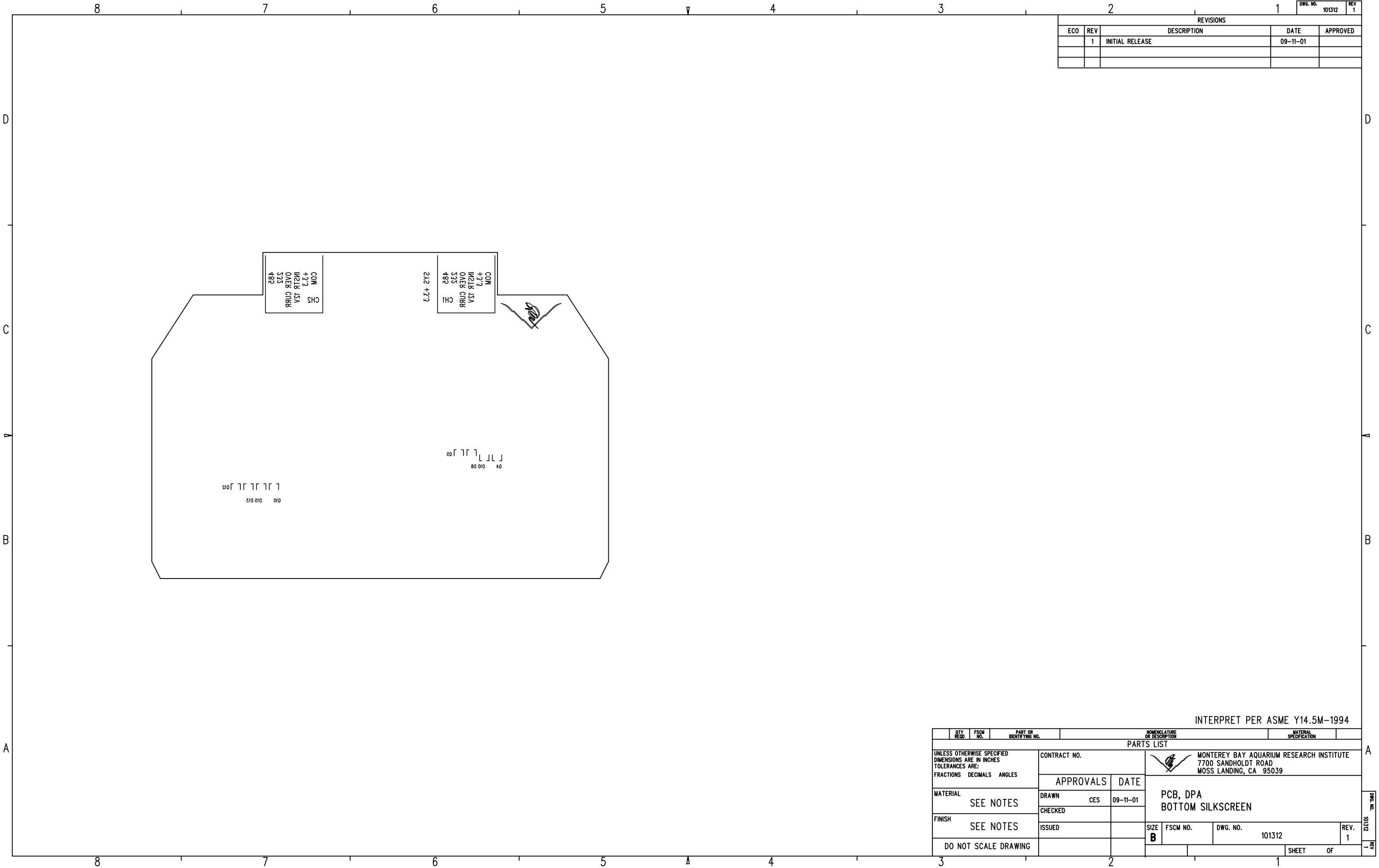
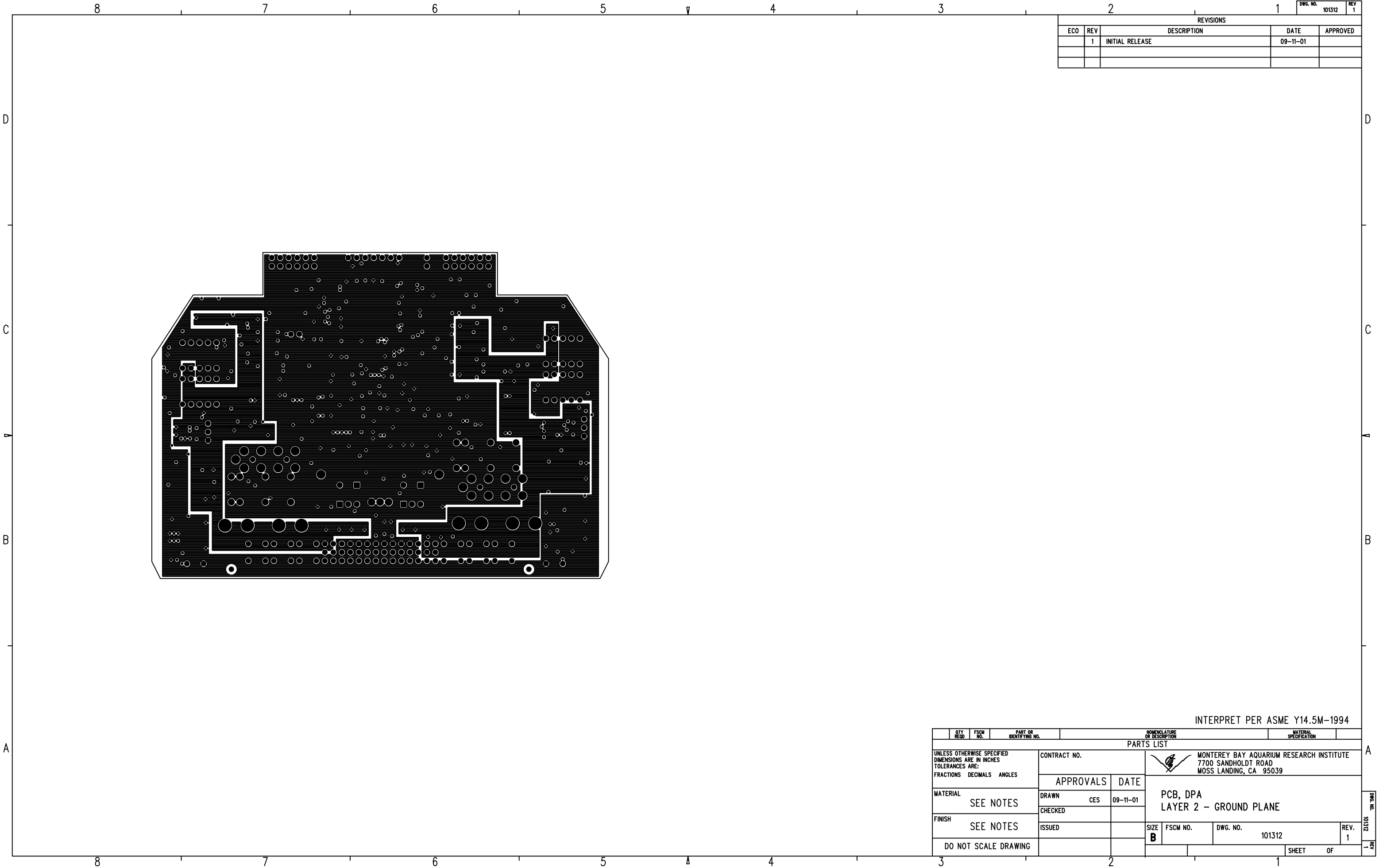
