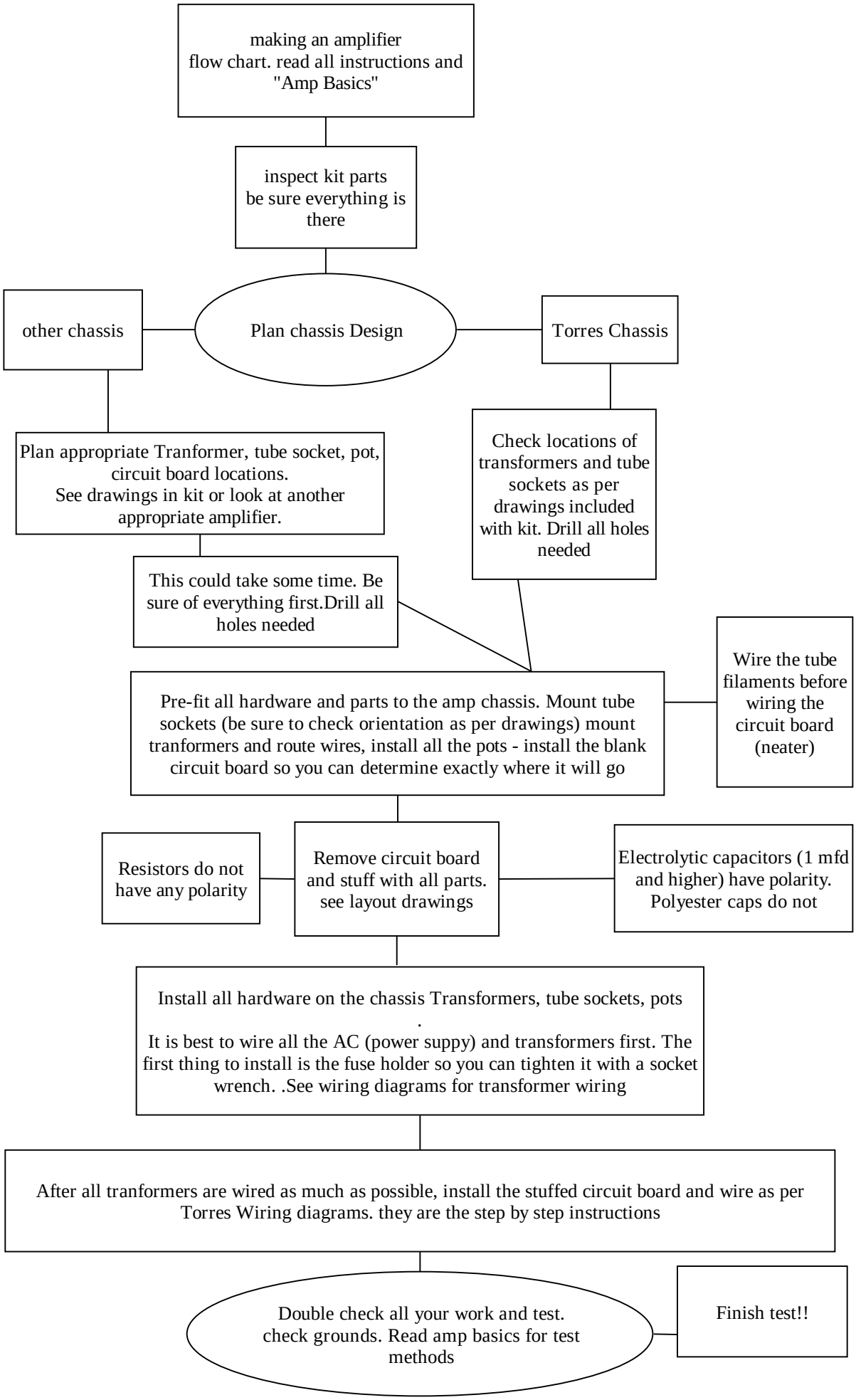
making an amplifier
flow chart. read all instructions and "Amp Basics"
inspect kit parts
be sure everything is there
other chassis
Plan chassis Design
Torres Chassis
Plan appropriate Tranformer, tube socket, pot, circuit board locations.
See drawings in kit or look at another appropriate amplifier.
Check locations of transformers and tube sockets as per drawings included with kit. Drill all holes needed
This could take some time. Be sure of everything first.Drill all holes needed
Pre-fit all hardware and parts to the amp chassis. Mount tube sockets (be sure to check orientation as per drawings) mount tranformers and route wires, install all the pots - install the blank circuit board so you can determine exactly where it will go
Wire the tube filaments before wiring the circuit board (neater)
Resistors do not have any polarity
Remove circuit board and stuff with all parts. see layout drawings
Electrolytic capacitors (1 mfd and higher) have polarity. Polyester caps do not
Install all hardware on the chassis Transformers, tube sockets, pots
.
It is best to wire all the AC (power suppy) and transformers first. The first thing to install is the fuse holder so you can tighten it with a socket wrench. .See wiring diagrams for transformer wiring
After all tranformers are wired as much as possible, install the stuffed circuit board and wire as per Torres Wiring diagrams. they are the step by step instructions
Double check all your work and test.
check grounds. Read amp basics for test methods
Finish test!!