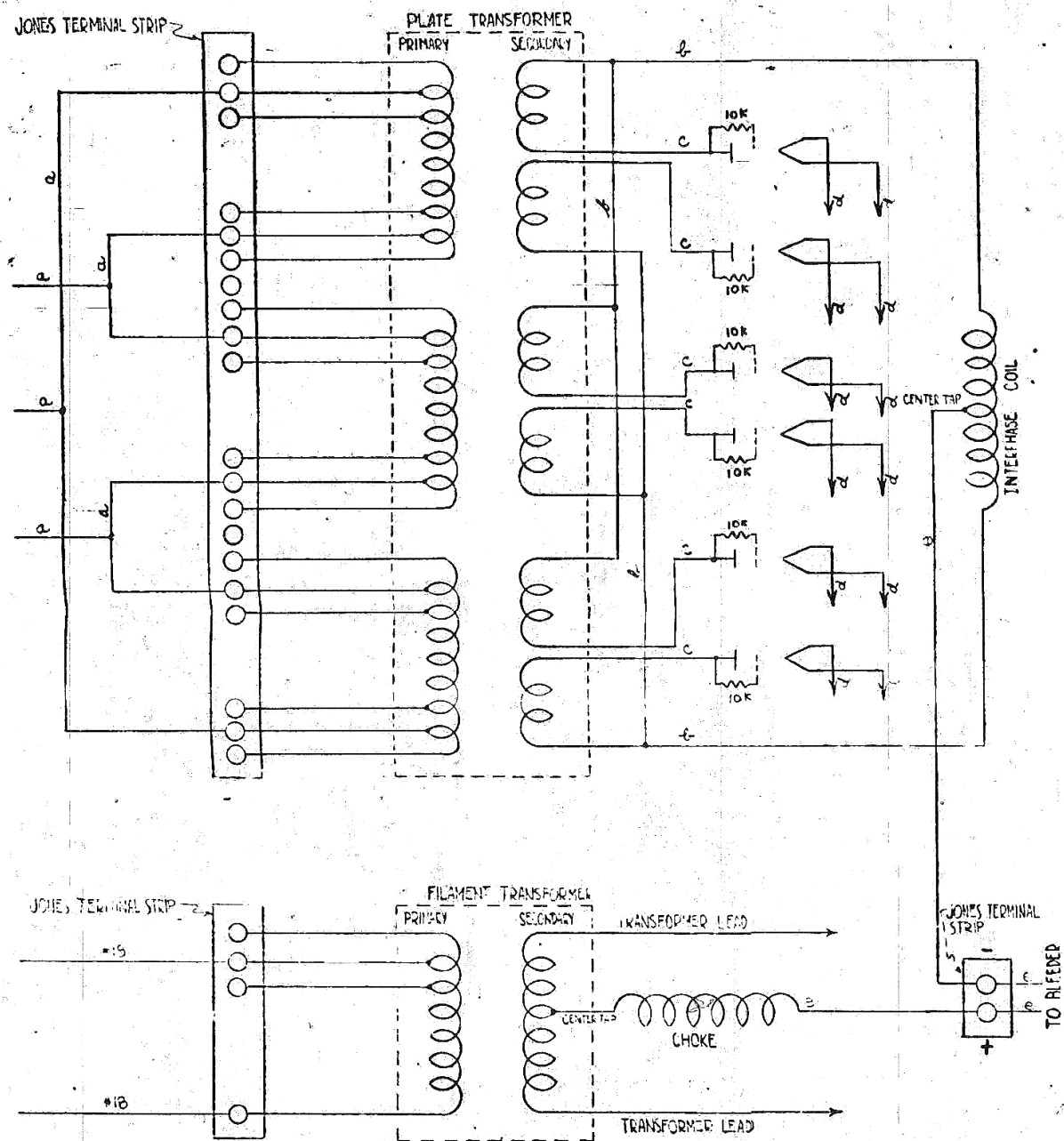


NOTE: When power supply calls for tube C6J, mount 6 sockets, for others mount 3 sockets. Also wire 10K on the C6J and not on the others.



NOTE: NUMBERS LISTED UNDER CHOKE, FILAMENT, INTERPHASE, AND PLATE TRANS. ARE NOTHELPER NOS. PRINTED IN WHITE ON THE TOP OF EACH COIL OR TRANSFORMER.

