



V1,2&3=12AX7 (4&5/9=H)

V4&5=6V6 (2&7=H)

V1 (pin1&6)= 153v

V2 pin1=300v

V2pin6=192v

V3pin 1=176v

V3pin6=225v

V3pin8=52

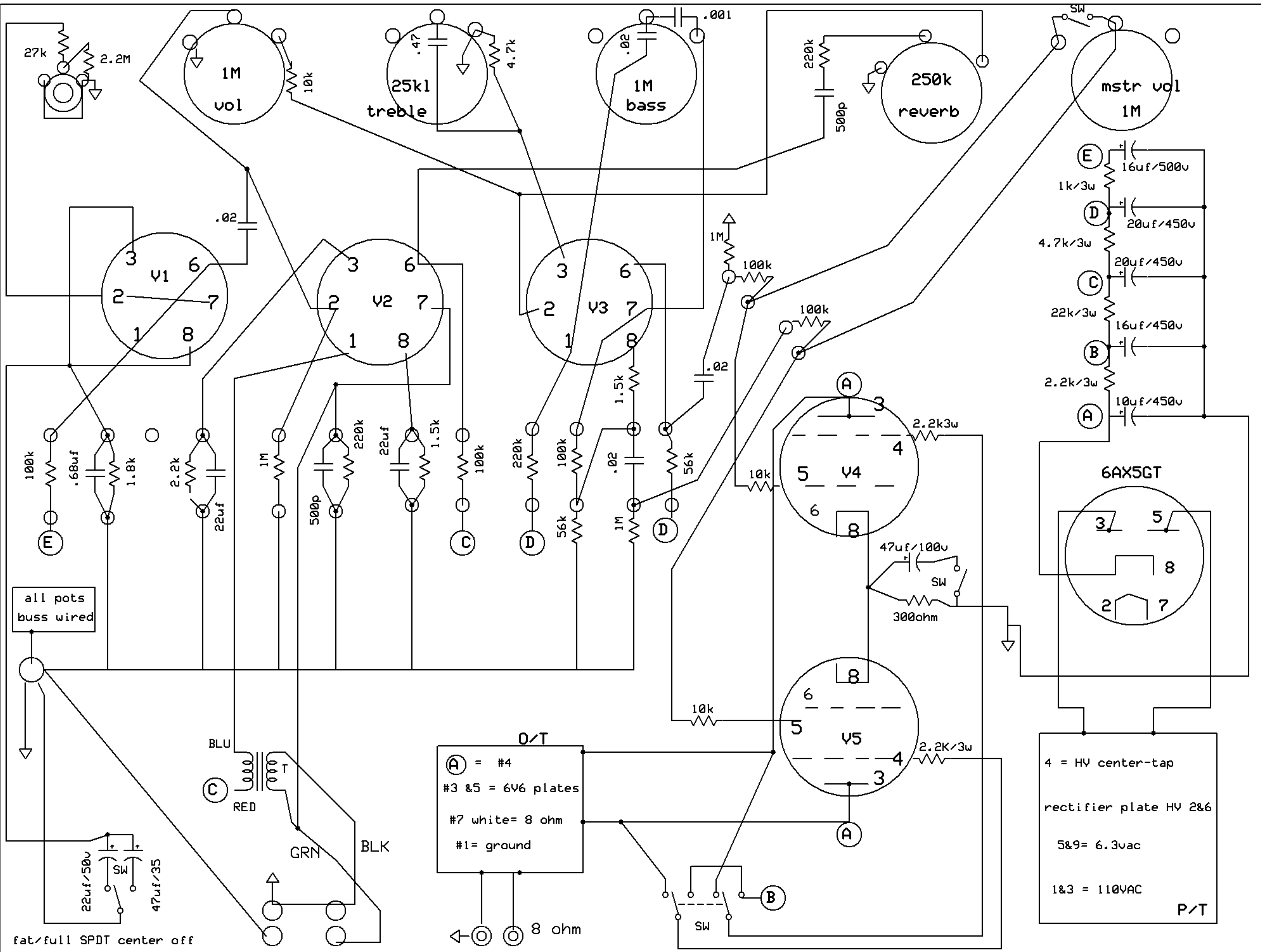
A=423v

B=406v

C=299v

D=286v

E=284v



