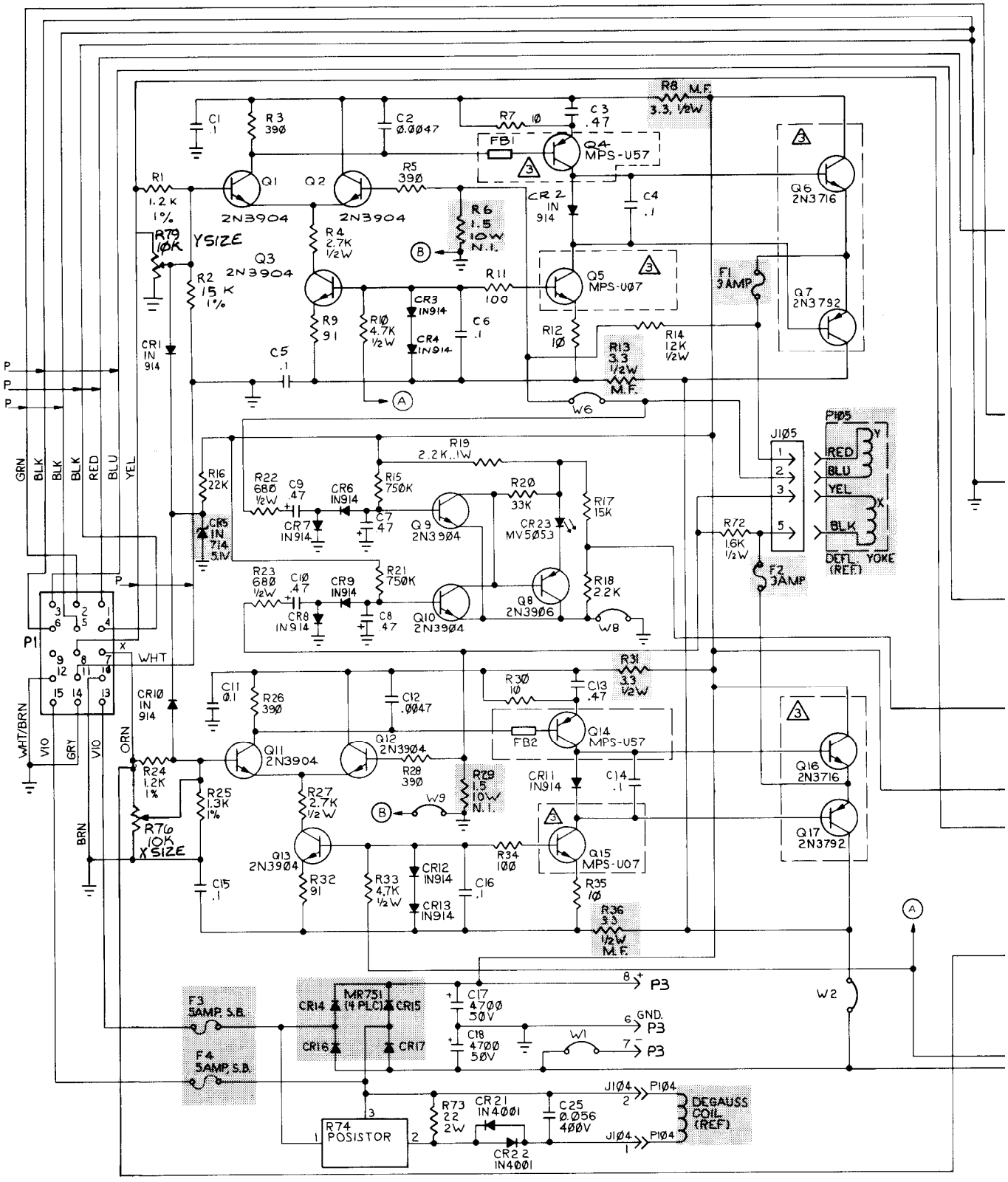
