

OUTPUT SOCKET CONNECTIONS

4 OHMS - PINS 1 & 2
8 OHMS - PINS 1 & 3
16 OHMS - PINS 1 & 4
600 OHMS - PINS 7 & 8
70.7 VOLTS - PINS 5 & 6

PIN 6 IS GROUND AND 600 OHM CT

PREAMP INPUT SOCKET CONNECTIONS

PIN 1 - GROUND
PIN 2 - PREAMP INPUT (2.5V)
PIN 3 - Not USED
PIN 4 - 310V B+ AT 3.5MA
PIN 5 - 0.5 VOLT INPUT
PIN 6 - Not USED
PIN 7 & 8 - 6.3V AT 1A

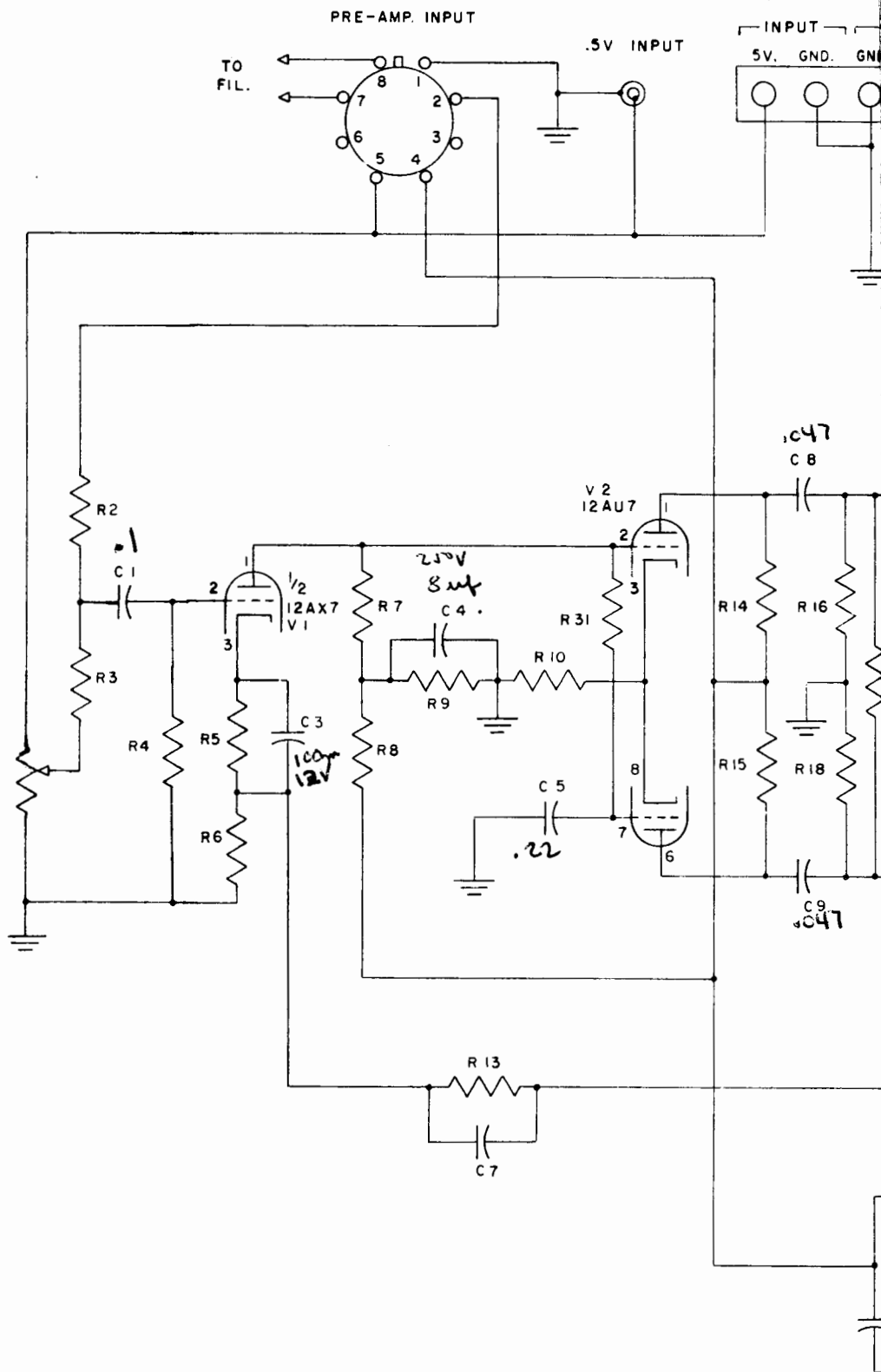
C1 .1MF, 200V
C2 Not USED
C3 100 MF, 12V
C4 8MF, 250V
C5 .22MF, 400V
C6 Not USED
C7 470MHF, 500V
C8 .047MF, 10%, 600V
C9 .047MF, 10%, 600V
C10 .22MF, 600V, FILM
C11 .22MF, 600V, FILM
C12A 35MF, 500V
C12B 80MF, 500V
C13 15MF, 450V
C14 .47MF, 200V
C15 .47MF, 200V

