

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

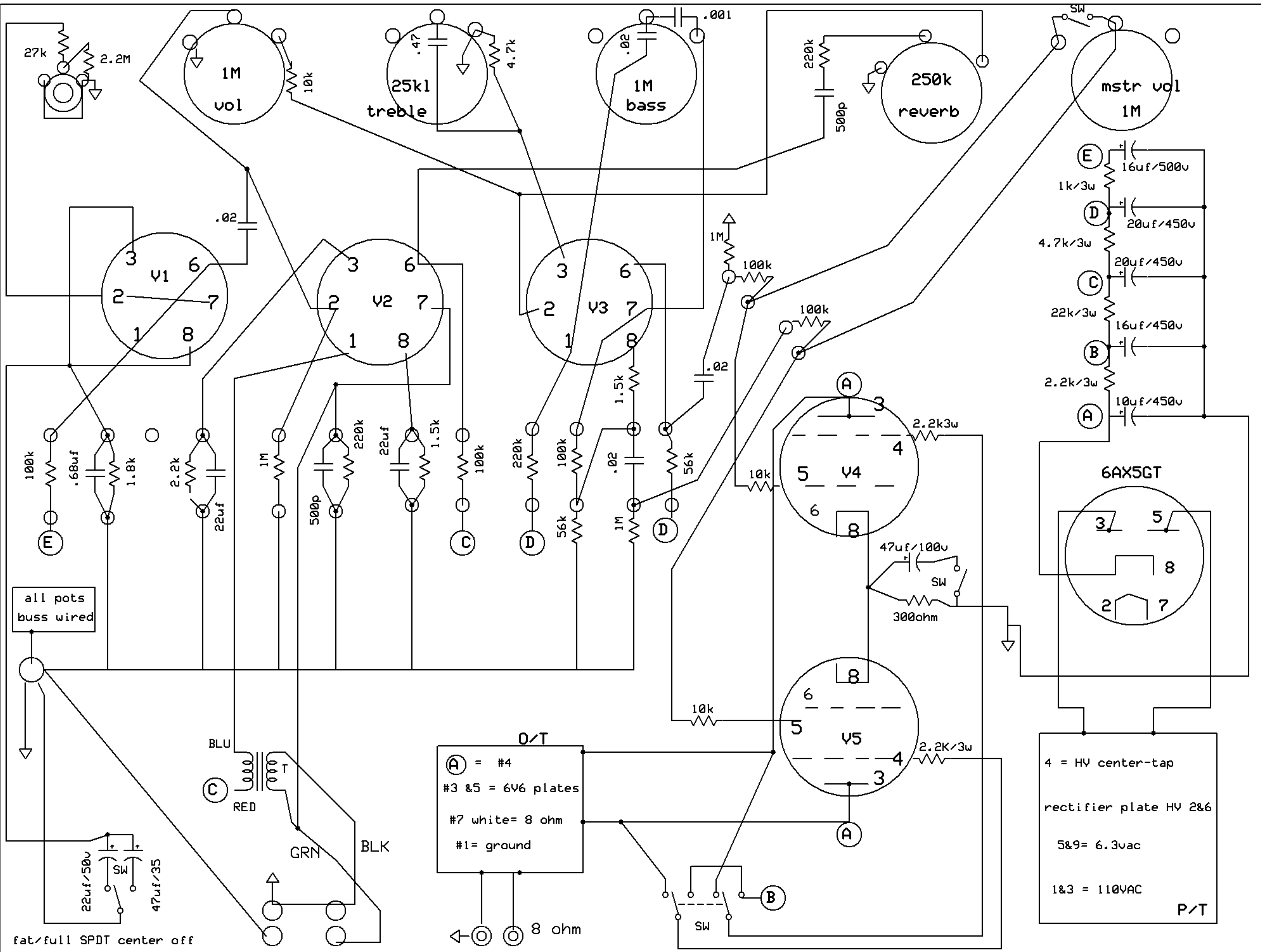
A=423v

B=406v

C=299v

D=286v

E=284v



all pots
buss wired

