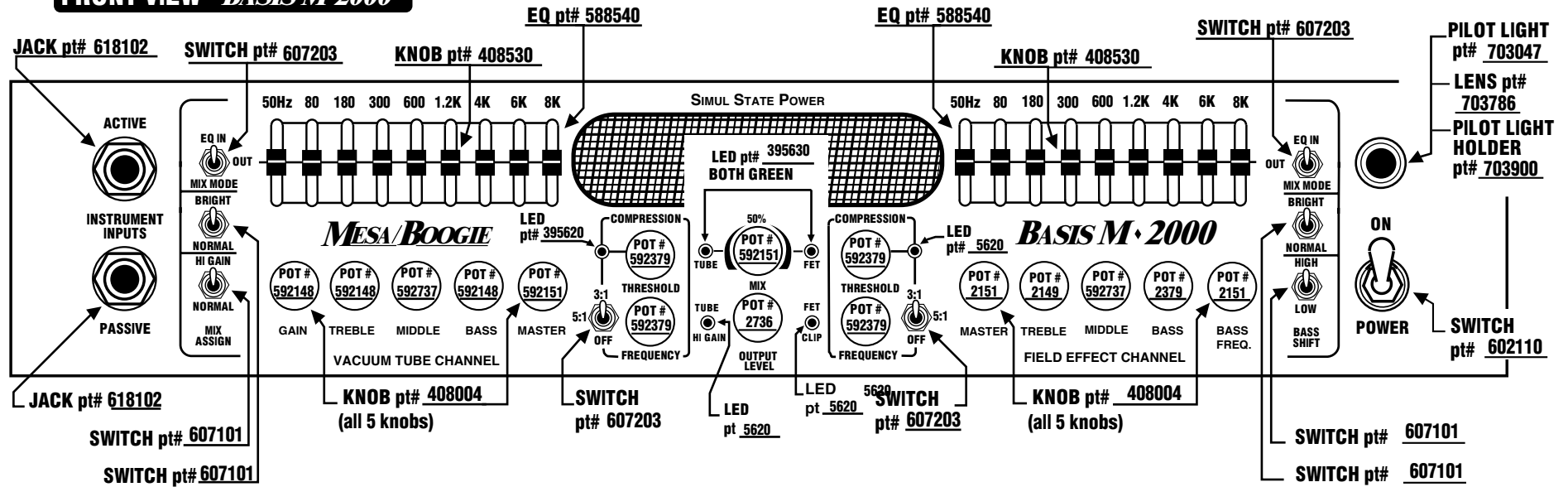


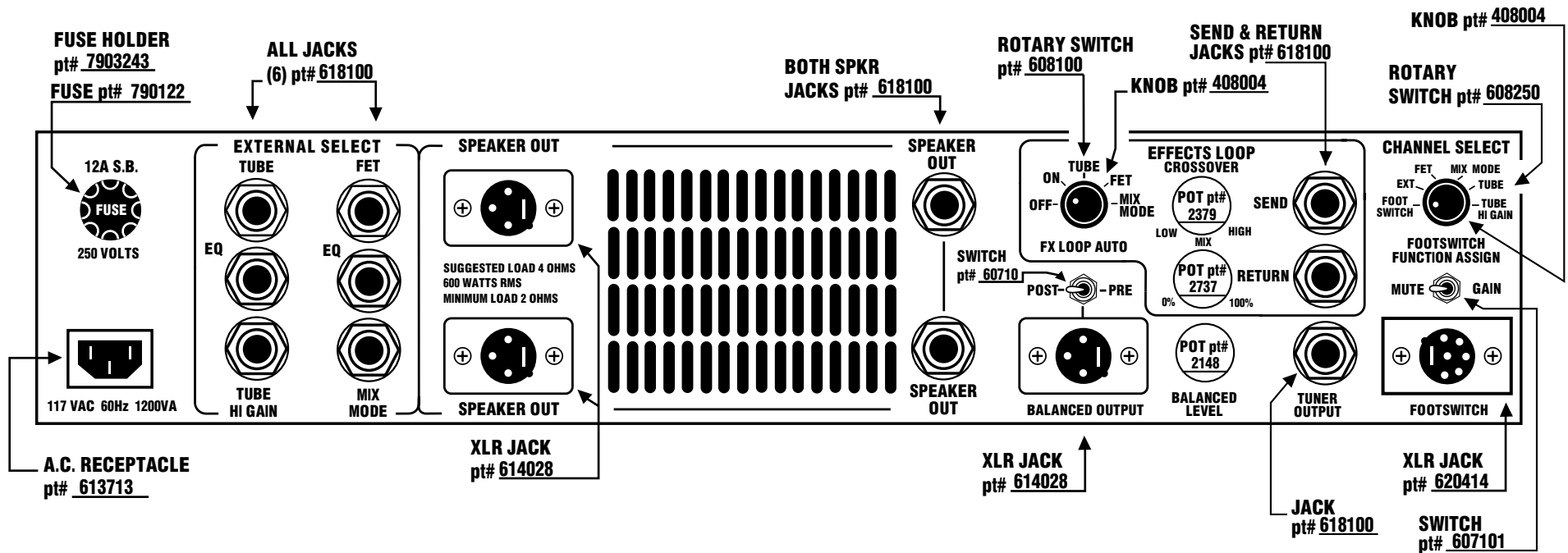
***MESA/BOOGIE***<sup>®</sup>

***BASIS M-2000***<sup>™</sup>

## FRONT VIEW *BASIS M-2000*



## REAR VIEW *BASIS-M2000*

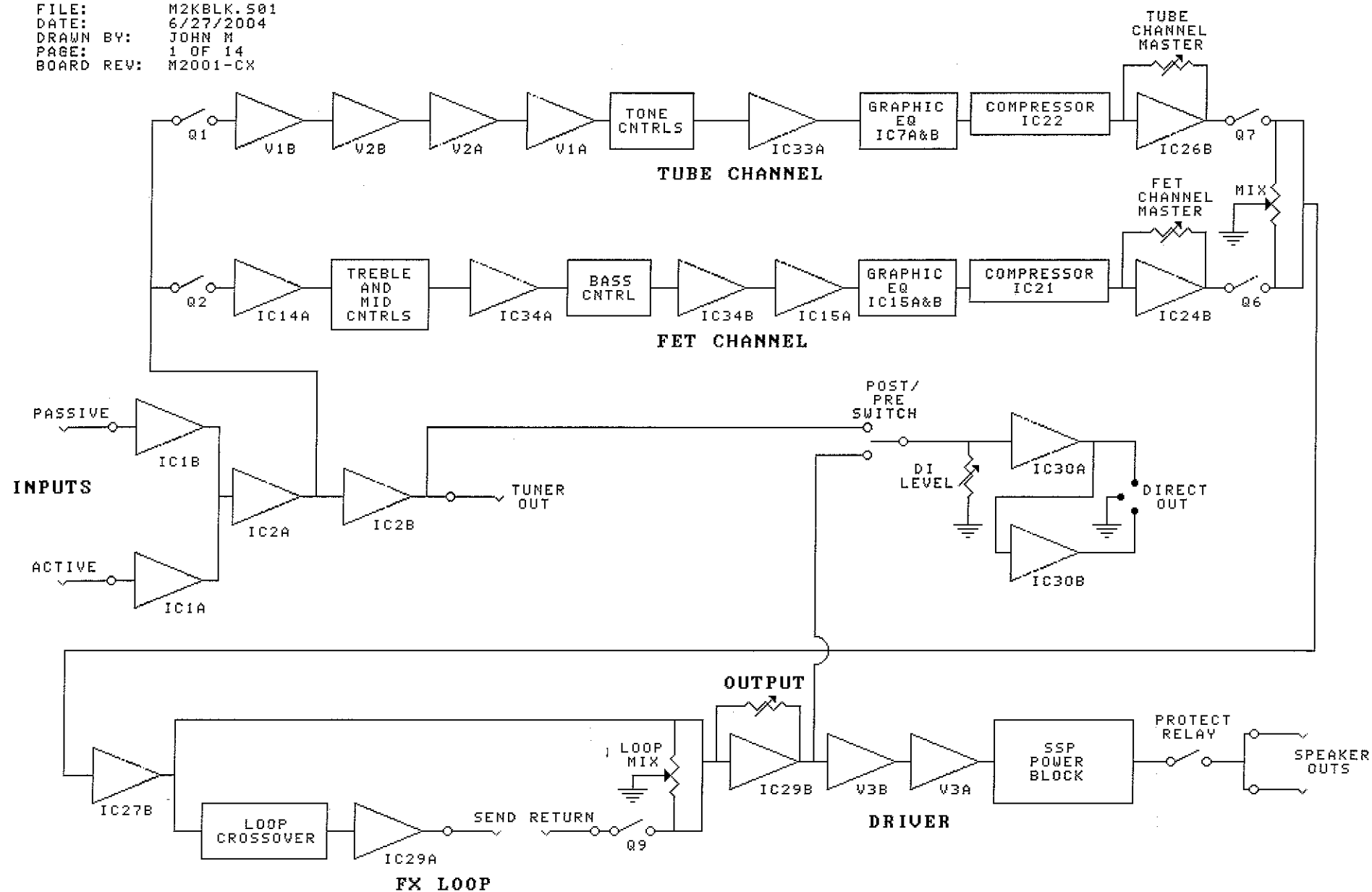