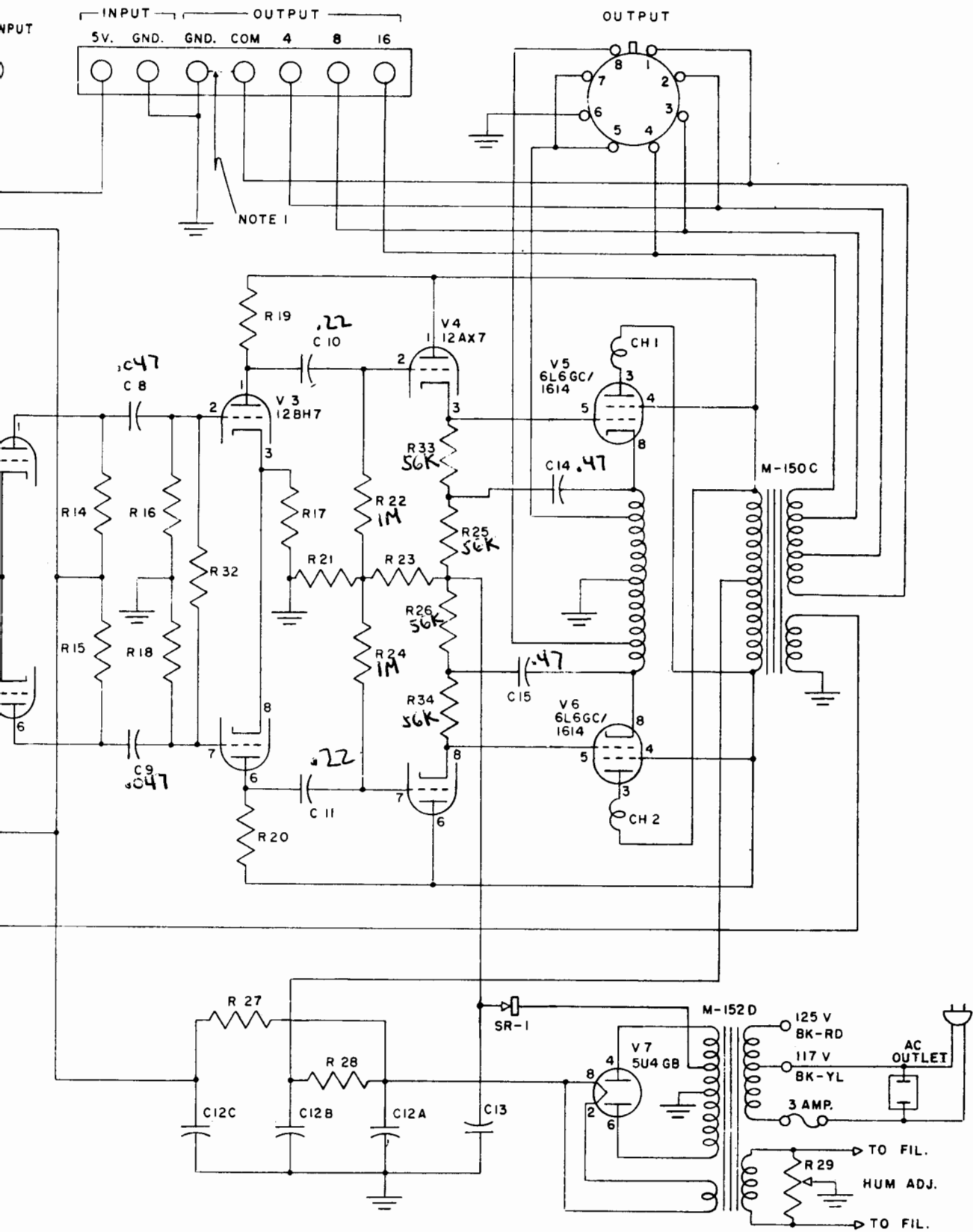
R1 250K, LINEAR
R2 100K
R3 27K
R4 1M
R5 3.3K
R6 68 OHMS, 5%
R7 100K
R8 330K
R9 680K
R10 18K, 1W
R11 Not Used
R12 Not Used
R13 2.2K, 5%
R14 27K, 5%
R15 30K, 5%
R16 220K
R17 1.2K
R18 220K
R19 12K*, 2W
R20 12K*, 2W
R21 56K, 5%
R22 1M
R23 100K, 5%
R24 1M
R25 56K
R26 56K
R27 10K, 10W
R28 150 OHMS, 10W
R29 250 OHMS, LINEAR
R30 Not Used
R31 2.2M
R32 330K
R33 56K
R34 56K

