



- NOTES:
1. CONTROLLER POWERED OFF OF 24V SUPPLY
  2. ENCODER POWERED VIA GALIL ENCODER SUPPLY – NOT ISO5V
  3. STEPPER MOTOR DRIVE SIGNALS REMOVED FROM SIGNAL CABLE NOW IN SHIELDED CABLE TIED TO SIGNAL CABLES

**USER FILTER: SHEET 2**  
**POLARIMETER: SHEET 3**

REVISIONS [http://loel.ucolick.org/manual/KAST/schematics/KAST\\_User\\_Filter\\_Polarimeter\\_sh\\_1.pdf](http://loel.ucolick.org/manual/KAST/schematics/KAST_User_Filter_Polarimeter_sh_1.pdf)

- 06-27-06 REV. B - TRANSALTED INTO PCAD, UPGRADE TO GALIL CONTROLLER
- 01-24-08 UPDATED TO GALIL DMC-4000 CONTROLLER
- 04-21-08 ADDED TWISTED PAIRS
- 02-03-09 ADDED INPUT 16 TO SIGNAL THAT THIS IS THE TOP CONTROLLER
- 02-05-09 REDREW TO SHOW INTERNAL STAGE CABLE
- 02-13-09 ADDED I.D. BIT LABEL TO WAVEPLATE STAGE BY GROUNDING PIN 27.
- 09-04-09 ADDED PIN DESIGNATIONS ON GALIL STEPPER MOTOR DRIVER

UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		USER FILTER / POLARIMETER KAST SPECTROGRAPH	
DES'N BY: T. Ricketts, B. Alcott	ORIGIN DATE: 06-07-06	DWG. NO.	NUM. 1 OF 3
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