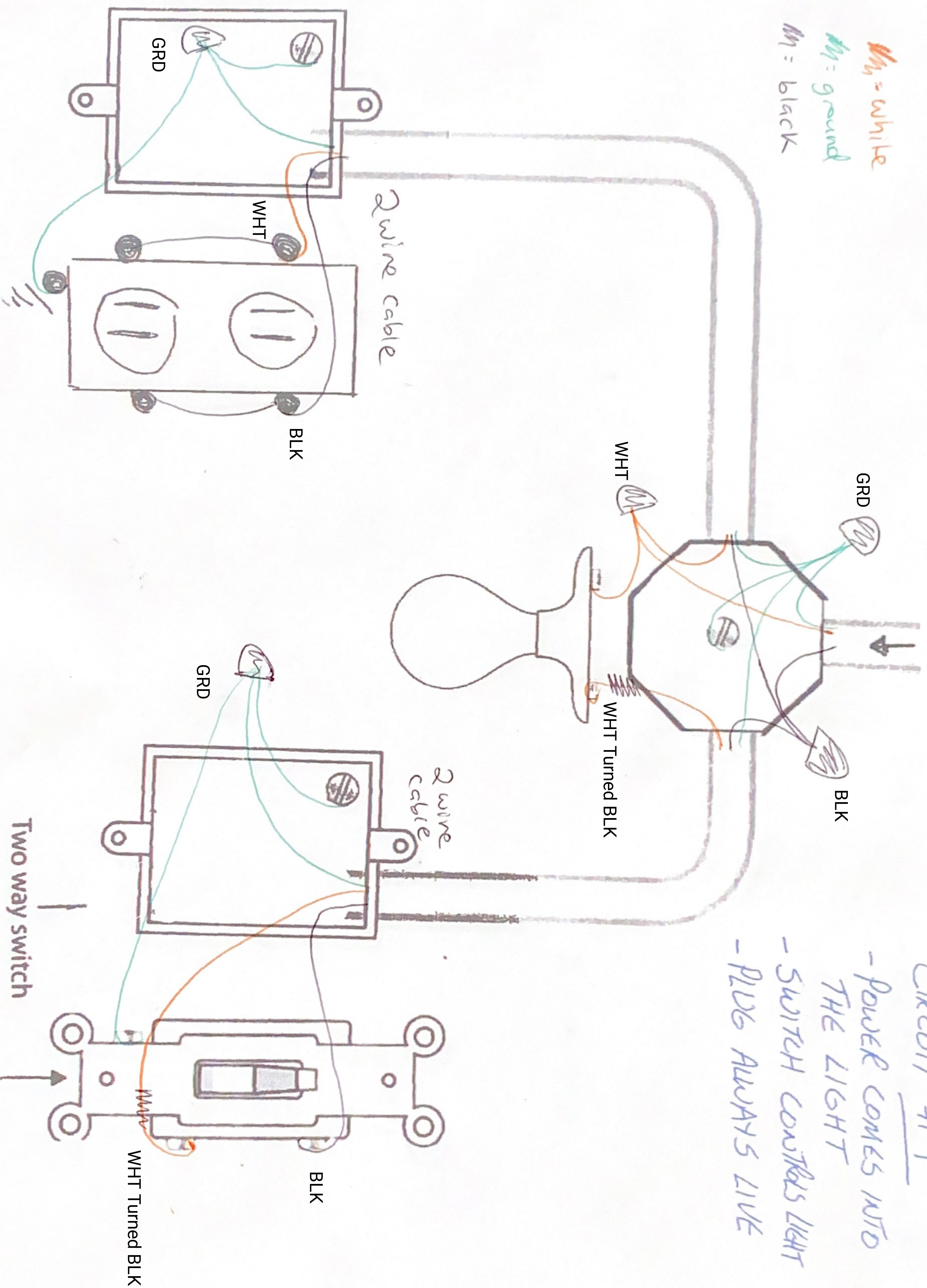


Power source (2 wire cable with ground)

