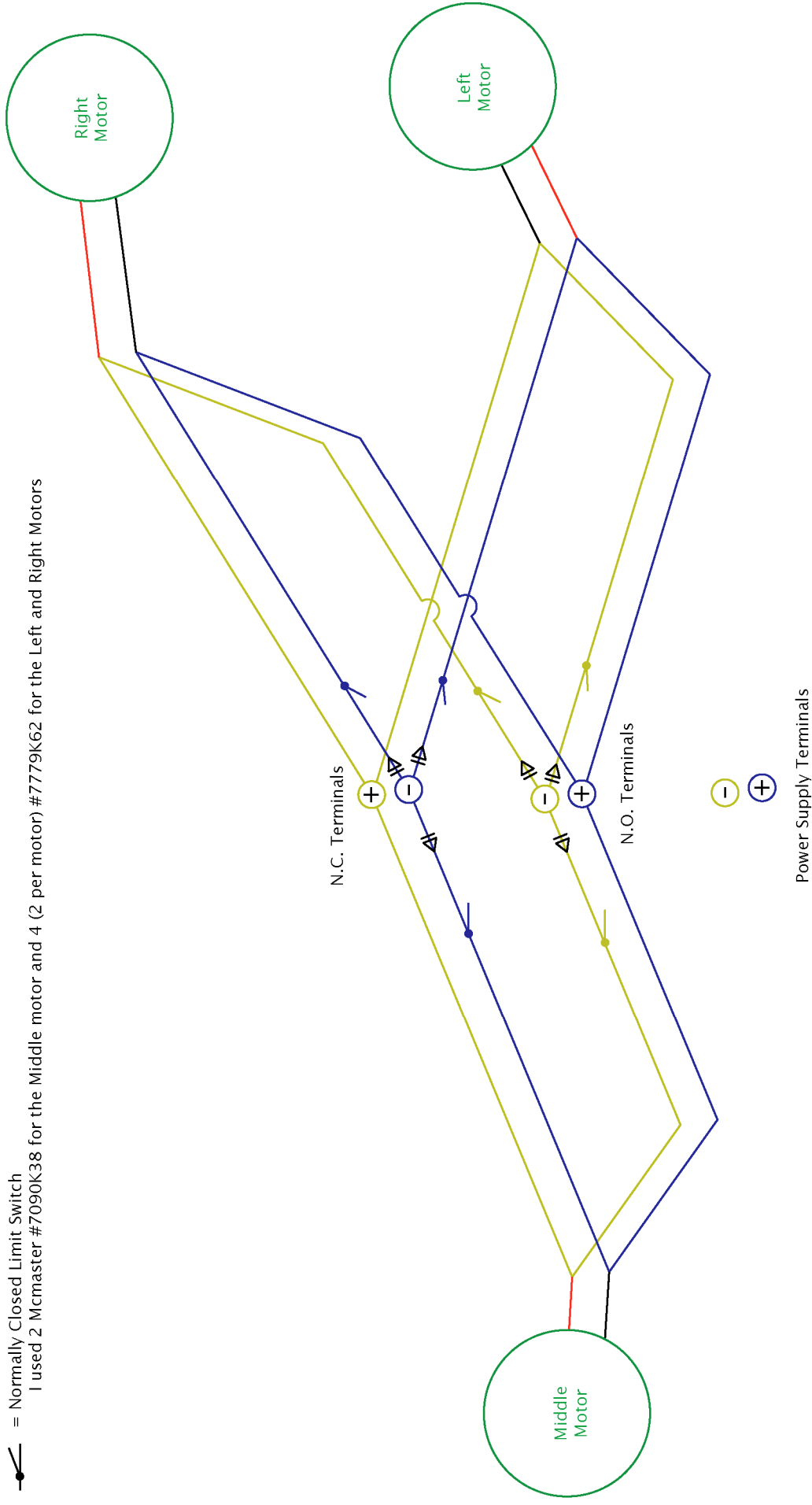


 = Diode
I used 3A Barrel Diodes from Radio Shack Model: 276-1141 | Catalog #: 276-1141

 = Normally Closed Limit Switch
I used 2 McMaster #7090K38 for the Middle motor and 4 (2 per motor) #7779K62 for the Left and Right Motors



The 6 Terminals on this drawing are on a (D.P.D.T.) Double Pole Double Throw Switch I used McMaster-Carr.com #7765K2

Note: I connected one of the white brake wires to the red lead and the other white brake wire to the black lead on its corresponding motor.