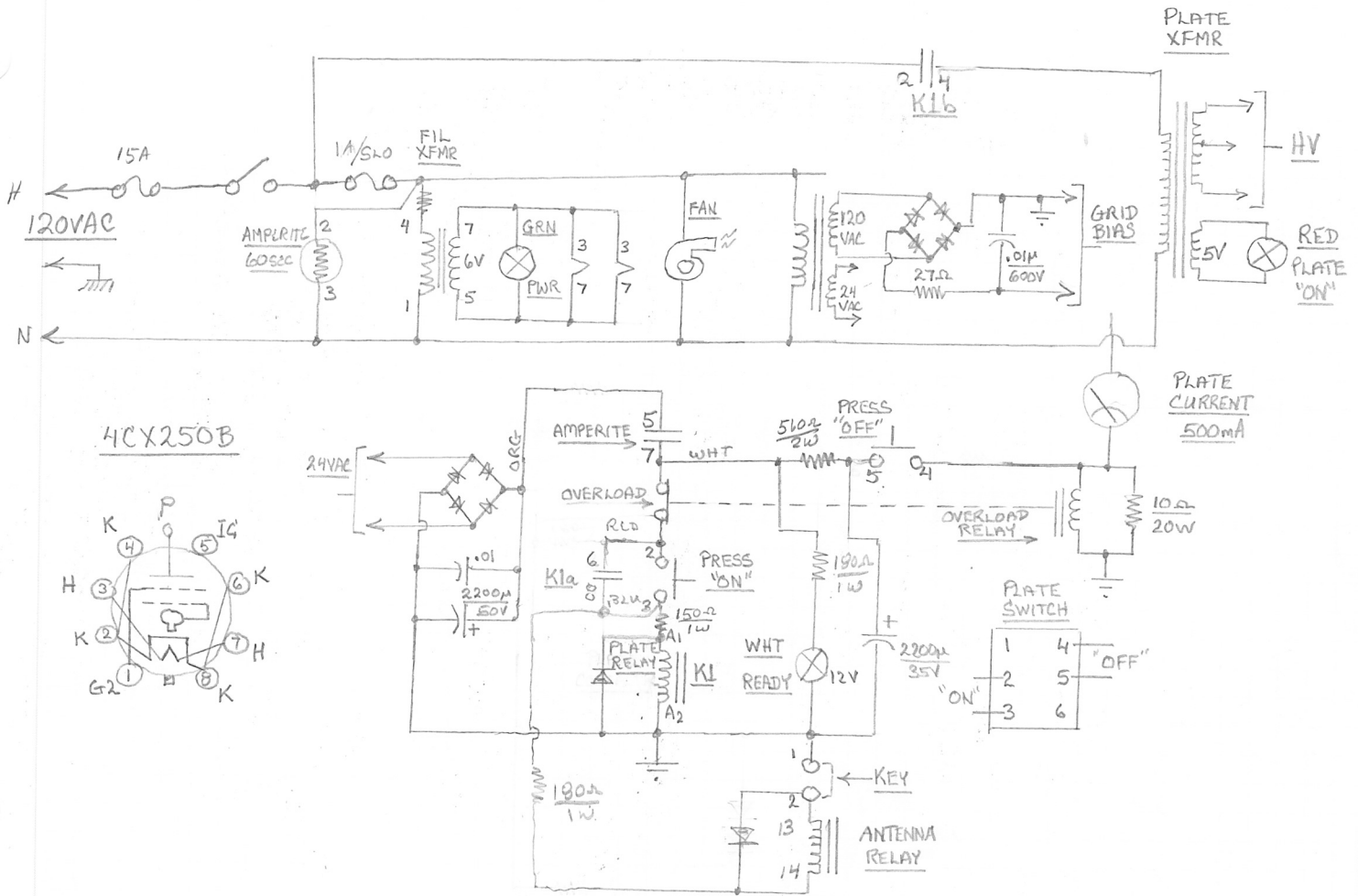
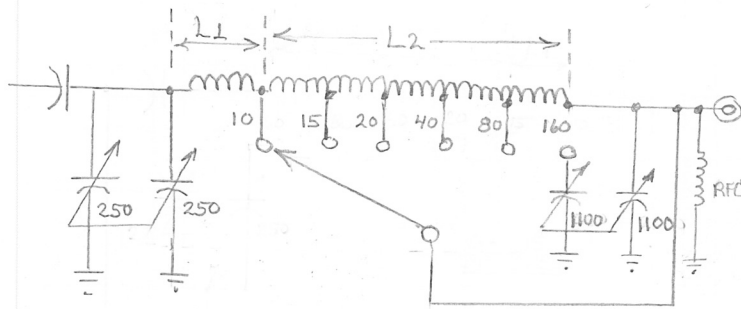


