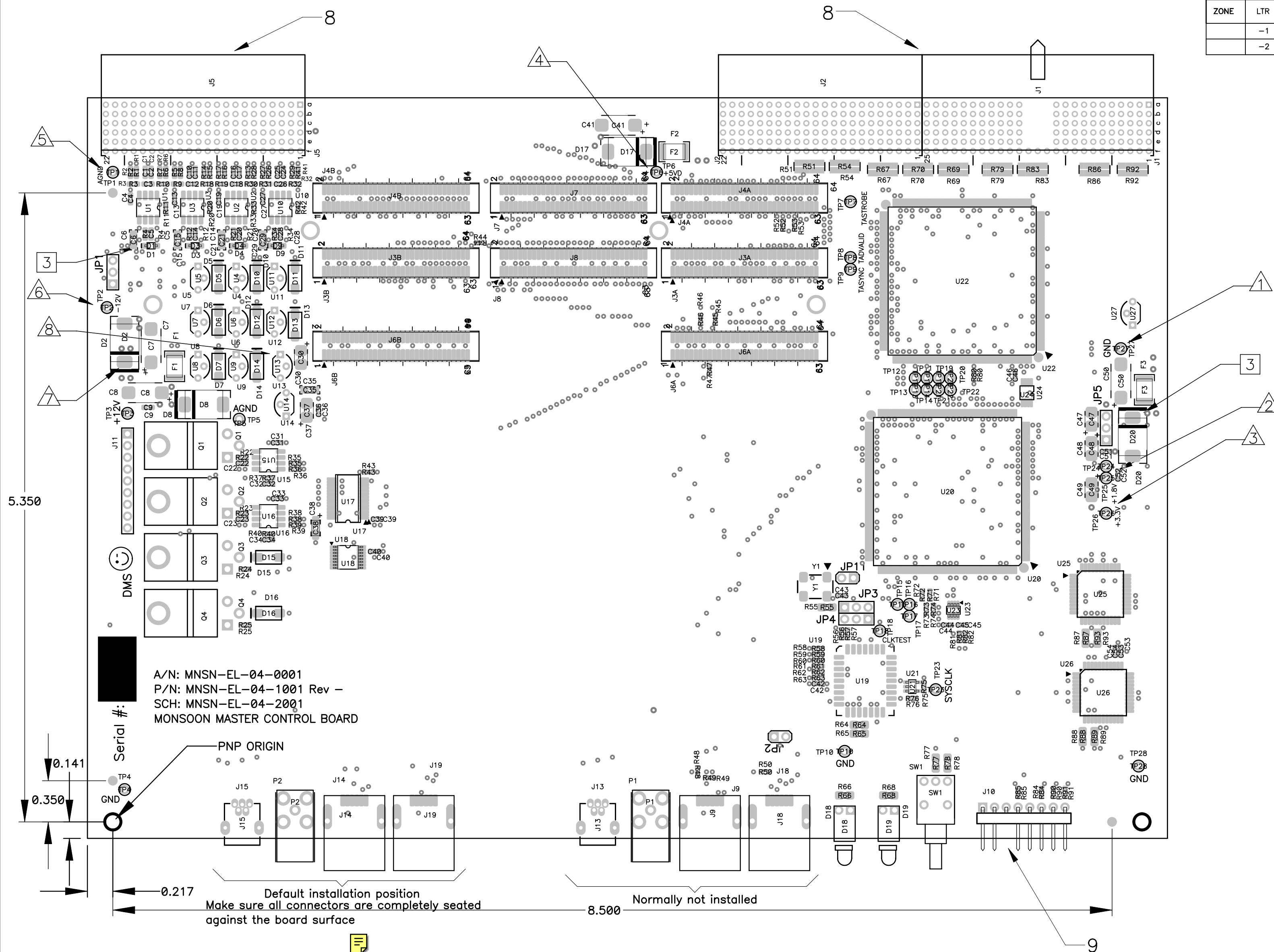


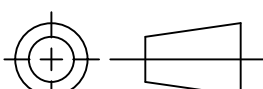
REVISIONS						
ZONE	LTR	REVISIONS	ECR	DATE	BY	APRV
	-1	Add R181 and R182 to bottom of board, note 7	mnsn-0100	27may04	dms	pcrn
	-2	Add notes 8, 9, Views A & B	devel MNSN-0101	18AUG04	dms	pcrn



ASSEMBLY
TOP

NOTES:

1. Before installing any components check all boards using an ohm meter to verify open circuit between all power and ground nodes. Check all triangles, (labeled 1–8) for shorts between them.
2. All polarized caps are marked with a plus (+) sign on the positive node.
3. All diodes have a bar marking the cathode side.
4. All holes and lands of uninstalled components shall be kept free of solder.
5. Trim leads on bottom of board $\leq .079$ inches tall.
6. Fiducial dimensional locations apply to both the top and the bottom of the board.
7. Add R181 and R182 to bottom of the board. Solder one side of R181 directly to TP15 use a wire to connect the other side to a +3.3VD via. Solder one side of R182 directly to U30–5, use a wire to connect the other side to a +3.3VD via. Lines shown between component and via represent the wiring connection.
8. Leads of cPCI connectors J1, J2 & J5, are to be soldered.
9. Cut pin 3 of J10 for keying.

QTY REQ'D		PART OR IDENTIFYING NO		ITEM DESCRIPTION				ITEM NO	
TOLERANCES UNLESS OTHERWISE NOTED .XX ± .03 ANGULAR .XXX ± .010 ±.5°				 THIRD ANGLE PROJECTION		NATIONAL OPTICAL ASTRONOMY OBSERVATORIES OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY UNDER COOPERATIVE AGREEMENT WITH NATIONAL SCIENCE FOUNDATION			
DO NOT SCALE DRAWING				NAME ASSEMBLY MONSOON MASTER CONTROL			USED ON MONSOON		REF
NEXT ASSEMBLY MNSN-EL-10-0400-001							DWG SIZE C		REV -2
REFER TO SCHEMATIC MNSN-EL-04-2001									
SCALE: FULL		DESIGNED BY P. MOORE		DATE JAN04	CHECKED BY	DATE	DWG NO MNSN-EL-04-0001		
DWG PRODUCED USING PCAD2001		DRAWN BY Dee Stover		DATE 23FEB04	APPROVED BY	DATE	RELEASED	SHEET 1 OF 2	

