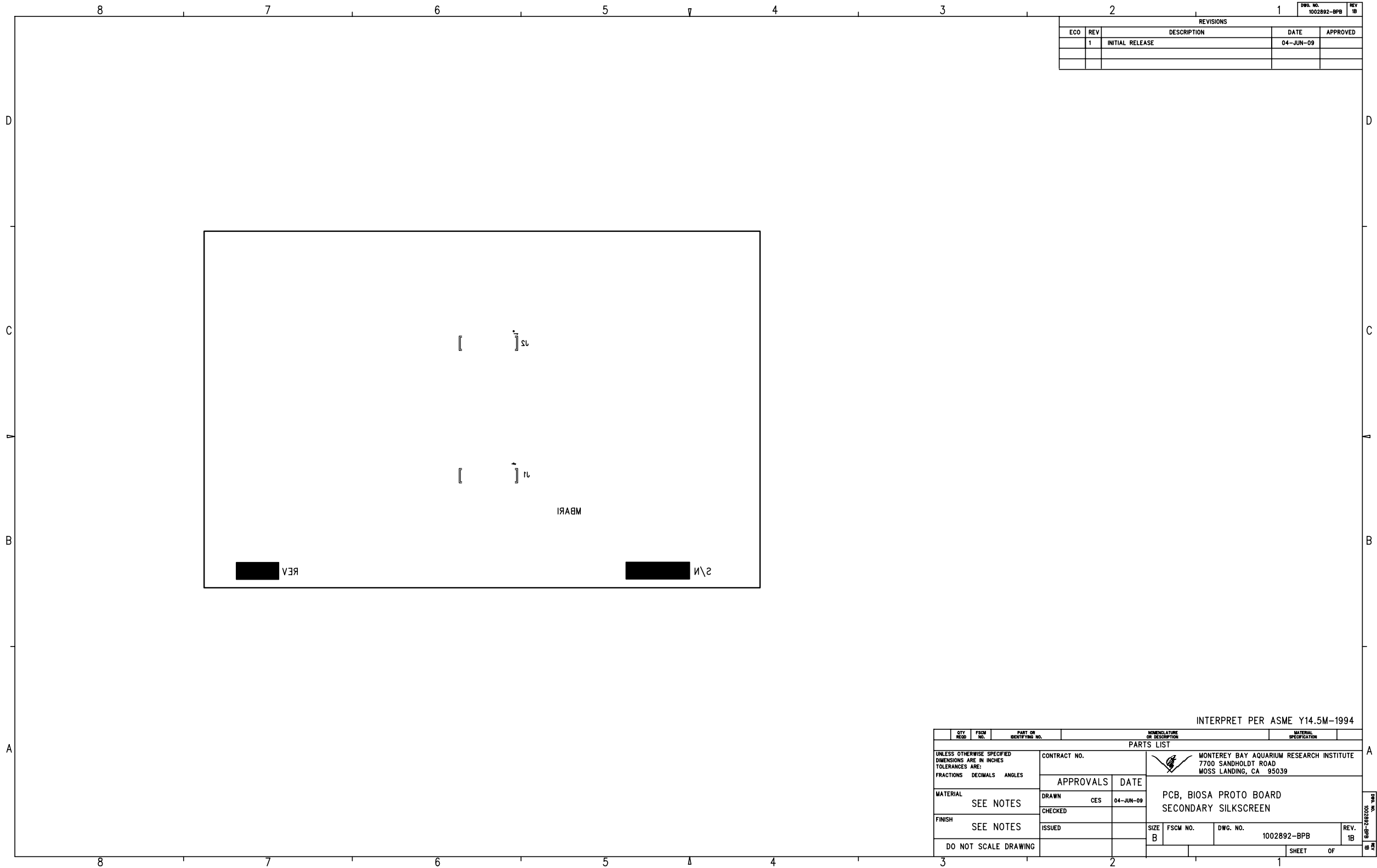
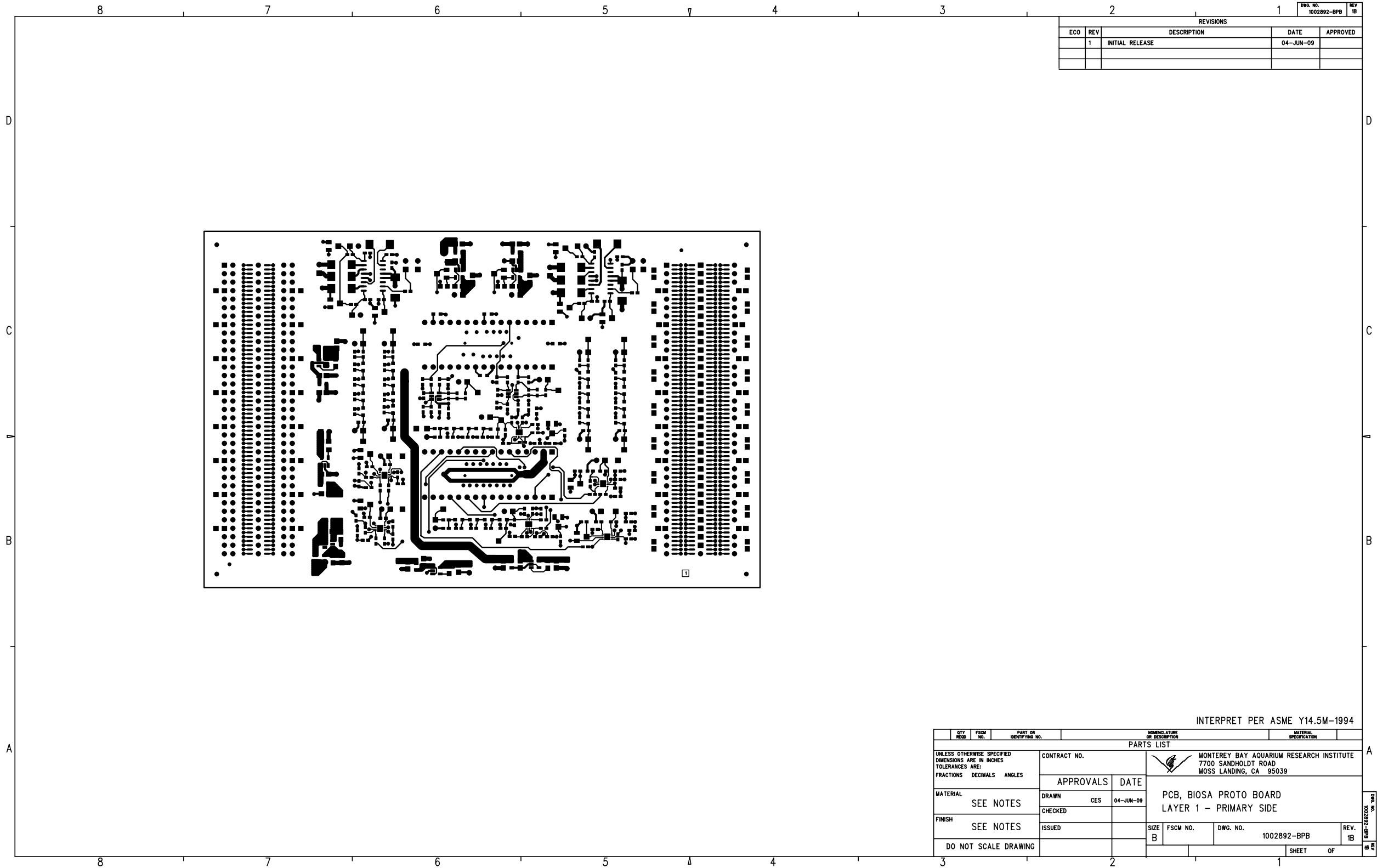
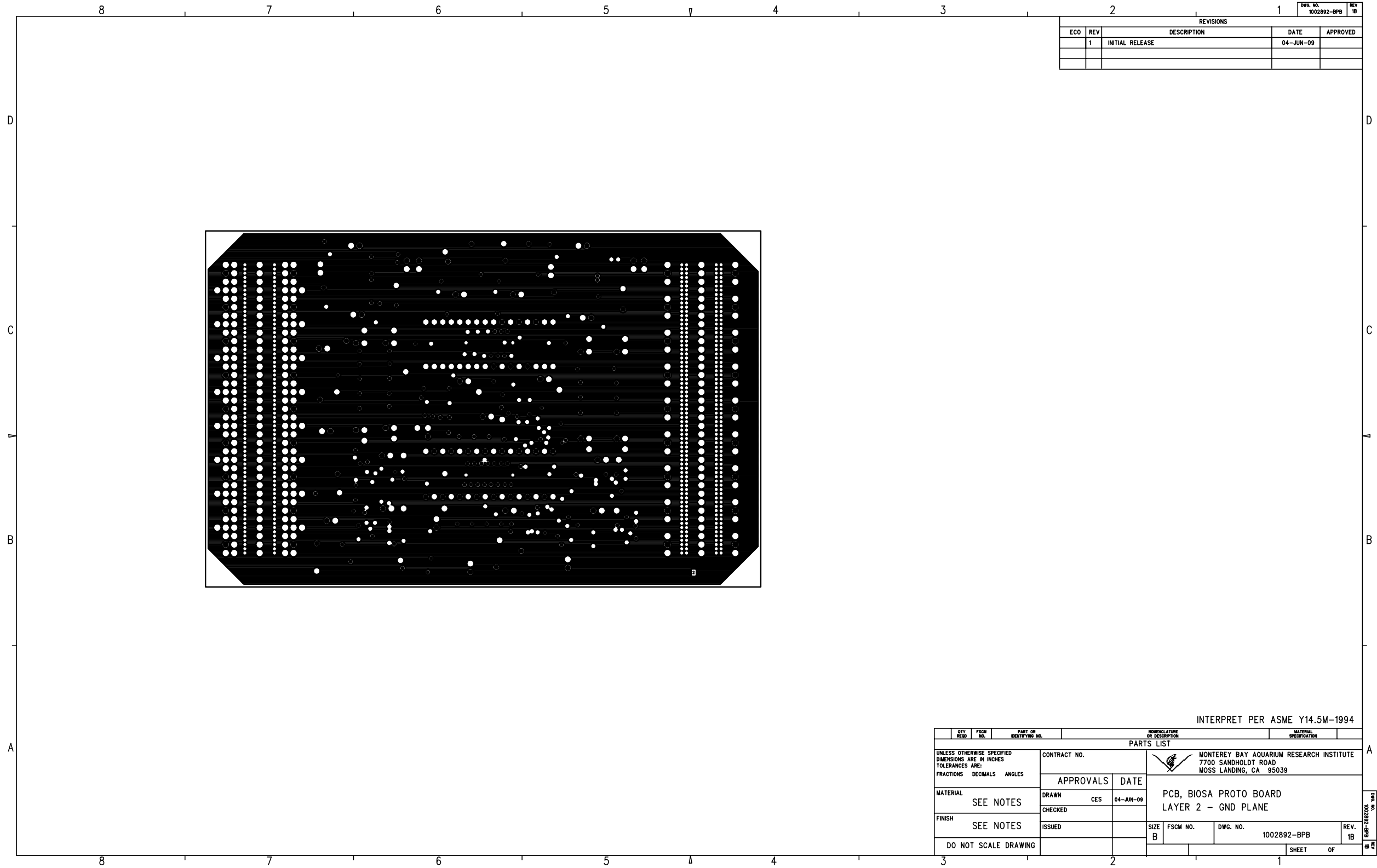


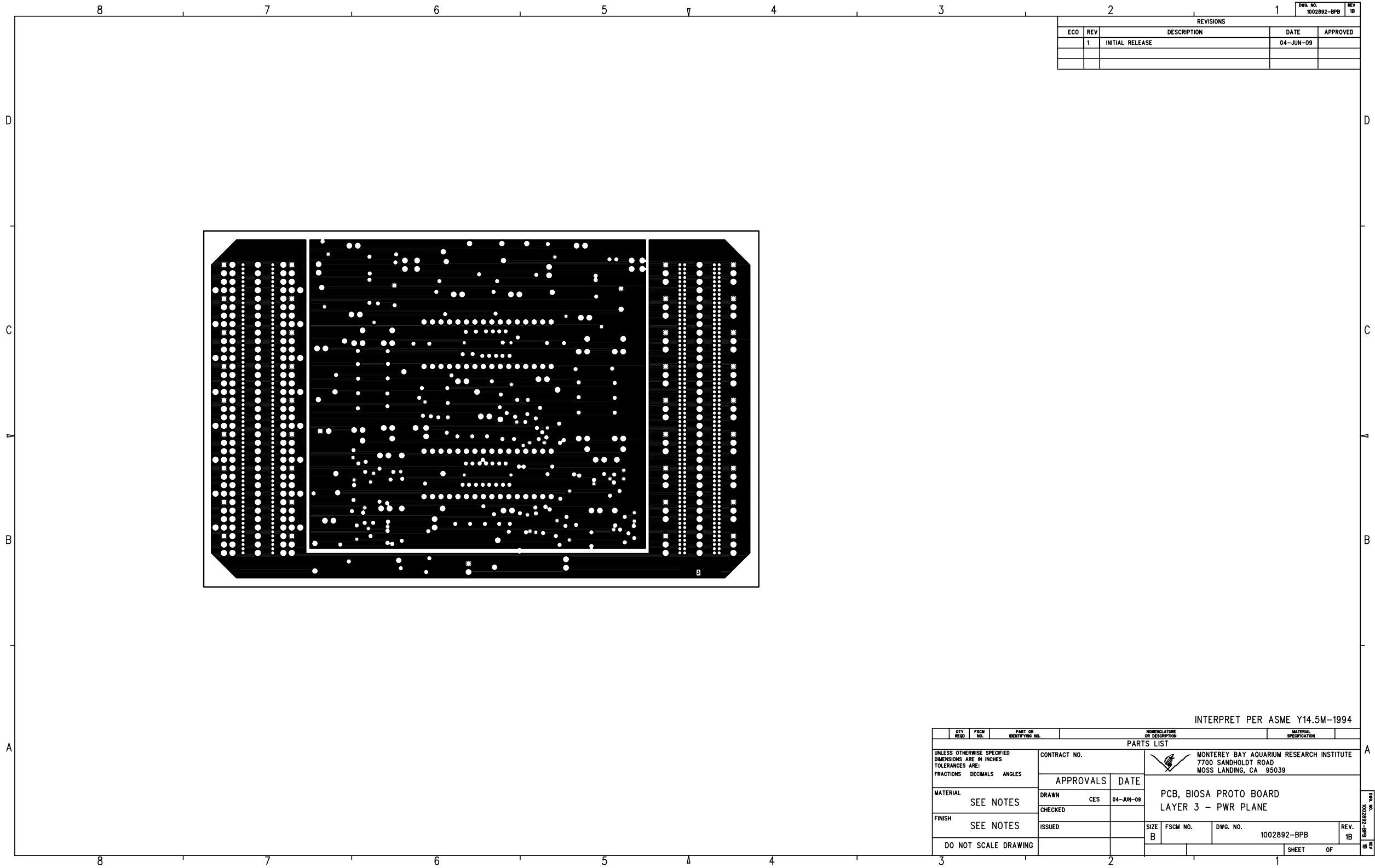


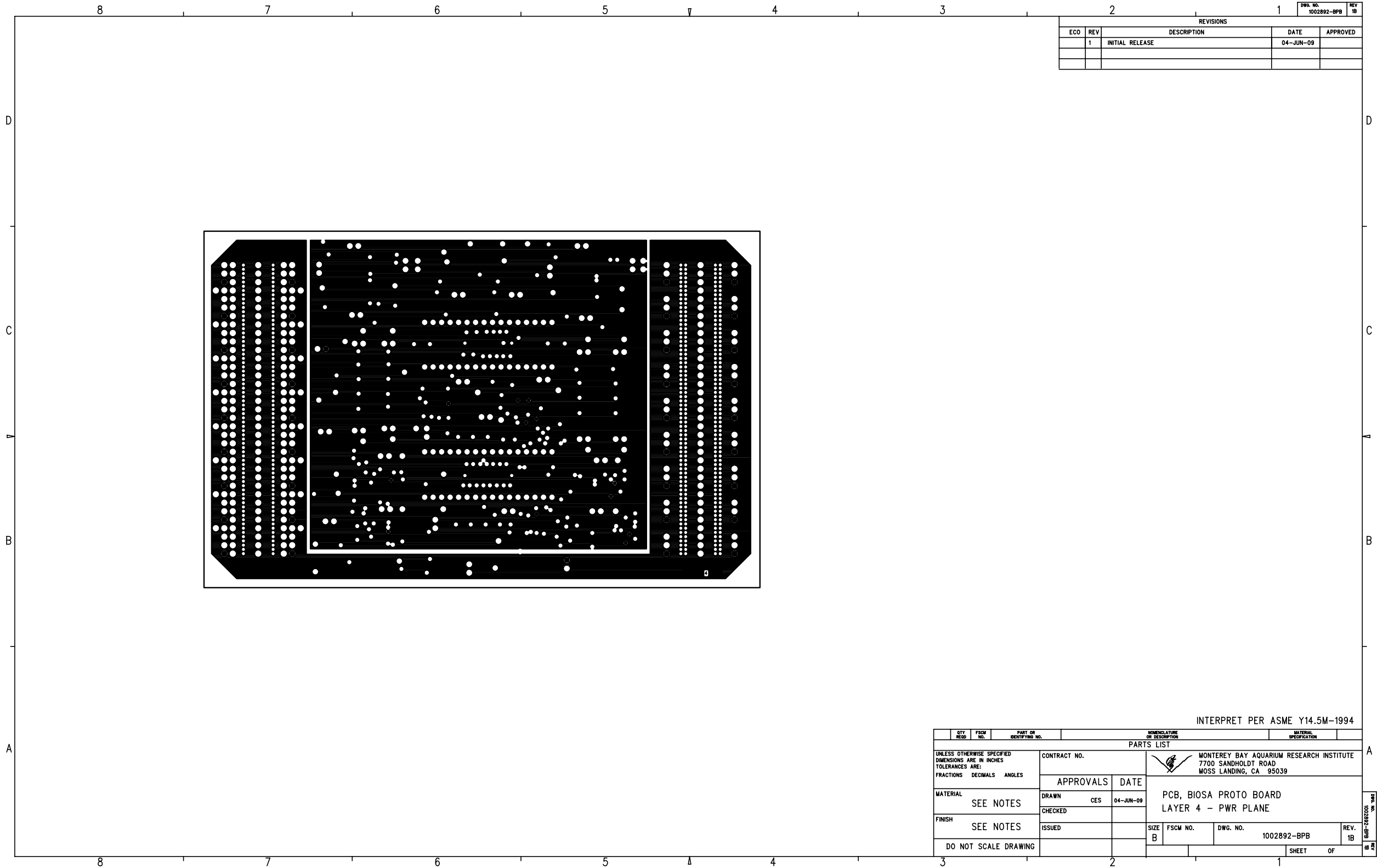
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		