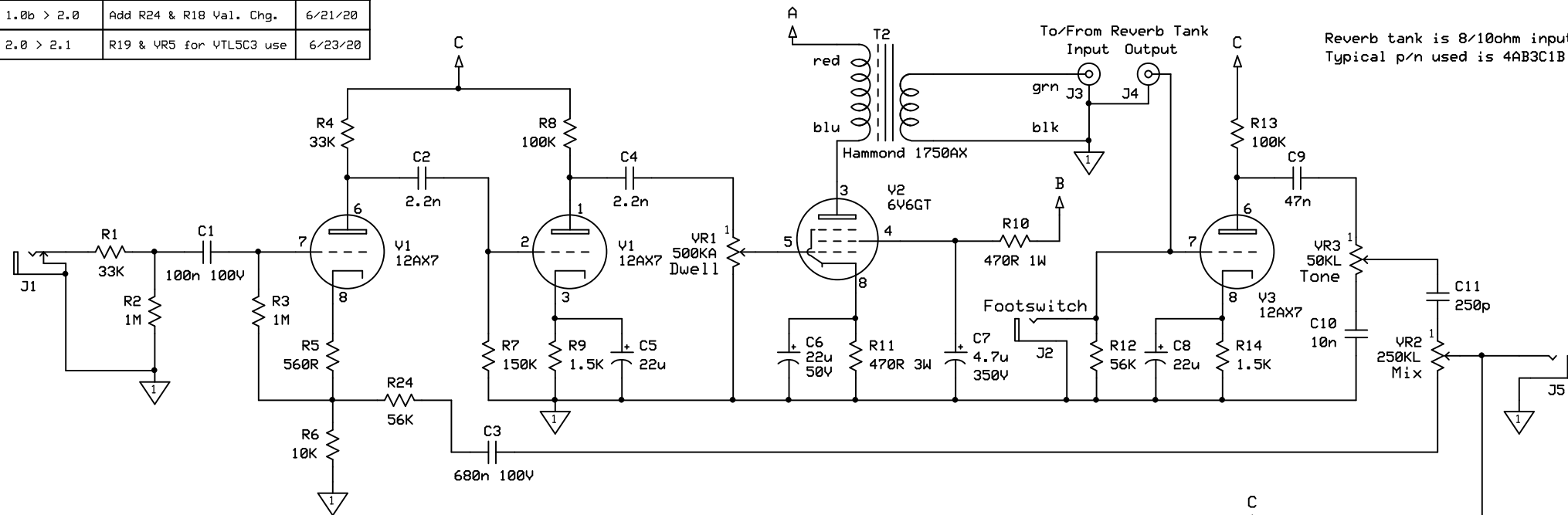
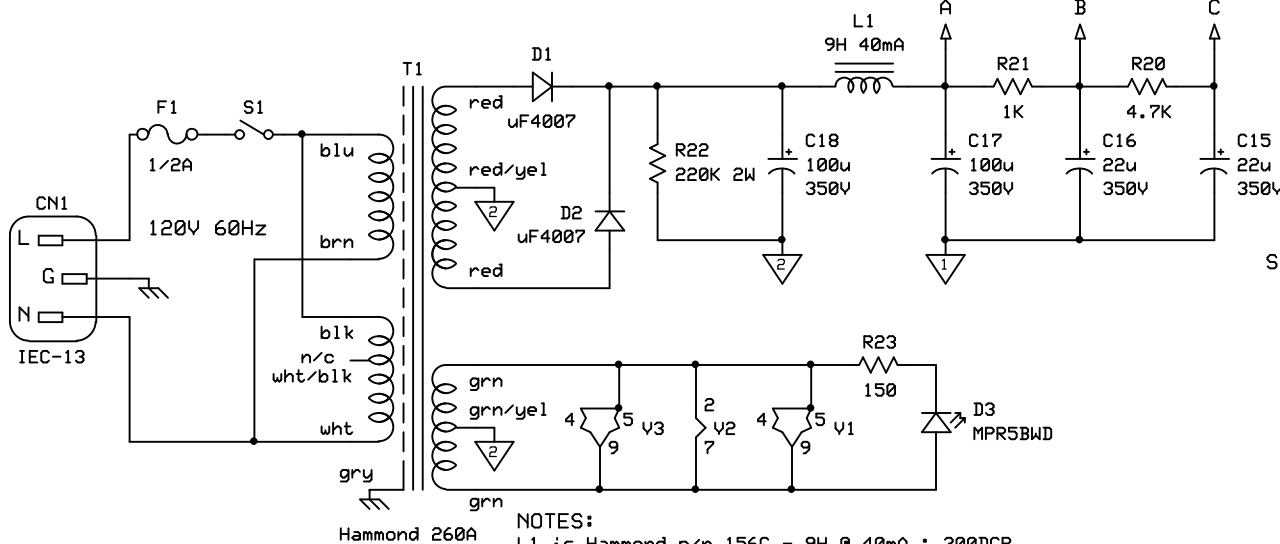