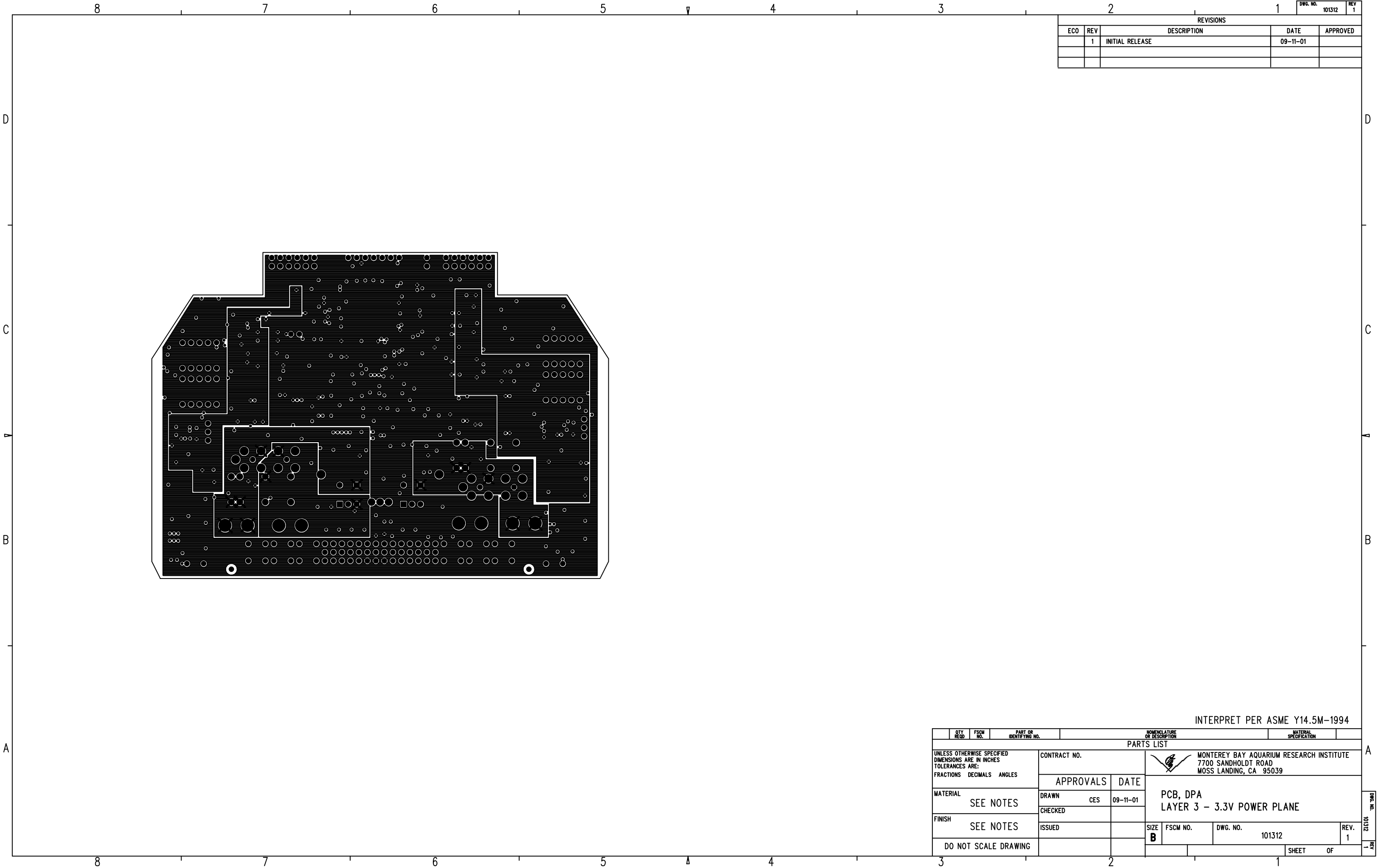