# MESA/BOOGIE

M2000

## BLOCK DIAGRAM

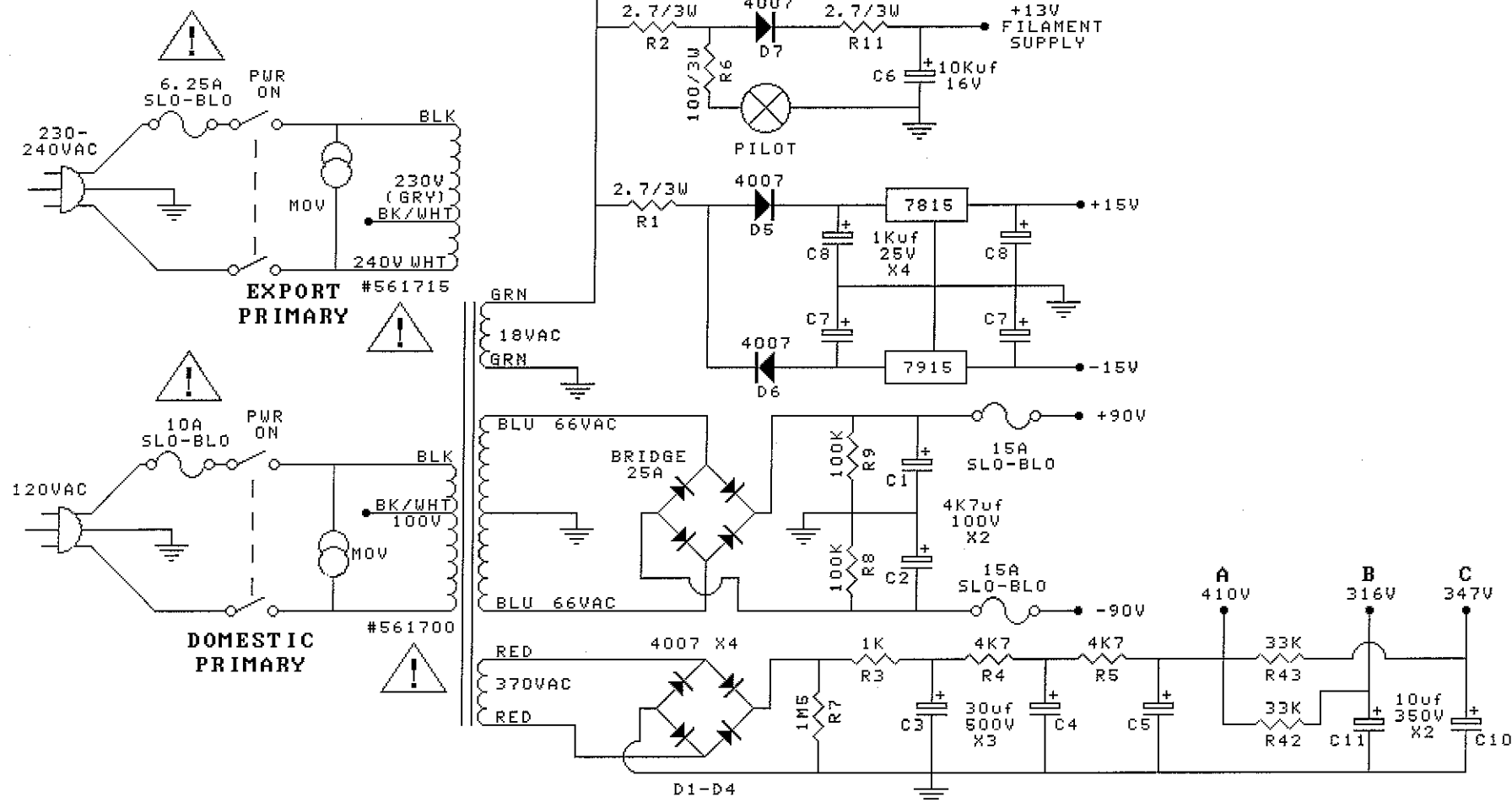
FILE: M2KBLK.501  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 1 OF 14  
BOARD REV: M2001-CX



