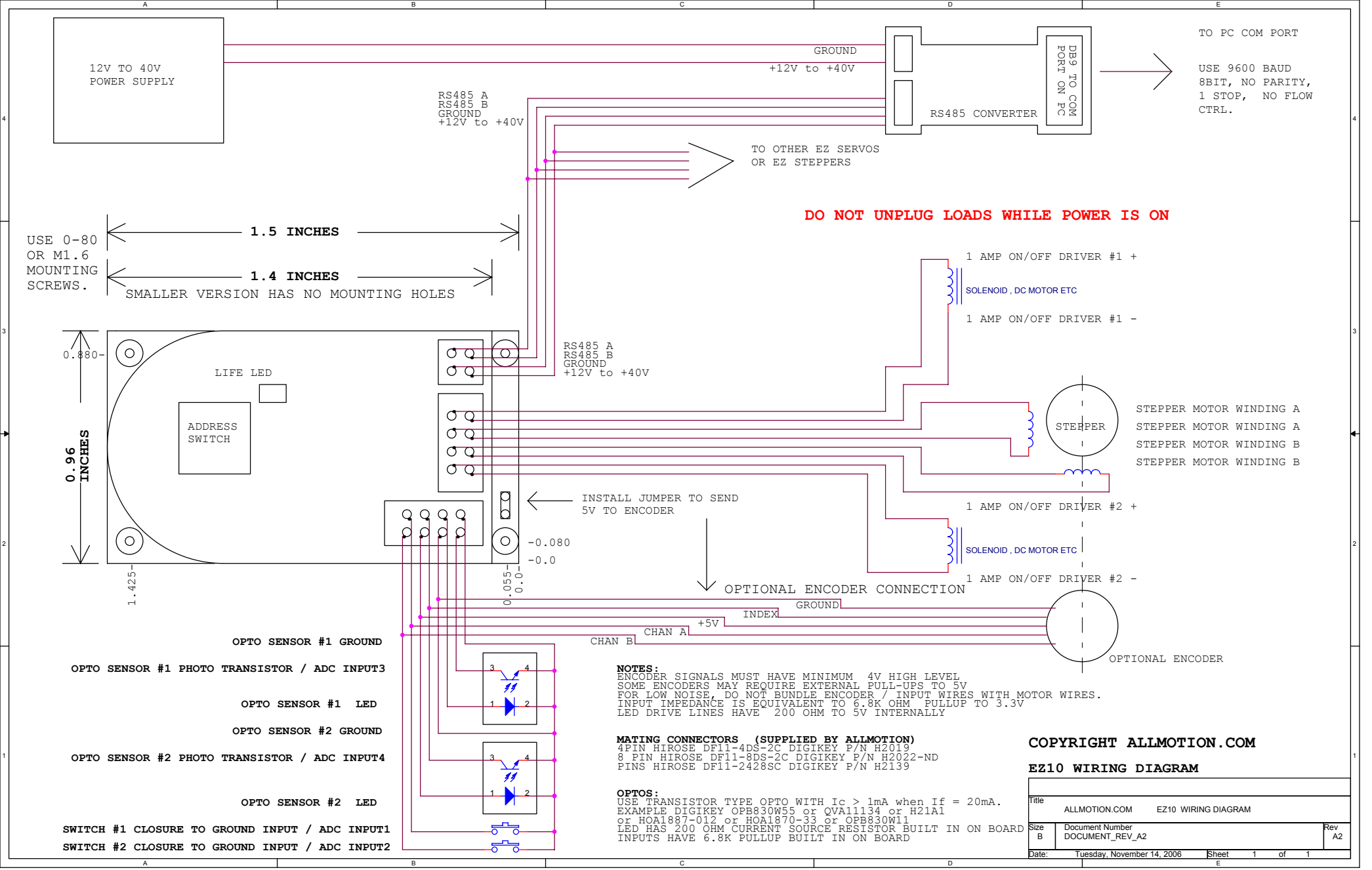

NOTES:
ENCODER SIGNALS MUST HAVE MINIMUM 4V HIGH LEVEL
SOME ENCODERS MAY REQUIRE EXTERNAL PULL-UPS TO 5V
FOR LOW NOISE, DO NOT BUNDLE ENCODER / INPUT WIRES WITH MOTOR WIRES.
INPUT IMPEDANCE IS EQUIVALENT TO 6.8K OHM PULLUP TO 3.3V
LED DRIVE LINES HAVE 200 OHM TO 5V INTERNALLY

MATING CONNECTORS (SUPPLIED BY ALLMOTION)
4PIN HIROSE DF11-4DS-2C DIGIKEY P/N H2019
8 PIN HIROSE DF11-8DS-2C DIGIKEY P/N H2022-ND
PINS HIROSE DF11-2428SC DIGIKEY P/N H2139

OPTOS:
USE TRANSISTOR TYPE OPTO WITH Ic > 1mA when If = 20mA.
EXAMPLE DIGIKEY OPB830W55 or QVA11134 or H21A1
or HOA1887-012 or HOA1870-33 or OPB830W11
LED HAS 200 OHM CURRENT SOURCE RESISTOR BUILT IN ON BOARD
INPUTS HAVE 6.8K PULLUP BUILT IN ON BOARD

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EZ10 WIRING DIAGRAM

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