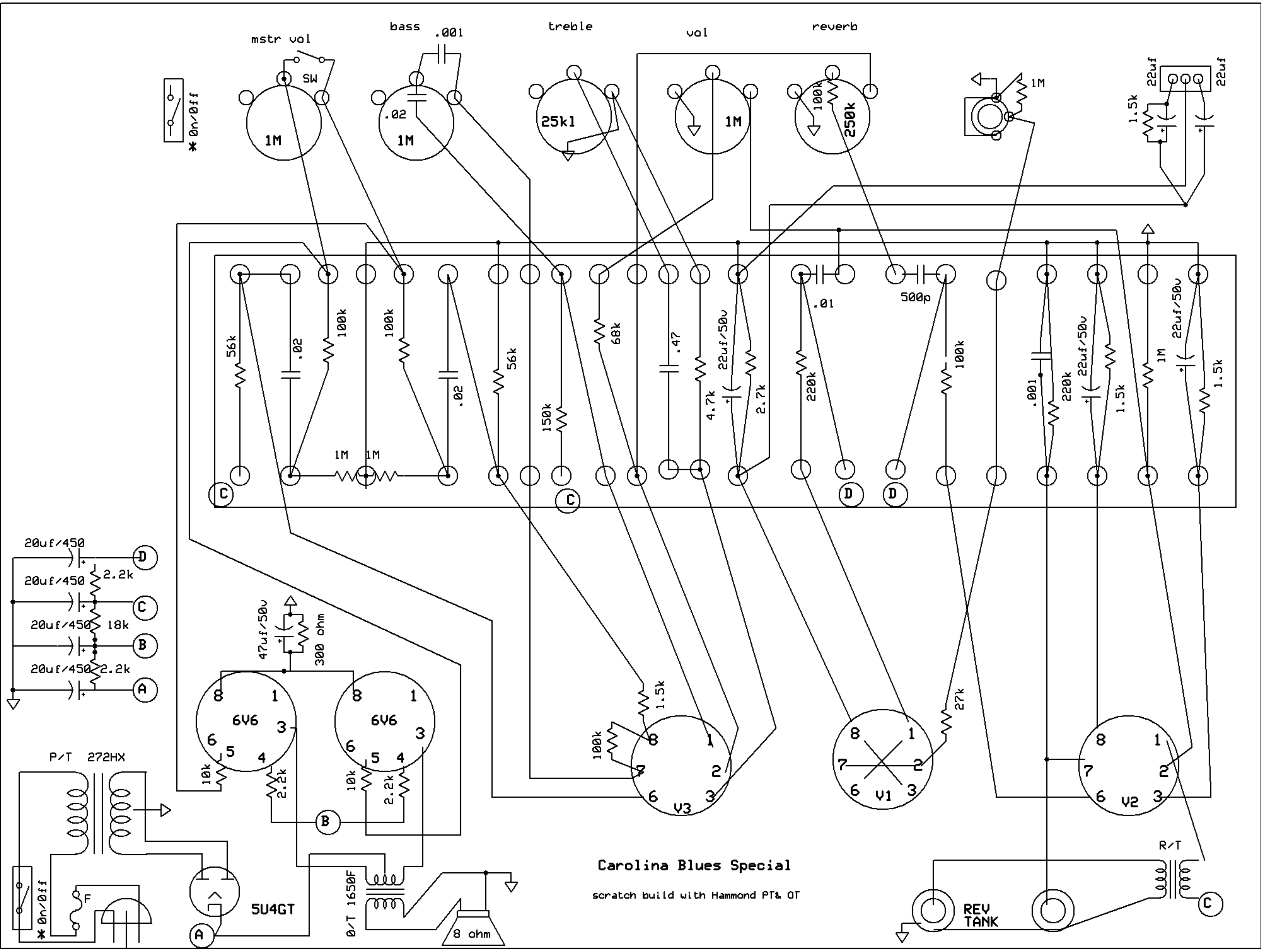
all pots  
buss wired

fat/full SPDT center off

0/T

(A) = #4  
 #3 & 5 = 6V6 plates  
 #7 white = 8 ohm  
 #1 = ground

4 = HV center-tap  
 rectifier plate HV 2&6  
 5&9 = 6.3vac  
 1&3 = 110VAC  
 P/T



