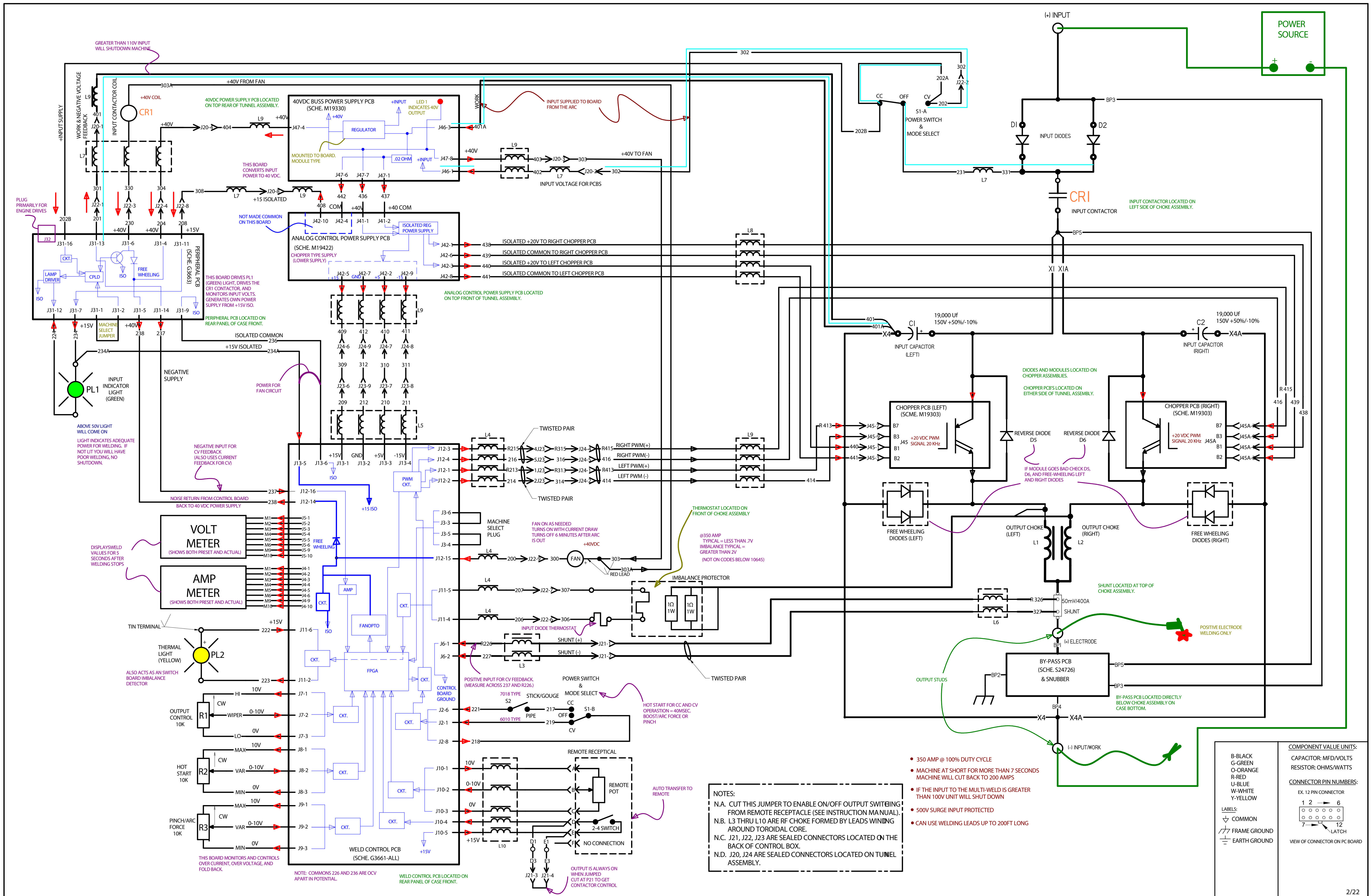


MULTI-WELD 350 MACHINE SCHEMATIC G3773 REV: B



NOTES:
 N.A. CUT THIS JUMPER TO ENABLE ON/OFF OUTPUT SWITCHING FROM REMOTE RECEPTACLE (SEE INSTRUCTION MANUAL).
 N.B. L3 THRU L10 ARE RF CHOKE FORMED BY LEADS WINDING AROUND TOROIDAL CORE.
 N.C. J21, J22, J23 ARE SEALED CONNECTORS LOCATED ON THE BACK OF CONTROL BOX.
 N.D. J20, J24 ARE SEALED CONNECTORS LOCATED ON TUNNEL ASSEMBLY.

- 350 AMP @ 100% DUTY CYCLE
- MACHINE AT SHORT FOR MORE THAN 7 SECONDS MACHINE WILL CUT BACK TO 200 AMPS
- IF THE INPUT TO THE MULTI-WELD IS GREATER THAN 100V UNIT WILL SHUT DOWN
- 500V SURGE INPUT PROTECTED
- CAN USE WELDING LEADS UP TO 200FT LONG

COMPONENT VALUE UNITS:	
CAPACITOR:	MFD/VOLTS
RESISTOR:	OHMS/WATTS
CONNECTOR PIN NUMBERS:	
EX. 12 PIN CONNECTOR	1 2 3 4 5 6
	7 8 9 10 11 12
	LATCH
VIEW OF CONNECTOR ON PC BOARD	

LABELS:
 ⊕ COMMON
 ⊕ FRAME GROUND
 ⊕ EARTH GROUND