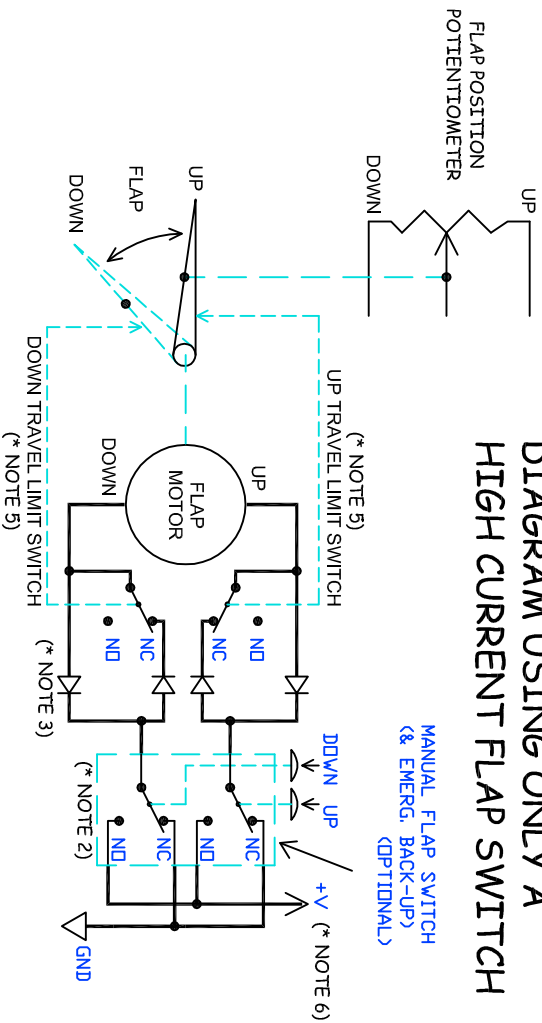


DIAGRAM USING ONLY A HIGH CURRENT FLAP SWITCH



- NOTES:
- 1) THICKER LINES DENOTE HIGHER CURRENT PATH FOR MOTORS & CHASSIS GROUND. SIZE WIRE FOR 10A MAX. #14AWG. ALL OTHER WIRES CAN BE #24AWG.
 - 2) THESE TWO SWITCHES OPERATE INDEPENDENTLY EVEN THOUGH THEY MAY BE IN ONE HOUSING. (Example: RoyAllen's RSI or their STICK GRIP switches) SWITCHES ARE [Single Pole, Double Throw, ON-NONE-(ON), Momentary] SEE OUR SWITCH DOCUMENTATION SHEET FOR SUBSTITUTING HAT SWITCHES, RELAYS, OR OTHER SWITCHES.
 - 3) SIZE THESE 4 DIODES FOR MAXIMUM MOTOR CURRENT.
 - 4) NOTE: RELAY PIN-OUTS WILL BE DIFFERENT FOR OUR 20A BOARDS. ALL OF OUR RELAY BOARDS ALSO HAVE PROTECTION FOR THE INDUCTIVE KICK BACK FROM THE MOTOR (NOT SHOWN).
 - 5) UP/DOWN TRAVEL LIMIT SWITCHES ARE SEPARATE SWITCHES CONNECTED TO THE END TRAVEL OF THE FLAPS
 - 6) USE +12V or +24V, WHAT IS APPROPRIATE FOR RELAY MODEL ORDERED.

DIAGRAM USING OUR 10A RELAY BOARD