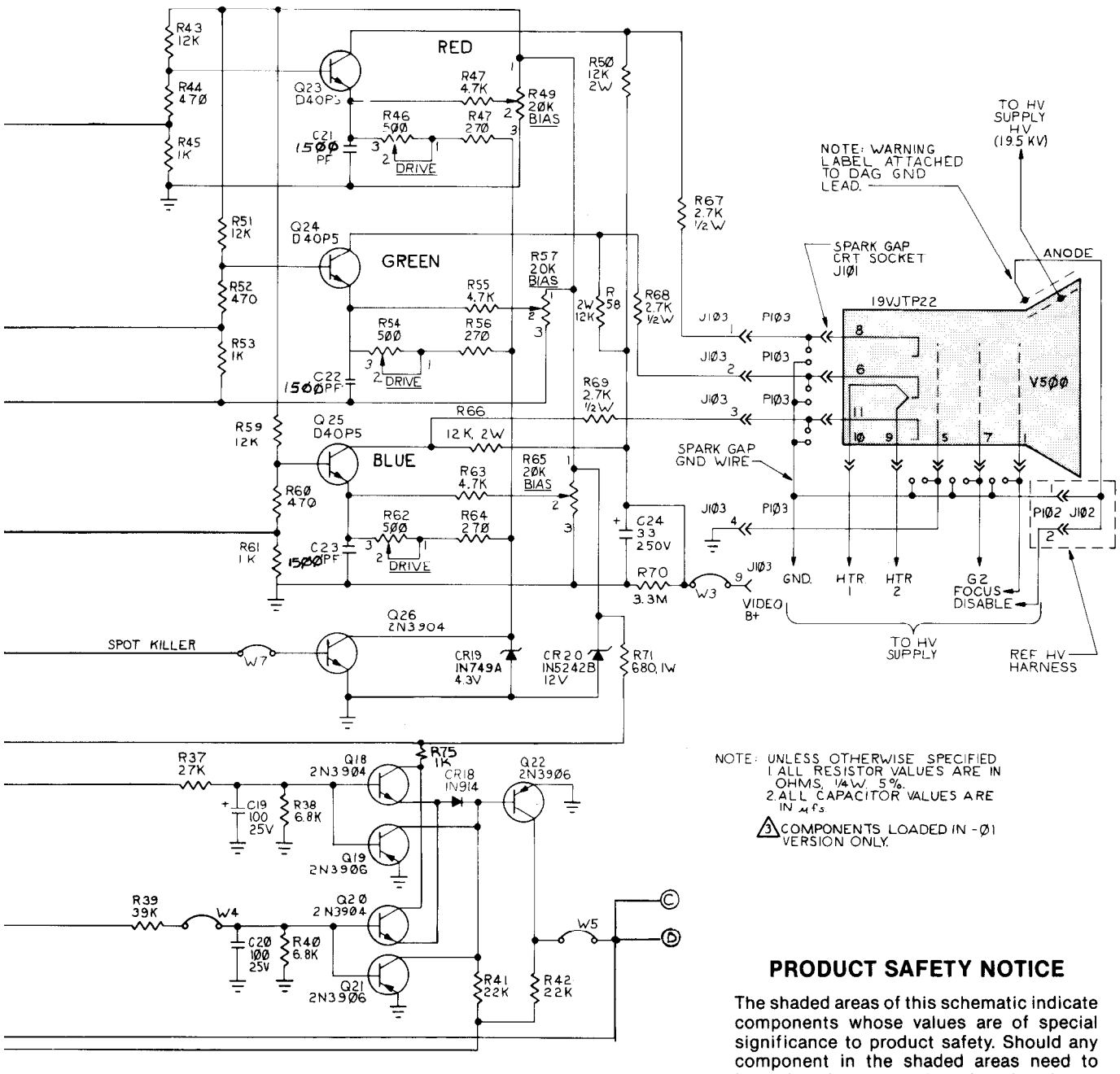