# MESA/BOOGIE M2000

## POWER SUPPLIES

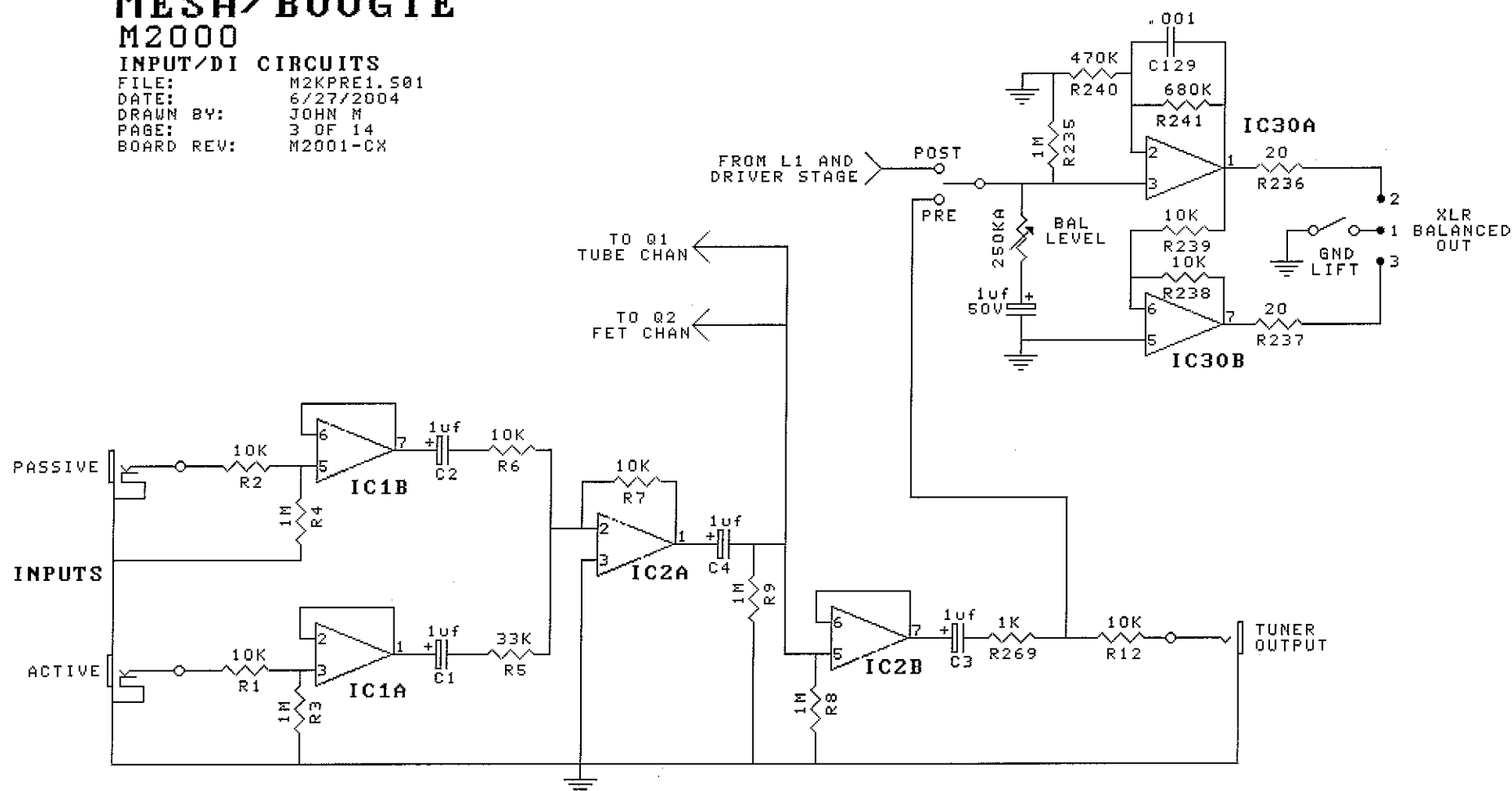
FILE: M2KSUP.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 2 OF 14  
BOARD REV: M2001-CX



## M2000

## INPUT/DI CIRCUITS

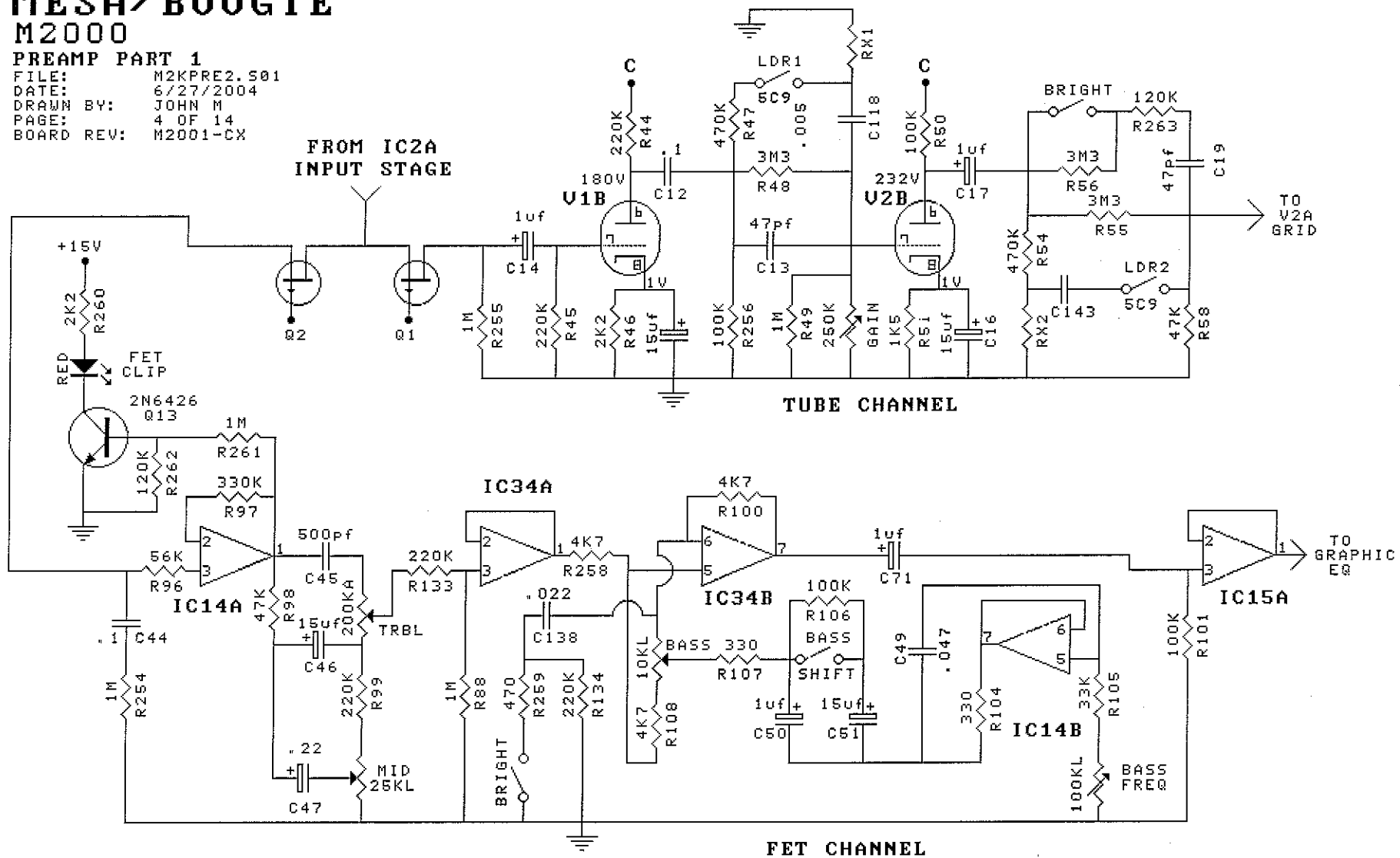
FILE: M2KPRE1.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 3 OF 14  
BOARD REV: M2001-CX



## M2000

## PREAMP PART 1

FILE: M2KPRE2.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 4 OF 14  
BOARD REV: M2001-CX

