

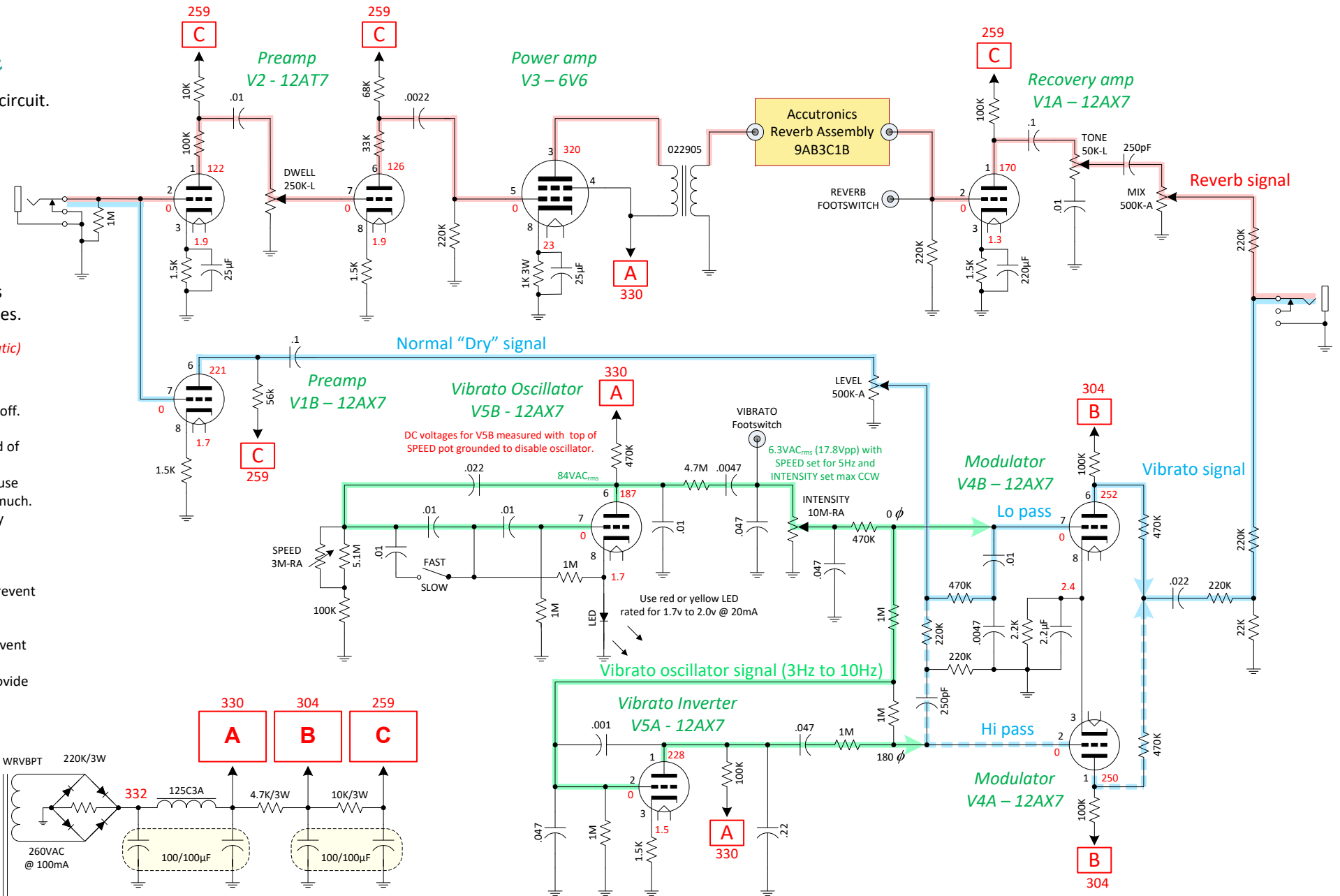
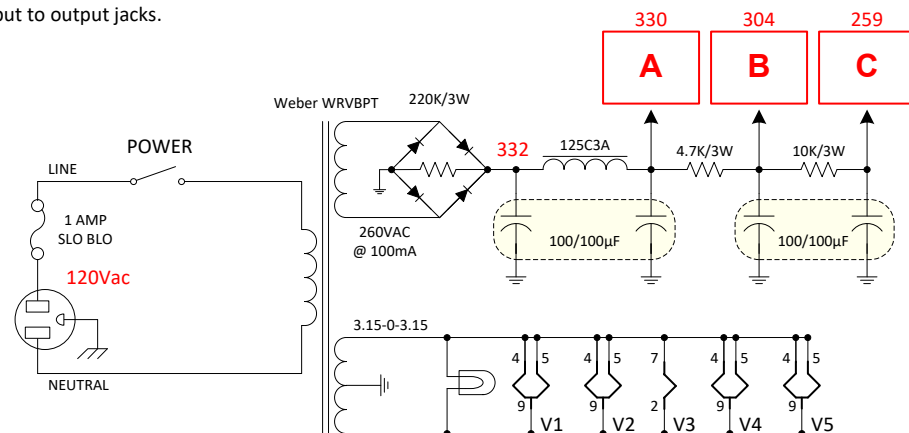
REVIBE by Sluckey

