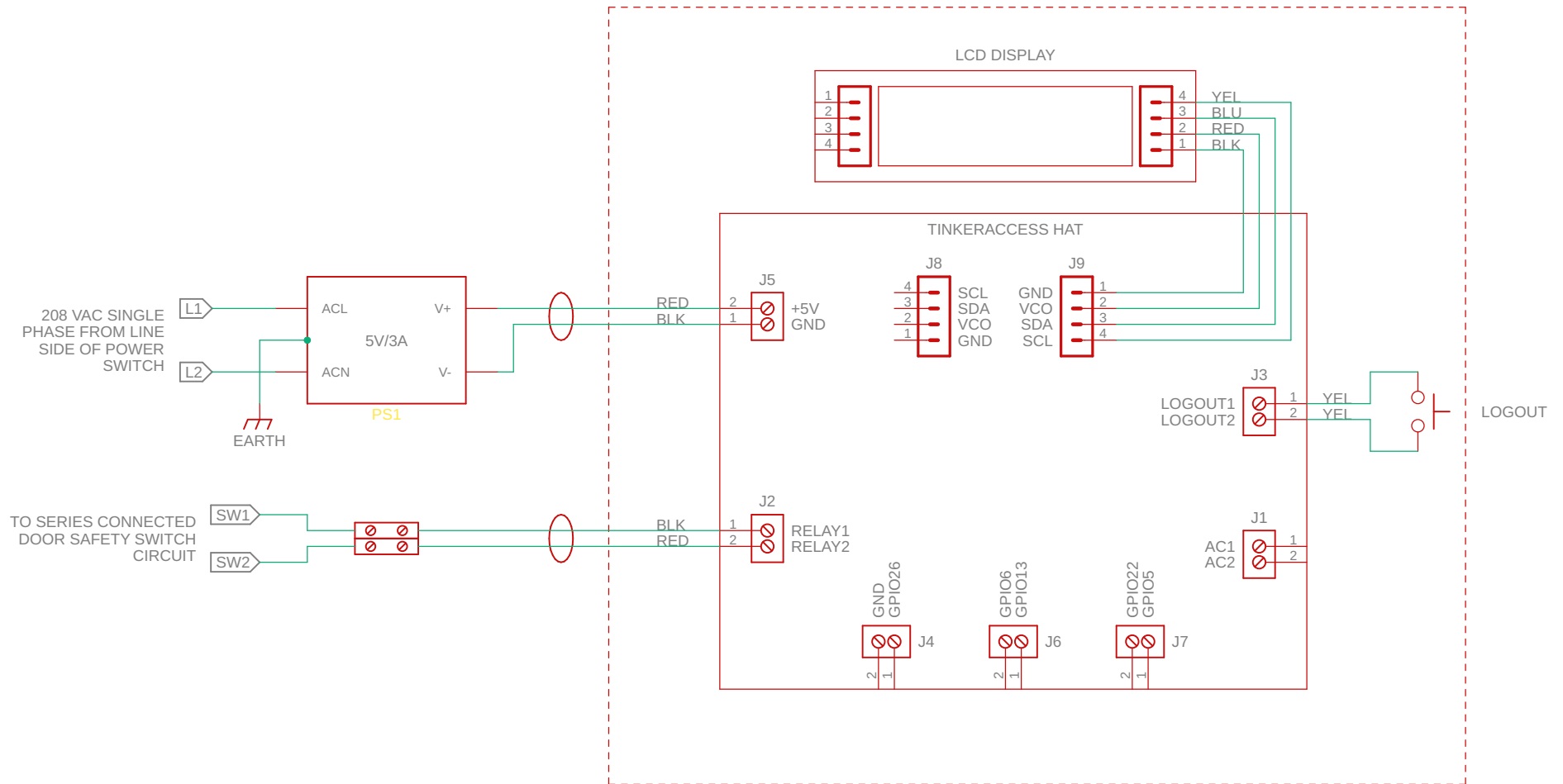


## TINKERACCESS ENCLOSURE



### NOTES:

- 1) THE RASPBERRY PI INPUTS ARE 3.3V AND NOT 5V TOLERANT. ENSURE INPUTS TO PI ARE AT APPROPRIATE LEVELS.
- 2) THE POWER SUPPLY FOR TINKERACCESS IS TAPPED OFF AHEAD OF THE LASER CUTTER POWER SWITCH, SO THAT TINKERACCESS IS CONTINUOUSLY POWERED EVEN WHEN THE LASER CUTTER IS SHUTDOWN BY TURNING OFF THE SWITCH.
- 3) TINKERACCESS DISABLES THE LASER CUTTER BY BREAKING THE DOOR SAFETEEY SWITCH CIRCUIT OF THE LASER CUTTER. THE LASER CUTTER GANTRY WILL STILL MOVE, BUT THE LASER OUTPUT WILL BE DISABLED.

**TITLE:** Laser Cutter TinkerAccess

**Design by:** TinkerMill  
Longmont, CO

**REV:**  
1.0

**Date:** 5/3/21 2:10 PM

**Sheet:** 1/1