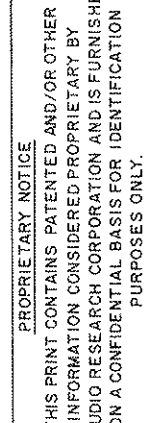




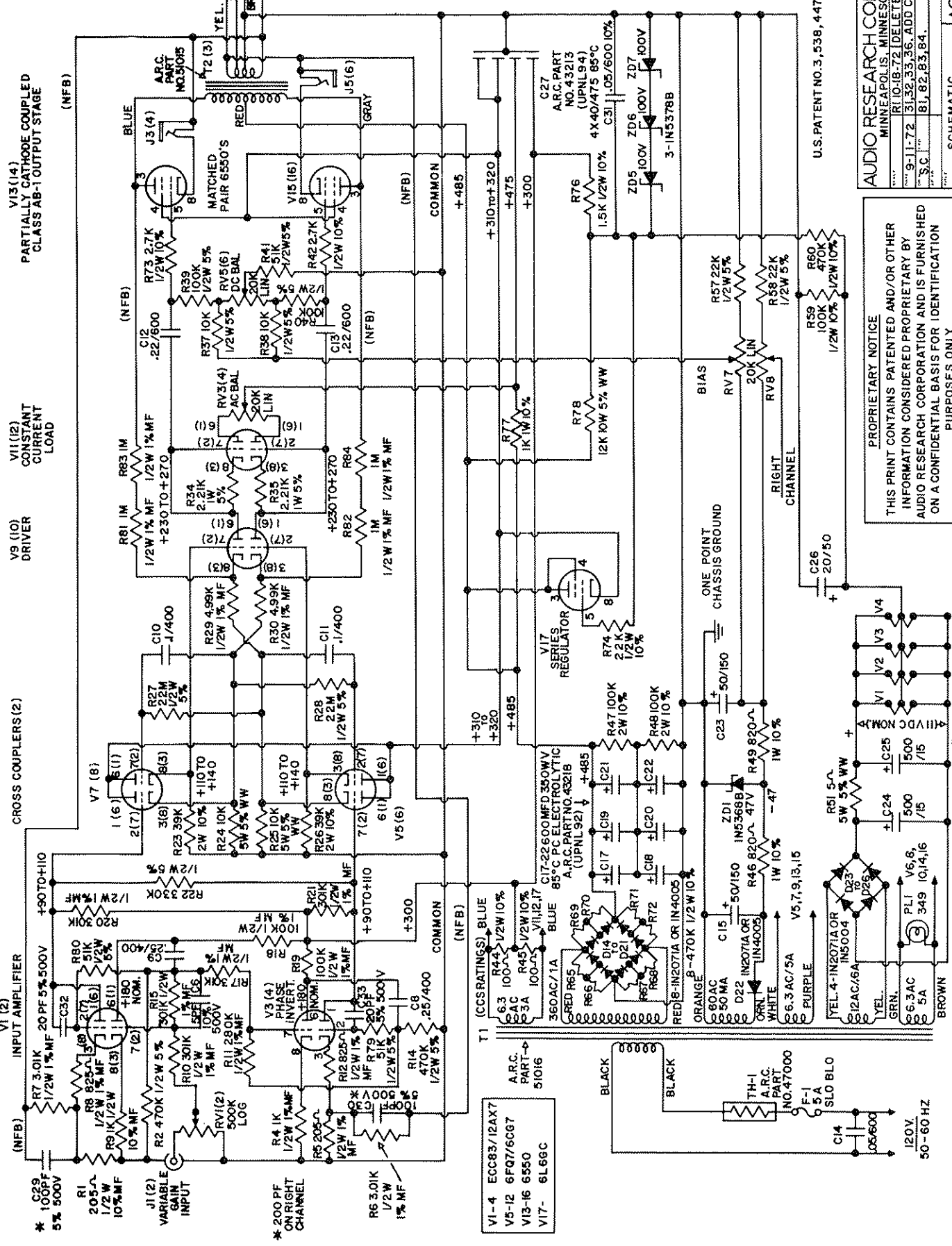
3900 ANNAPOLIS LANE NORTH / PLYMOUTH, MINNESOTA 55447-5447 / PHONE: 763-577-9700 FAX 763-577-0323

D51 POWER AMPLIFIER
SCHEMATICS & CHASSIS/TUBE
LAYOUT



LEFT CHANNEL SHOWN (RIGHT CHANNEL TUBE PINS, WHERE DIFFERENT, ARE IN PARENTHESIS)

ACE-395-R1



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9-1-72 31, 32, 33, 36, ADD C32, 33, R79, 80,
SC 81, 82, 83, 84.

