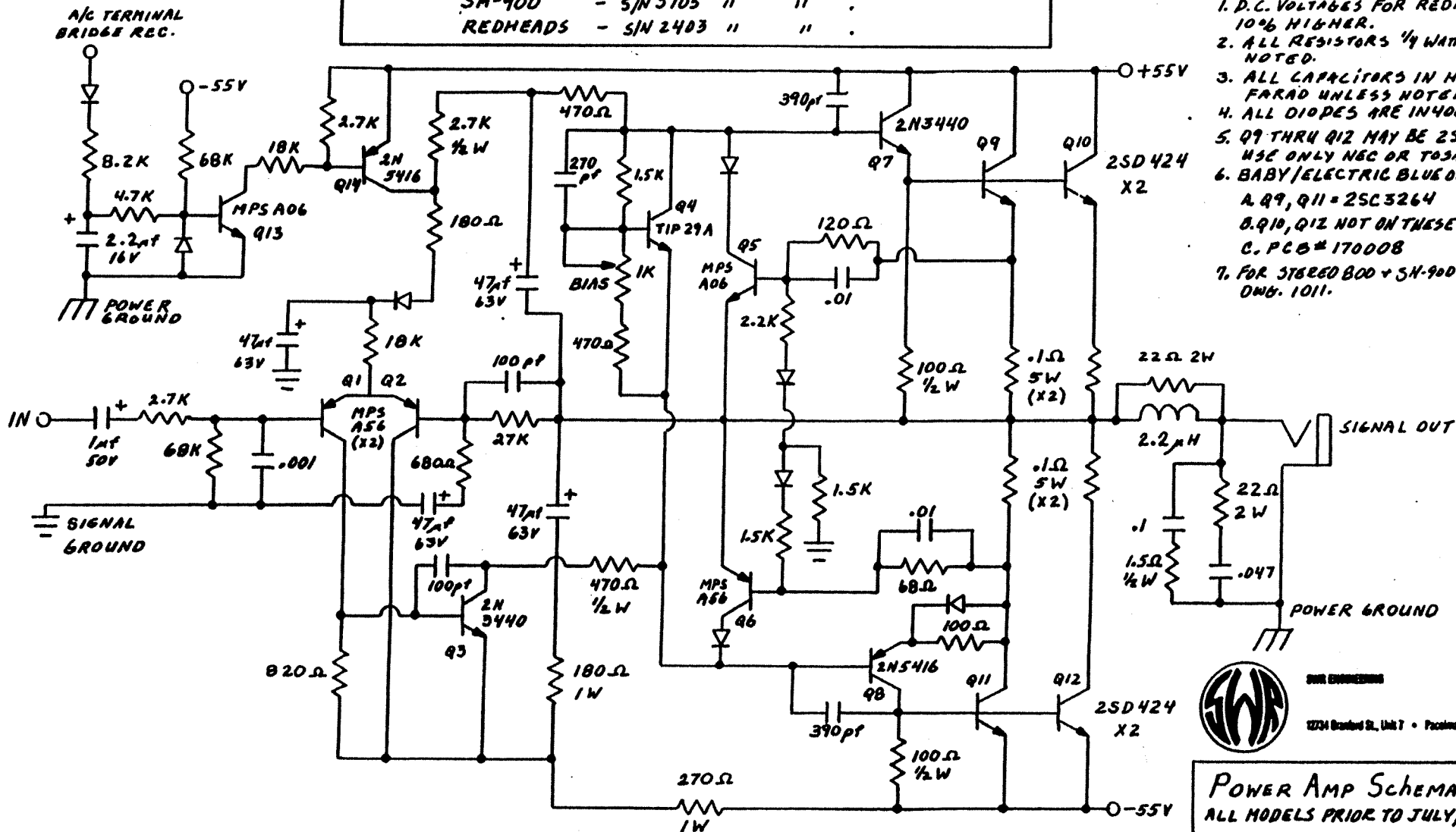


NOTE: FOR FOLLOWING MODELS AND SERIAL #'S, USE DRAWING #1011
 STUDIO 220 - S/N 2539 AND GREATER,
 SM-400 - S/N 5105 " " "
 REDHEADS - S/N 2403 " " "

Notes:

1. D.C. VOLTAGES FOR REDHEAD ARE 10% HIGHER.
2. ALL RESISTORS $\frac{1}{4}$ WATT UNLESS NOTED.
3. ALL CAPACITORS IN MICRO-FARAD UNLESS NOTED.
4. ALL DIODES ARE IN4004.
5. Q9 THRU Q12 MAY BE 2SD555. USE ONLY NEC OR TOSHIBA.
6. BABY/ELECTRIC BLUE ONLY:
 A. Q9, Q11 = 2SC3264
 B. Q10, Q12 NOT ON THESE MODELS
 C. PCB # 17000B
7. FOR STEREO 800 + SM-900 SEE DWG. 1011.