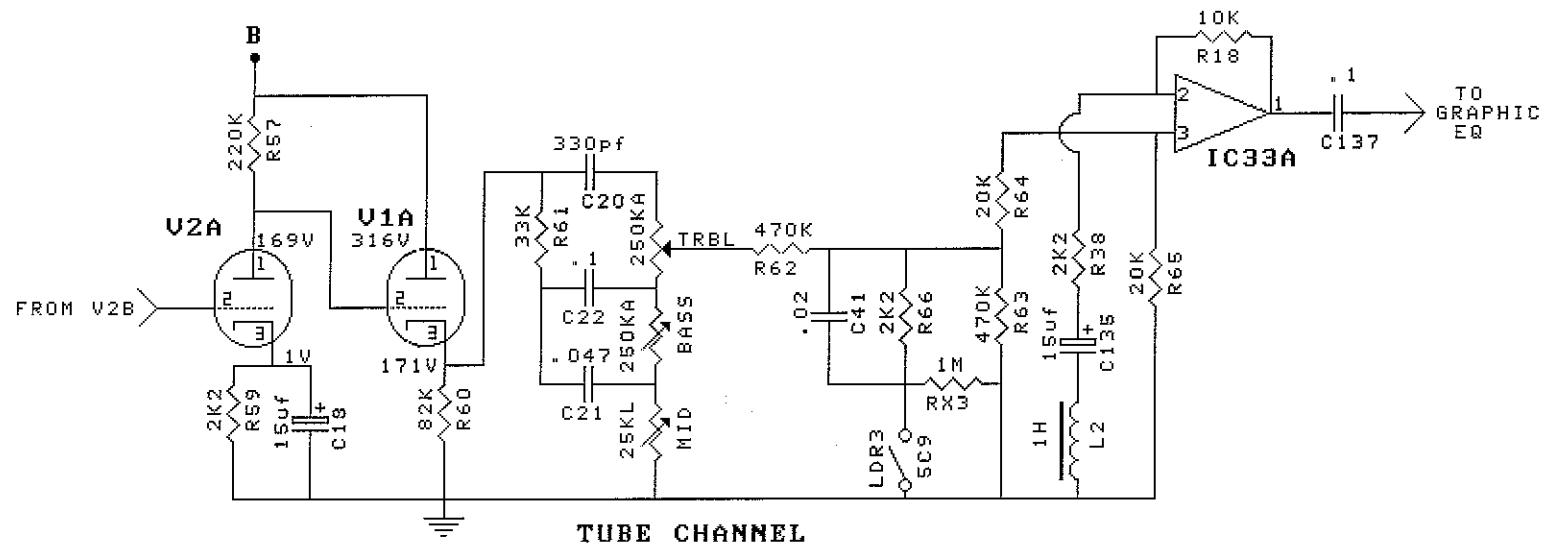


# MESA/BOOGIE

## M2000

### TUBE PREAMP PT 2

FILE: M2KPRE3.S01  
 DATE: 6/27/2004  
 DRAWN BY: JOHN M  
 PAGE: 5 OF 14  
 BOARD REV: M2001-CX

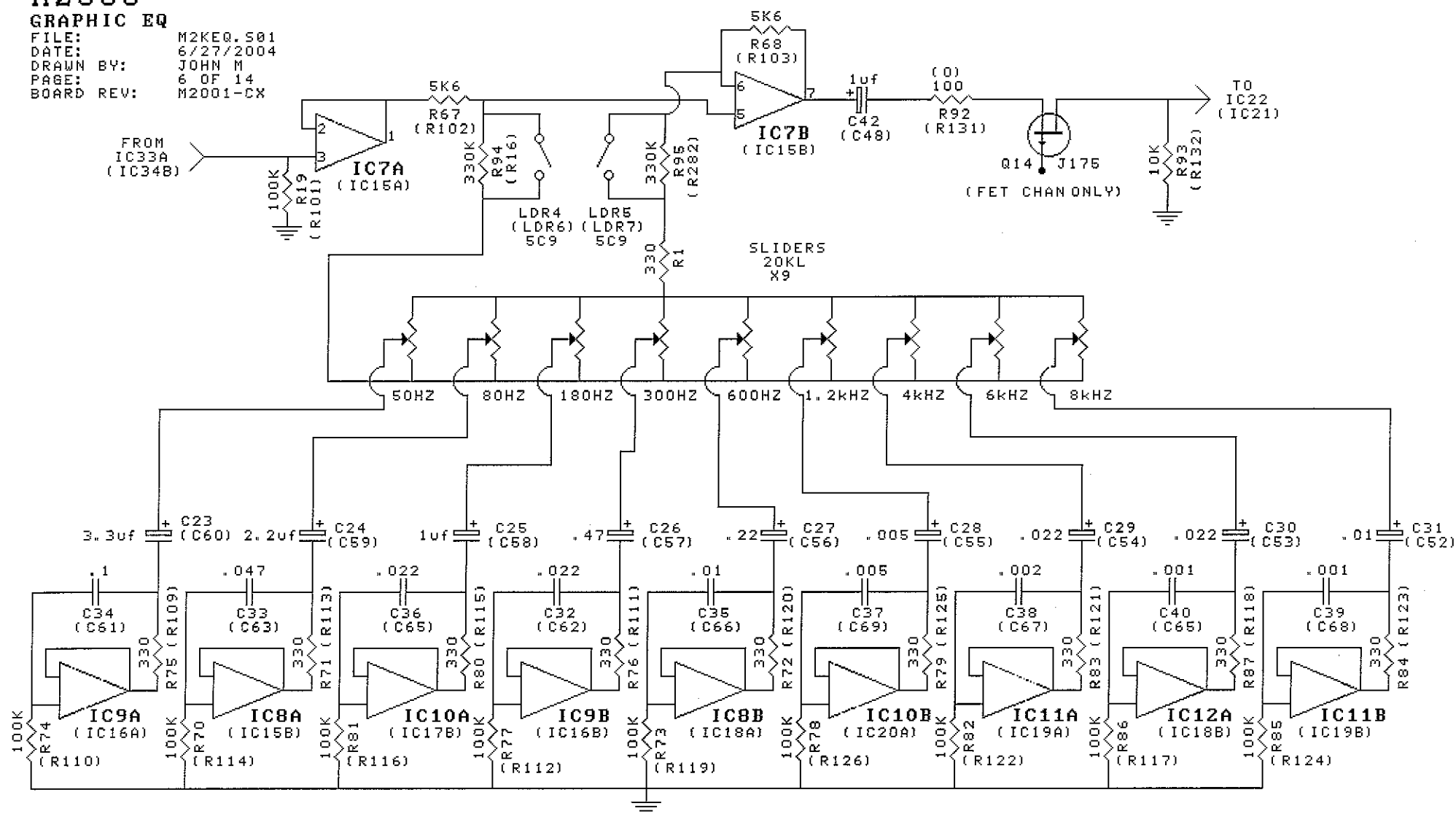


# MESA/BOOGIE

M2000

GRAPHIC EQ

FILE: M2KE0.501  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 6 OF 14  
BOARD REV: M2001-CX