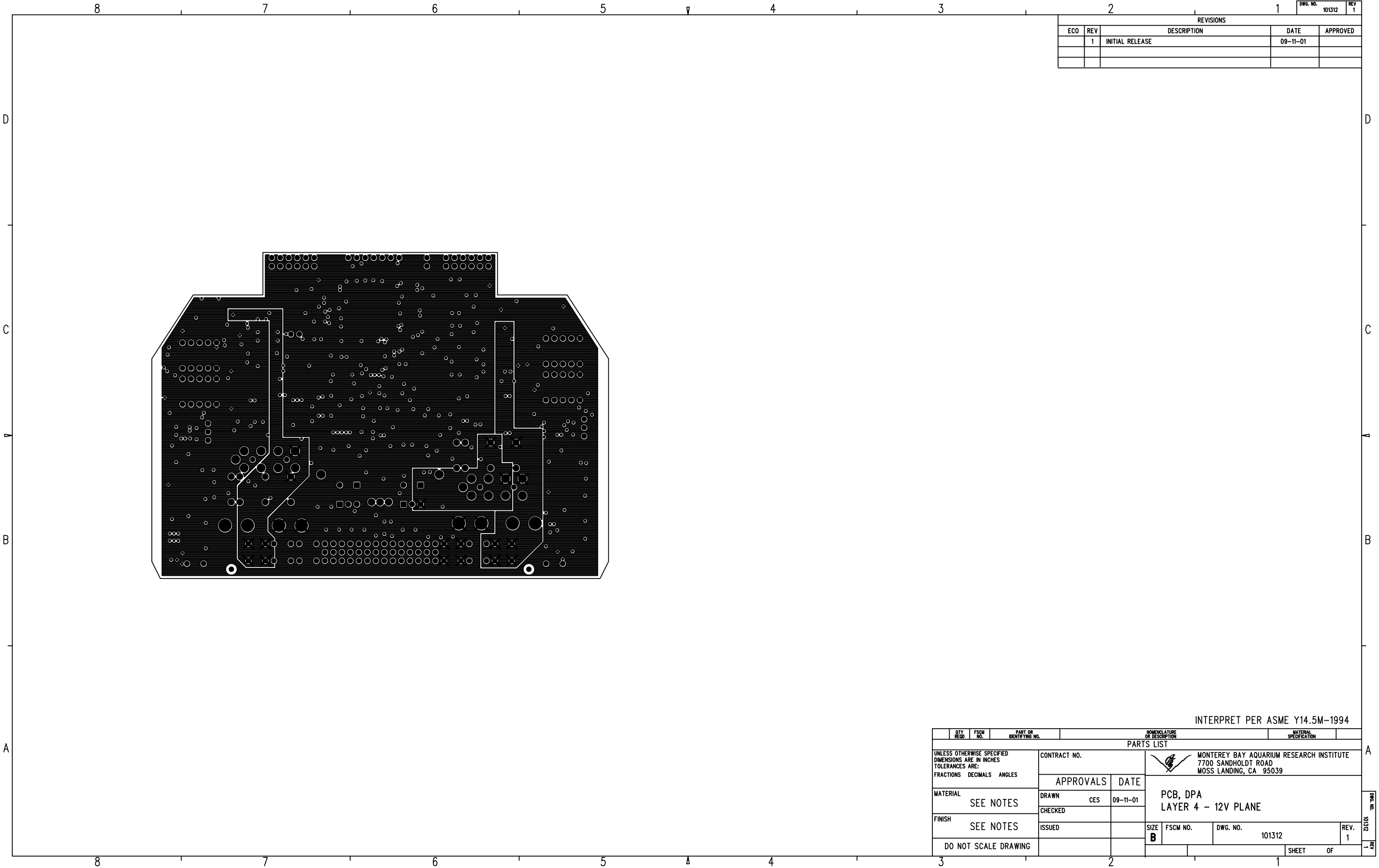




REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1	INITIAL RELEASE	09-11-01	

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			CONTRACT NO.		 MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA 95039								
			APPROVALS							DATE			
			MATERIAL SEE NOTES		DRAWN CES		09-11-01		PCB, DPA LAYER 2 – GROUND PLANE				
					CHECKED								
FINISH SEE NOTES		ISSUED		SIZE FSCM NO. DWG. NO. REV.									
				B									







REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1	INITIAL RELEASE	09-11-01	

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PARTS LIST													
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				APPROVALS		DATE		PCB, DPA LAYER 5 – 12V RET PLANE					
				DRAWN CES		09–11–01							
MATERIAL SEE NOTES				CHECKED									
FINISH SEE NOTES				ISSUED									
DO NOT SCALE DRAWING						SIZE B		FSCM NO.		DWG. NO.		REV.	
										101312		1	
								SHEET		OF			