 $m_1 = \text{white}$ 

$\psi_1 = \text{ground}$

My: black



Circuit #1

- power comes into  
the light

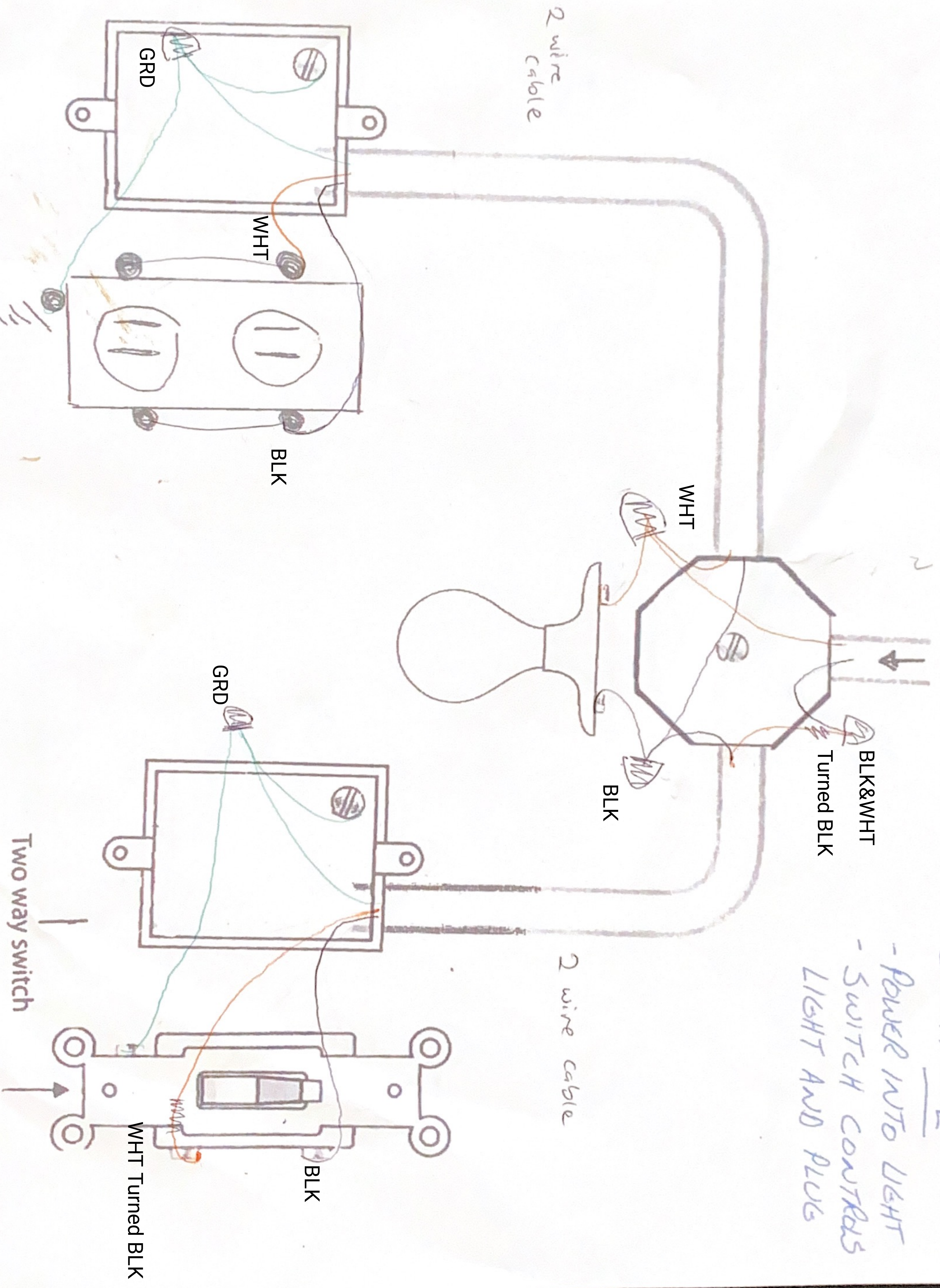
- SWITCH controls LIGHT

- PLUS ALWAYS LIVE



Power source (2 wire cable with ground)