*MATCHED TO 1%

SRI 400PIV, 10MA

NOTE 1 - THIS JUMPER STRAP MAY BE REMOVED IF UNGROUNDED LOW IMPEDANCE OUTPUTS ARE DESIRED.





REVISIONS					
NO.	DATE	BY			
1					
2					
3					
4					
5					
			MODEL MC-30, POWER AMPLIFIER		
DRAWN BY		SCALE	MATERIAL		
CHK'D		DATE 3.14.60	DRAWING NO.		
TRACED		APP'D	SC-111-137		

Tub
12A
(Inp

12A

12B

12A

6L6GC
(Both T

5U4

VOLTAGE AND RESISTANCE CHART

Tube	Pin No.	DC Volts No Signal	DC Volts at 30W out	AC Volts at 30W out	Resistance Unit off
6AX7 (put)	1	134	120	1.3	330K*
	2	0	0	0.24	1M
	3	1.2	1.1	0.22	3.3K
	4&5	Fil	6.3 V. ac to Pin 9	-	0 to 70
	6, 7, 8	-	-	-	-
	9	Fil	-	-	0 to 70
6AU7	1	270	235	9	40*
	2	134	120	13	330K*
	3&8	138	126	0.57	18K
	4&5	Fil	6.3 V. ac to Pin 9	-	0 to 70
	6	270	235	9	43K*
	7	110	100	0	26M*
	9	Fil	-	-	0 to 70
6BH7	1	355	295	132	12K*
	2	0	0	9	220K
	3&8	16	14	0.32	1.2K
	4&5	Fil	6.3 V. ac to Pin 9	-	0 to 70
	6	355	295	132	12K*
	7	0	0	9	220K
	9	Fil	-	-	0 to 70
6AX7	1	440	365	94	185*
	2	-46	-46	134	1M
	3	-45	-45	118	270K
	4&5	Fil	6.3 V. ac to Pin 9	-	0 to 70
	6	440	365	94	185*
	7	-46	-46	134	1M
	8	-45	-45	118	270K
	9	Fil	-	-	0 to 70
6C/1614 (Tubes)	1	0	0	0	-
	2	Fil	6.3 V. ac to Pin 7	-	0 to 70
	3	440	365	94	200*
	4	440	365	94	200*
	5	-45	-45	118	270K
	6	-	-	-	-
	7	Fil	-	-	0 to 70
	8	1.1	2.7	94	25
6XGB	1	-	-	-	-
	2	455	400	7.9 (Ripple)	0*
	3	-	-	-	-
	4	395 AC	385 AC	385	45
	5	-	-	-	-
	6	395 AC	385 AC	385	45
	7	-	-	-	-
	8	455	400	-	0*