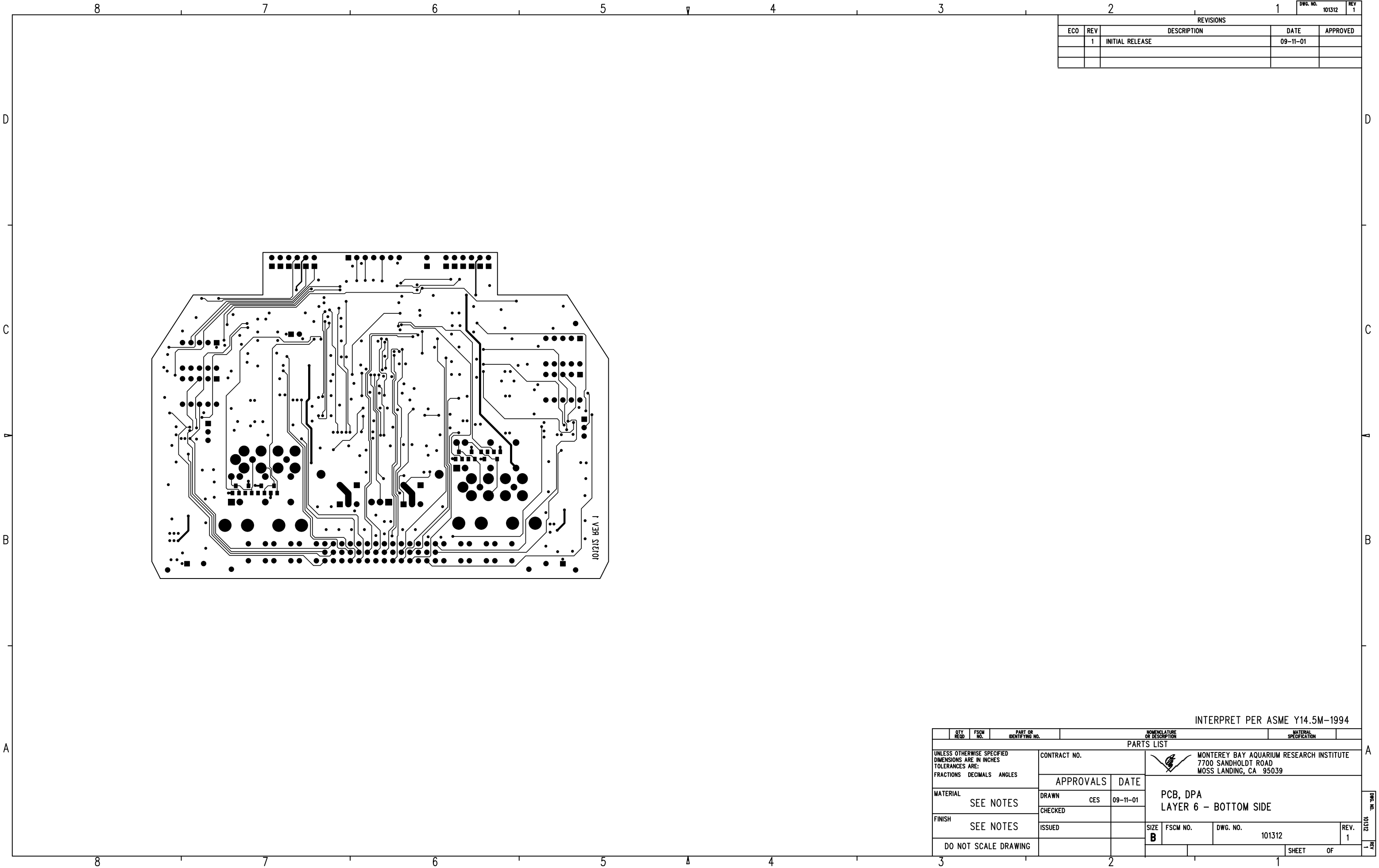
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