**Carolina Blues Special**  
 scratch build with Hammond PT & OT

\* 0n/0ff

20uF/450V  
 2.2k  
 18k  
 2.2k

P/T 272HX

\* 0n/0ff

5U4GT

OT 1650F

8 ohm

REV TANK

R/T

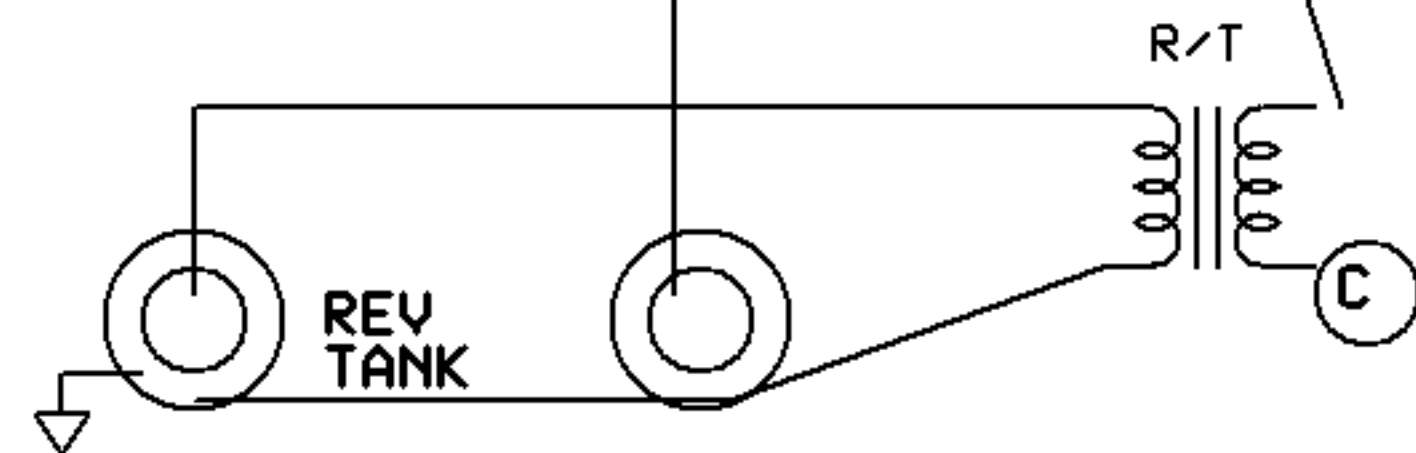
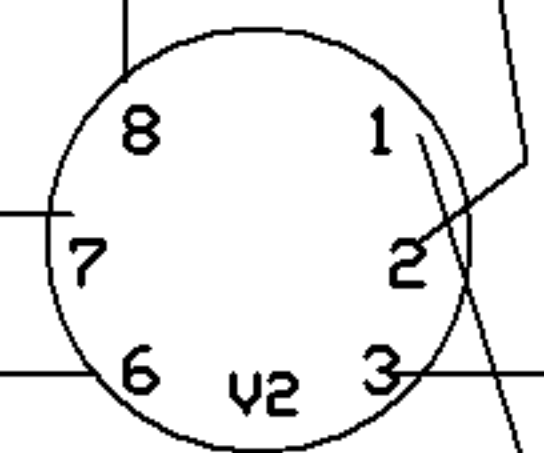
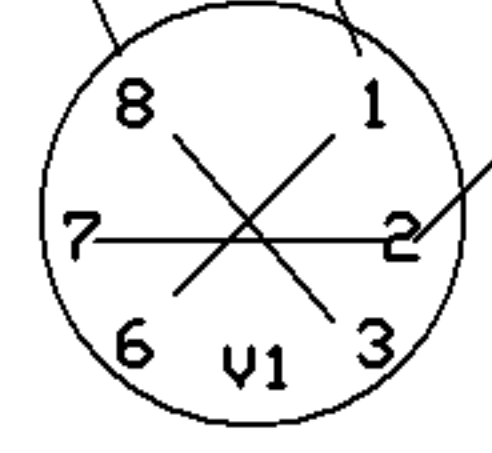