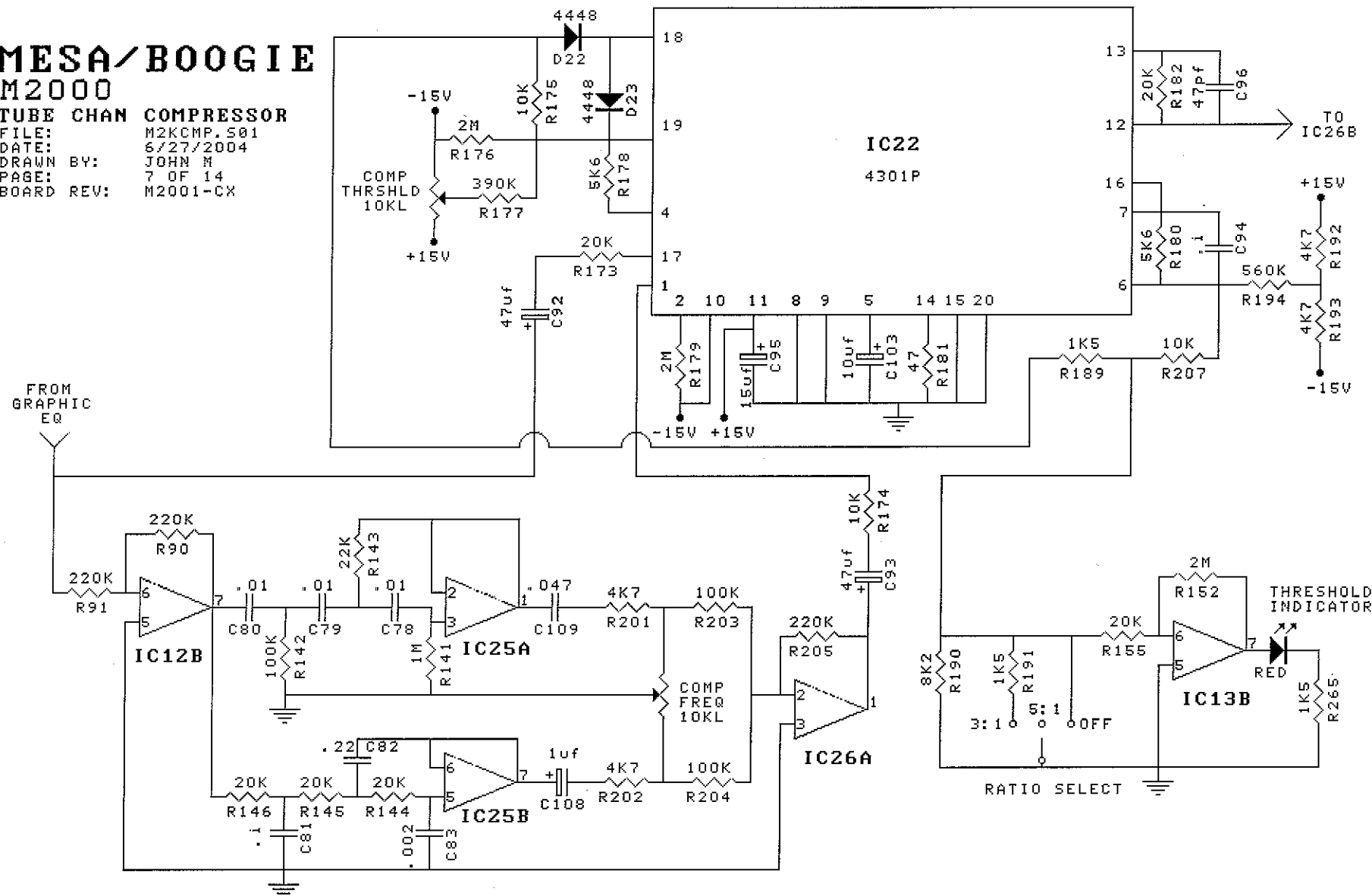
VALUES AND  
LOCATOR NUMBERS:  
TUBE CHANNEL  
(FET CHANNEL)



# MESA/BOOGIE M2000

## TUBE CHAN COMPRESSOR

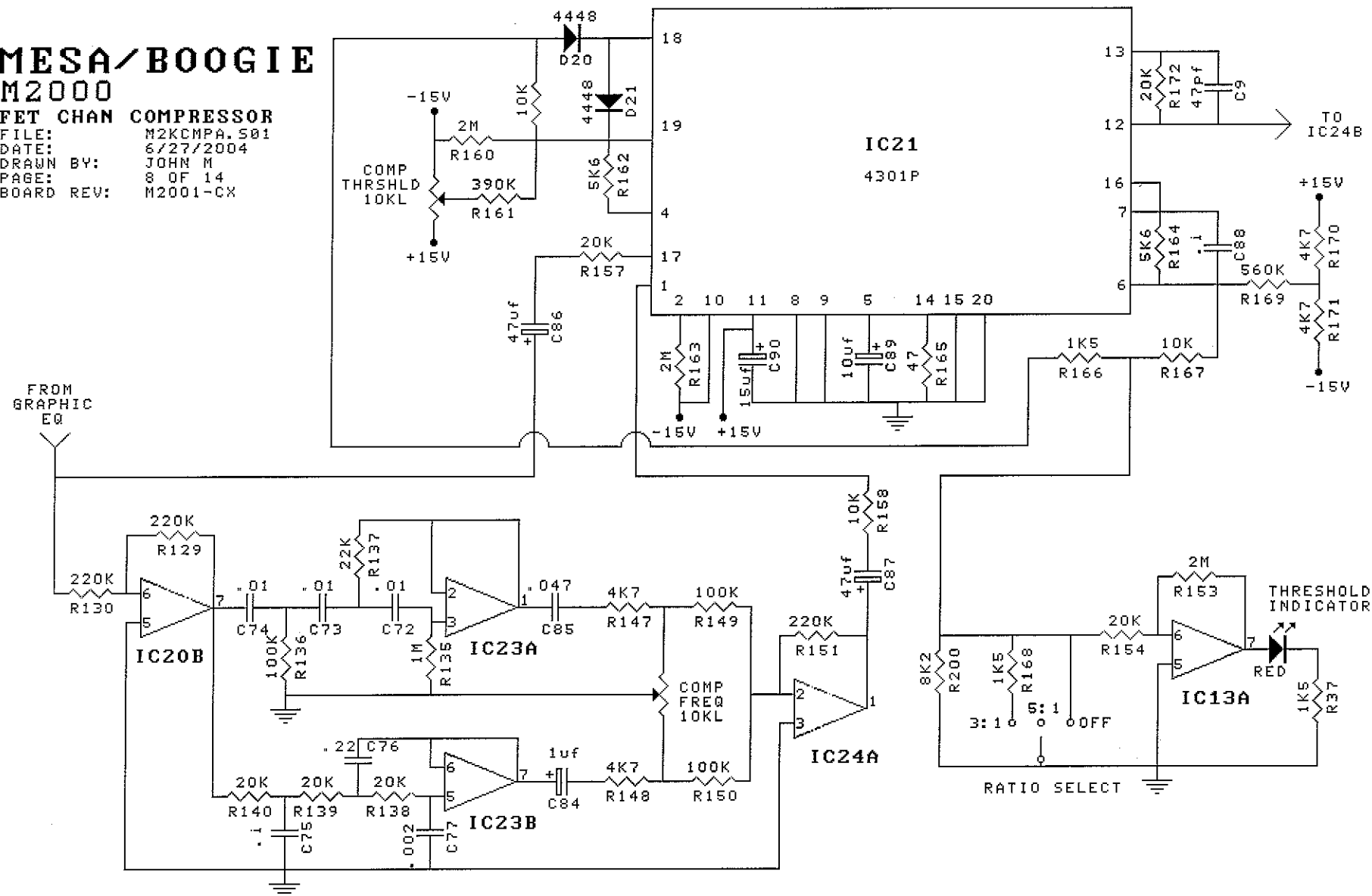
FILE: M2KCOMP.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 7 OF 14  
BOARD REV: M2001-CX



