



#### Notes:

1. SP3T switch is momentary, closing pins 3-1 & 7-5 in one direction, 3-4 & 7-8 in the other, with return-to-center pins 3-2 & 7-6 when released.
2. Open/Close relays operate in tandem and reverse the polarity of the 12VDC signal passing through the default (return-to-center) pins of the switch.
3. Actuate relay conditionally supplies 12VDC to the Open/Close relays to actually operate the motor.

v0.1 initial release  
v0.2 changed relay configuration

**Robert Ferguson Observatory**

Sheet: /

File: Poop-Valve.sch

**Title: Poop Valve Controller**

Size: A4

Date:

KiCad E.D.A. kicad (5.1.9-0-10\_14)

**Rev: 0.2 (draft)**

Id: 1/1