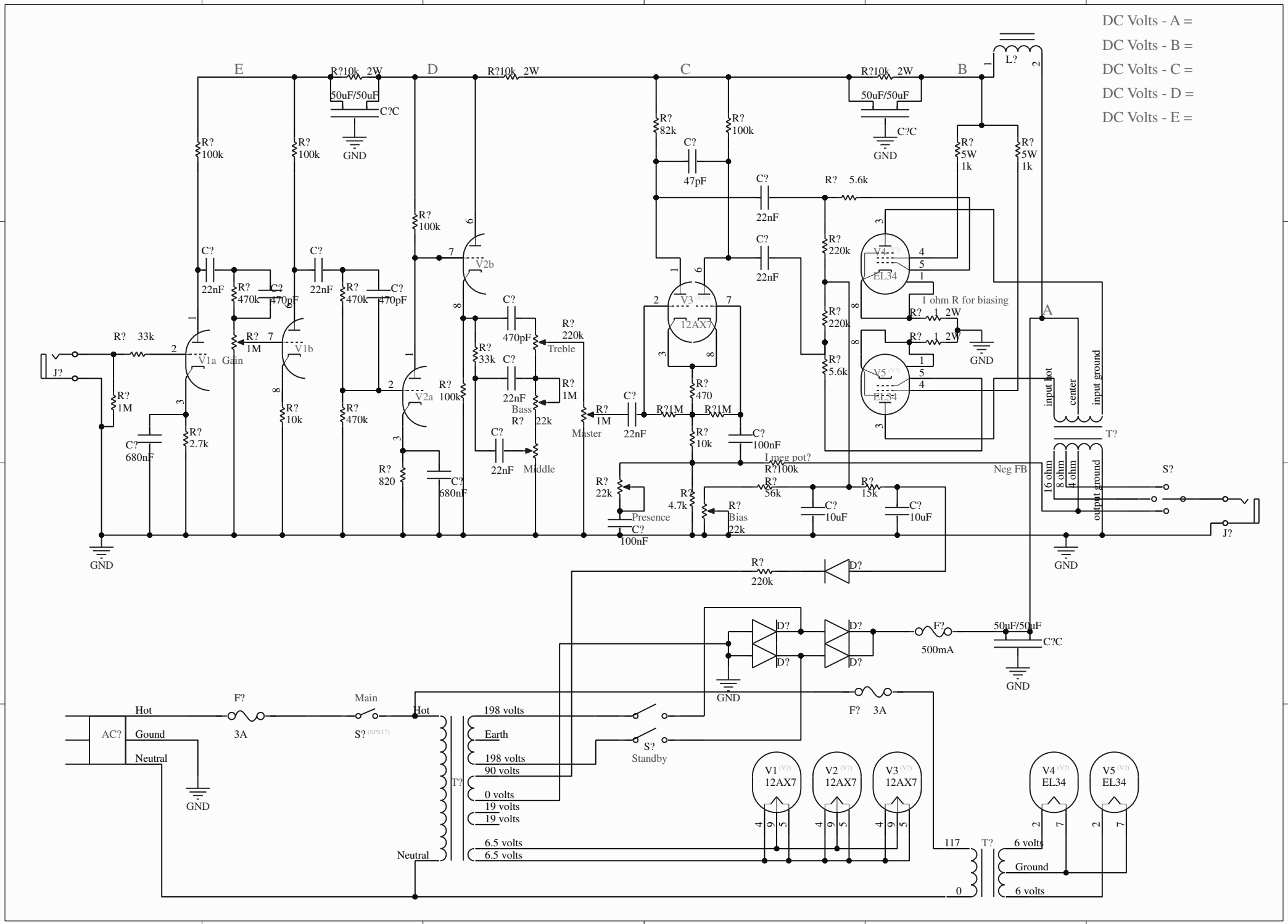
DC Volts - A =
DC Volts - B =
DC Volts - C =
DC Volts - D =
DC Volts - E =
E
D
C
B
A
R?10k 2W
50uF/50uF
C?C
GND
R? 100k
R? 82k
C? 47pF
R? 5W 1k
L?
R? 5.6k
C? 22nF
R? 220k
V4 (V?) EL34
V5 (V?) EL34
1 ohm R for biasing
R? 1 2W
V3 (V?) 12AX7
V2b
V2a
V1a Gain
V1b
R? 33k
J?
R? 1M
C? 680nF
R? 2.7k
R? 470k
C? 470pF
R? 10k
R? 820
R? 100k
R? 33k
Treble
Bass
Middle
R? 22k
Master
R?1M
R? 470
C? 100nF
1 meg pot?
R?100k
Presence
Bias
R? 56k
R? 15k
C? 10uF
R? 4.7k
input hot
center
input ground
T?
Neg FB
16 ohm
8 ohm
4 ohm
output ground
S?
D?
F? 500mA
F? 3A
AC?
Hot
Gound
Neutral
Main
S? (SPST?)
Standby
198 volts
Earth
198 volts
90 volts
0 volts
19 volts
19 volts
6.5 volts
6.5 volts
V1 (V?) 12AX7
V2 (V?) 12AX7
V3 (V?) 12AX7
V4 (V?) EL34
V5 (V?) EL34
117
0
6 volts
Ground
6 volts