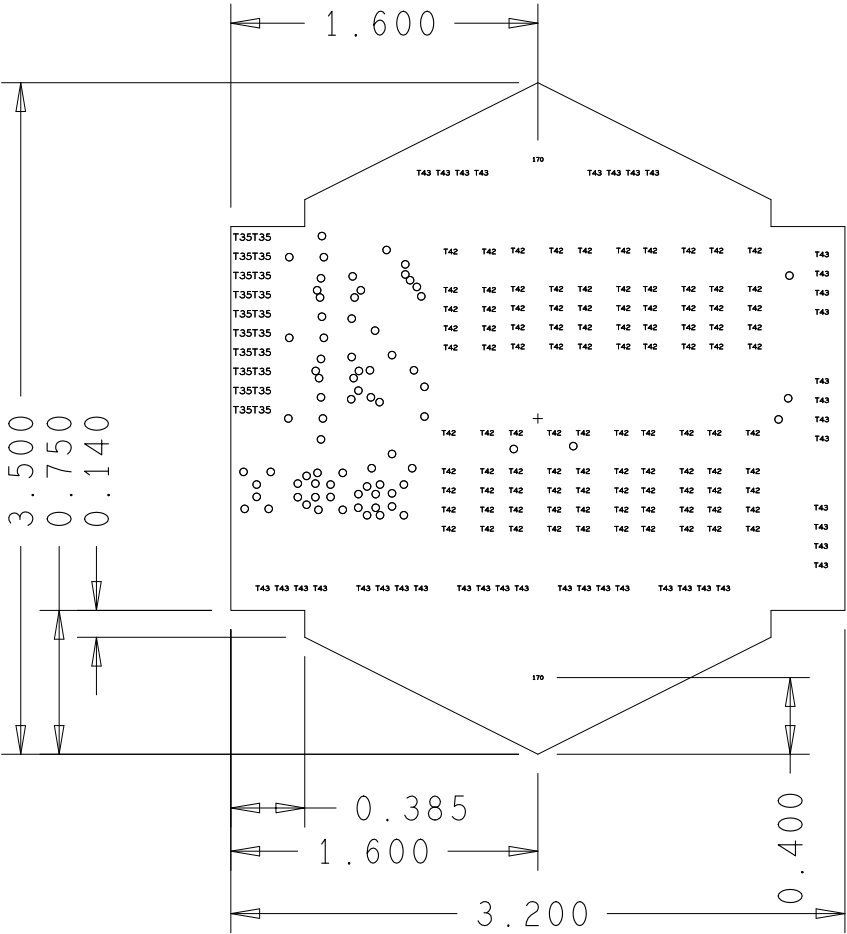


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
Ø	10.0	PLATED	77
T35	35.0	PLATED	20
T42	42.0	PLATED	100
T43	43.0	PLATED	40
170	170.0	PLATED	2



CLASS II FABRICATION NOTES: (UNLESS OTHERWISE SPECIFIED)

- BOARDS SHALL BE 100% NET LIST TESTED FOR OPENS AND SHORTS PER PROVIDED IPC-D-356 NETLIST.
- THIS BOARD SHALL BE MANUFACTURED IN ACCORDANCE WITH IPC-6012A CLASS II SPECIFICATIONS AND MEET IPC-600 CLASS II ACCEPTABILITY STANDARDS.
- MATERIAL:
 - FR4 PER IPC 4101B/24 /26, OR /28.
 - SIGNAL LAYERS TO BE 1 OZ. COPPER.
 - PLANE LAYERS TO BE 1 OZ. COPPER.
 - OVERALL THICKNESS TO BE 0.062" +/- 0.007"
- LEGEND:
 - WHITE NON-CONDUCTIVE EPOXY INK BOTH SIDES.
- SOLDERMASK:
 - APPLY LIQUID PHOTO-IMAGABLE (LPI) SOLDER MASK OVER BARE COPPER PER IPC-SM-840 CLASS H, COLOR VIOLET, BOTH SIDES.
- PLATING FINISH:
 - HOT AIR SOLDER LEVELING (HASL) SN63A SnPb SOLDER.
 - ~~IMMERSION SILVER IAG.~~
- PROCESS ALLOWANCES:
 - MAXIMUM BOW AND TWIST SHALL NOT EXCEED .007" PER INCH
 - HOLE DIMENSIONS APPLY AFTER PLATING.
 - ALL HOLES SHALL BE LOCATED WITHIN 0.003" DIAMETER OF TRUE POSITION.
 - LAYER TO LAYER REGISTRATION SHALL BE WITHIN 0.003".
 - CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN +/- 0.002".
 - REMOVE ALL BURRS AND BREAK SHARP EDGES 0/015" MAX.
 - CUT OUTSIDE OF 0.001" BOARD OUTLINE.

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	IDGH INTERFACE DAUGHTER CARD		
			MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA		
	DESIGNED BY: THOM MAUGHAN		SIZE B	RELEASE A	DWG NO 10021030-2
LAYOUT BY: JOSE ROSAL			SCALE 1 - 1		SHEET 1 - 1