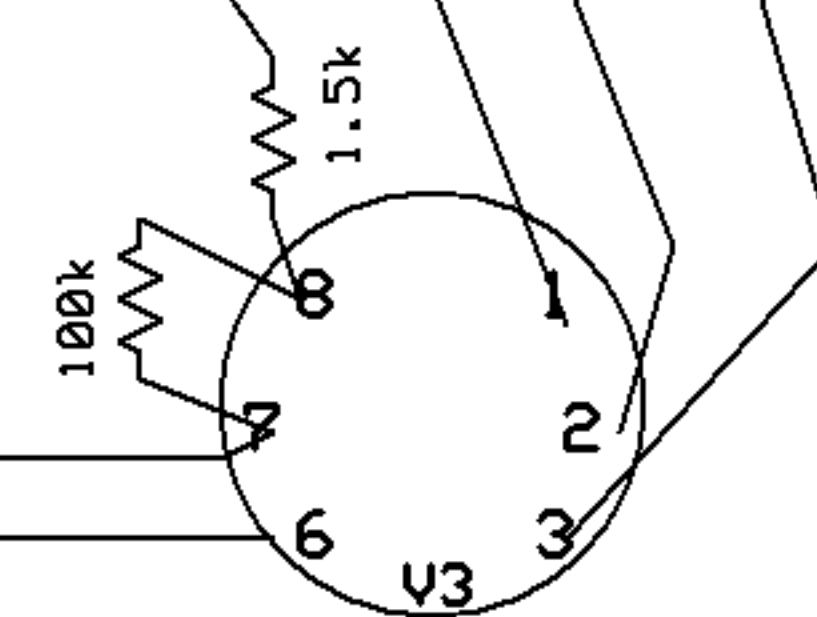
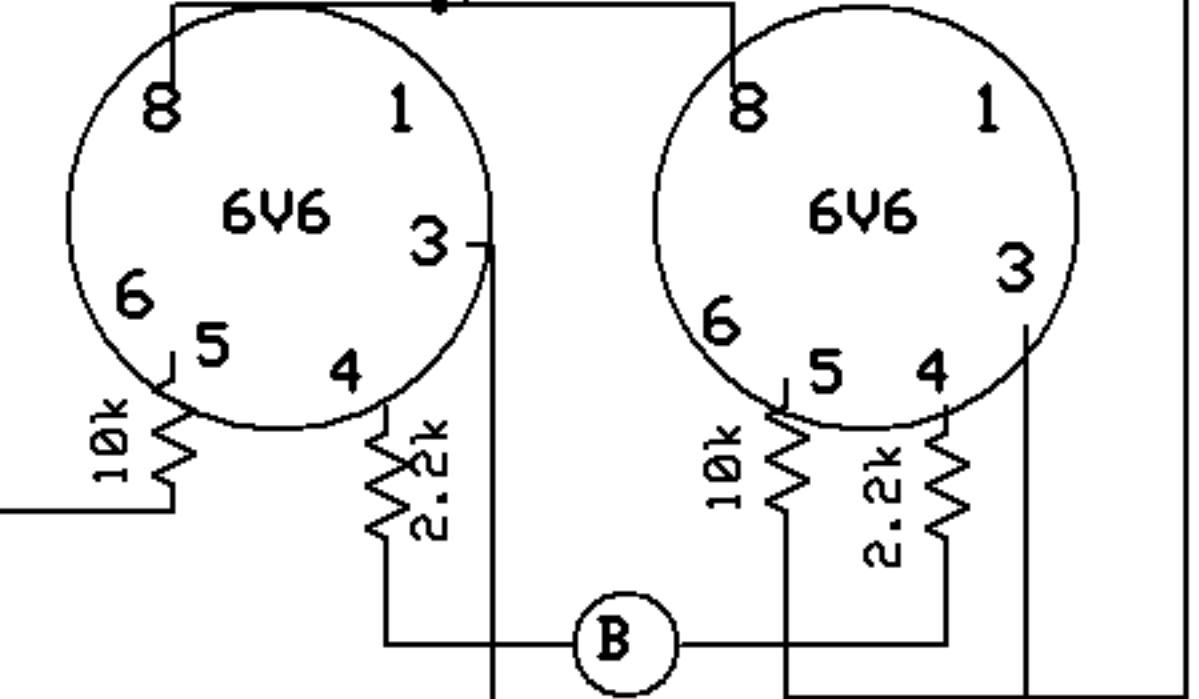
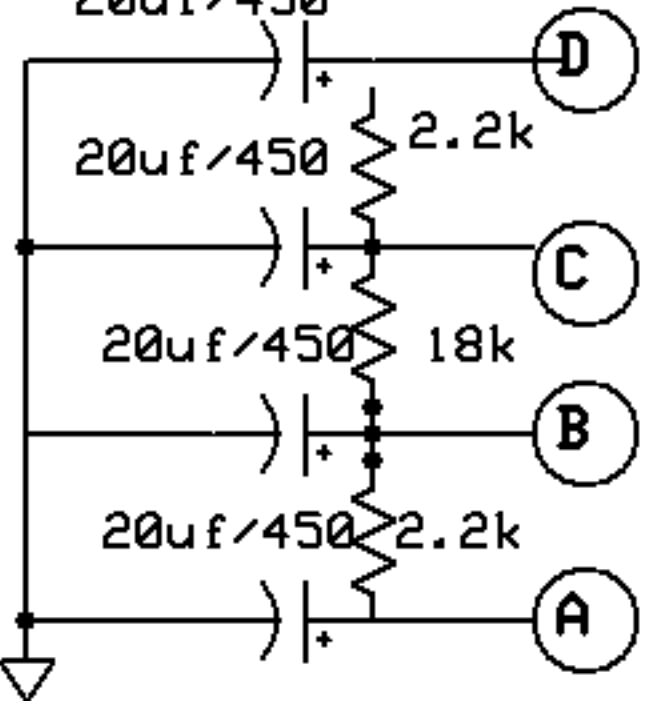
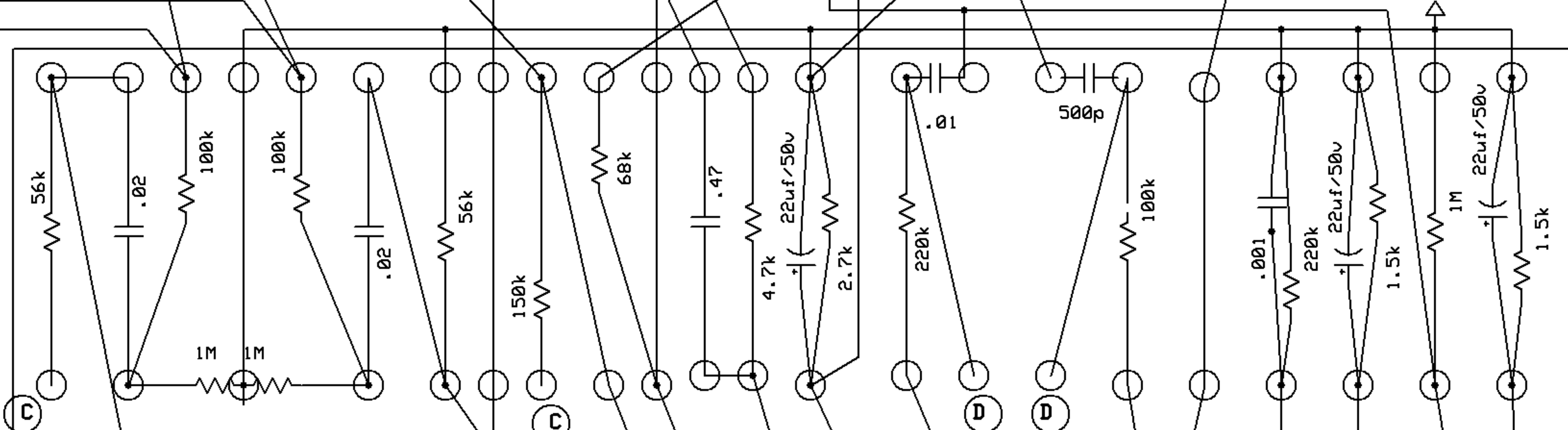
mstr vol