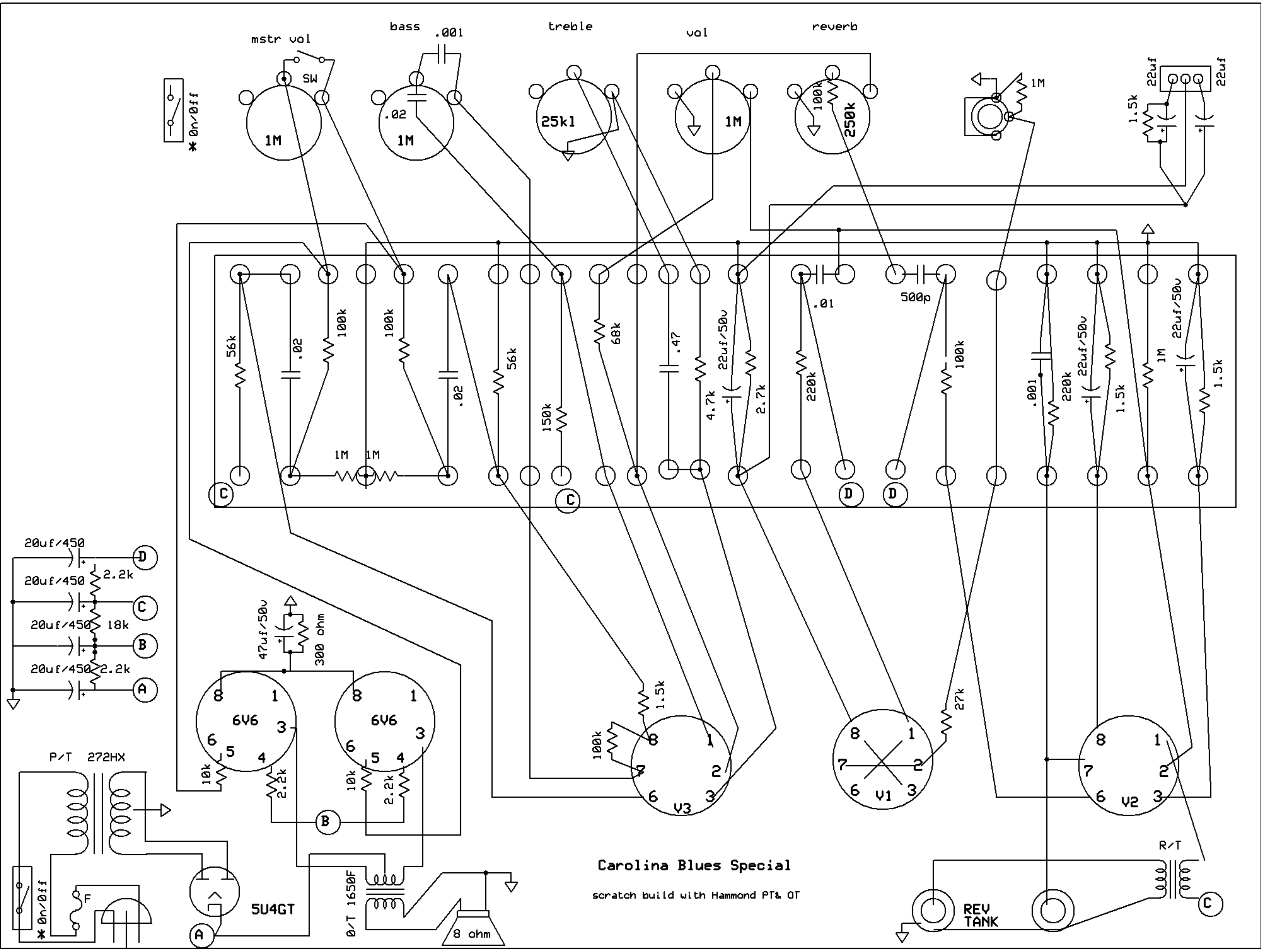
fat/full SPDT center off

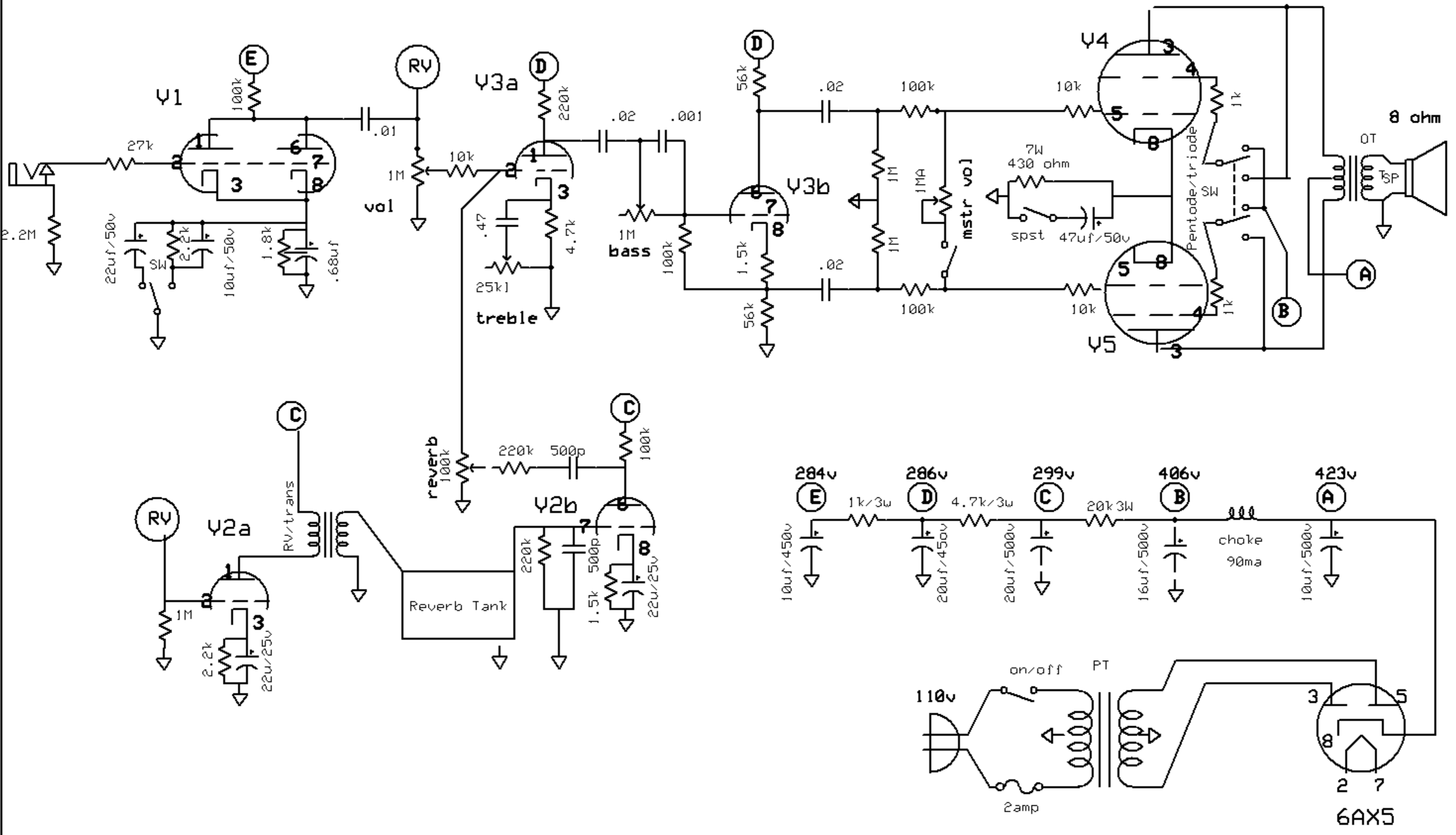
0/T

Ⓐ = #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

