INPUT

1M

FERRITE
BEAD

1K8
2v
1uf

U1a
186v

220K

E
394v

.001

150K

.047 .1 250pf 250K

10M

.002

.002

RY5b

10KA 250KA 250KA
MID BASS TRBL

1MA

RHY
GAIN

10pf 120pf

.02

680K

250KA

LEAD
GAIN

20pf 470K

.001

RY1a

RY2a
no nc

22K 15uf

no
nc
RY1b
150

1K8
2v
1uf

U1b

250v

100K

D
376v

.047

1M5

RY2b
no
nc

RECTOVERB ONLY

RY3a
no
nc

RHYTHM CH
REV INPUT

LEAD CH

RHYTHM CH

MESA-BOOGIE
SOLO 50/RECTOVERB

PREAMP PT. 2
FILE: SOL50PR2
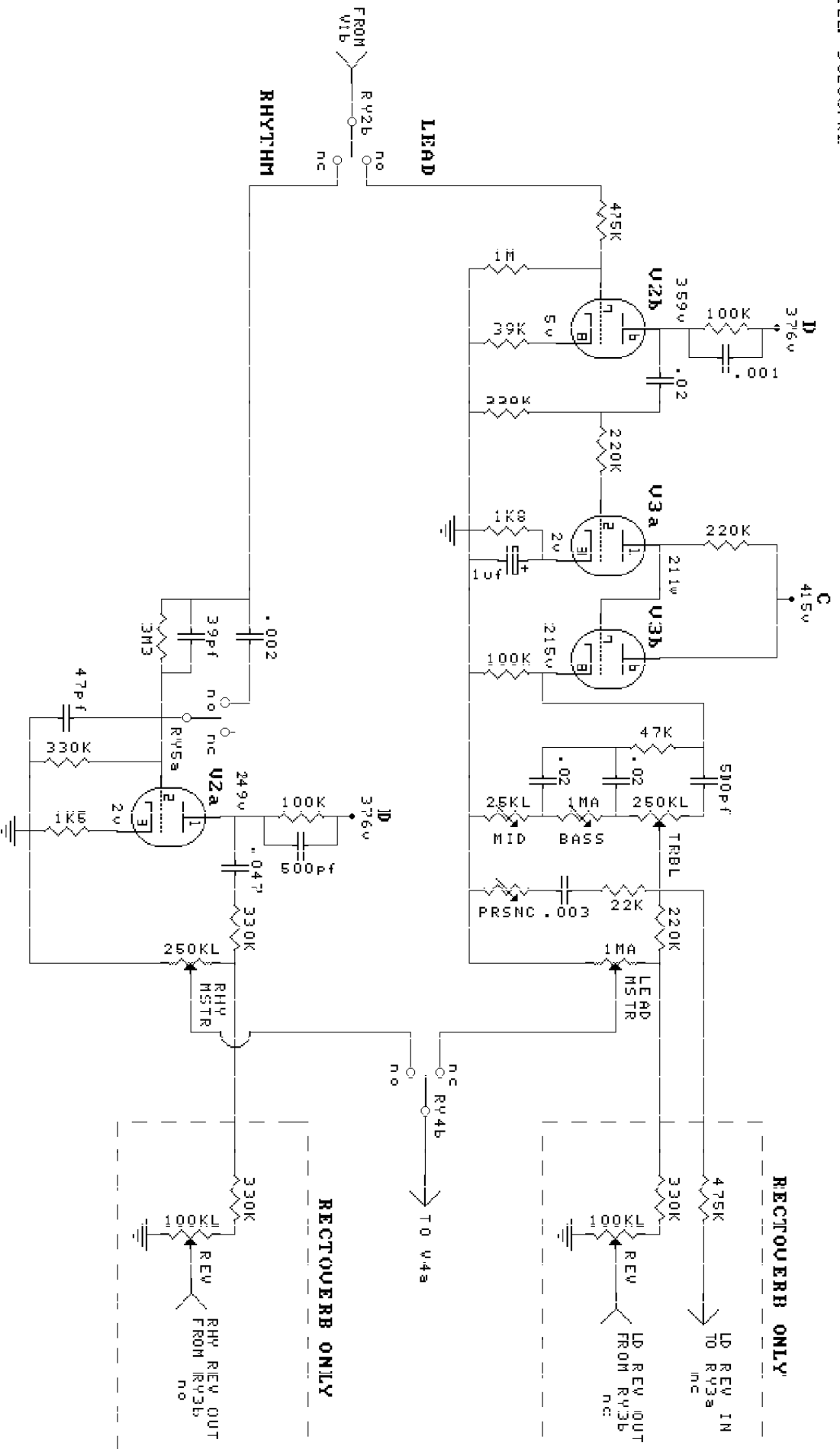
RHY PRSNC
25KL
nc
RHY4a
2K7
.1
LDR3
47K
.1
5K6
4K7
.1
FROM OUTPUT LEVEL
10K
1M
1M
31v
31v
266v
279v
U5a
U5b
2
1
49v
470
49v
8
6
266v
279v
75pf
120pf
120pf
100K
82K
415v
.047
.047
220K
220K
-48v
-49v
-48v
-48v
5
5
6
6
3
3
451v
451v
449v
449v
1K/2W
1K/2W
451v
451v
454v
100
1K5
Slave
4 ohm
8 ohm