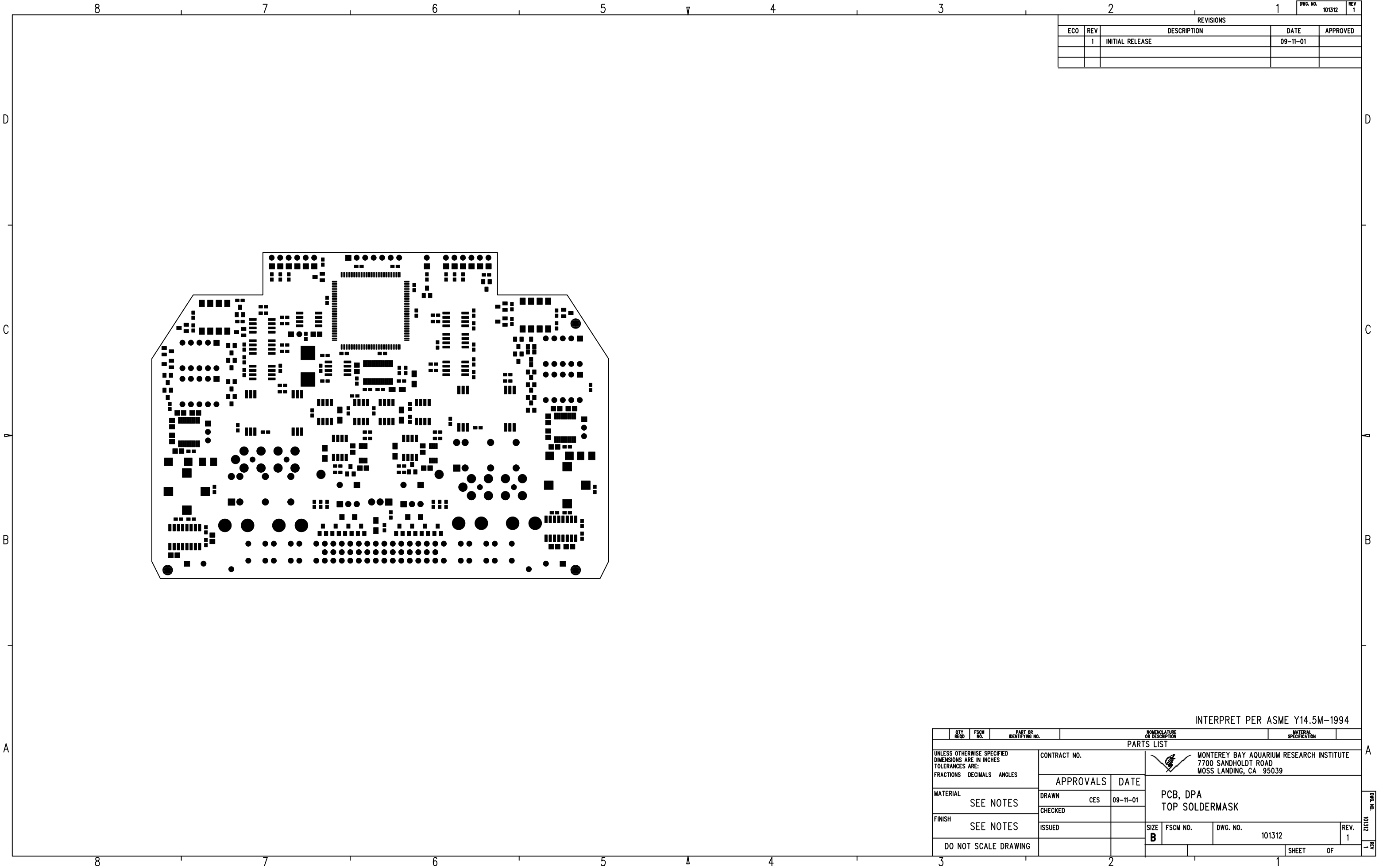
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REV