1	INITIAL RELEASE	04-JUN-09	

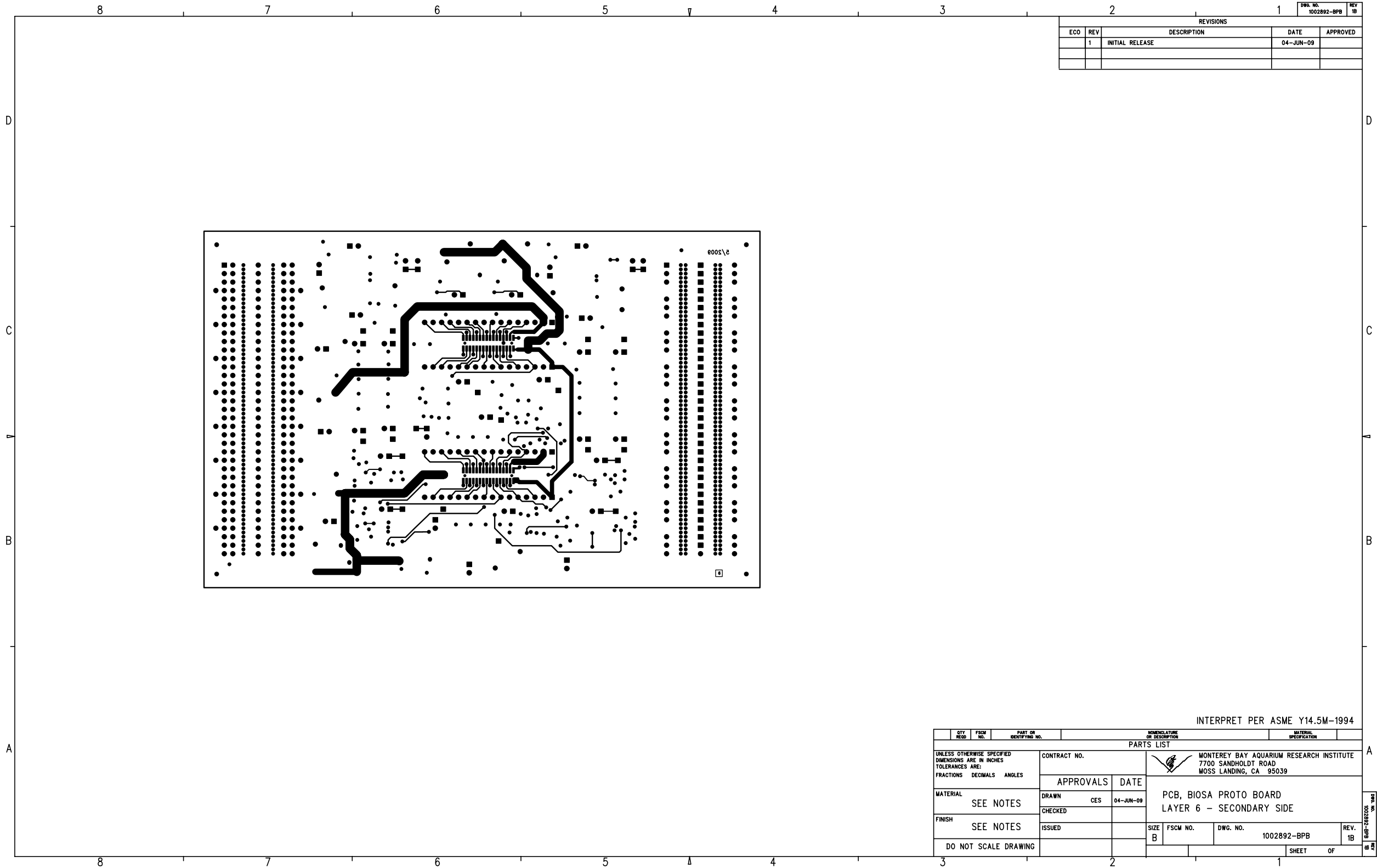
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES			CONTRACT NO.		 MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA 95039				
