

D

D

C

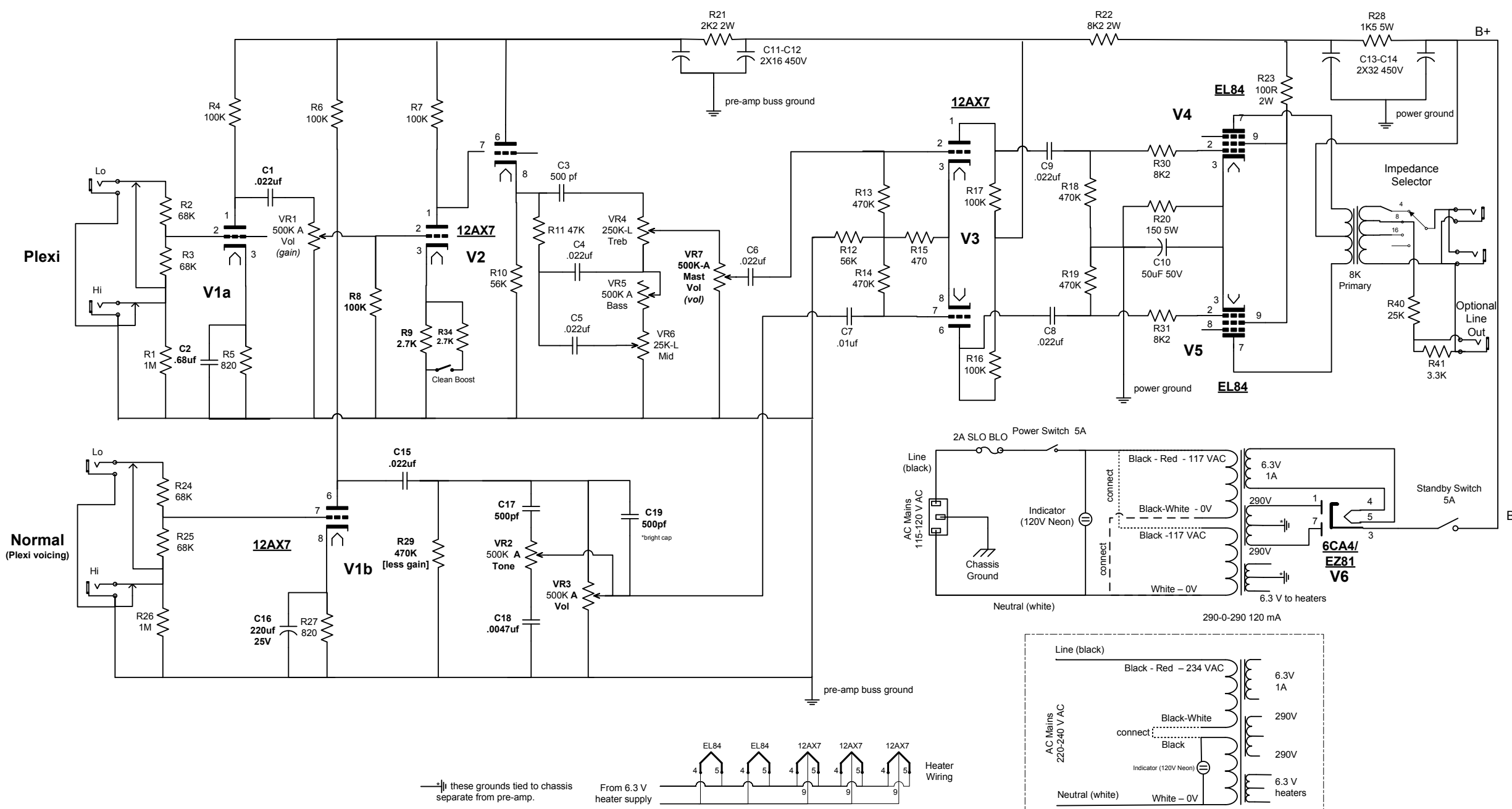
C

B

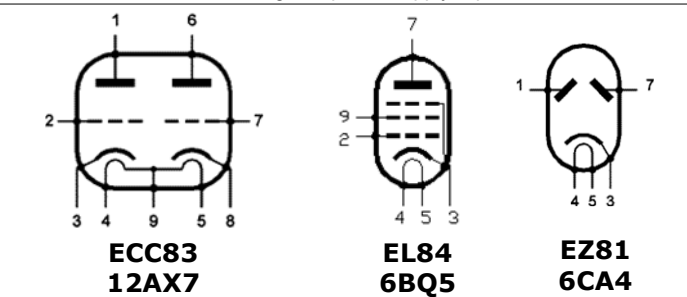
B

A

A



- Notes**
1. Resistors - 1/2 watt carbon composition except as noted and input 68K & 1M which are Carbon Film;
  2. 0.01 & 0.022 Coupling Caps Sozo or Mallory 150 series ;
  3. Metal oxide resistors throughout power supply & plates & on the P-tube screens.



**To Fatten the TMB Channel Tone**

1. Change C1 to 0.022uF
2. Change C2 to 2.2uF -OR- change R5 to 2.7K -OR- both
3. Change R11 to 33K
4. Change VR5 to 500K-A or 250K-A to give the bass control more useful range

**Normal Channel**  
 Increase Gain: 820 ohm R27; 50uF C16; 250K R6. Reduce Gain: 2.2k R27, remove C16; 100K R6.

There are several places to adjust gain and tone in the IIII circuit and each of them do it in a different way and to different effect. You may find you only need one of them, a few of them, all of them, or none of them.

**To Increase Gain on TMB Channel**

1. Remove R8; 2. Change VR1 to 1M-A
3. Change R9 to any value between 470R and 2.7K--lower values = more gain
4. Bypass R9 with a cap between 0.68uF and 47uF. Higher values = more bass
5. Increase R4 to 250K; 6. Increase R7 to 250K
7. You may need to change VR7 to 250K-A or 100K-A to keep the PI from overloading from the increased gain

Rev.	Reason	Date
1	9Oct07 First Release	
2	18May08 mod Bass control connection	
3	mod R15 from 820 to 470 on PI drive	
4	4Oct Corrections: C16 - 220 uF; C19 500pf	
5	1/04/13 updated PI schematic	
6	25/06/25 changed mains to 220-240 VAC	
7	3Apr14 changed C10 to 50uF 50V	

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## 18 Watt Plexi

SIZE	FSCM NO	DWG NO	REV
SCALE	1 : 1	SHEET	4 OF 31