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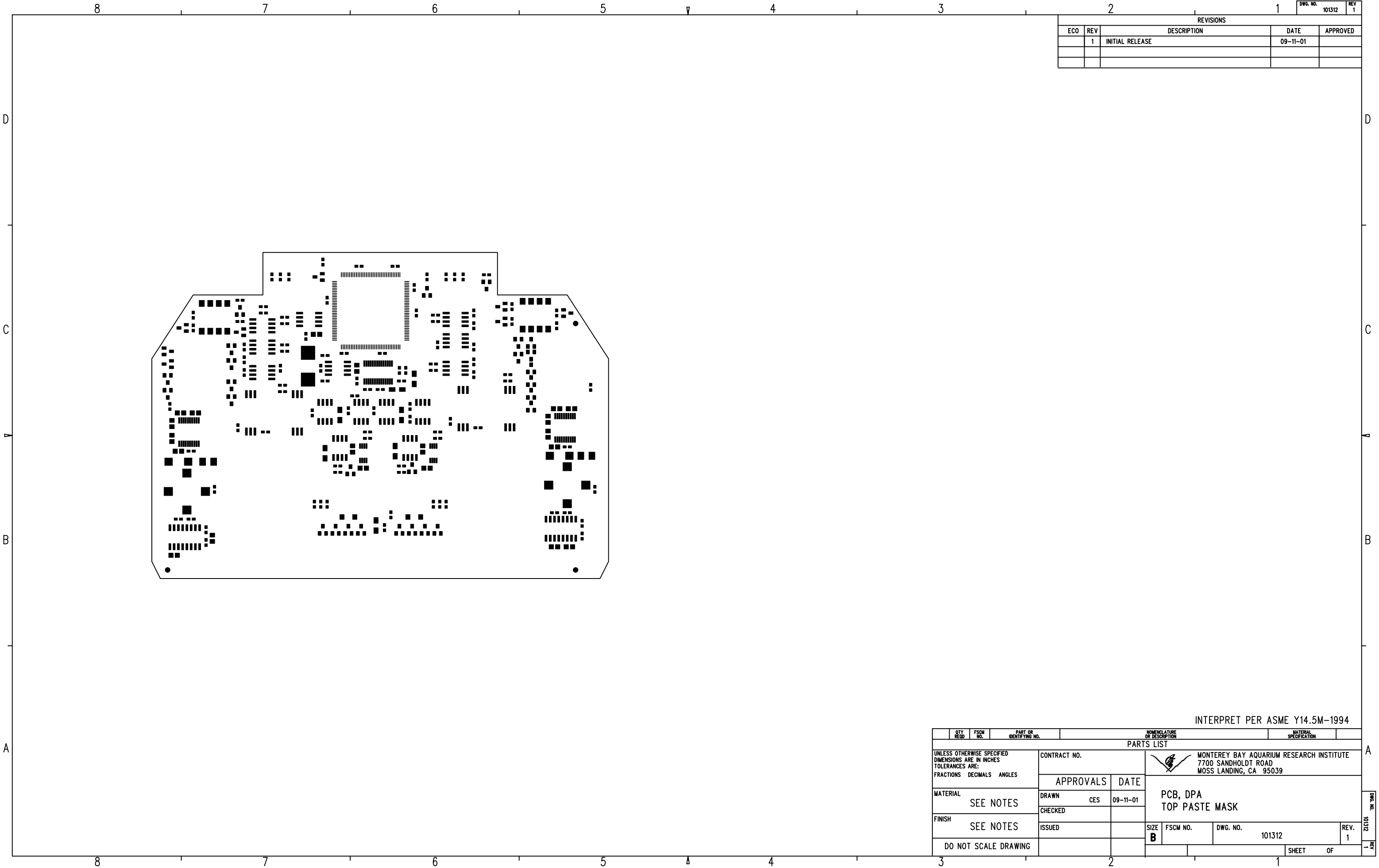
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ECO		REV	DESCRIPTION		DATE	APPROVED
		1	INITIAL RELEASE		09-11-01	

QTY REQD		FSCM NO.		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION				MATERIAL SPECIFICATION			
PARTS LIST													
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MATERIAL SEE NOTES				DRAWN		CES		09-11-01		PCB, DPA TOP SOLDERMASK			
				CHECKED									
FINISH SEE NOTES				ISSUED						SIZE B			
DO NOT SCALE DRAWING										FSCM NO.		DWG. NO.	
										101312		REV. 1	
										SHEET		OF	



REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1	INITIAL RELEASE	09-11-01	