# MESA/BOOGIE M2000

## FET CHAN COMPRESSOR

FILE: M2KCMFA.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 8 OF 14  
BOARD REV: M2001-CX

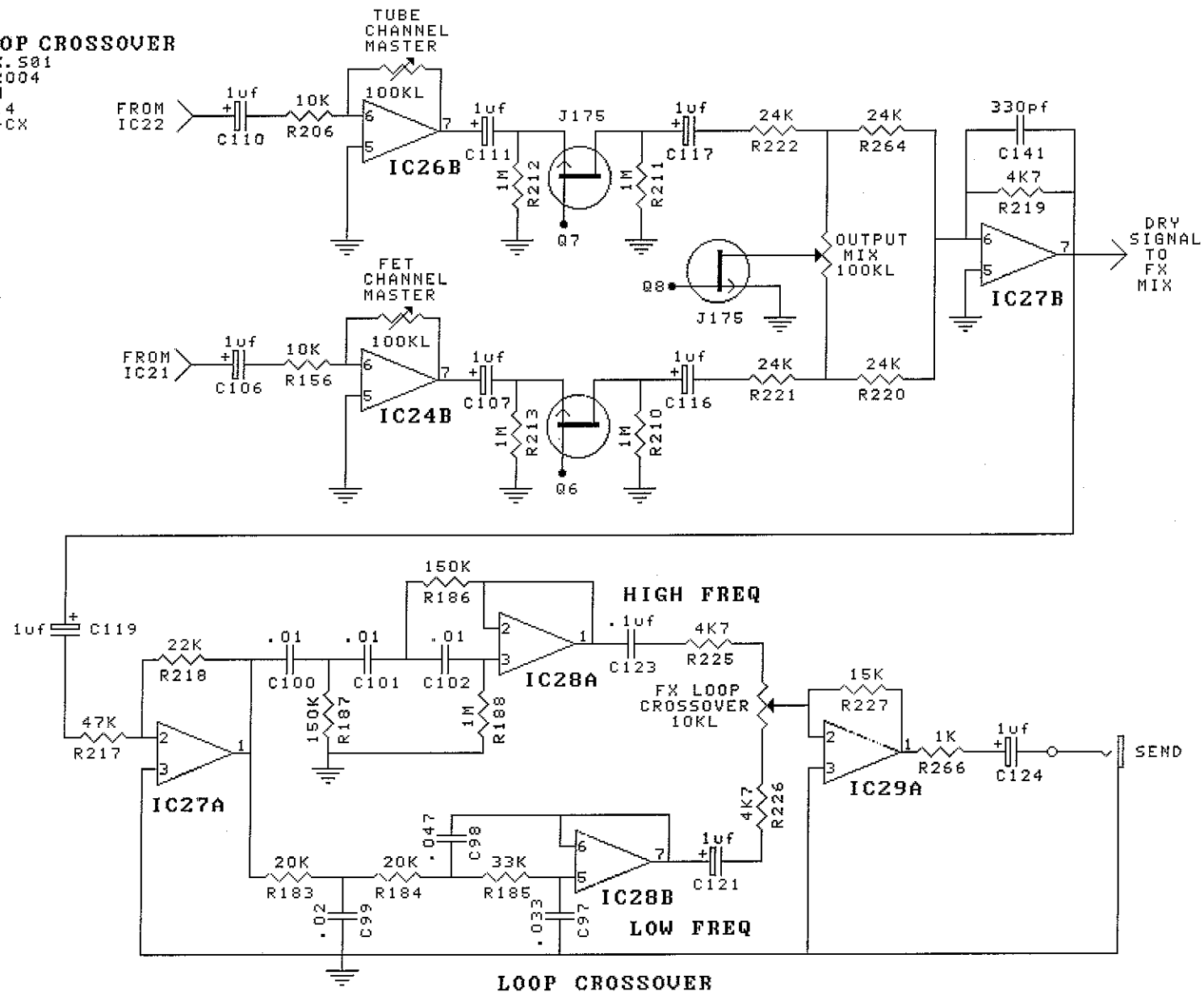


# MESA/BOOGIE

## M2000

### MIX CONTROL/LOOP CROSSOVER

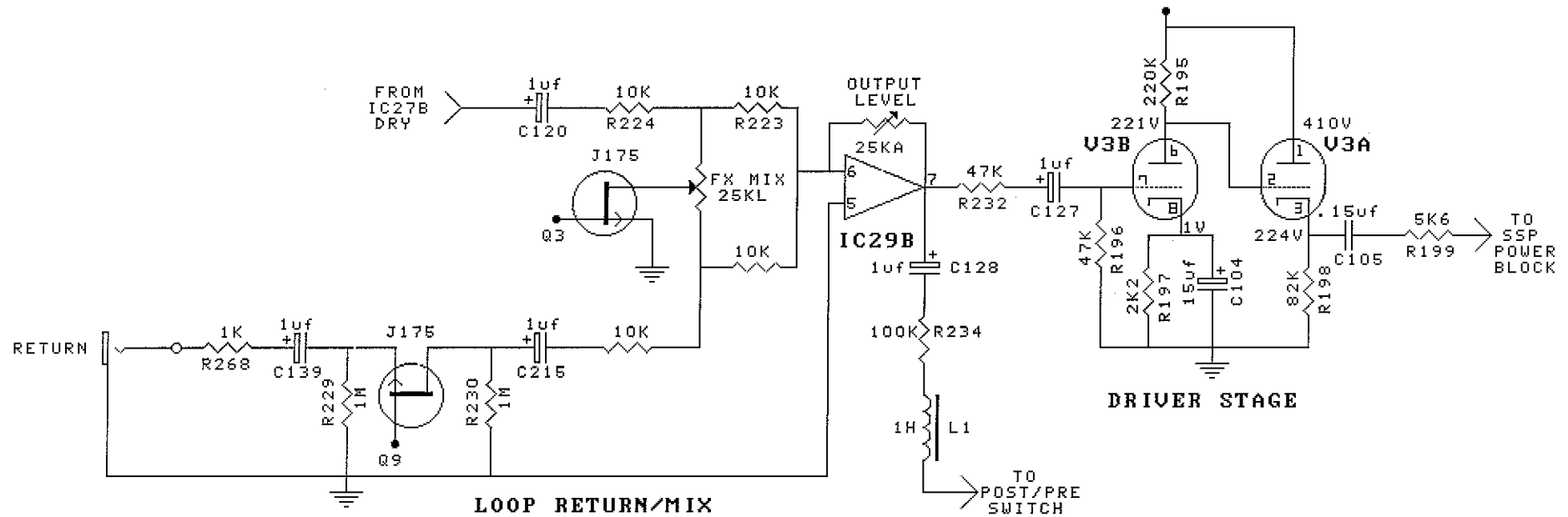
FILE: M2K MIX.S81  
 DATE: 6/27/2004  
 DRAWN BY: JOHN M  
 PAGE: 9 OF 14  
 BOARD REV: M2001-CX



# MESA/BOOGIE M2000

## FX MIX/DRIVER CIRCUIT

FILE: M2KDRIVE.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 10 OF 14  
BOARD REV: M2001-CX