Figure 10 Deflection PCB Schematic Diagram



PRODUCT SAFETY NOTICE

The shaded areas of this schematic indicate components whose values are of special significance to product safety. Should any component in the shaded areas need to be replaced, use only the value given in the parts lists. Do not deviate from the resistance, wattage, and voltage values shown.

Figure 10 continued, Deflection PCB Schematic Diagram

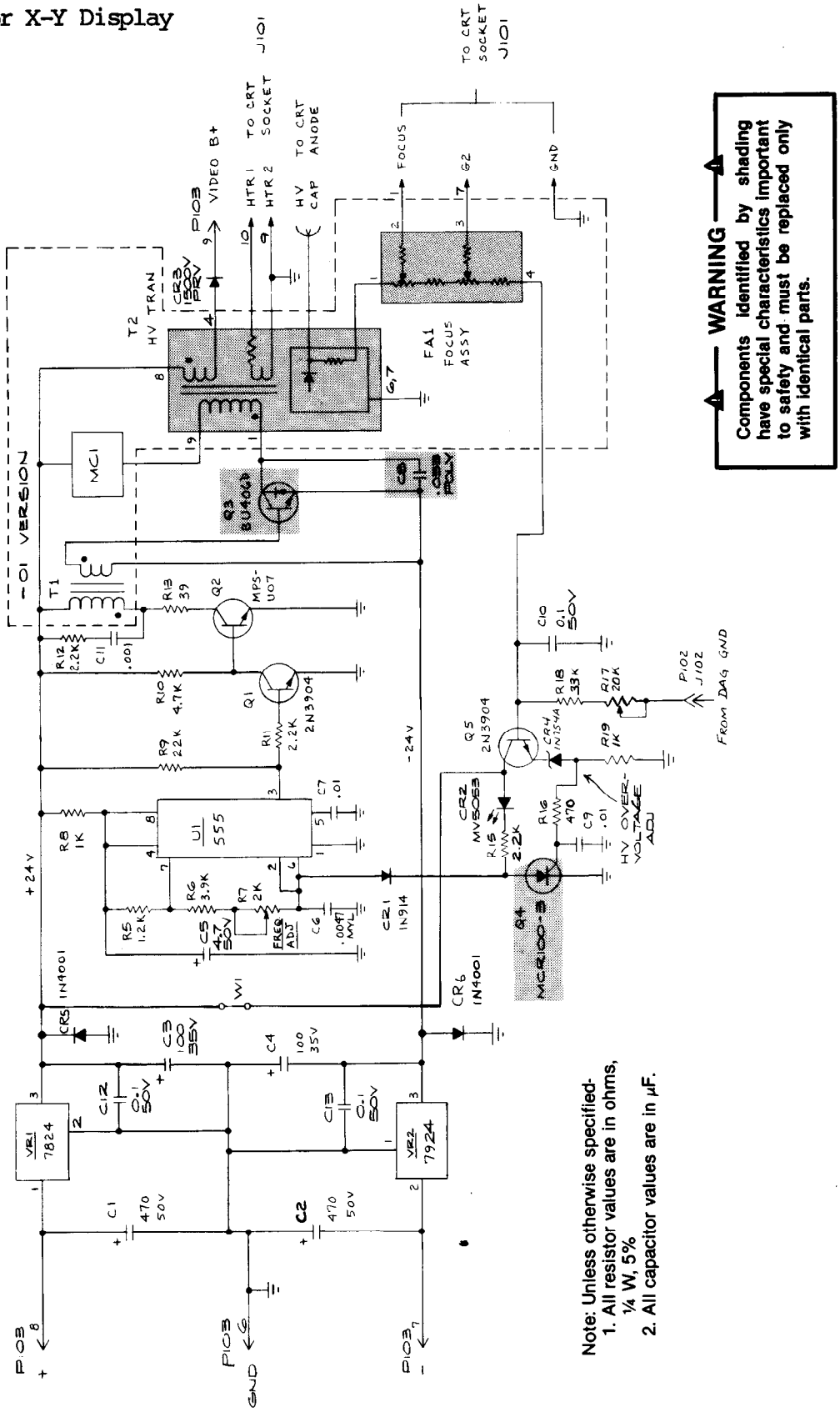
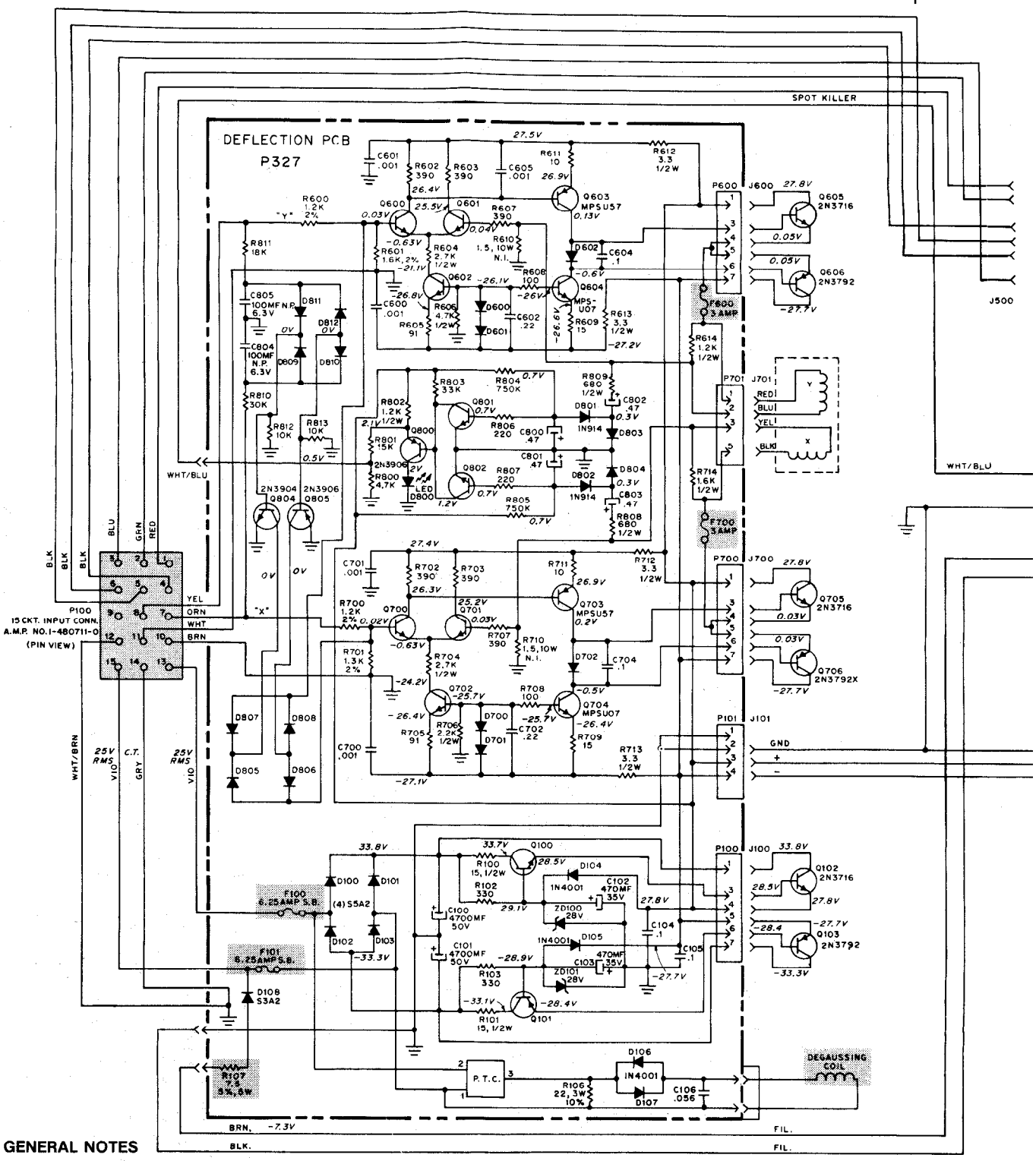