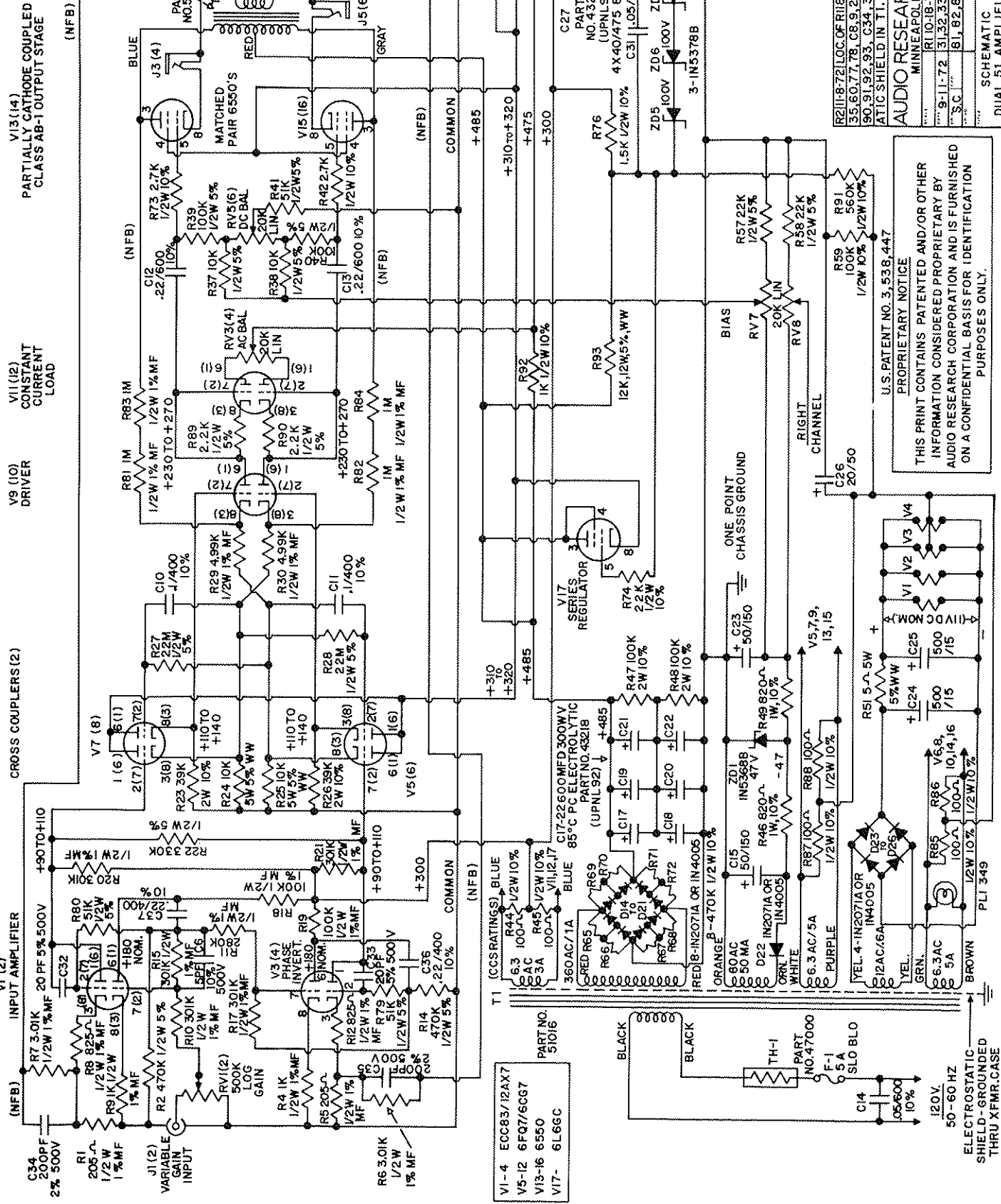
- 1- ALLOW 15 MINUTE WARMUP
- 2- SET BIAS TO MIN. THD AT 90W AT 1KHZ (40-60MA IDLE PER TUBE OR NOM. 50MA).
- 3- SET OC BAL. TO EQUAL IDLE CURRENT PER TUBE.
- 4- SET AC BAL. TO MIN. THD AT 75W AT 1KHZ (2%, 0.05 TO 0.70NM).
- 5- IF WITHOUT DISTORTION MEASURING EQUIPMENT, SET ALL 4 OUTPUT TUBES TO 50MA EACH AFTER 30 MINUTE WARMUP.