NOTE: WIRE SIZES ARE FIGURED ON BASIS OF 1/2% DROP FROM SOURCE TO P.C. FUSES 1/2% DROP FROM A.C. FUSES TO BLEEDERS.

POWER SUPPLY MODEL	WIRE 2	WIRE 4	WIRE 6	WIRE 8	WIRE 10	TUBES	CHOKE	FILAMENT XMPR	INTERPHASE TRANS.	PLATE TRANS.	TAPS - 5/11/45	
											I	V
A	#10	#10	#10	#8	#6	308 (C6J)	1943	1939	1938	2001	23.0	272V
B	#16	#16	#16	#8	#14	4B25	1990	1956	1959	2000	7.0	135V
C	#18	#12	#12	#8	#10	4B25	1953	1956	1945	1941	4.0	40
D	#18	#12	#12	#8	#10	4B25	1953	1956	1945	1946	8.0	35
E	#18	#8	#8	#8	#6	4B25	1989	1956	1945	1947	6.0	55
F	#14	#8	#8	#8	#6	308 (C6J)	1871	1939	1872	1874	7.0	194
G	#16	#16	#16	#10	#14	4B25	1945	1951	1959	1974	3.0	253
H	#10	#8	#8	#8	#6	308 (C6J)	1373	1939	1360	1975	16.0	180
I	#10	#8	#8	#8	#6	308 (C6J)	1954	1939	1938	1937-A	27.0	204
J	#18	#14	#14	#10	#12	4B24	1945	1951	1945	1977	4.0	55
K	#18	#10	#10	#8	#8	4B25	1953	1956	1945	1948	4.0	35
L	#16	#8	#8	#8	#6	4B25	1953	1956	1945	1982	11.0	40
M	#14	#8	#8	#8	#6	308 (C6J)	1943	1939	1942	1941	20.0	65
N	#14	#8	#8	#8	#6	308 (C6J)	1943	1939	1942	1983	18.0	91
O	#18	#12	#12	#10	#10	4B25	1953	1951	1959	1986	4.0	105
P	#10	#14	#14	#8	#12	4B25	1950	1956	1959	1944	5.0	185
Q	#8	#14	#14	#10	#12	4B24	1945	1951	1946	1947	3.0	80
R	#18	#2	#2	#2	#10	4B24	1965	1951	1946	1935	3.0	60
S	#18	#12	#12	#8	#10	4B24	1965	1951	1946	1999	3.0	45
T	#16	#12	#12	#8	#10	308 (C6J)	1940	1939	1953	1956	4.0	225
U	#18	#16	#16	#10	#16	4B24	1940	1951	1947	1948	0.6	225
V	#12	#8	#8	#8	#6	308 (C6J)	1957	1939	1942	2002	30.0	55
W	#16	#16	#16	#10	#14	4B25	1953	1951	1959	2003	3.0	180
X	#18	#12	#12	#10	#10	4B24	1965	1951	1946	1952	2.0	2.0
Y	#18	#8	#8	#8	#6	4B25	1953	1956	1945	1952	3.0	2.0
AA	#18	#16	#16	#10	#14	4B24	1965	1951	1946	1984	11.0	65
BB	#16	#18	#18	#10	#16	4B25	1965	1951	2006	1985	3.0	195
CC	#18	#18	#18	#10	#16	4B25	1965	1951	2006	1985	1.5	195
Z	#18						5V4G				5 MILLS	30

*TAPS ADJUSTED TO THIS VALUE OF CURRENT & VOLTAGE, ASSUMING 250 VOLTS ON PRIMARIES

REVISIONS	DATE	BY	DESCRIPTION
1	10/1/45	AWB	ADDED INFORMATION FOR TAPS.
2	10/1/45	AWB	CORRECTED "WIRE 6" COLUMN REMOVED.
3	10/1/45	AWB	ADDED INFORMATION FOR TAPS.
4	10/1/45	AWB	ADDED INFORMATION FOR TAPS.
5	10/1/45	AWB	ADDED INFORMATION FOR TAPS.
6	12-6-46	F. ROBT. MICHAEL	NOTE REFERING TO WIRING CHANGES REMOVED.

MOORE SCHOOL OF ELECTRICAL ENGINEERING
UNIVERSITY OF PENNSYLVANIA

STANDARD POWER SUPPLY WIRING DIAGRAM

MATERIAL FINISH SCALE

Drawn by: J. EDLBERG
Checked by: AWB
Approved by: PX-13-104

MARCH 6, 1945