MATERIAL SEE NOTES			APPROVALS		DATE		PCB, BIOSA PROTO BOARD SECONDARY SILKSCREEN		
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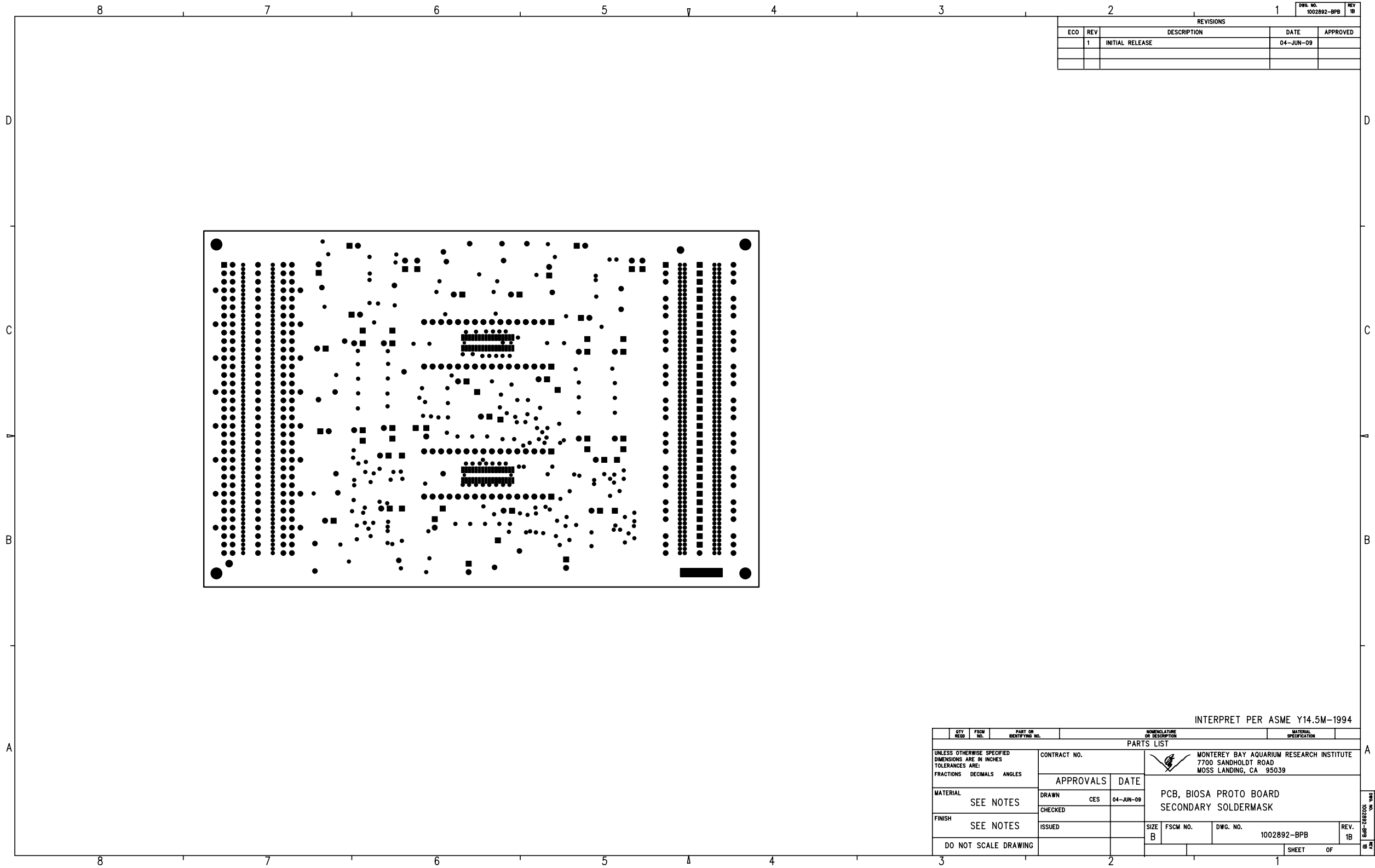












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7700 SANDHOLDT ROAD
