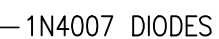


1. SWITCHES FOR POWER TUBE CATHODE BYPASS AND PREAMP TUBE CATHODE BYPASS MOUNTED ON TOP OF CHASSIS WHERE EVER THEY WILL FIT. LEAVE ROOM TO GET AT THE SWITCHES.
2. ALL CAPS ARE 630VOLTS AND RESISTORS 1/2 WATT UNLESS NOTED

- 12AX7 PREAMP
- 12AT7 PHASE INVERTER
- 6AQ5 POWER TUBES

5. I USED A 70VOLT OUTPUT TRANSFORMER - THE KIND USED FOR COMMERCIAL SOUND SYSTEM 70V SPEAKER TRANSFORMERS IN SCHOOLS. WIRED AS AN ULTRA-LINEAR TRANSFORMER WOULD BE, SCREENS ARE TIED TO OUTPUT TRANSFORMER.



LONE RANGER MASTER VOLUME AMP LAYOUT