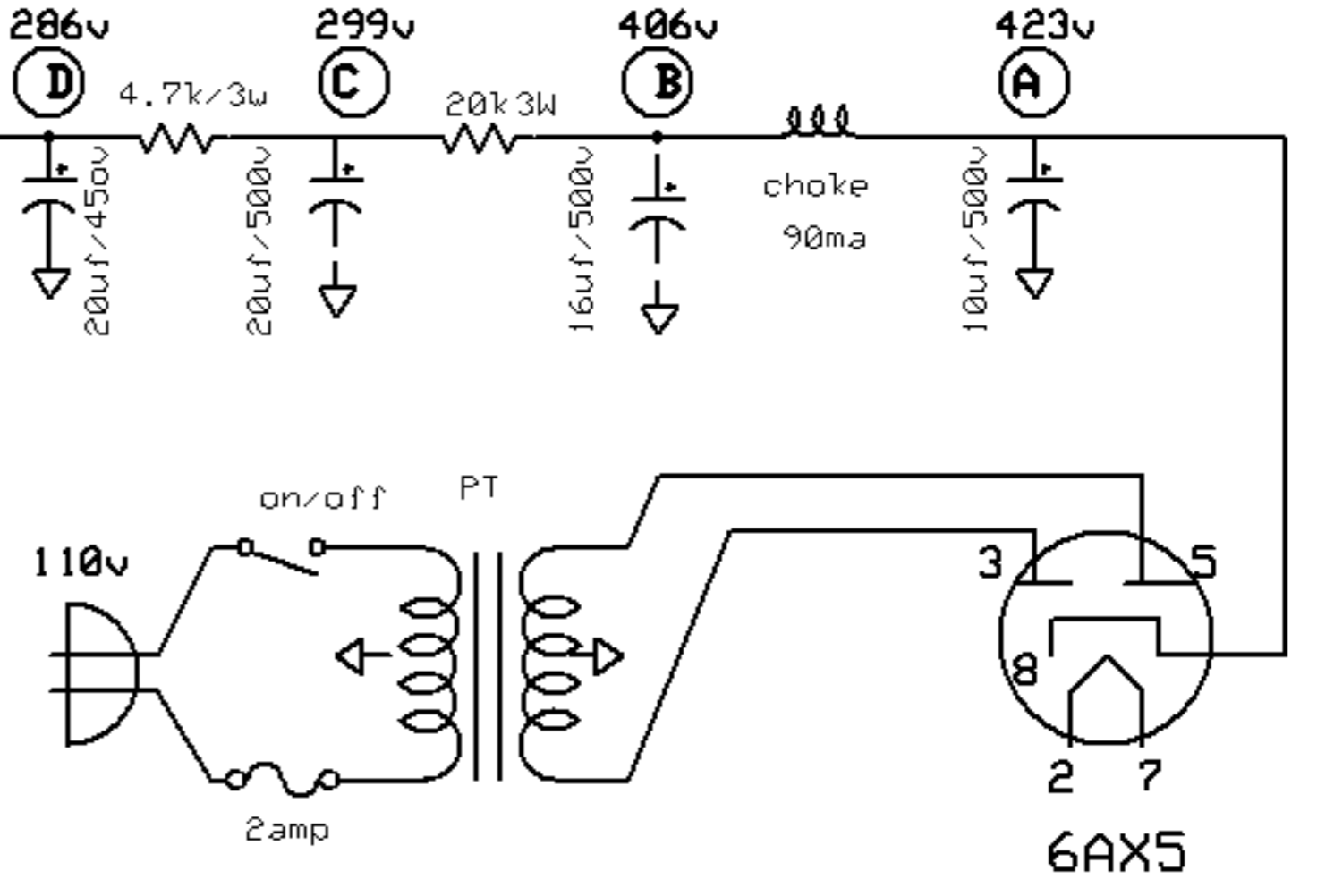




V1	12AX7	pin1 153v	pin1 153v
V2	12AX7	pin1 300v	pin6 192v
V3	12AX7	pin1 176v	pin6 225v
V4	6V6	pin3 423v	pin4 406v
V5	6V6	pin3 423v	pin4 406v

Carolina Blues Special

29.7v across 430 ohm resistor = 34.5ma



- 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