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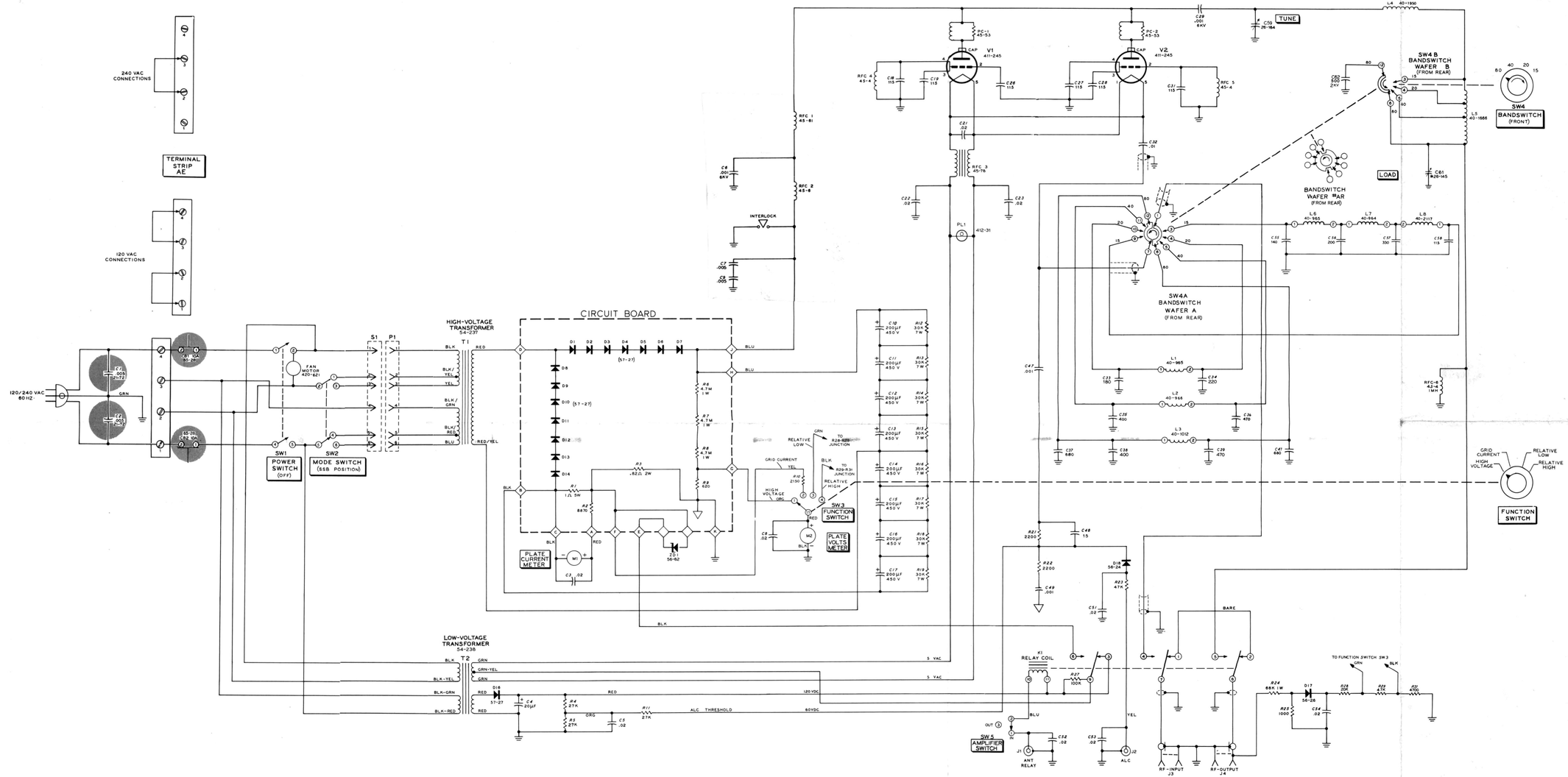

SCHEMATIC OF THE HEATHKIT® 2KW LINEAR AMPLIFIER MODEL HL-2200

NOTES:

1. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE INDICATED. VALUES ARE IN OHMS (K=1000, M=1,000,000).
2. CAPACITOR VALUES LESS THAN 1 ARE IN μF. VALUES OF 1 AND ABOVE ARE IN pF UNLESS MARKED OTHERWISE.
3. THE BANDSWITCH IS IN THE 80 METER POSITION. ARROWS INDICATE THE DIRECTION OF ROTATION FOR THE VIEW SHOWN.
4. ▽ THIS SYMBOL INDICATES A CONNECTION TO CIRCUIT BOARD GROUND FOIL.
   Ⓐ THIS SYMBOL INDICATES A CONNECTION TO THE CIRCUIT BOARD.
5. PARTS IN SHADED AREAS ARE CRITICAL FOR CONTINUED SAFETY. REPLACE THEM ONLY WITH PARTS OF THE SAME RATING OR WITH THE PROPER HEATH PARTS.

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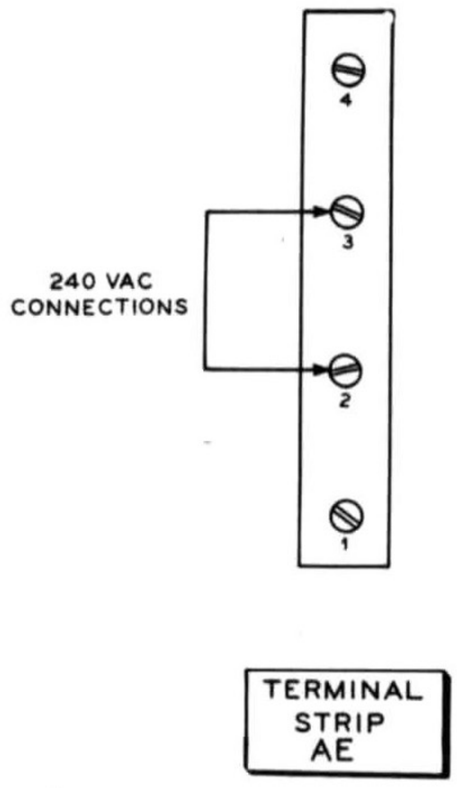
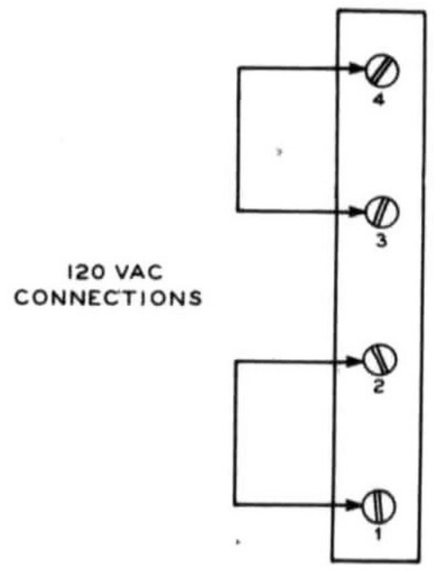
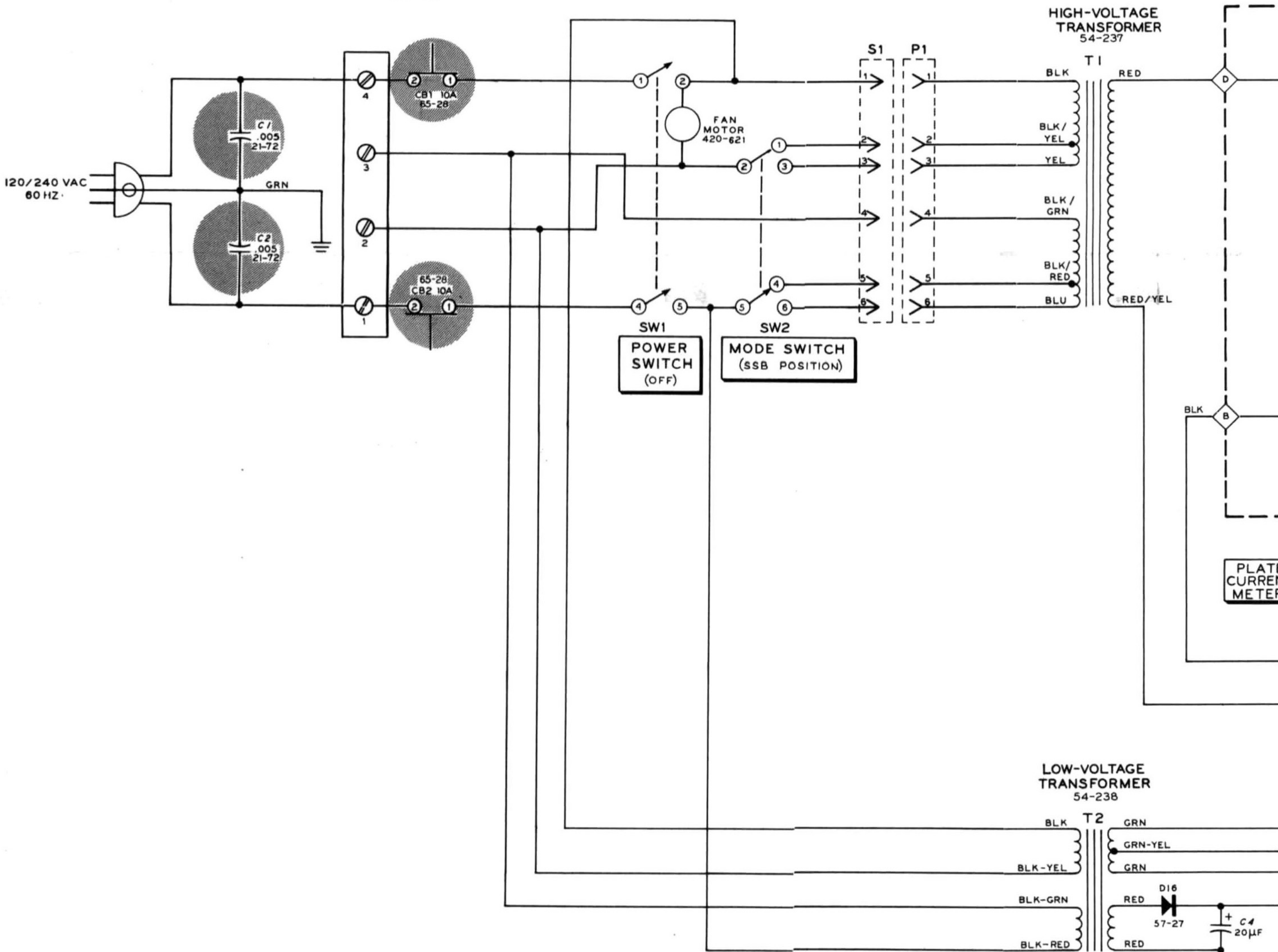