Based on 6G15 reverb unit and 6G12 vibrato circuit.

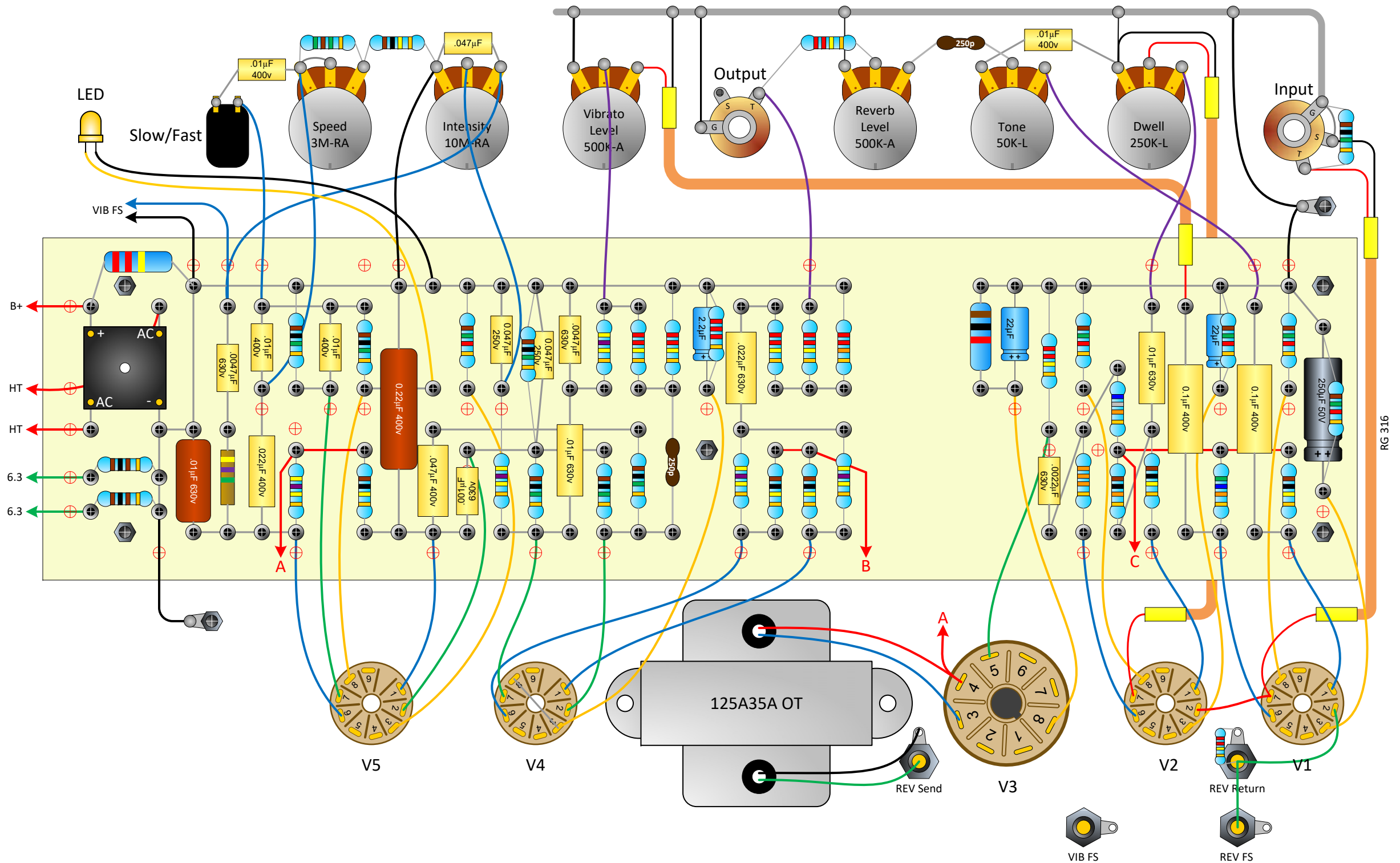
This unit was originally built exactly IAW Hoffman's Revibe schematic. I later made the following changes.