SWR ENGINEERING

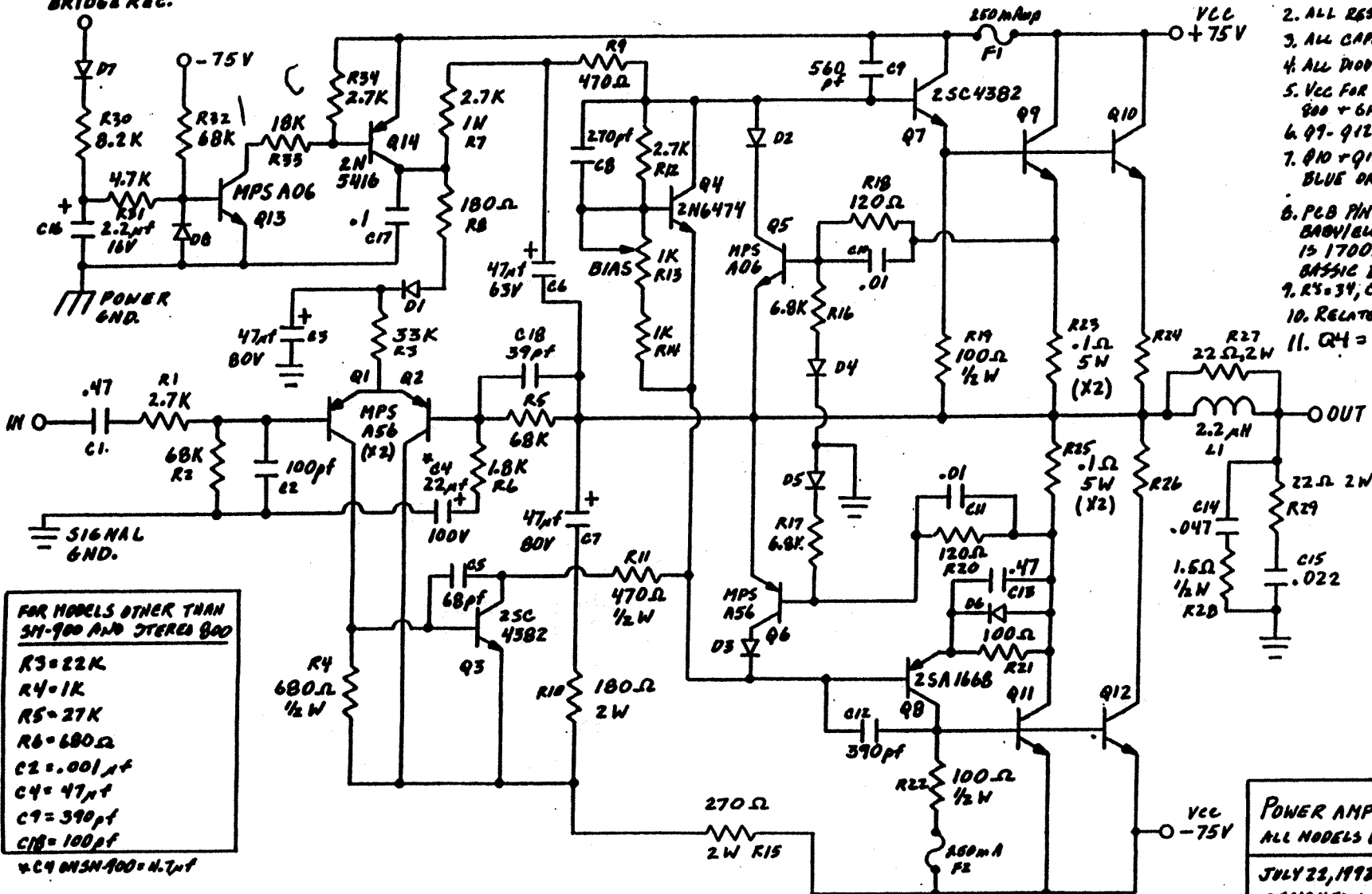
12734 Brandeis St., Unit 7 • Pacoima, CA 91331

POWER AMP SCHEMATIC
 ALL MODELS PRIOR TO JULY, 1992

JUNE 6, 1984 REV C 2-5-91.

DESIGNED + DRAWN - S.W. RABE
 PCB # 170002A NO. 1003

A/C TERMINAL
BRIDGE REC.



