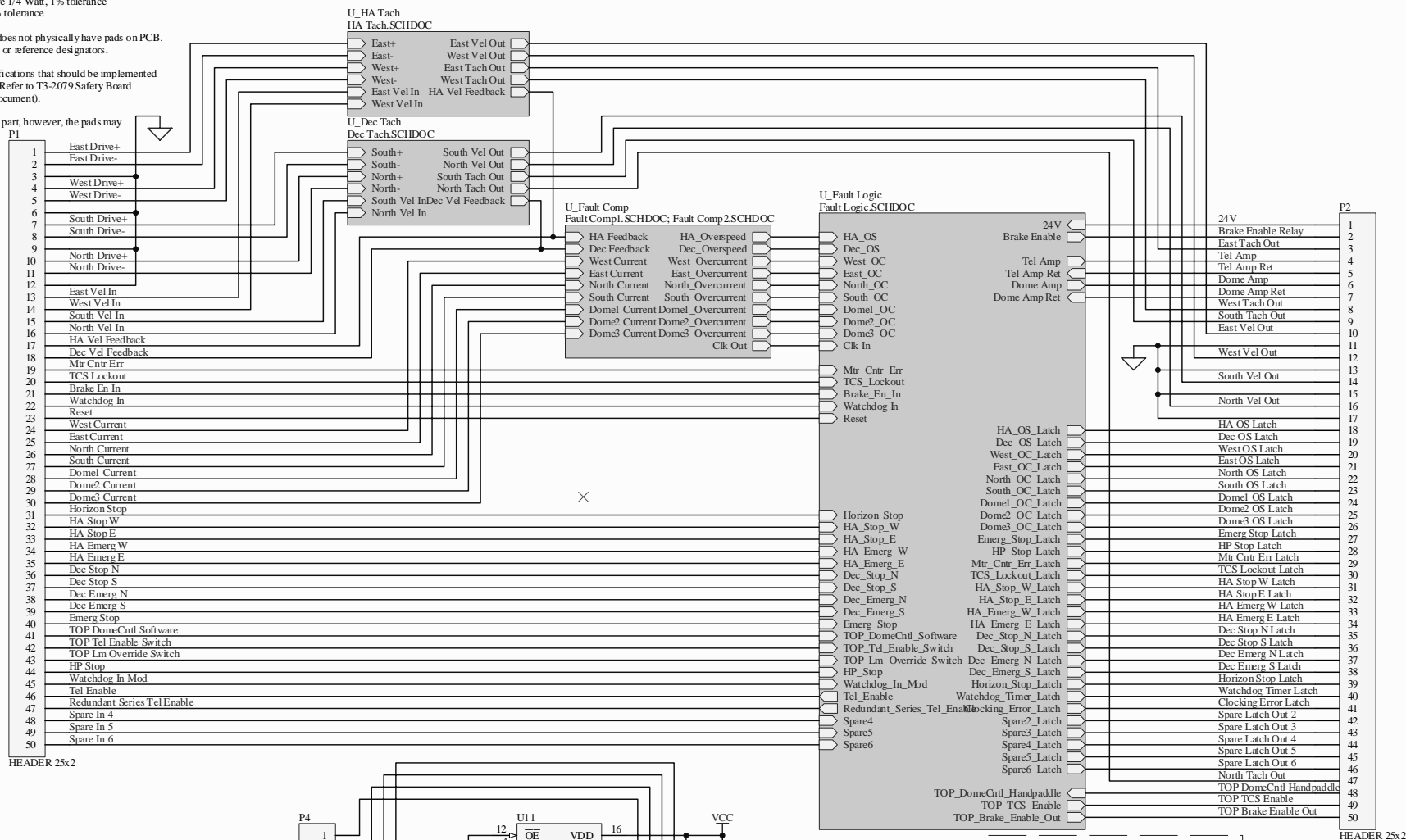


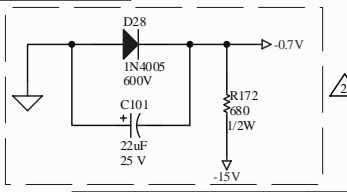
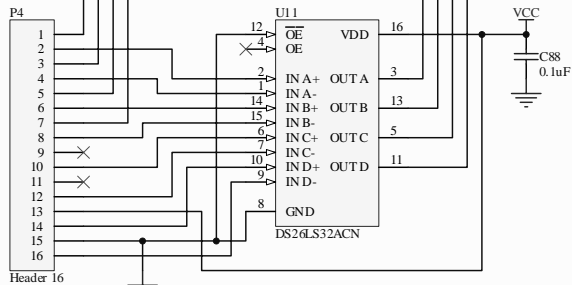
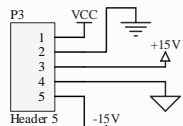
NOTES:

- Unless otherwise stated:  
Resistors have units of ohms, are 1/4 Watt, 1% tolerance  
Capacitors are 50V, 5 % or 10% tolerance
- Green wire modification. Part does not physically have pads on PCB.  
Artwork does not contain traces or reference designators.
- There are multiple design modifications that should be implemented if a new layout is ever created. Refer to T3-2079 Safety Board HDD (Hardware Description Document).
- Modification. Pads on PCB part for, however, the pads may may have been for a different component /designator.
- Do not install (DNI).

REV	DESCRIPTION	DATE	BY
- to B	Released board for manufacturing.	2006	F. KESKE
C	Modified board for use in TCS3.	4-02-08	EAW



P1-45,46,47 should not be connected to anything externally. These pins connect to traces that were used for modifications on the Safety Board.



Title Safety Top		Engineer Fred Keske	UH - Institute for Astronomy
Size: B	Number: TCS3-2070	Revision: C	640 N. Aohoku Place Hilo, HI 96720 USA
Date: 4/16/2008	Time: 8:22:13 AM	Sheet 1 of 6	
File: Z:\TCS\Safety Board Schematics\PL_CCA\Safety Board Rev C\Protel_SchDoc			