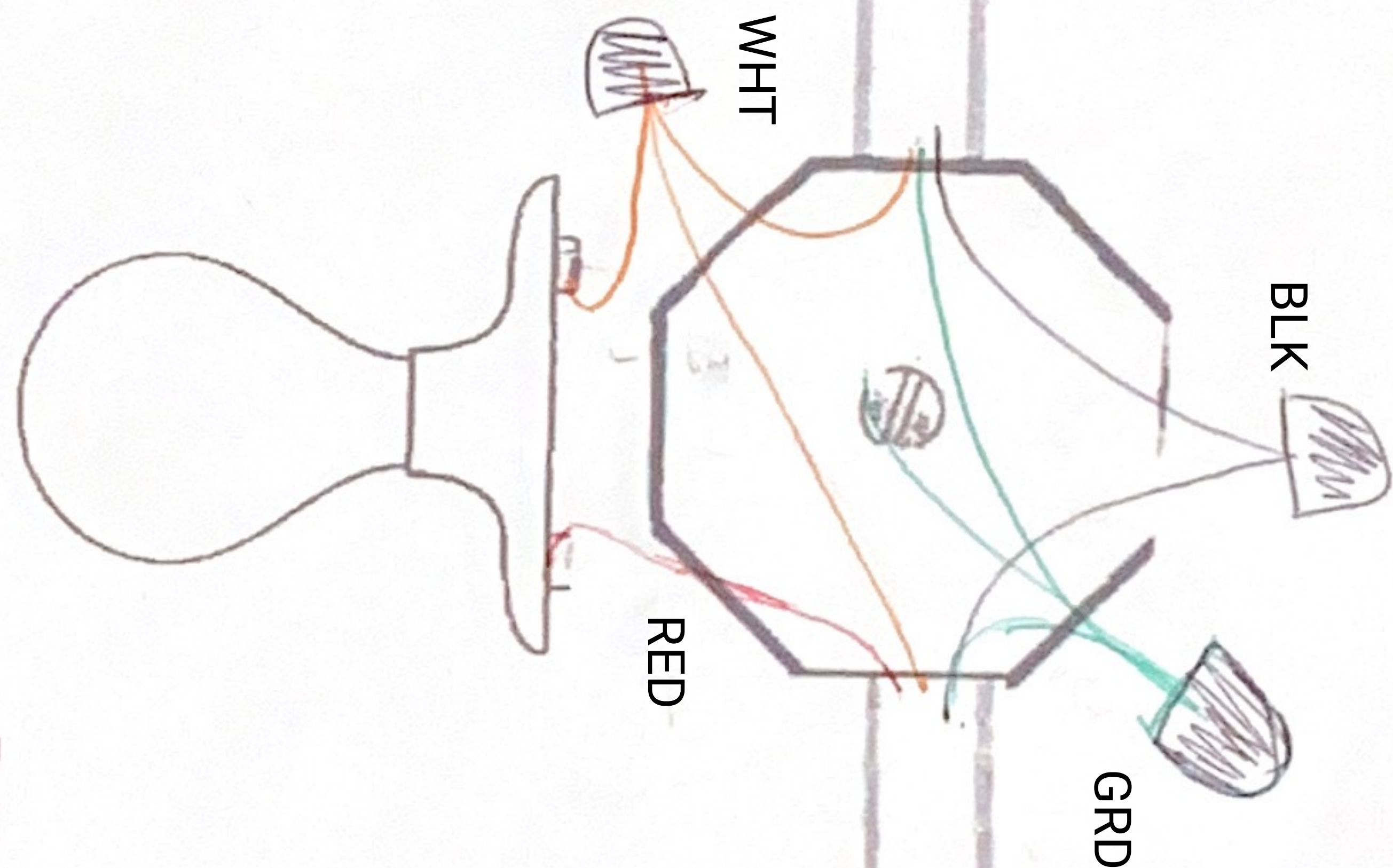
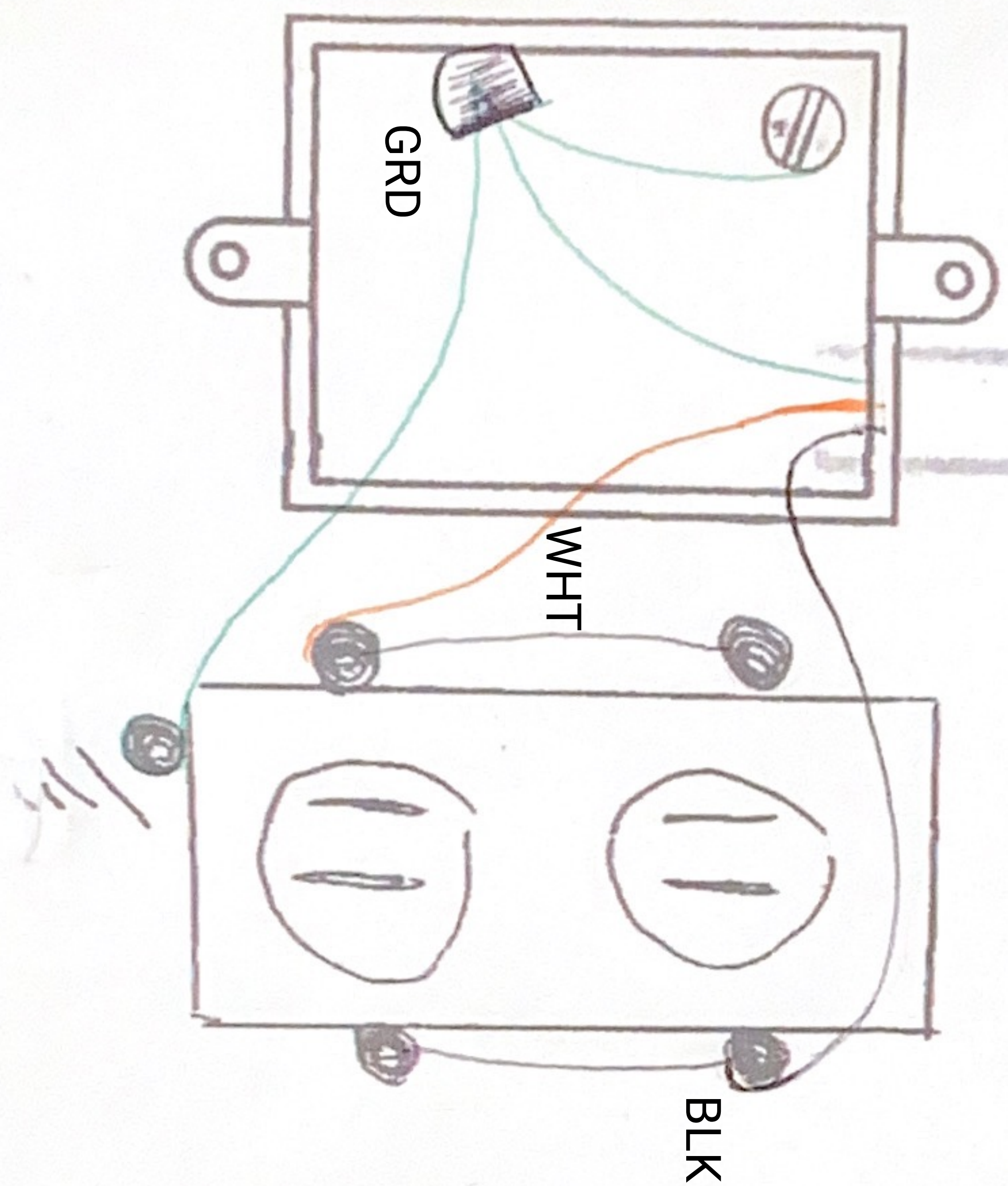
Circuit # 2  
- Power into light  
- Switch controls  
light and plug