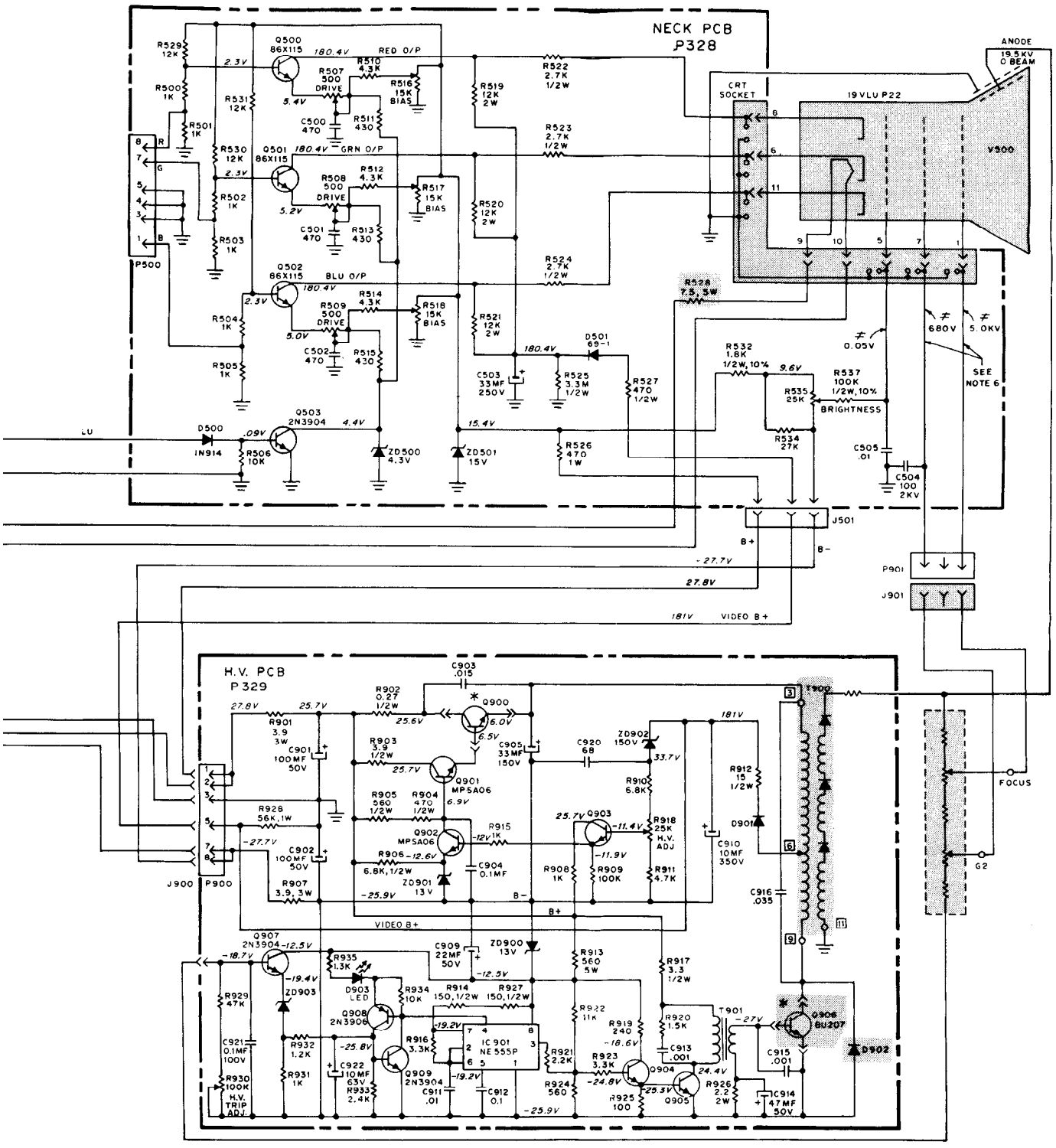


Figure 11 High-Voltage PCB Schematic Diagram



GENERAL NOTES

1. Resistance values in ohms, ¼ watt, ±5%, unless otherwise noted. K = 1,000, M = 1,000,000
2. Capacitance value of 1 or less is in microFarads, above 1 in picoFarads, unless otherwise noted.
3. *Q900 and Q906 are not in High-Voltage PCB.
4. All D.C. voltages are ±10% measured from point indicated to ground, using a high-impedance meter. Voltages are measured with no signal input and controls are in a normal operating position.
5. Circled numbers indicate location of waveform reading.
6. ZD100-101 uses (66X0040-007) zener diode in series with (340X2331-934) 330-ohm resistor in early production models.
7. Use a 1,000:1 probe when measuring G2 (screen) or focus voltage.



⚠ WARNING ⚠ Components identified by shading have special characteristics important to safety and should be replaced only with identical types.

Figure 21 19" Wells-Gardner Color X-Y Video Display
08-0303058