FOR MODELS OTHER THAN
SM-900 AND STEREO 800

R3=22K
R4=1K
R5=27K
R6=680Ω
C2=.001μF
C4=47μF
C7=390pF
C10=100pF
*C4 ON SM-900=4.7μF

NOTES: UNLESS OTHERWISE
SPECIFIED.

1. SEE TABLE FOR ALTERNATE R+C
VALUES FOR OTHER MODELS. VALUES
SHOWN ARE FOR STEREO 800, SM-900.

2. ALL RESISTORS IN OHMS, 1/4W, 5%.

3. ALL CAPACITORS IN MICRO-FARAD.

4. ALL DIODES IN 4004.

5. VCC FOR MODELS OTHER THAN STEREO

800 + SM-900 = ±60VDC

6. Q7-Q12 = 2SC3264 (BANKEN ONLY)

7. Q10+Q12 NOT ON BABY/ELECTRIC
BLUE OR BASIC BLACK

8. PCB PIN FOR ALL MODELS EXCEPT
BABY/ELECTRIC BLUE + BASIC BLACK
IS 170010. BABY BLUE-170008.

BASIC BLACK-170013.

9. R5=34, C5=18, D5=3, Q4=14, L1, F1=2

10. RELATED DIALS 1002, 1003

11. Q4 = 2SC3834 after

1/25/98

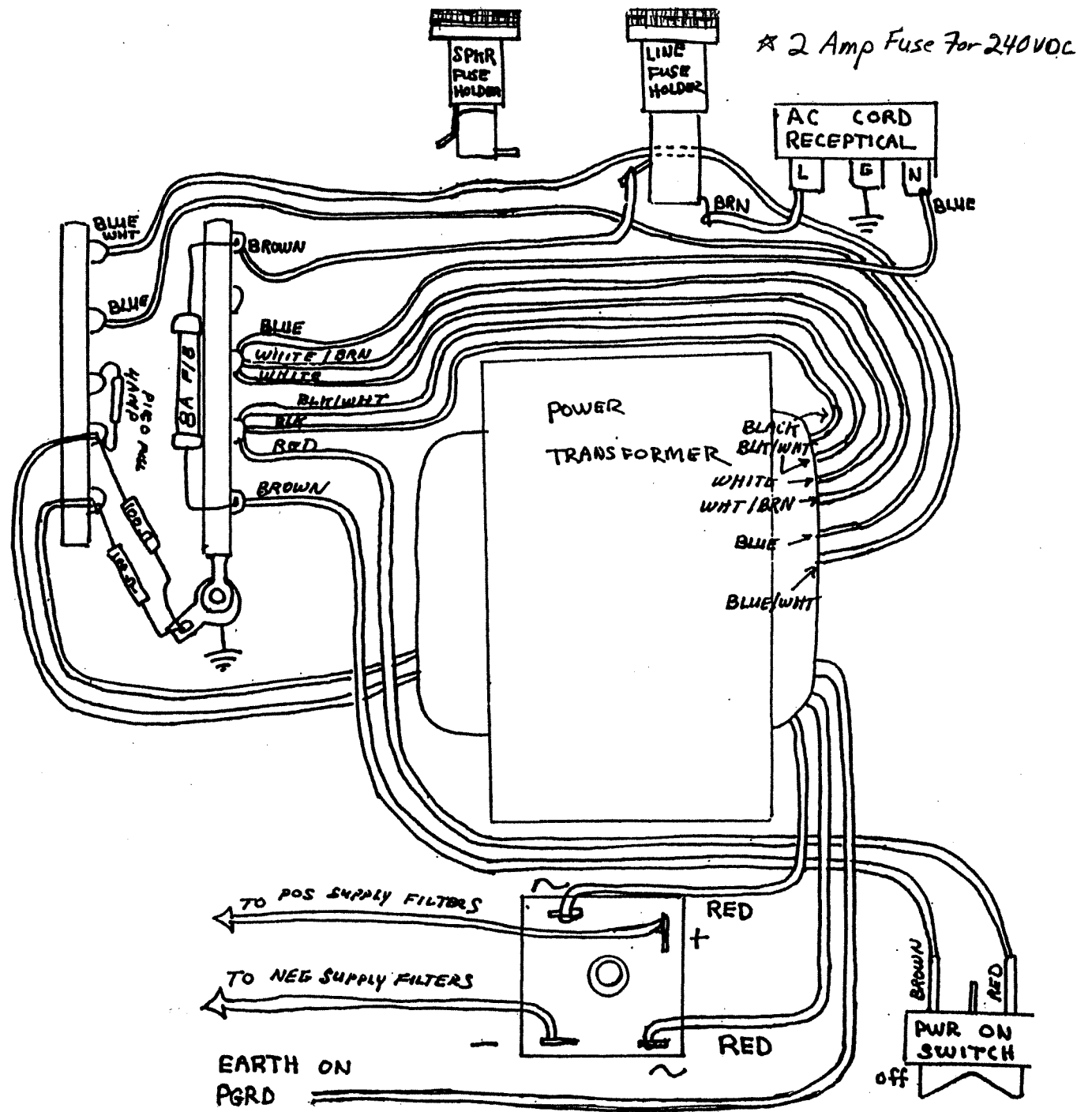
POWER AMP SCHEMATIC 1011
ALL MODELS BUILT AFTER JUNE, 1992

JULY 23, 1992

DESIGNED + OWN. BY: S.H. RADE

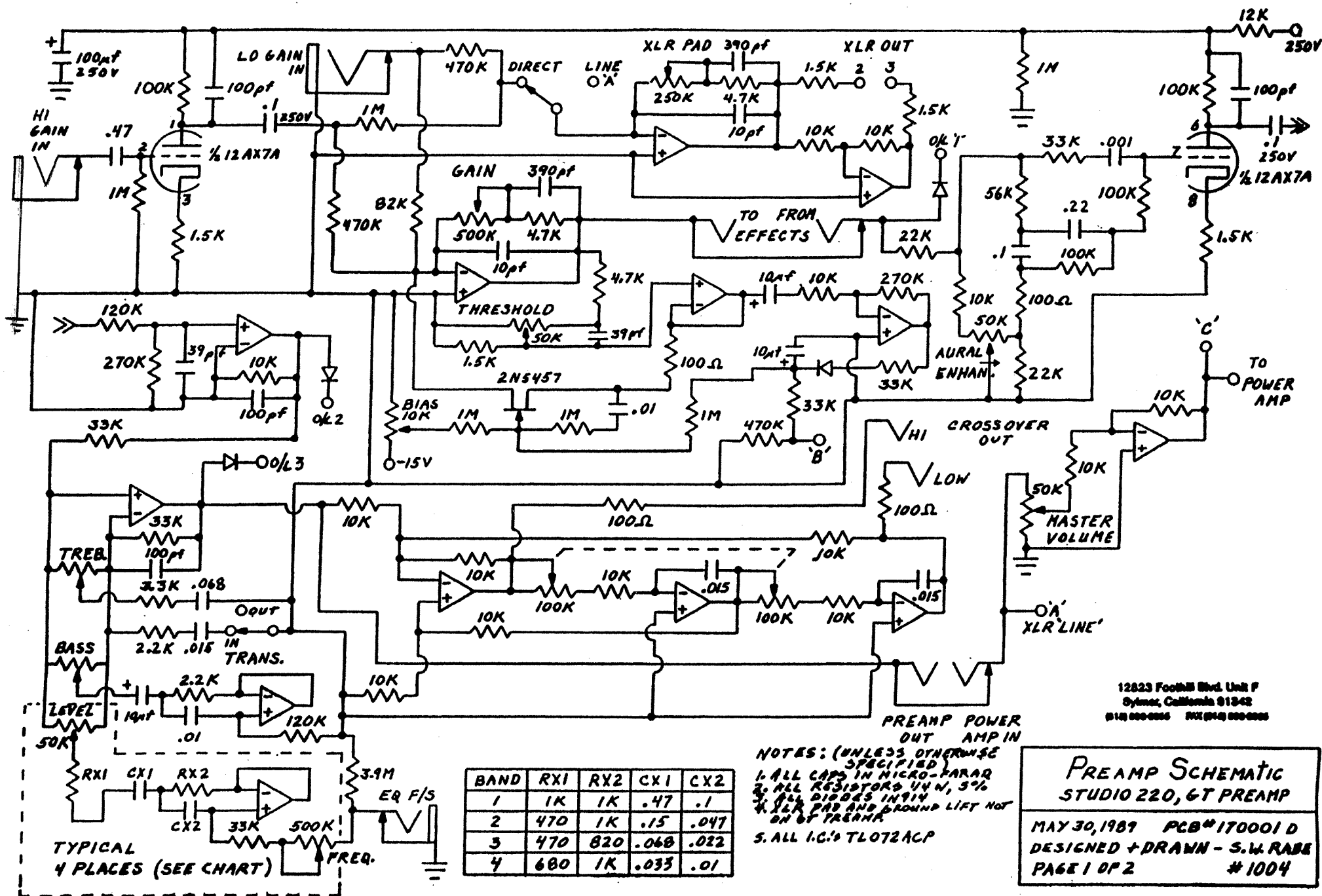
SWR ENG, INC.

800-820-3336



STUDIO 220
TRANSFORMER WIRING
FOR 120 VOLT OPERATION

DRAWN BY HC PEREZ
6-30-93



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