List of Changes (refer to original Hoffman schematic)





- Power Supply nodes rearranged.
- Footswitch moved to top of Intensity pot to allow the oscillator to run continuously. This provides instant on/off.
- Added FAST/SLOW frequency range switch.
- 5.1M resistor paralleled with Speed pot to limit low end of frequency range.
- C27 changed to .047 μ F and C18 changed to .01 μ F because they were attenuating the higher LFO frequencies too much.
- V5A and V5B positions swapped to work better with my layout.
- Removed C20 bypass cap from V5A cathode.
- Replaced C17/R29 with yellow LED. Pure eye candy!
- Replaced R60 with 56K to lower the gain of V1-B and prevent overdriving V4.
- Added LEVEL pot to adjust signal input to V4.
- Replaced R45 with 2.2K to lower the gain of V4 and prevent distortion of hot input signals.
- Replaced R62/R63 voltage divider with 220K/15K to provide unity gain from input to output jacks.



Note. All voltages measured with Fluke 87V. Line input set to 120VAC. All controls set max CCW. Tremolo oscillator was disabled for steady readings on V5.



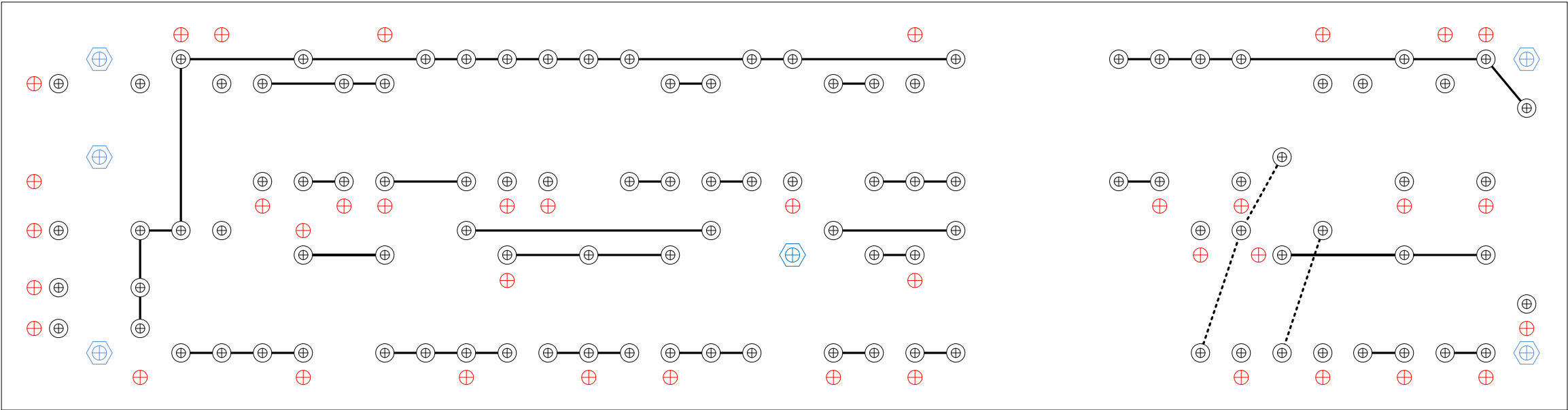
DRILL GUIDE

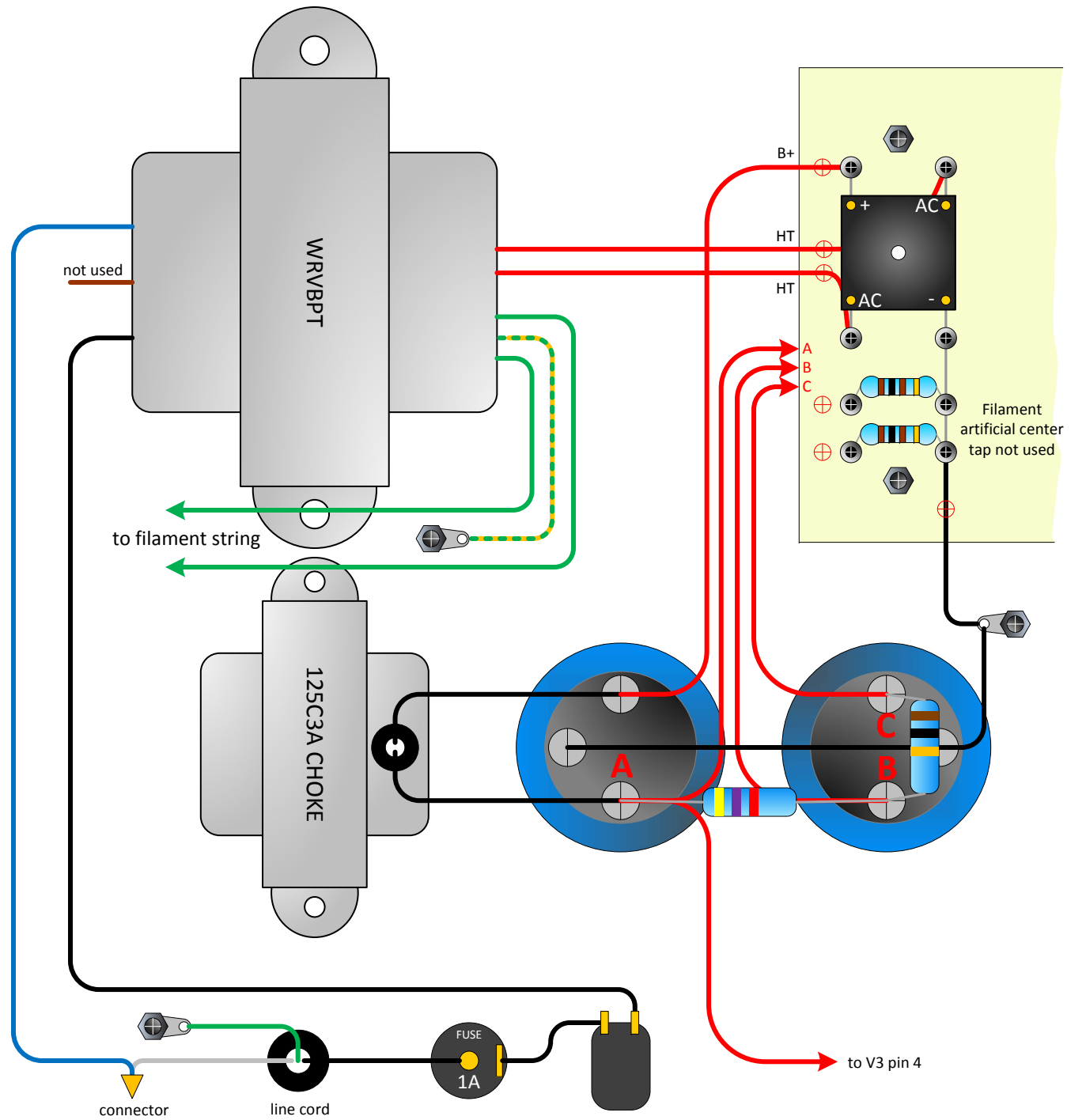
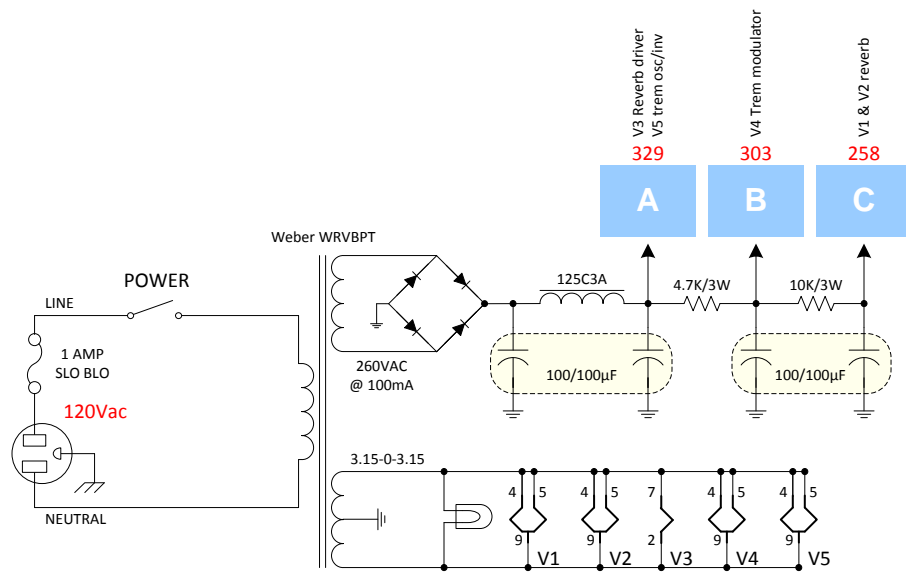
-  Turret --- drill size is 3/32"
-  Standoff – drill size to fit
-  Hole for wire pass thru – drill size to fit
-  Dashed lines are underboard jumpers