MOSS LANDING, CA 95039

PCB, BIOSA PROTO BOARD
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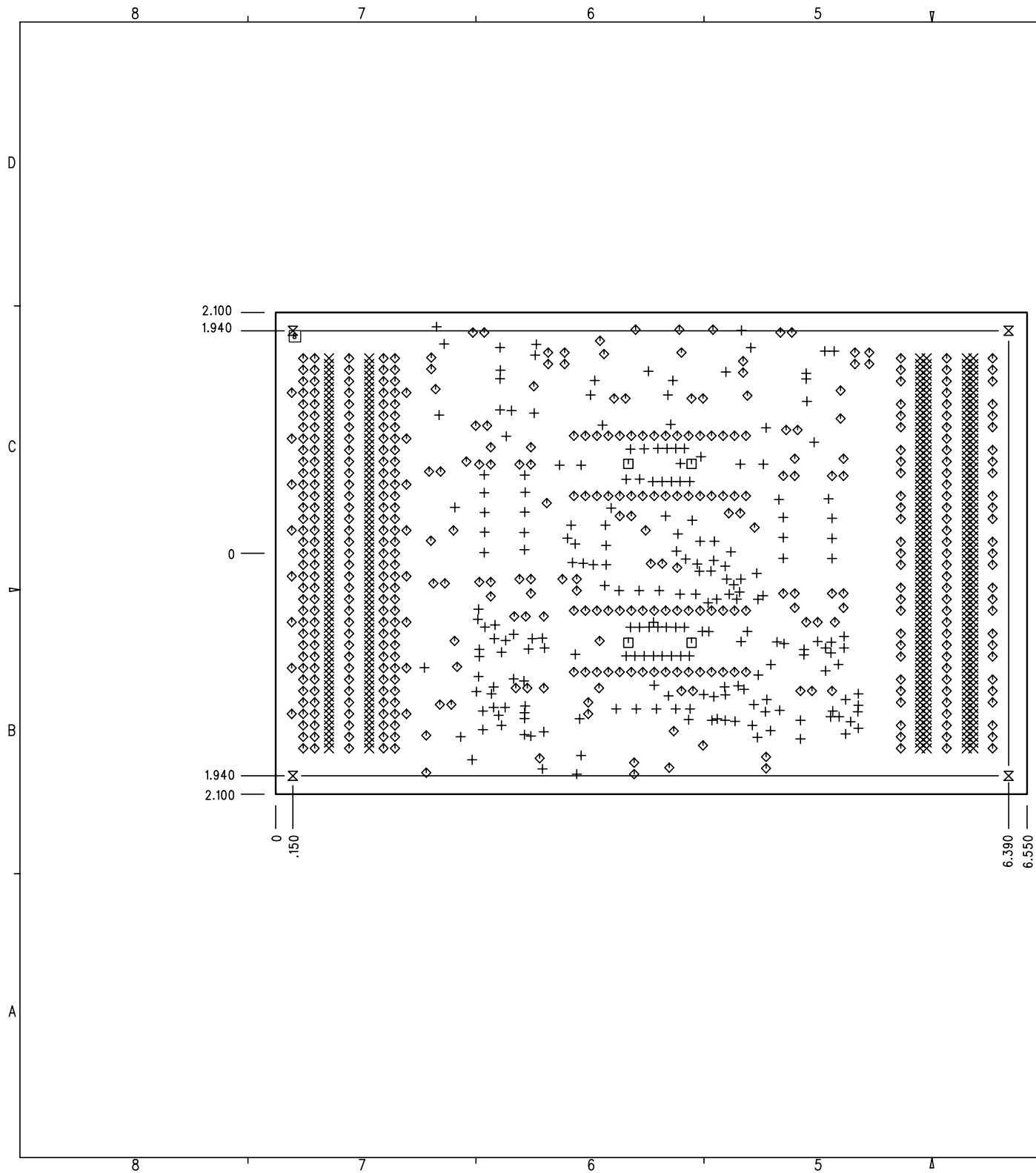
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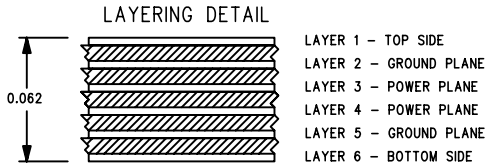
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		1	INITIAL RELEASE		04-JUN-09	



FINISHED HOLE SIZES
(IN CASE OF CONFLICT DRILL FILE TAKES PRECEDENCE)

SIZE (MILS)	QTY	SYM	PTLD	TOL (INCH)
20	218	+	P	+/-0.003
25	414	X	NP	+/-0.003
30	4	□	NP	+/-0.003
37	455	◇	P	+/-0.003
125	4	⊗	NP	+/-0.003

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 SOLDER MASK OVER BARE COPPER (SMOBC).
5. OUTER LAYERS TO BE 2 OZ. COPPER, FINISHED.
INNER LAYERS TO BE 1 OZ. COPPER, FINISHED.
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 PER LAYUP DETAIL..
1. TOLERANCE: XX=+/-0.03; XXX=+/-0.010.

NOTE: UNLESS OTHERWISE SPECIFIED

INTERPRET PER ASME Y14.5M-1994										
QTY REQD		FSCM NO.	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION			MATERIAL SPECIFICATION		
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MATERIAL SEE NOTES			APPROVALS		DATE		PCB, BIOSA PROTO BOARD DRILL DRAWING			
			DRAWN CES		04-JUN-09					
FINISH SEE NOTES			CHECKED				B			
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