DUAL 51 FIELD SETUP AND CHECKOUT

U.S. PATENT NO. 3,538,447

ACE-395-R1

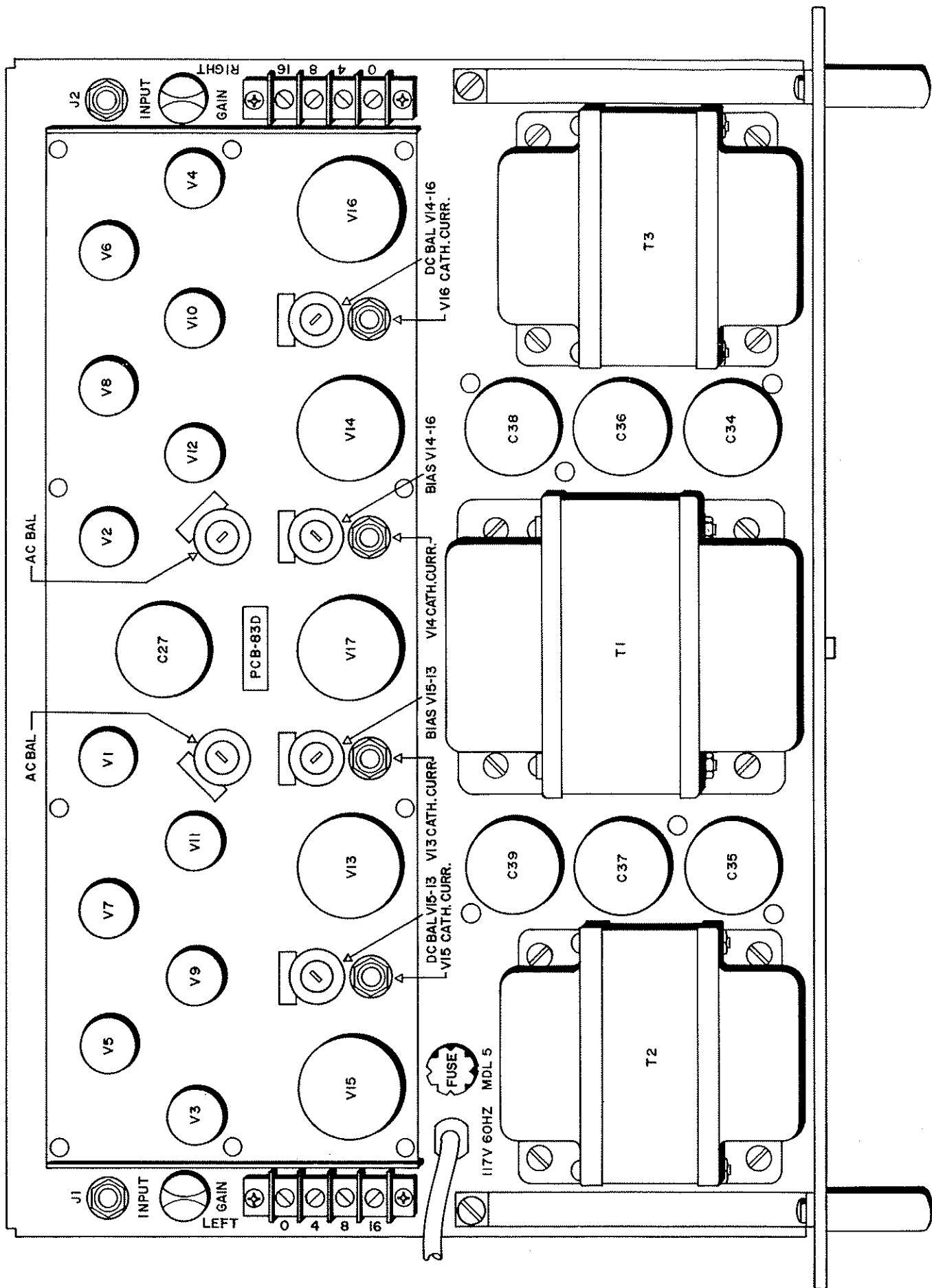
SCHEMATIC
DUAL 51 AMPLIFIER



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SC	81,82,83,84.

ACE-395-R2
SCHEMATIC
DUAL 51 AMPLIFIER



D-51 CHASSIS AND TUBE LAYOUT