INSTRUCTIONS FOR PRINTING DRILL GUIDE

NOTE... This drawing contains layers. Turn off all layers except instructions, turrets, jumpers, screws, and pass-thru holes.

Board size is 3 1/8" X 12". Print two copies of this drill guide FULL SIZE on legal sized paper. One copy will be used as a drill guide. The other copy will be used for installing jumpers. Measure the board length of the printout to verify it is 12". Attach to blank board using double sided carpet tape. Use a center punch to put a mark at the cross hairs of each turret, standoff, and hole. Use a 3/32" drill bit to drill all holes. Then enlarge holes as needed for screws and wire pass thru.



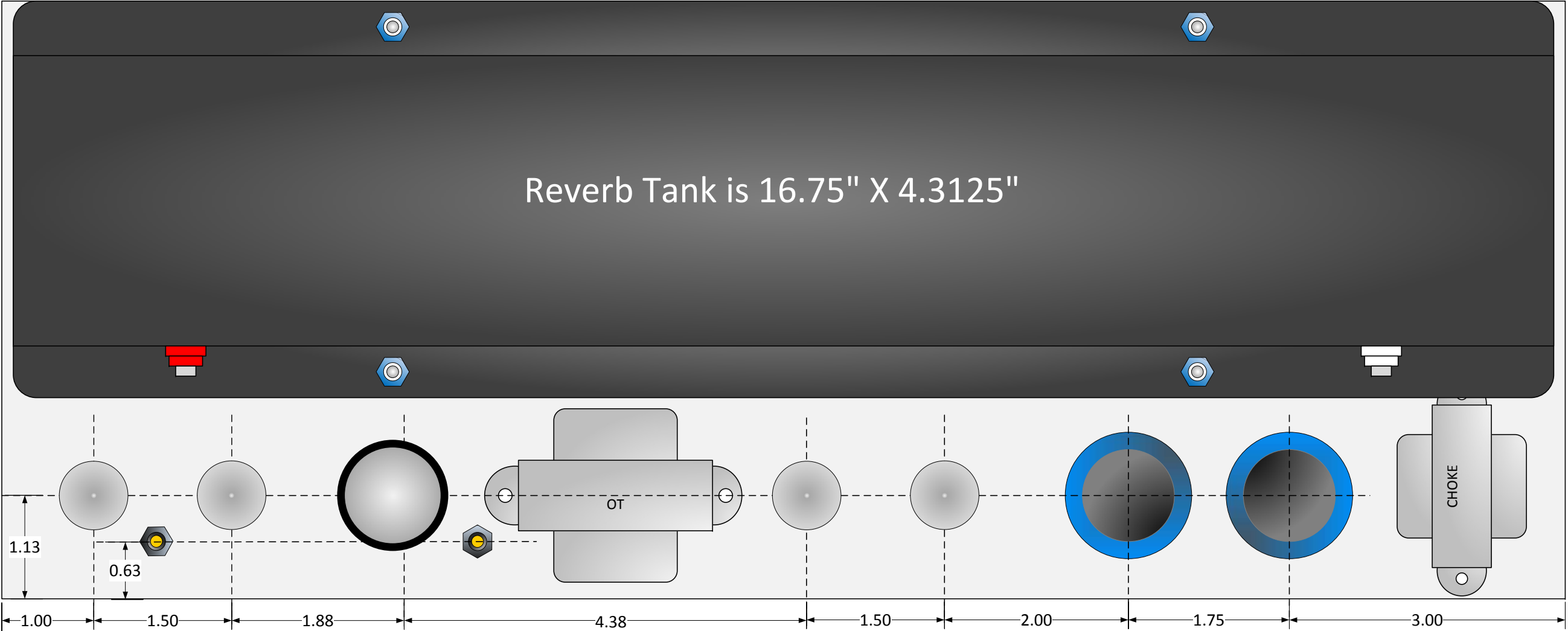


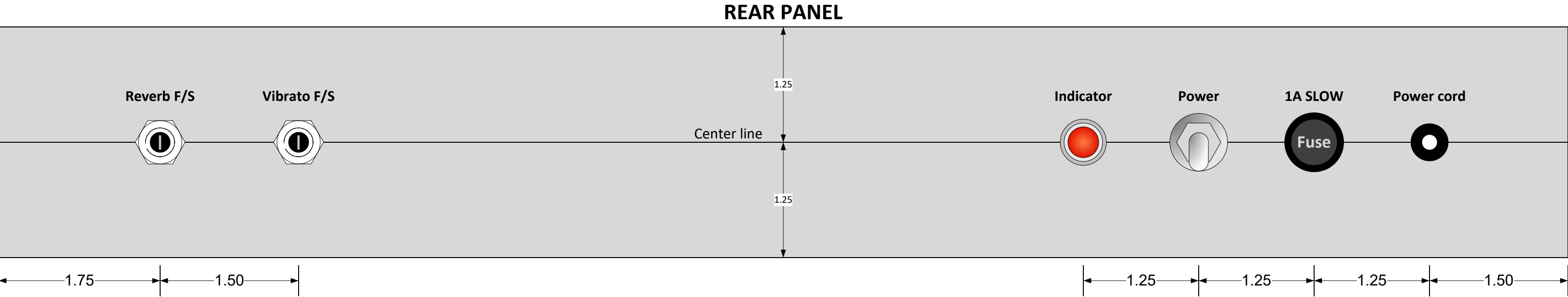
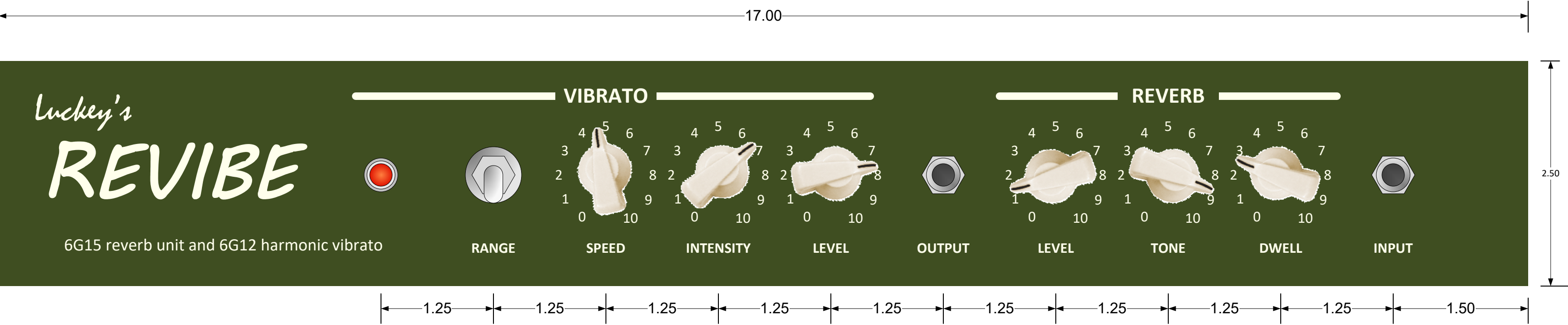
TOP VIEW

