Notes:
1. DB25P -- each signal line twisted with separate ground
2. Ground lines connected together at CONNECTOR EDGE44
3. Twisted grounds not connected (open) at DB25P
4. 74LS244 -- pin 20 is Vcc and pin 10 is GROUND
5. If computer is fine but block lights do not work, connect Pin 15 (U2) to PB6 versus PB5 of the VIA.