HCX 250B AMPLIFIER

11/29/2018 H. Hurren



4CX250B AMPLIFIER



BAND	TARGET	IND.	TAP	(MEASURED)
10m	1.4 μ h	10mTR coil (L1)		
15m	1.9 μ h	0.5 μ h	2T (.49 μ h)	
20m	2.8 μ h	1.4 μ h	4T (0.60 μ h)	
40m	5.6 μ h	4.2 μ h	8T (4.37 μ h)	
80m	11.1 μ h	9.7 μ h	14T (9.74 μ h)	
160m	21.7 μ h	20.3 μ h	25T (21.67 μ h)	

Fig.1 TANK COIL TABLE

PI NETWORK DETAILS

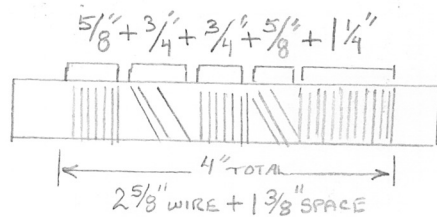
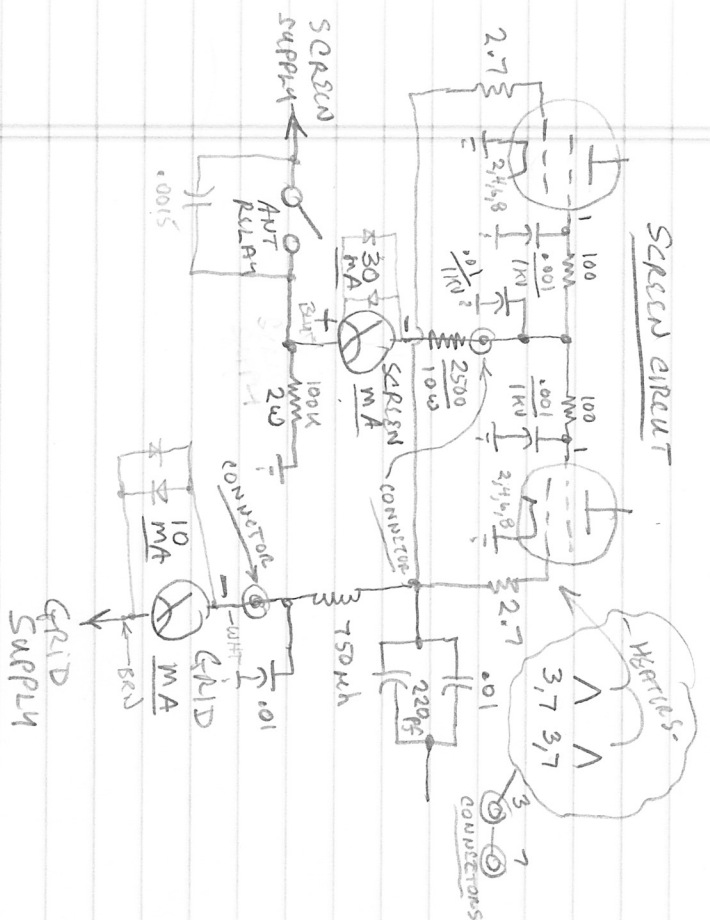
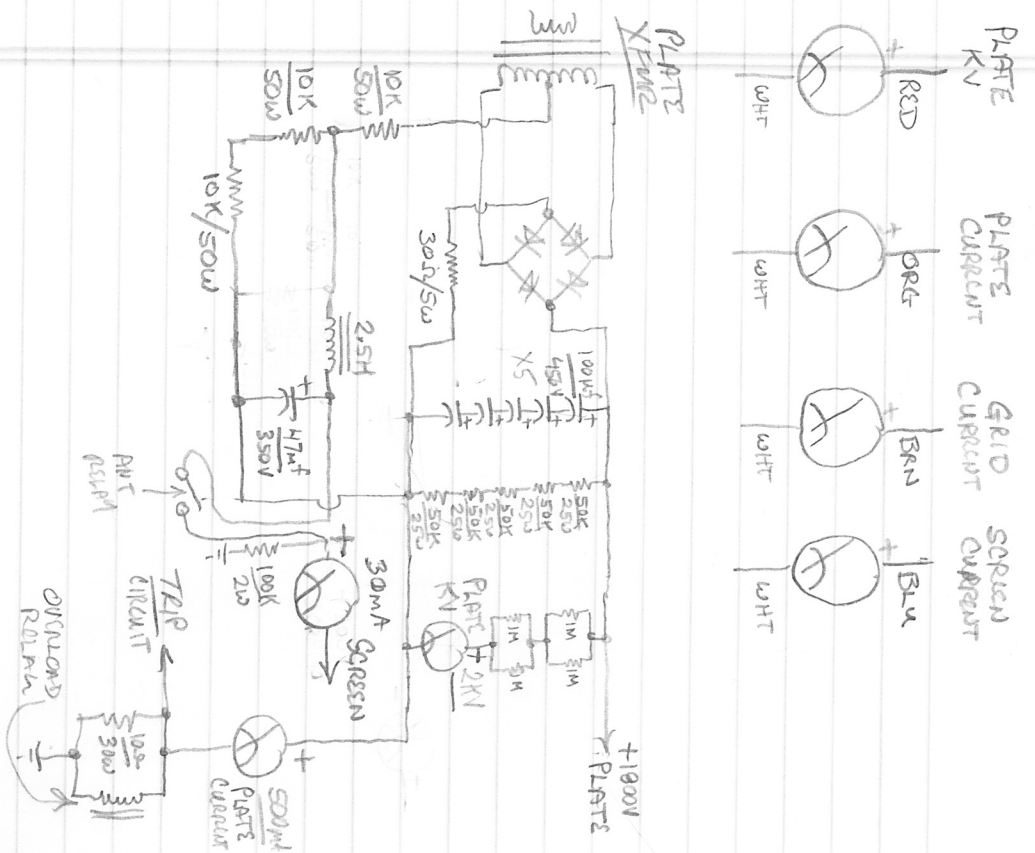


