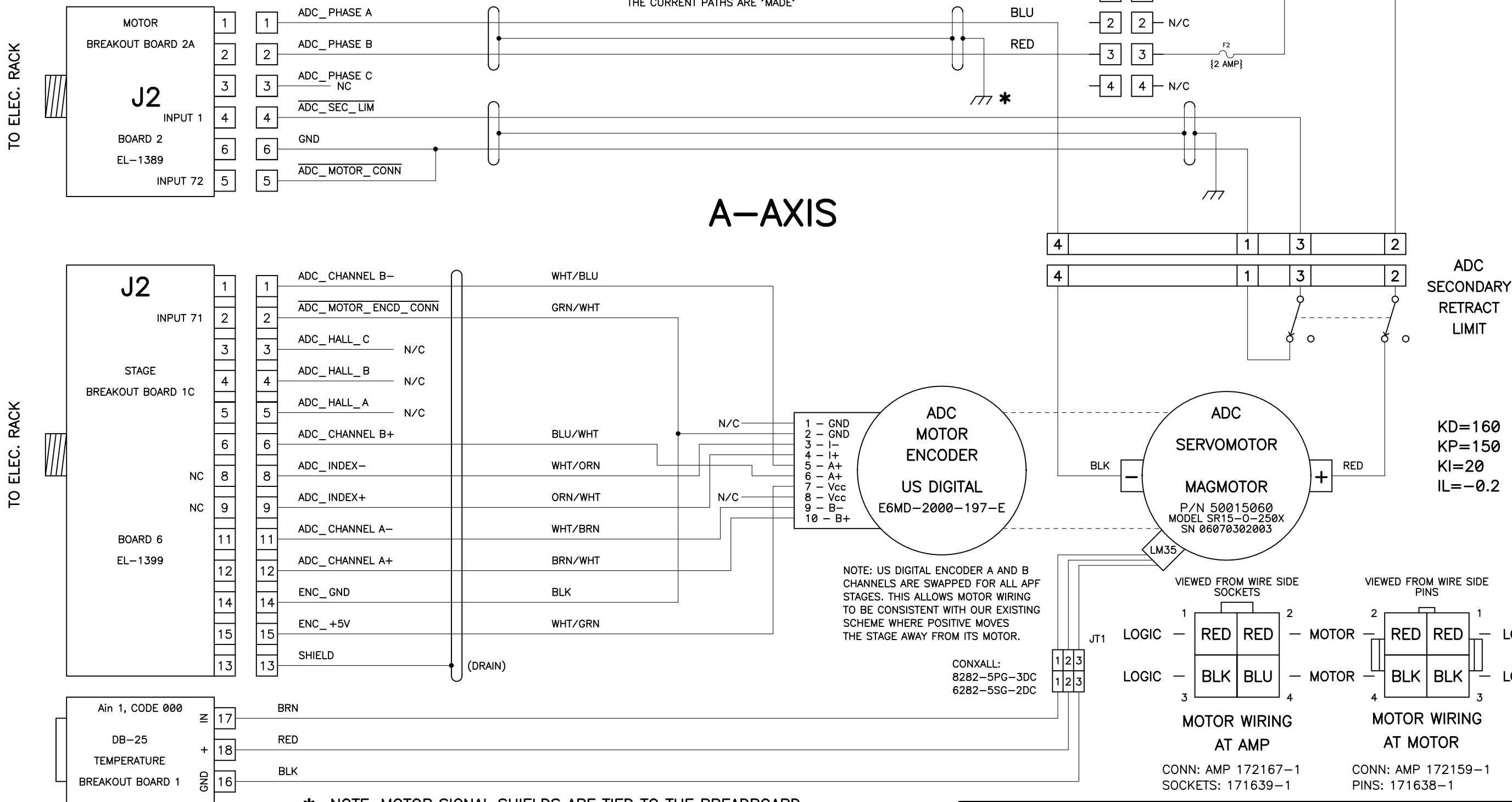


\*NOTE: SECONDARY LIMIT SWITCHES ARE USED WITH THE ROLLER NORMALLY DEPRESSED. THIS DIAGRAM REFLECTS THE CONNECTIONS TO THE SWITCH - NC, NO, AND COM. IN USE, THE CURRENT PATHS ARE 'MADE'



\* NOTE: MOTOR SIGNAL SHIELDS ARE TIED TO THE BREADBOARD ENTRY PANEL FLOATS.

UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		ADC STAGE APF SPECTROMETER	
DES'N BY: B. Alcott	ORIGIN DATE: 02-09-04	DWG. NO.	NUM. 2 OF 3
Last SN	MODIFY DATE: 05-27-11	EL-3511	REV. A
PRINT TIME: 11:27:58	PRINT DATE: Tue Nov 29, 2011		
PATH: APF\		APF_adc.sch	

REVISIONS [http://loel.ucolick.org/manual/Apf/schematics/APF\\_adc\\_sh\\_2.pdf](http://loel.ucolick.org/manual/Apf/schematics/APF_adc_sh_2.pdf)

10-11-07	REPLACED BRUSHLESS MOTOR WITH REGULAR BRUSHED SERVOMOTOR
01-06-08	UPDATED WIRE COLORS AND PINOUT FOR BRUSHED SERVO
01-30-08	ADDED SHIELDS TO MOTOR SIGNALS. ADDED CONNECTOR PART NUMBERS ON MOTOR CONNECTOR
02-13-08	ADDED TEMPERATURE SENSOR CONNECTOR
04-07-08	ADDED FUSE ON PANEL FOR SERVO-MOTOR
10-24-08	REMOVED UNUSED CONNECTOR BETWEEN STAGE BREAKOUT BOARD (EL1399) & THE U.S. DIGITAL ENCODER.
08-12-10	RE-ROUTED SECOND SECTION OF THE SECONDARY LIMIT THROUGH THE 4-PIN MOTOR POWER CONNECTOR - ALLOWS CABLE TO BE DISCONNECTED AT STAGE
05-27-11	CORRECTED TEMPERATURE SENSOR WIRING AND ADDED COLORS
11-28-11	ADDED INPUT BIT INFO