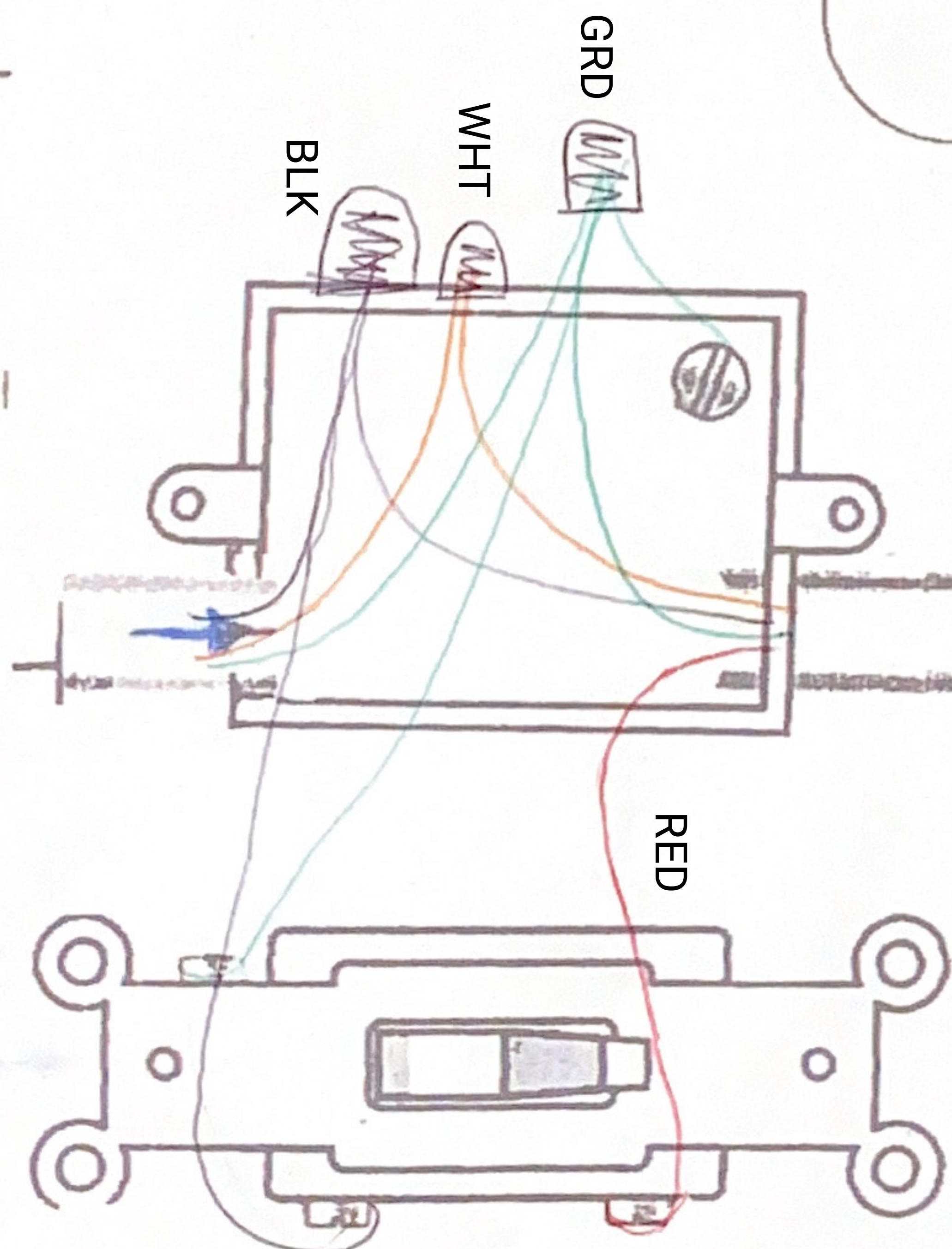


W = red

2 wire cable



3 wire cable



Power source (2 wire cable with ground)

- Circuit #3
- Power w/o switch
- Switch controls light
- Plug always live



Circuit #4  
 - Power into switch  
 - Switch controls  
 Light and plug

