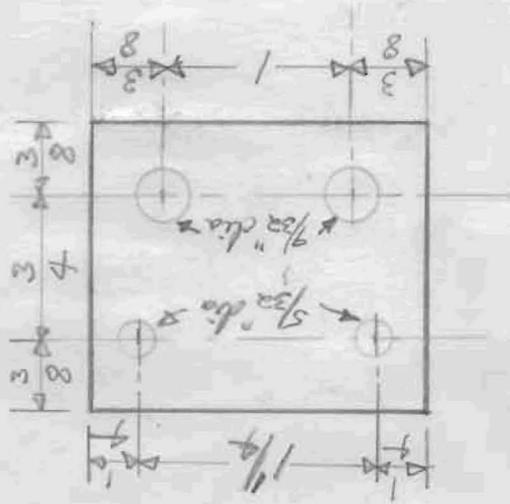


Power Supply
as arranged for
use with 1420 mc
receiver using grounded
grid tubes.

Same, or can be changed back
if desired to operate at 1420 mc.
For other mechanical details see present
power supply information.

The 25- Ω rheostats are in box of variable resistors.
The meters are in box of meters.
The block panel is in one of cabinets on edge.
The fuses are in box of jacks, plugs + sockets.

Plate



Make 7 from $\frac{3}{16}$ " black cobaltite

These are for fusion in back of meters

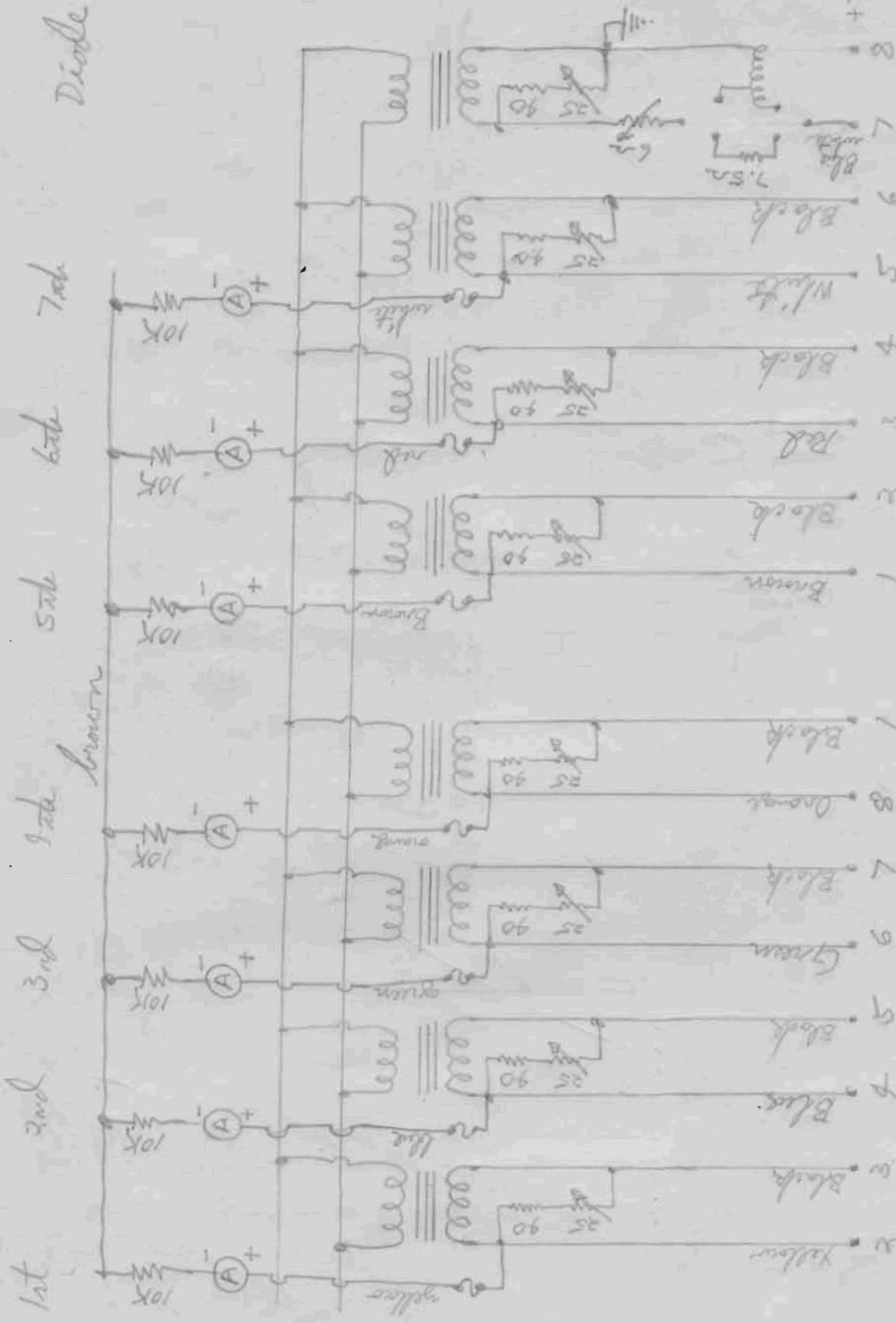
Grote Barber

12-8-50

Pin [#]	Color
1	Black
2	Yellow
3	Purple
4	Green
5	red
6	Grey
7	Blue
8	Brown

Color code of connecting
test cables 12-12-50

Stages



Female Receptacle

Male Receptacle

note the error in connecting the receptacle.

Power Supply Test 1-10-51

Heater Performance

Stage	1	2	3	4	5	6	7
Line Volts #3 Tap.	Secondary Volts 16.5Ω load						
95	5.82	5.82	5.75	5.62	5.52	5.67	5.58
100	6.05	6.02	5.93	5.85	5.75	5.92	5.75
105	6.19	6.13	6.12	6.02	5.92	6.08	5.89
110	6.30	6.25	6.23	6.20	6.06	6.20	6.00
112.5	6.33	6.28	6.28	6.24	6.12	6.24	6.02
115	6.35	6.29	6.31	6.29	6.18	6.27	6.03
117.5	6.37	6.31	6.33	6.31	6.20	6.30	6.05
120	^{119V} 6.37	6.32	^{120V} 6.34	6.33	6.21	^{119V} 6.29	^{120V} 6.05
125	6.34	^{123V} 6.32	6.32	6.35	^{125V} 6.22	6.27	6.05
130	6.30	6.31	6.31	^{127V} 6.35	6.21	6.23	6.03
135	6.26	6.29	6.28	6.33	6.18	6.19	6.00

Line Volts #3 Tap	7Ω load Switch down	8Ω load Switch up	40Ω load Switch up.
95	3.30		7.92
100	3.42		7.65
105	3.46		7.79
110	3.50		7.88
112.5	3.52		7.89
115	^{115V} 3.53		7.89
117.5	3.53		7.88
120	3.52		7.85
125	3.50		7.80
130	3.48		7.76
135	3.46		7.73

On basis of these tests, changed
 primaries of stages #4 & #5 to tap
 #2 and primary of stage #8 to
 tap #4. Now all right should
 regulate within a volt or so.