



**SCHEMATIC OF THE HEATHKIT® REGULATED H V POWER SUPPLY MODEL IP-17**

- NOTES:**
- ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K = 1,000, M = 1,000,000).
  - ALL CAPACITOR VALUES ARE IN  $\mu$ Fd.
  - INDICATES DC VOLTAGE MEASURED FROM POINT INDICATED TO EITHER COMMON BINDING POST. VOLTAGE READINGS TAKEN WITH AN 11 MEGOHM INPUT VTVM. VOLTAGE MAY VARY  $\pm 20\%$ .
  - \*\*DO NOT MEASURE THE VOLTAGE AT PIN 1 OF V3 AS THIS WILL UPSET THE REGULATION OPERATION OF THE TUBE.
  - THE VOLTAGES INDICATED AT TUBES V3, V5 AND V6 ARE OBTAINED WITH THE ZERO VOLTAGE ADJUST CONTROL TURNED FULLY COUNTER-CLOCKWISE AND THE 400 VOLT ADJUST CONTROL TURNED FULLY CLOCKWISE.
  - \* -150 TO +400 VOLTS, DEPENDING ON THE SETTING OF THE B+ VOLTS CONTROL.