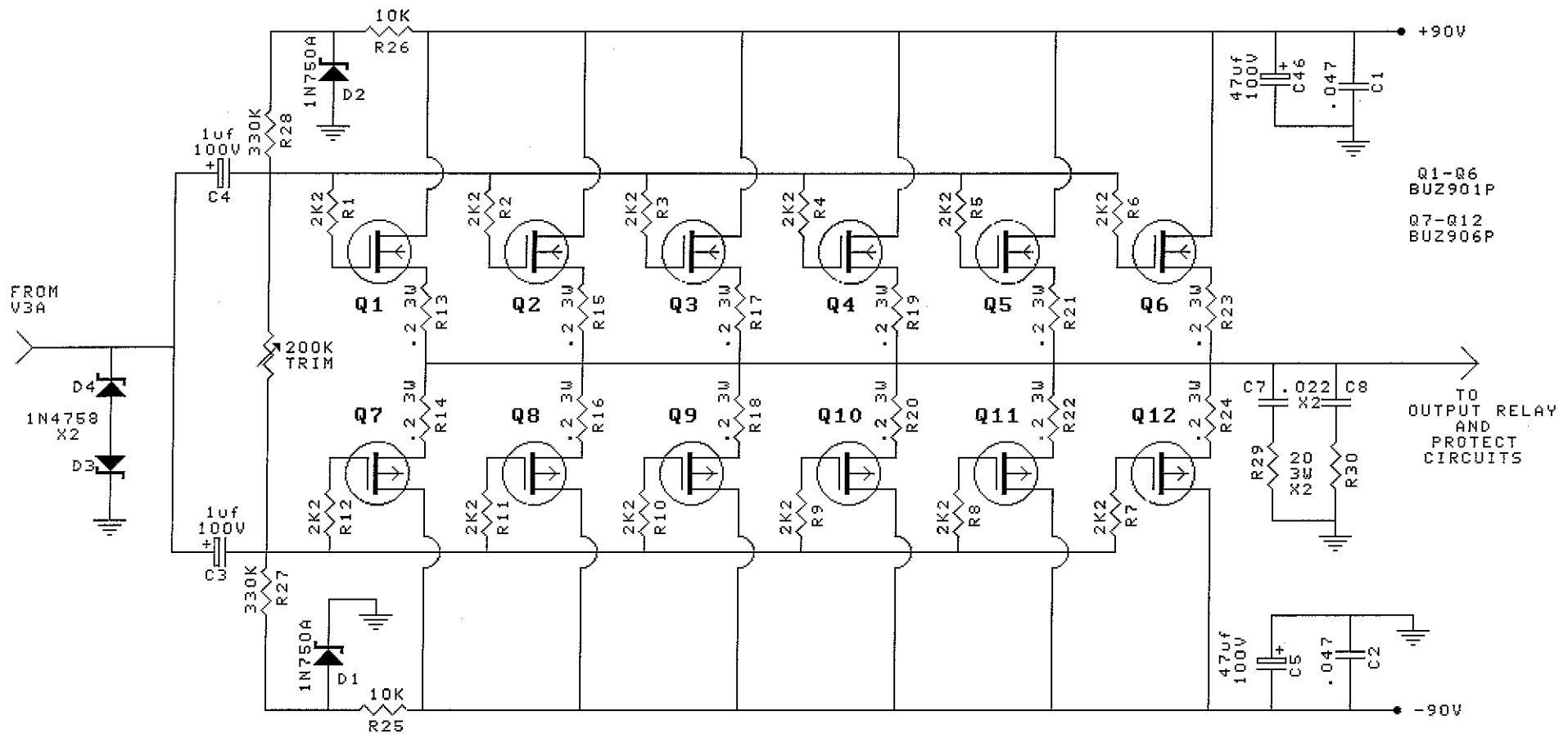


# MESA/BOOGIE

M2000

## POWER BLOCK

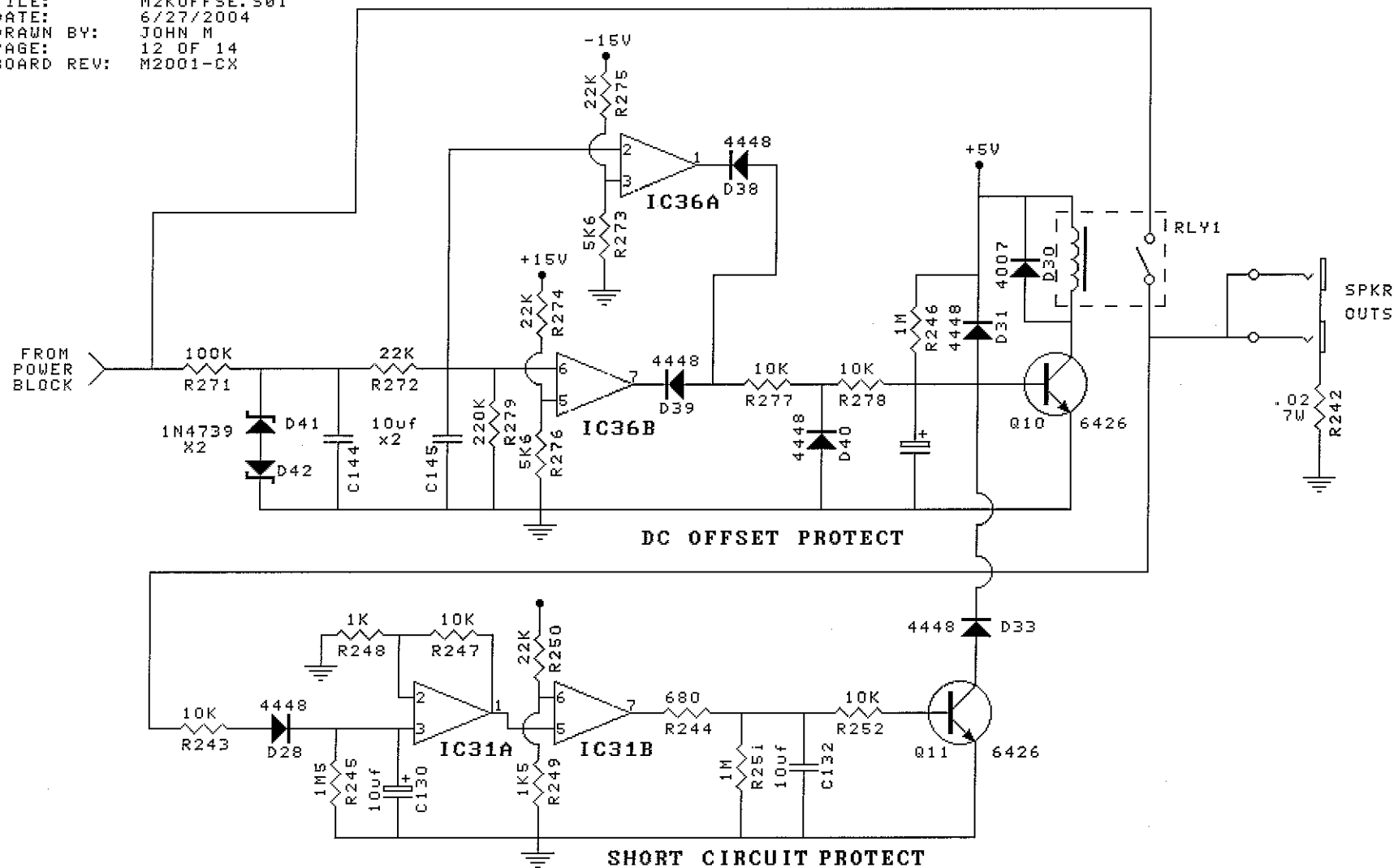
FILE: M2KPMR.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 11 OF 14  
BOARD REV: M2001-CX



