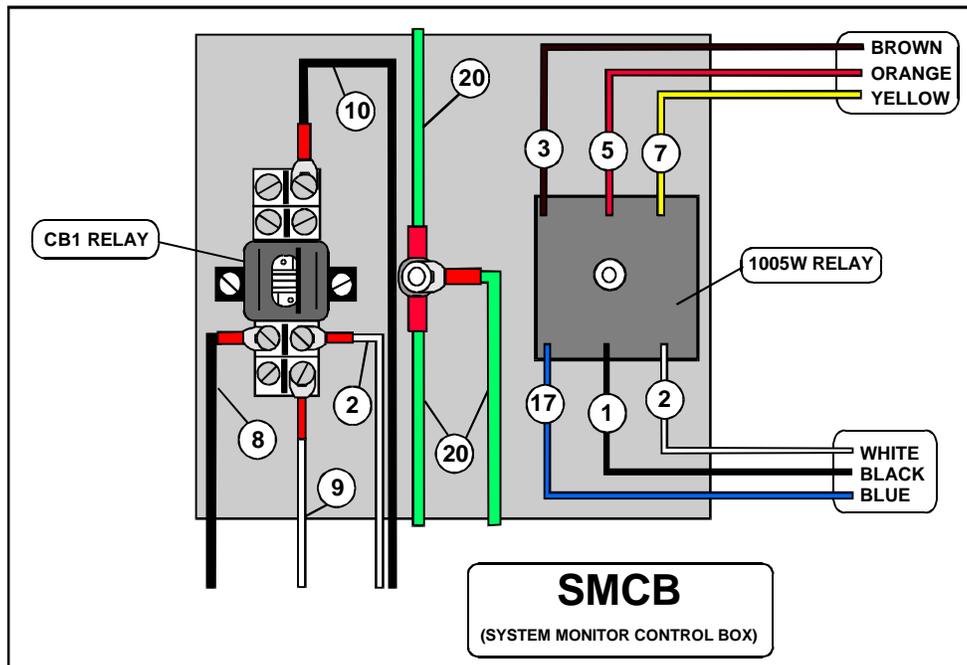


**Executive Order G-70-187  
Exhibit 2  
Figure 5B**

# SMCB

## (SYSTEM MONITOR CONTROL BOX)



**System Monitor Control Box.** The SMCB is a junction box for the CB1 relay and the 1005W solid state relay. It also acts as a junction box for the wiring cable supplied from the 6280 System Monitor, the 12VDC plug-in power supply, field wiring from the 9800-1 Differential Pressure Switch, field wiring from the 6275 Vent Sensor Assembly, and field wiring from the Submerged Motor Relays.

The **CB1** Relay, mounted in a socket, is connected to the power of the vacuum source and closes a contact that activates the **yellow Motor L.E.D.** Light on the 6280 System Monitor. It also tells the 6280 System Monitor that the proper vacuum has been achieved, within a prescribed time period, with a signal from the 9800-1 Differential Pressure Switch.

The **1005W** Solid State Relay senses the activation of product pump and transfers that signal to whichever vacuum source is being utilized at the site.

The System Monitor Control Box should be mounted near the Submerged Pump Control Relays and near a 110V standard electrical outlet for the 12VDC plug-in power supply. It should also be accessible to the electrical conduits from the 9800-1 Differential Pressure Switch and the 6275 Vent Sensor Assembly.