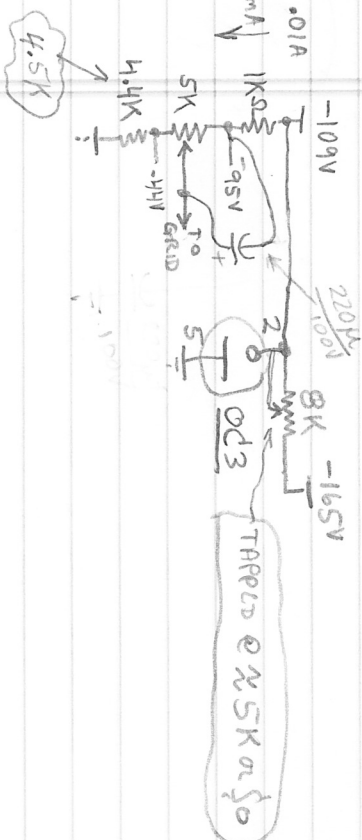
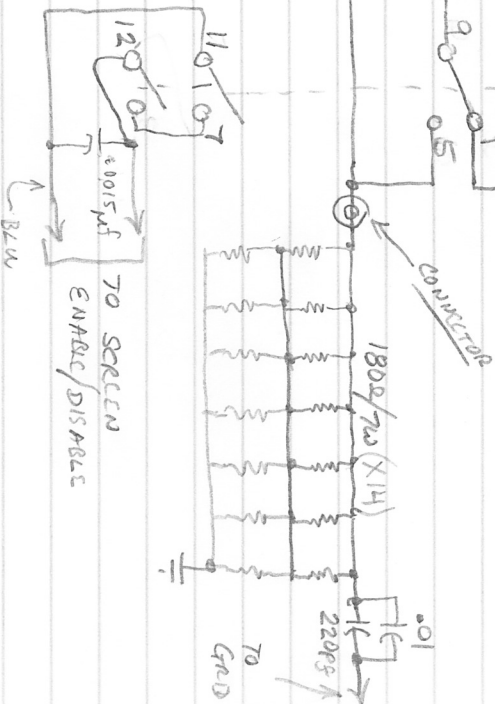
PLATE CHOKE DETAILS