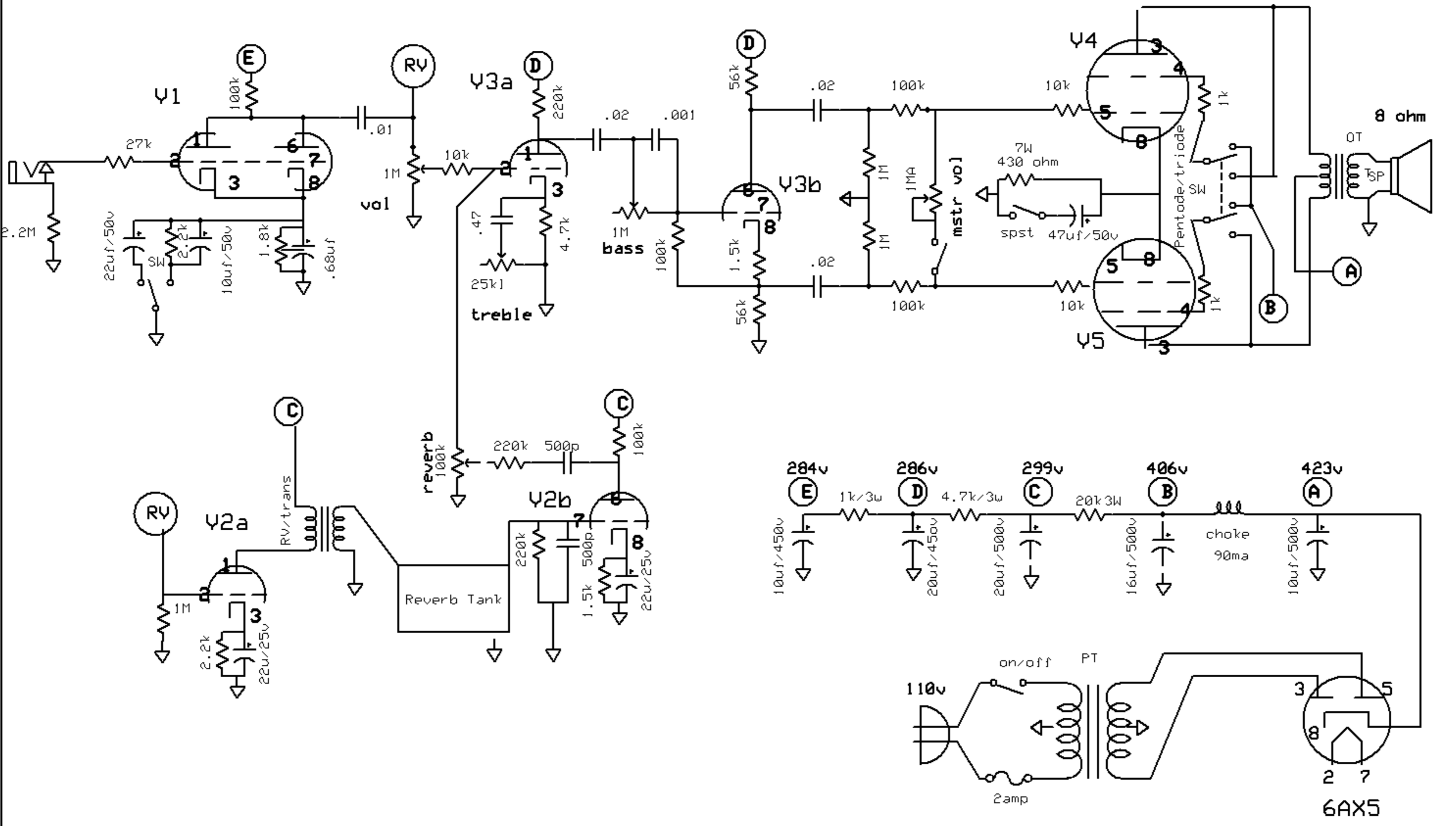
bass .001

treble

vol

reverb

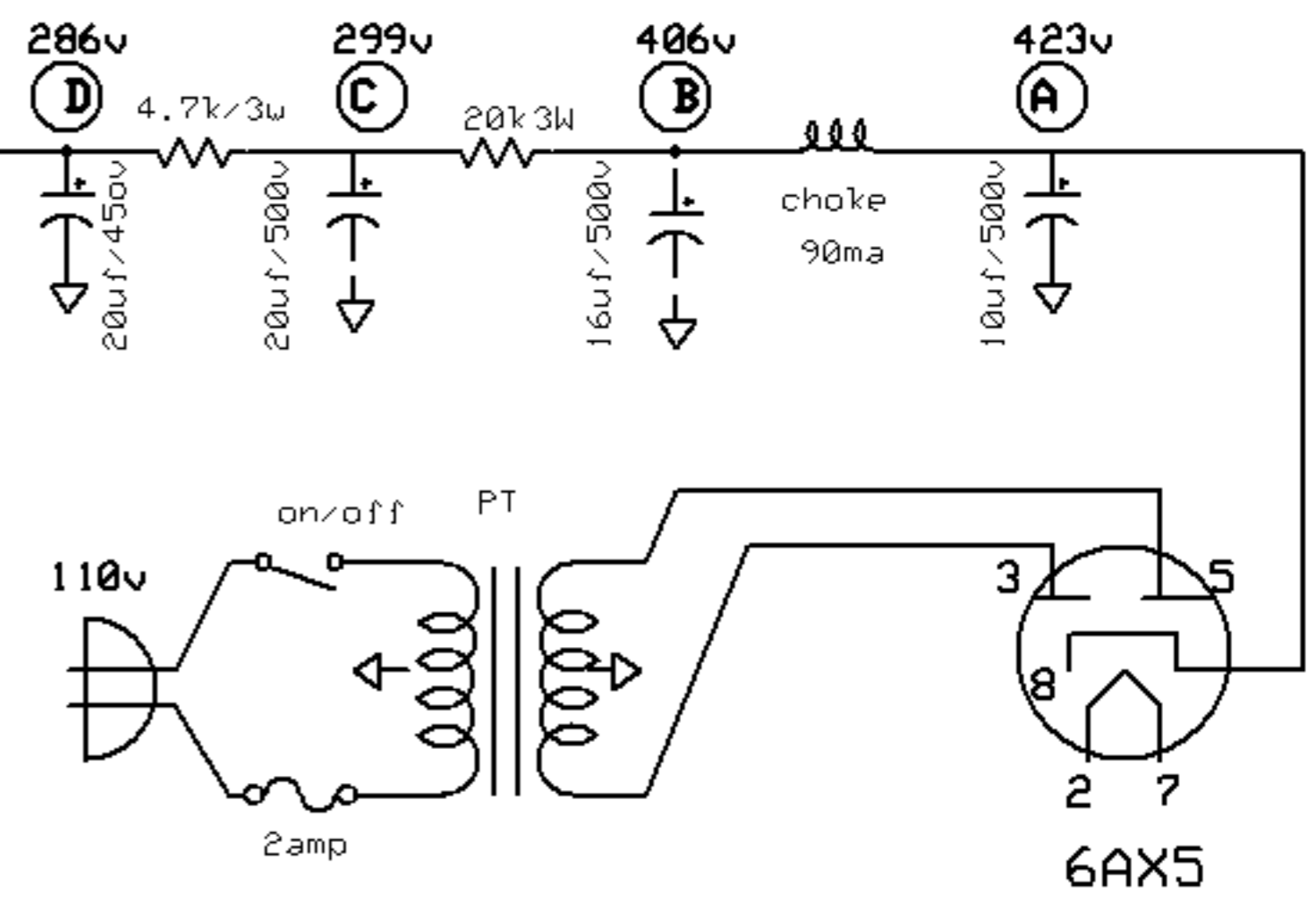




V1	12AX7	pin1 153v	pin1 153v
V2	12AX7	pin1 300v	pin6 192v
V3	12AX7	pin1 176v	pin6 225v
V4	6V6	pin3 423v	pin4 406v
V5	6V6	pin3 423v	pin4 406v

29.7v across 430 ohm resistor = 34.5ma

### Carolina Blues Special



- O/T**
- 1) ground
  - 2) 4 ohm
  - 3) V3 pin3
  - 4) node A/rectifier
  - 5) V4 pin3
  - 6) 245 ohm
  - 7) 8 ohm white
  - 8) 16 ohm
- Bogen CHA-20 PT wiring**
- 1) white and red wire/on-off
  - 3) black wire/on-off
  - 2) blue wire rectifier plate
  - 6) blue wire rectifier plate
  - 5) yellow rectifier/heater
  - 9) orange wire/rectifier heater
  - 4) ground 7) ground 8) open 10) open