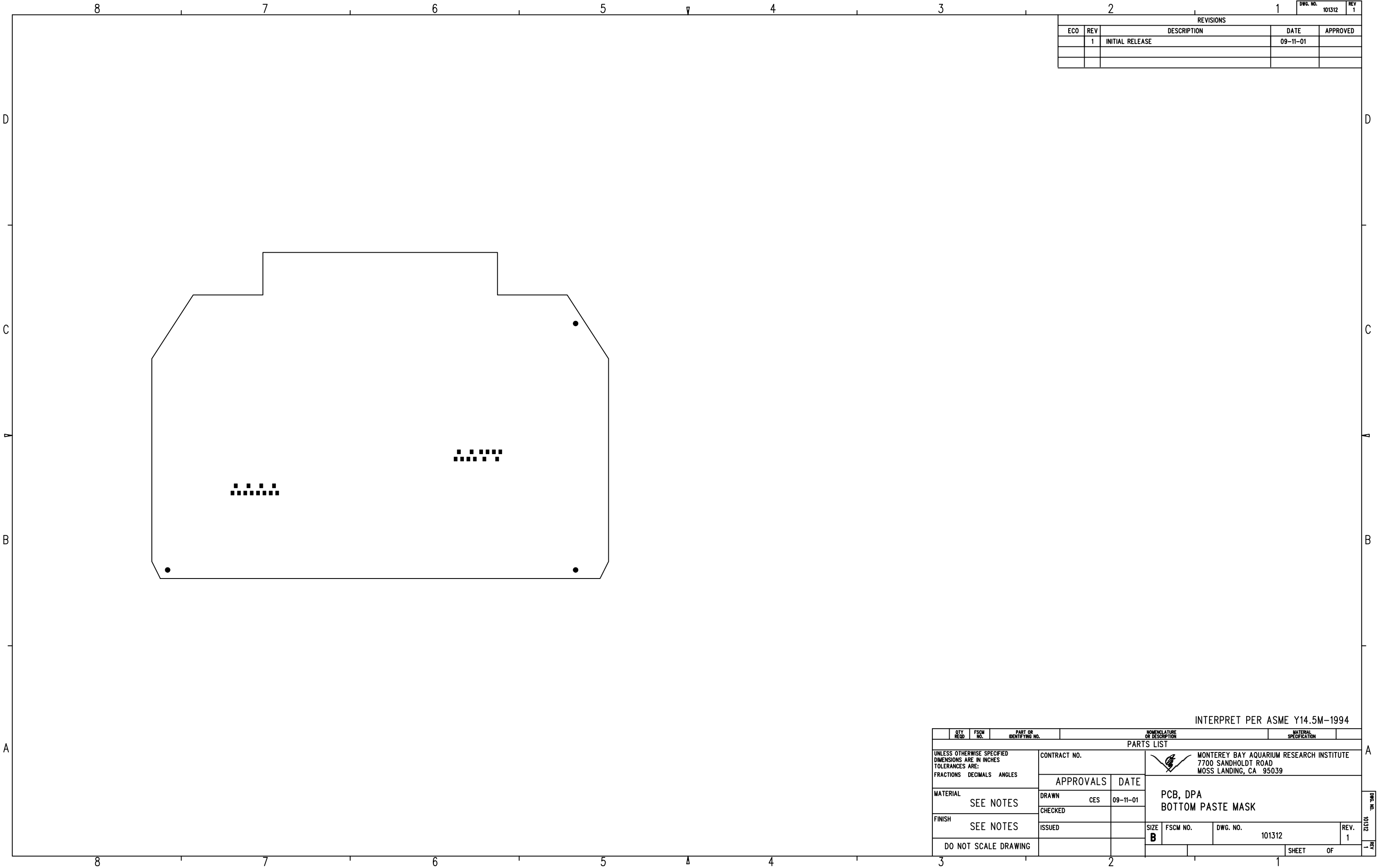
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PARTS LIST													
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES				CONTRACT NO.		 MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA 95039							
MATERIAL SEE NOTES				APPROVALS		DATE		PCB, DPA TOP PASTE MASK					
				DRAWN CES		09-11-01							
FINISH SEE NOTES				CHECKED				SIZE B FSCM NO. DWG. NO. 101312 REV. 1					
				ISSUED									
DO NOT SCALE DRAWING								SHEET OF					