Rev 1	1.0a > 1.0b	C17 & C18 to 100uF	6/19/20
Rev 2	1.0b > 2.0	Add R24 & R18 Val. Chg.	6/21/20
Rev 3	2.0 > 2.1	R19 & VR5 for VTL5C3 use	6/23/20



Reverb tank is 8/10ohm input ; 220ohms output.  
Typical p/n used is 4AB3C1B by Accutronics.



**NOTES:**

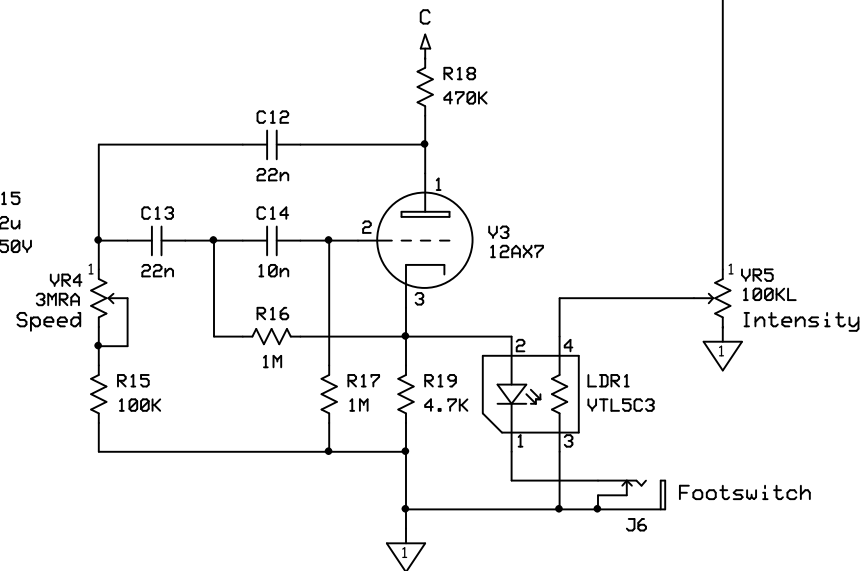
L1 is Hammond p/n 156G - 9H @ 40mA ; 300DCR.  
All resistors 1W metal film/foil, 5% low noise 50ppm, UON.  
All coupling capacitors are 400WVDC, PPF, UON.  
All bypass capacitors are 16WVDC polarized electrolytic, UON.  
S. Lucky published and contributes the Trem-0-Nator tremelo ckts.  
Breadboard prototype w/ Siliconix VTL5C1 or VTL5C3 either works w/ mods: notes below.  
To use Siliconix VTL5C1 vactrol change R19 to 10K and VR5 to 250K for optimum effect.  
Tremelo part values shown for R10 and VR5 are for use with VTL5C3 vactrol.

**Tube Voltage Chart**

	V1	V2	V3
1	145	n/c	118
2	g1	fil	g1
3	1.21	236	1.05
4	fil	247	fil
5	fil	g1	fil
6	177	n/c	149
7	g1	fil	g1
8	16.5	16.15	1.20
9	fil	n/a	fil

n/a = not applicable  
n/c = not connected

A = 248V  
B = 244V  
C = 229V



<b>S.T.A.C.</b>		
<b>Reverb + Tremelo</b>		
P. Mitcheltree	Rev 2.1 4/15/2020	Page 1 of 1