FX LOOP
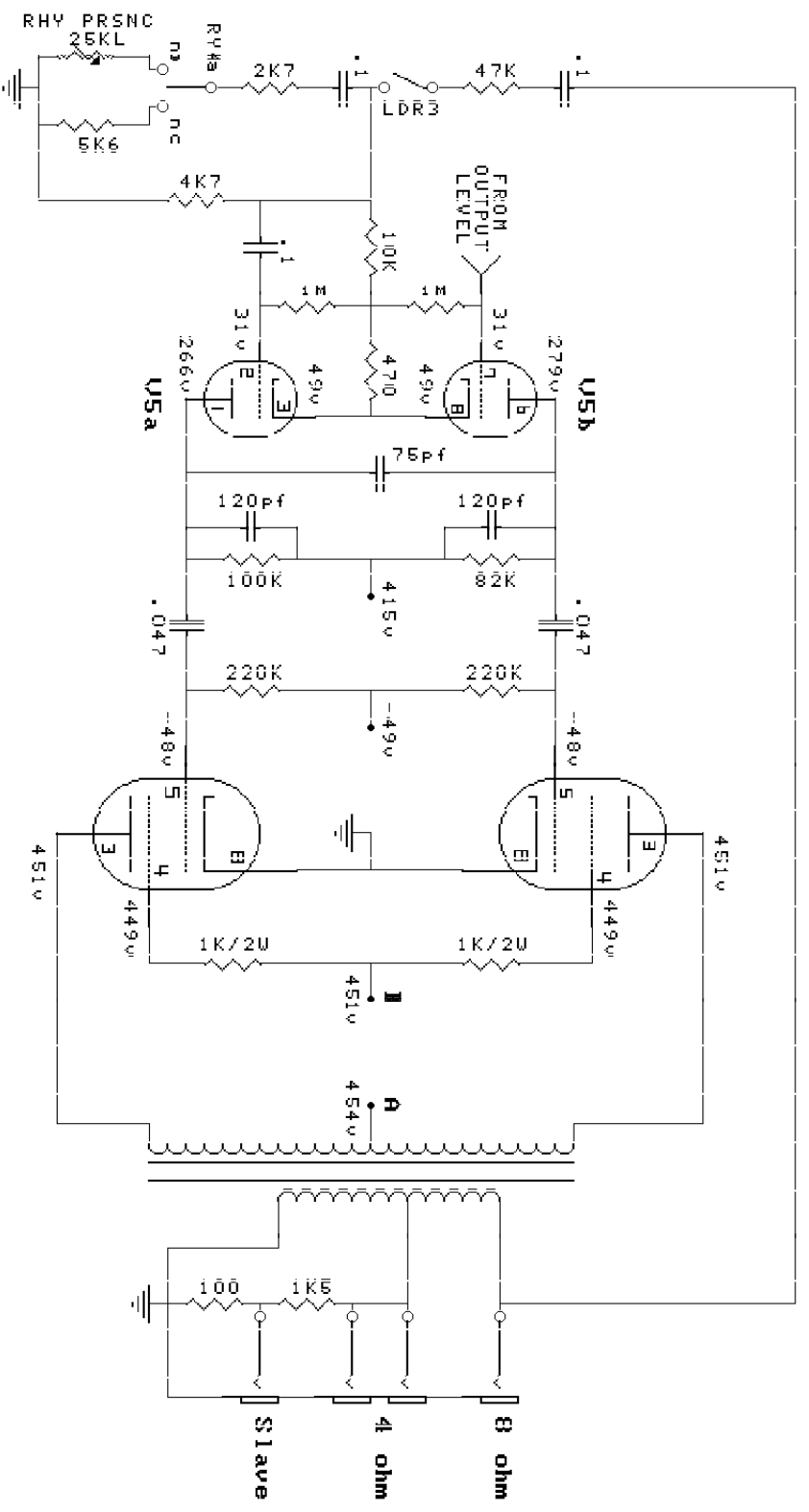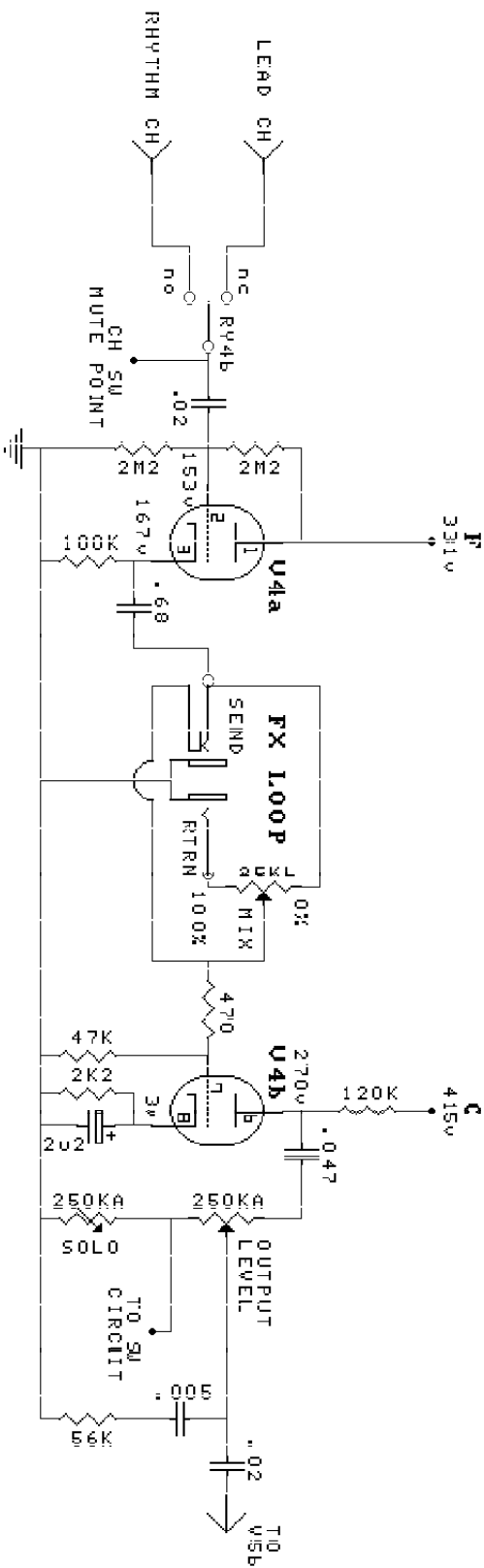
SOLO 50 / RECTOVERB
SWITCHING MATRIX
FILE SOL505W.S01