TERMINAL STRIP AE





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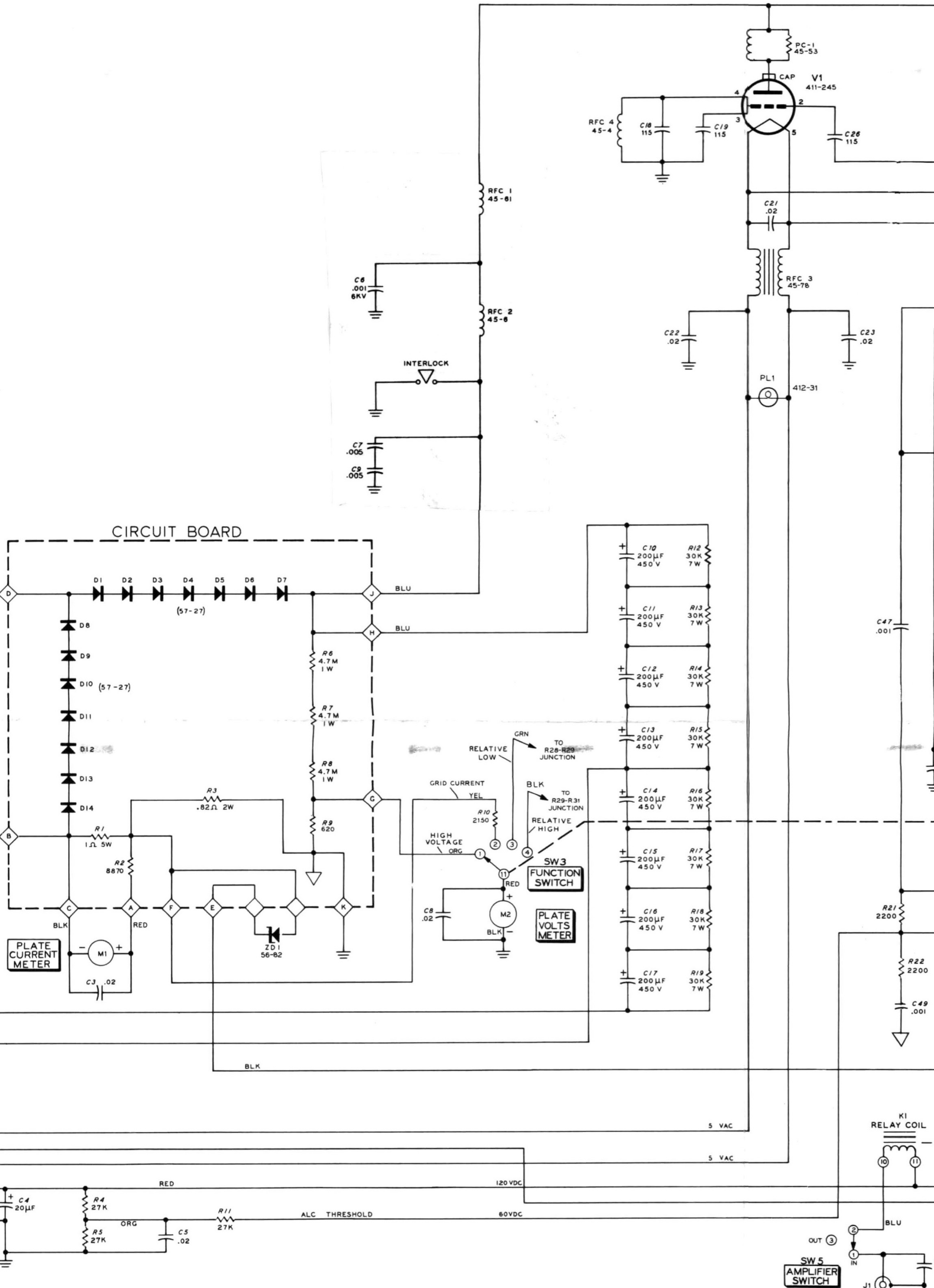

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C29 .001 6KV

C59 26-164

TUNE

L4 40-1950

PC-2 45-53

CAP

V2 411-245

C27 115

C28 115

C31 115

RFC 5 45-4

C32 .01

C62 500 2KV

SW4 B BANDSWITCH WAFER B (FROM REAR)

SW4 BANDSWITCH (FRONT)

L5 40-1666

C61 #26-145

LOAD

BANDSWITCH WAFER #AR (FROM REAR)

L6 40-965

L7 40-964

L8 40-2117

C55 140

C56 200

C57 330

C58 115

SW4A BANDSWITCH WAFER A (FROM REAR)

L1 40-965

C33 180

C34 220

L2 40-966

C35 400

C36 470

L3 40-1012

C37 680

C38 400

C39 470

C41 680

RFC-6 45-4 1MH

GRID CURRENT

HIGH VOLTAGE

RELATIVE LOW

RELATIVE HIGH

FUNCTION SWITCH

C48 15

R22 2200

C49 .001

D18 56-24

R23 47K

C51 .02

BARE

K1 AY COIL

R27 100K

BLU

YEL

C52 .02

C53 .02

J2

ALC

RF-INPUT J3

RF-OUTPUT J4

TO FUNCTION SWITCH SW3

GRN

BLK

R24 68K 1W

D17 56-26

R25 1000

C54 .02

R28 20K

R29 4.7K

R31 4700