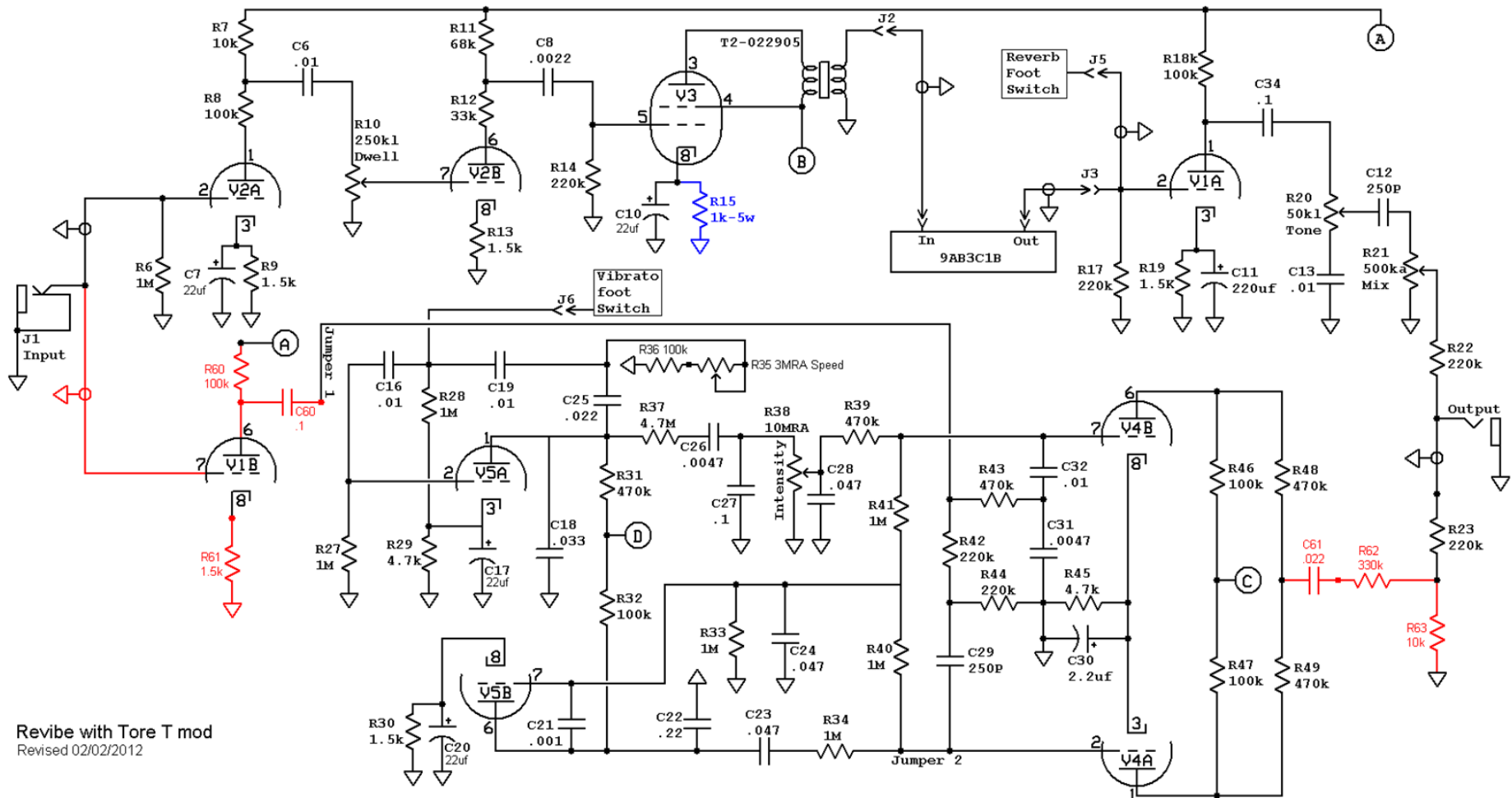
Chassis size 17" x 6 ½" x 2 ½"

TOP VIEW

Reverb Tank is 16.75" X 4.3125"







- * Based on the Fender 6G15 Reverb unit and 6G12 Vibrato circuits.
- * All caps are uf unless noted.
- * PT1 and PT2 are lug connections on the circuit board
- * V1, V4, V5 are 12AX7's
- * V2 is a 12AT7
- * V3 is a 6K6 or 6V6

Red parts are the Tore T mod parts.

Note that power tranny wires color may be different

Green heater wires can stop at lamp first then go to tubes

Blue parts are 3 watt and 5 watt