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101312

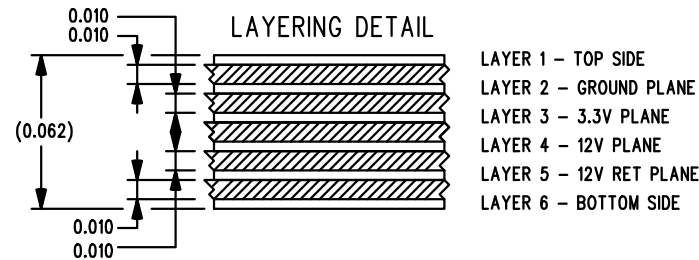
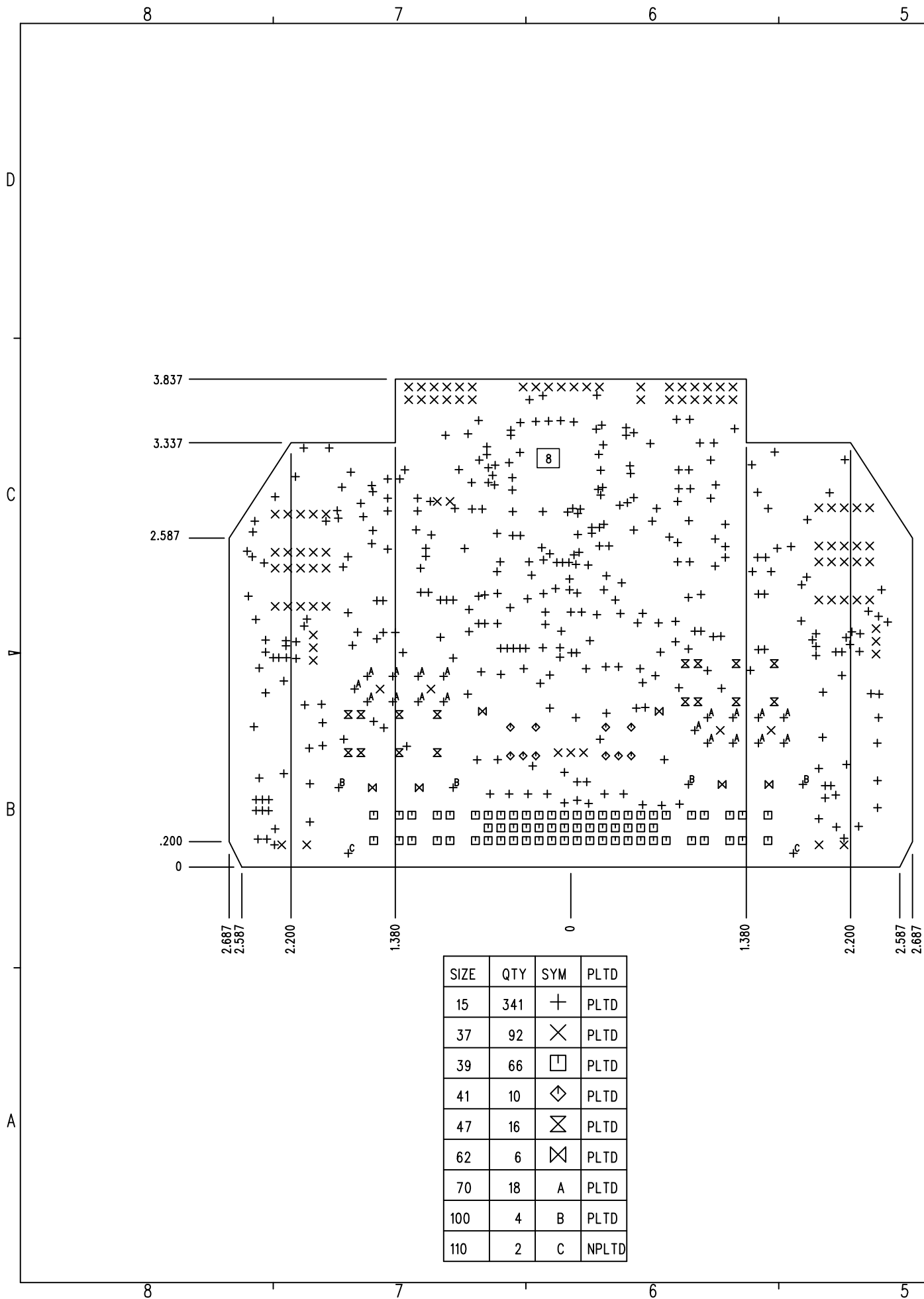
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DWG. NO.



REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1	INITIAL RELEASE	09-11-01	

QTY REQD		FSCM NO.		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION				MATERIAL SPECIFICATION					
PARTS LIST										A					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES				CONTRACT NO.		 MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLTZ ROAD MOSS LANDING, CA 95039						Dwg. No. 101312			
MATERIAL SEE NOTES				APPROVALS		DATE		PCB, DPA BOTTOM PASTE MASK						REV. 1	
FINISH SEE NOTES				DRAWN CES		09-11-01		SIZE B FSCM NO. DWG. NO. 101312 REV. 1						SHEET OF 1	
				CHECKED											
DO NOT SCALE DRAWING				ISSUED											



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.
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. SIGNAL LAYERS TO BE 1 OZ. COPPER.
PLANE LAYERS TO BE 2 OZ. COPPER.
4. SILK SCREEN LEGEND TO BE WHITE, NON-CONDUCTIVE EPOXY INK.
3. 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 0.062 +/-0.007.
1. TOLERANCE: XX=+/-0.03; XXX=+/-0.010.

INTERPRET PER ASME Y14.5M-1994

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MATERIAL		APPROVALS	DATE	
FINISH		DRAWN	CES	
DO NOT SCALE DRAWING		CHECKED		
SEE NOTES		ISSUED		PCB, DPA DRILL DRAWING
SIZE B		FSCM NO.	DWG. NO. 101312	REV. 1
SHEET		OF		