REC50E REVISION

RHYTHM
LEAD
nc
no
RY3a
SW MUTE
LDR1
500pf
475K
4007
4K
-15v
5532
+15v
475K
TO REV FTSW
.1
750
100K
+15v
SPRING REVERB
10K
J175
22K
.02
-15v
5532
+15v
3M3
10pf
47K
.005
RY3b
no
nc
RHYTHM
LEAD

REC50F REVISION

RHYTHM
LEAD
nc
no
RY3a
TO REV MUTE J175
500pf
475K
4007
4K
-15v
5532
+15v
475K
TO REV FTSW
750
100K
+15v
SPRING REVERB
10K
.1
J175
22K
.02
-15v
5532
+15v
3M3
10pf
47K
.005
RY3b
no
nc
RHYTHM
LEAD
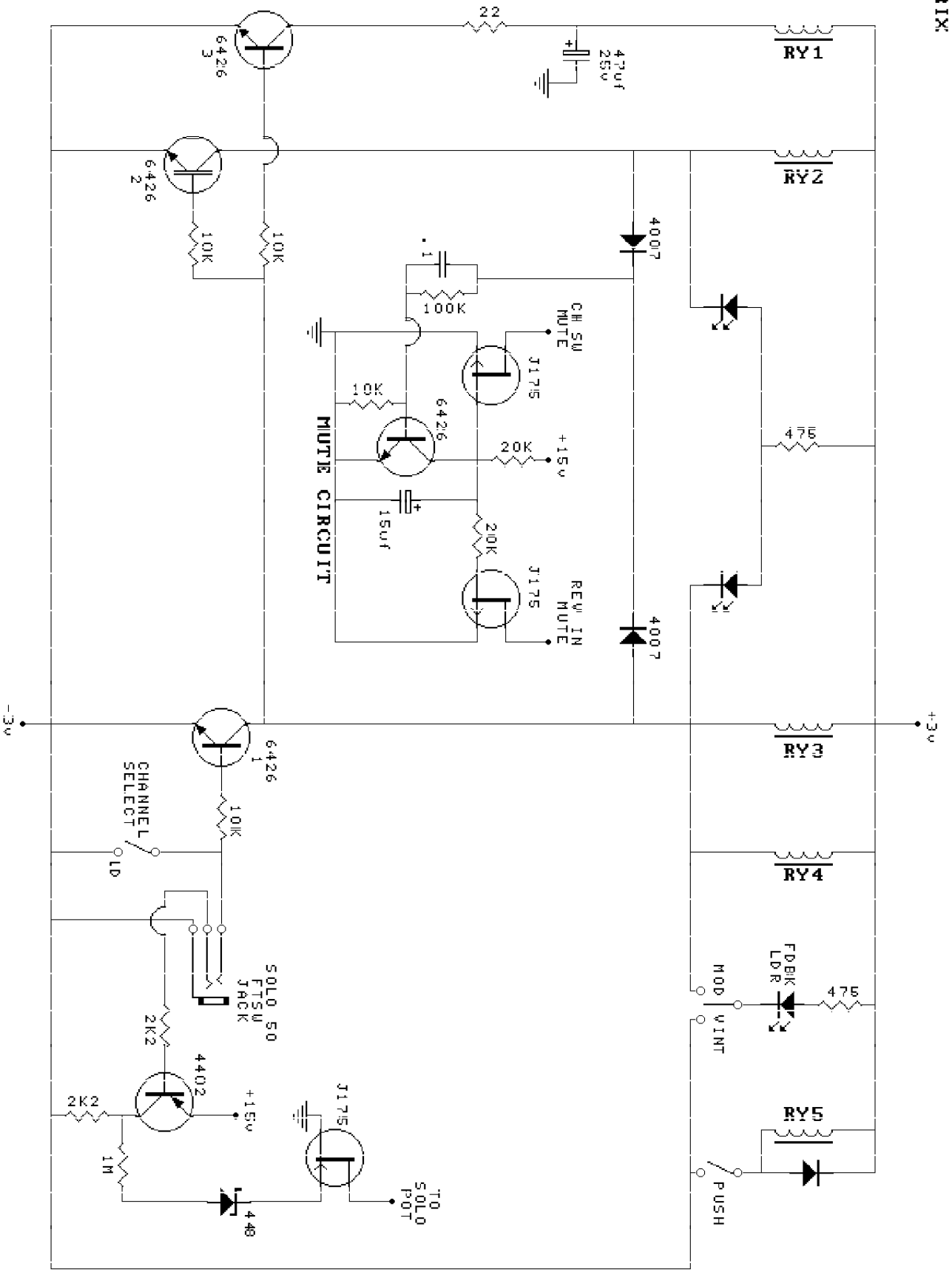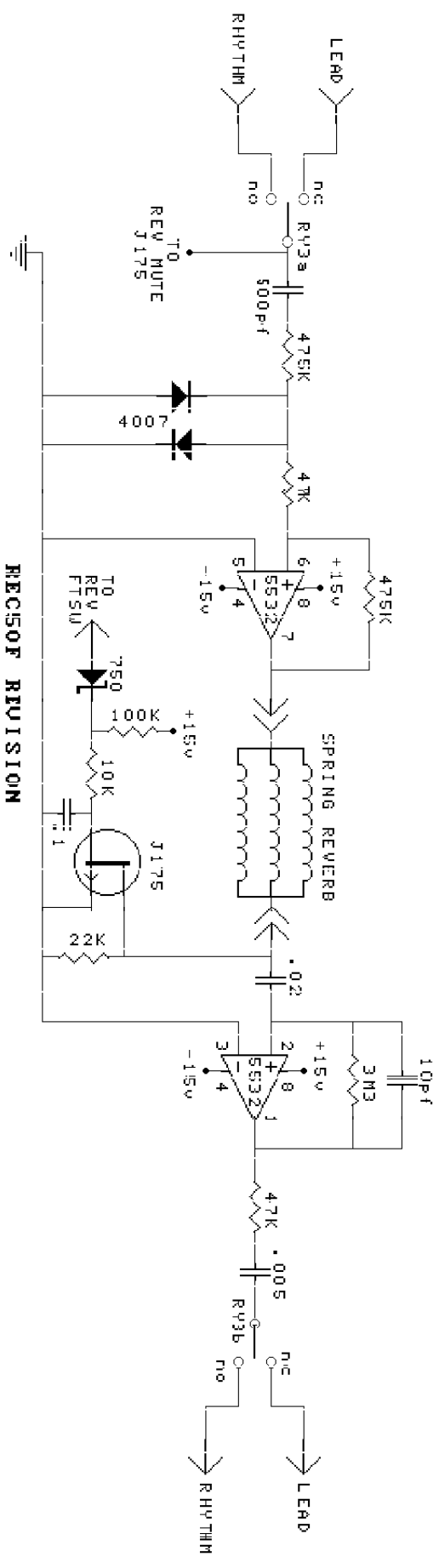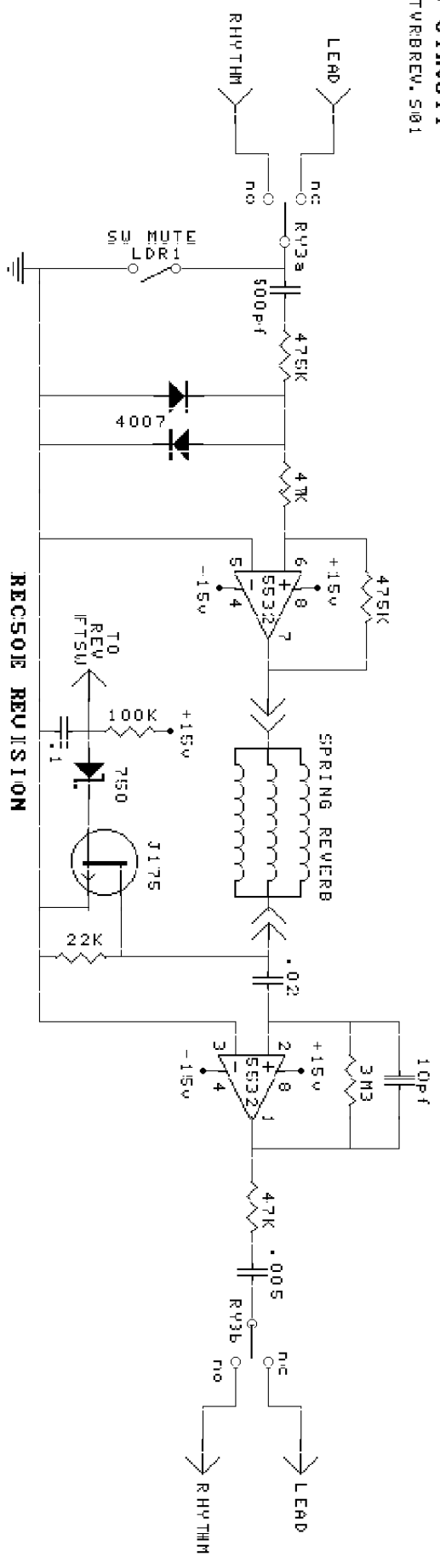
MESA-BOOGIE
SOLO 50

POWER SUPPLIES
FILE REC50SUPP.S01

Power supply schematic for Mesa-Boogie Solo 50.

Labels and component values visible in the diagram:

A   B   C   D   E   F

2.5a SLO-BLO   PWR
120vAC
130vAC MOV
BLK
XFMR #561054

RD 350vAC   4007
BLU
RD/YLW   60vAC
RD 350vAC   4007

STDBY
CHOKE
5K6   15K
22K   47K

220uf 300v   220K   220K   220K
.001
30uf 500v   10uf 450v   10uf 450v   10uf 450v   10uf 450v

GRN
GRN
PILOT   V2-V5 12AX7   6L6
4   5   2
9   7
4007
150
150
4   9
5
V1 12AX7
-3v   6K8uf X 3   +3v
39   39

1.25a SLO-BLO   PWR
220vAC to 240vAC
270vAC MOV
BRN
BRN/WHT
BRN/RD   220v
WHT   230v
240v
XFMR #561155

BIAS SUPPLY
-50v
4007   1K
220uf 63v   68K   22K   33K EXPORT ONLY
BLUE 60vAC
220uf 63v
2K2   4007
4744 15v ZENER
+15v