# MESA/BOOGIE M2000

## OFFSET PROTECT CIRC.

FILE: M2KOFFSE.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 12 OF 14  
BOARD REV: M2001-CX



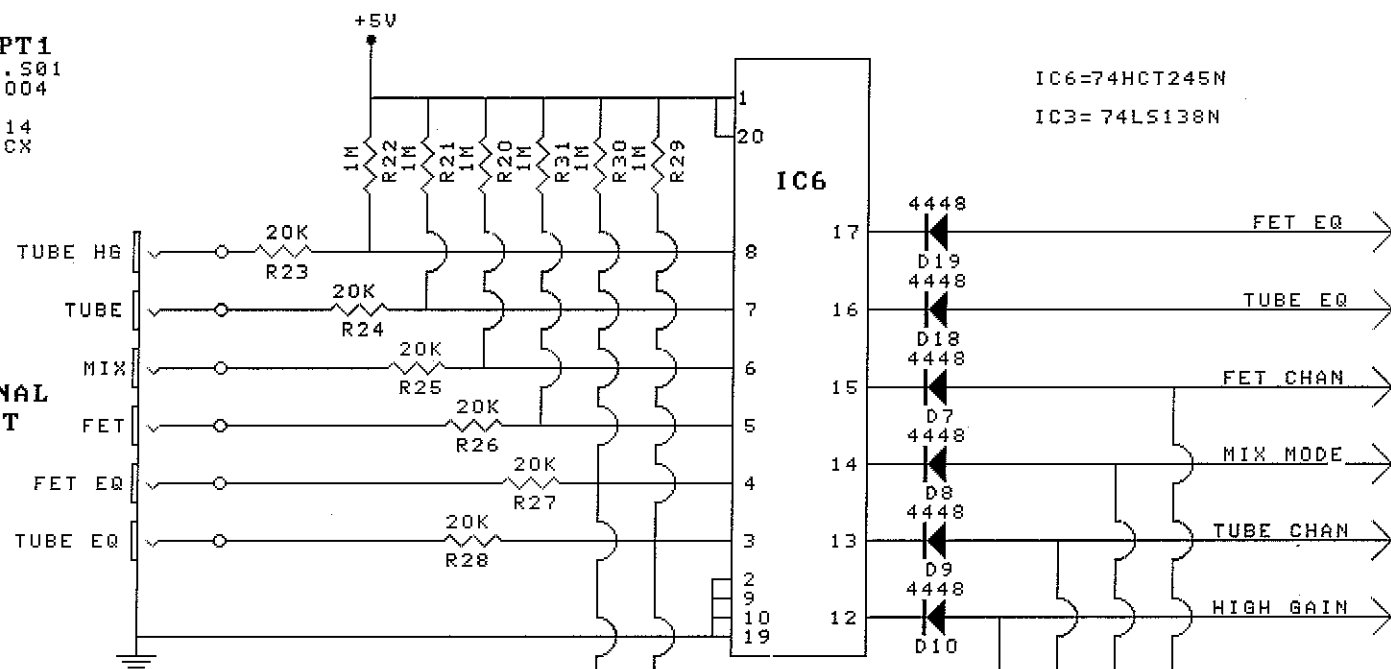
# MESA/BOOGIE

## M2000

### SWITCH MATRIX PT1

FILE: M2KSM1.S01  
 DATE: 6/27/2004  
 DRAWN BY: JOHN M  
 PAGE: 13 OF 14  
 BOARD REV: M2001-CX

### EXTERNAL SELECT



IC6=74HCT245N

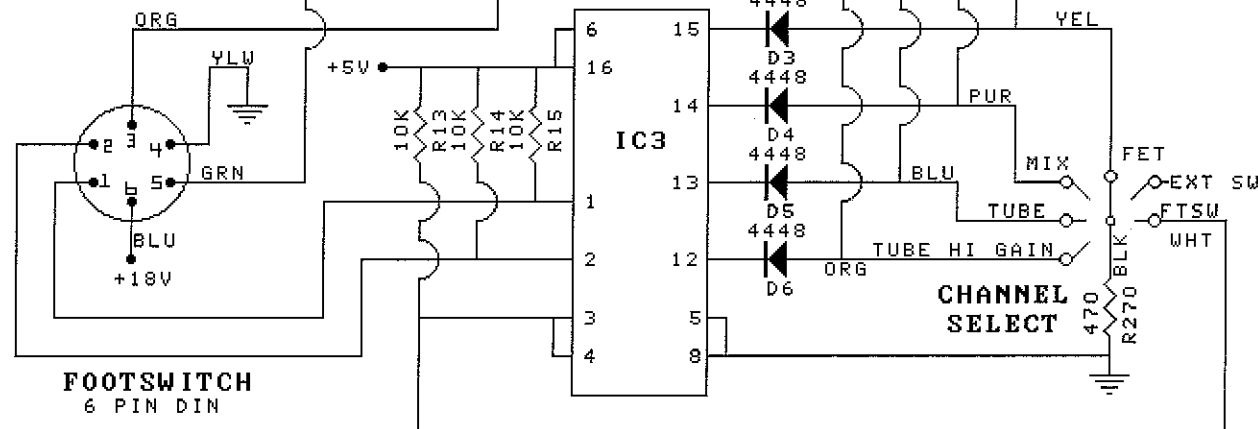
IC3= 74LS138N

### LDRS (ALL 5C9)

| # | FUNCTION       |
|---|----------------|
| 1 | TUBE HG        |
| 2 | TUBE HG        |
| 3 | TUBE HG PAD    |
| 4 | TUBE EQ IN/OUT |
| 5 | TUBE EQ IN/OUT |
| 6 | FET EQ IN/OUT  |
| 7 | FET EQ IN/OUT  |

### TRANSISTORS

| #   | TYPE | FUNCTION           |
|-----|------|--------------------|
| Q1  | J175 | TUBE IN            |
| Q2  | J175 | FET IN             |
| Q3  | J175 | FX MIX CONTROL     |
| Q4  | J175 |                    |
| Q5  | J175 |                    |
| Q6  | J175 | FET OUT            |
| Q7  | J175 | TUBE OUT           |
| Q8  | J175 | MIX CONTROL        |
| Q9  | J175 | LOOP RETURN        |
| Q10 | 6426 | PROTECT RELAY      |
| Q11 | 6426 | SHORT CIRC PROTECT |
| Q12 | 6426 | (NOT USED)         |
| Q13 | 6426 | FET CLIP LED       |
| Q14 | J175 | FET EQ OUT         |



FOOTSWITCH  
6 PIN DIN

### CHANNEL SELECT

# MESA/BOOGIE

## M2000

### SWITCH MATRIX PT2

FILE: M2KSW2.S01  
DATE: 6/27/2004  
DRAWN BY: JOHN M  
PAGE: 14 OF 14  
BOARD REV: M2001-CX