- USE 1" DIA X 6" LONG CERAMIC FORM
- #28 AWG FORM VAR
- $\approx$ 215 μ H TOTAL INDUCTANCE

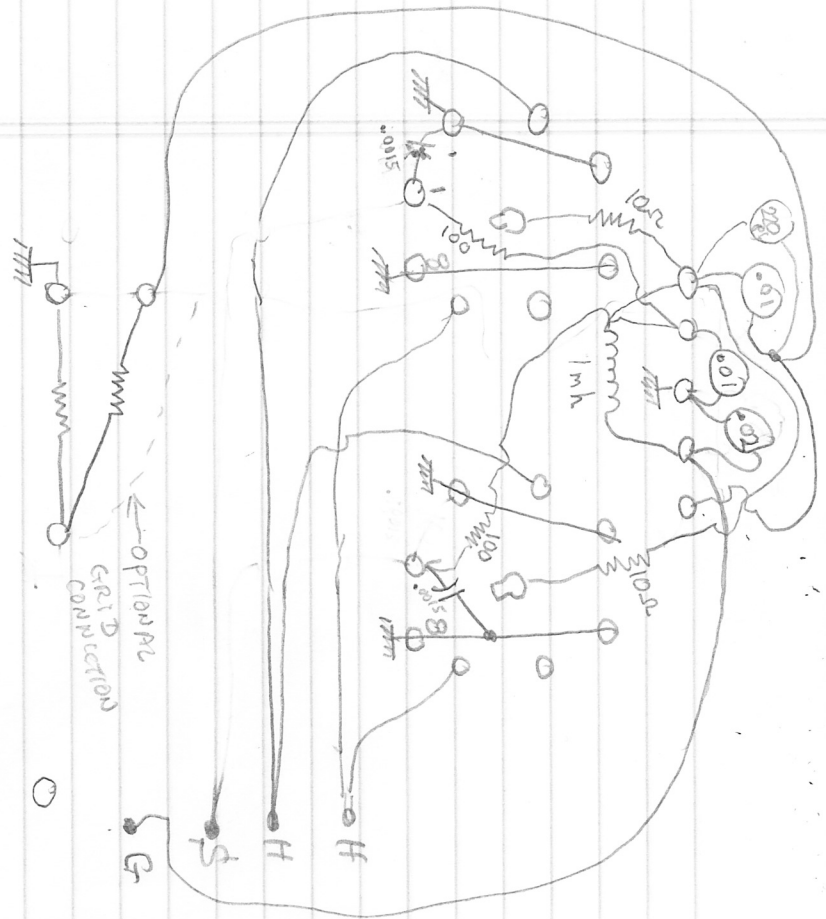
O'CLOCK POS ↓	LOAD~pf.		TUNE~pf PLATE
	10~80	160	
10	9 - 55	85	41.5
5	10 - 97	165	110
25	11 - 194	363	175
41	12 - 335	645	238
57	13 - 522	1015	314
	14 - 782	1530	390
	15 - 1090	2167	453

BAND MEAS. (3000 Ω)	
PLATE	LOAD
9:30	11:30 - 28,250
9:30	11:30 - 21,225
9:30	12:30 - 14,250
10:00	14:00 - 7,200
11:30	15:00 - 3750
13:30	15:00 - 1900





final 12/25/2018



VACUUM PH200C

