

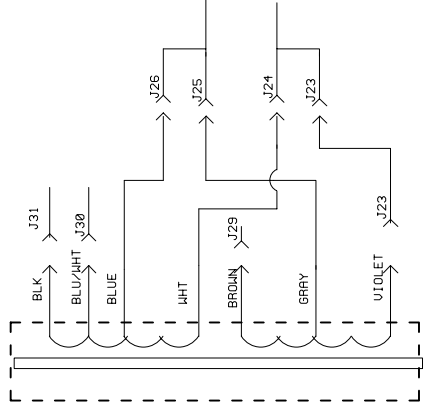
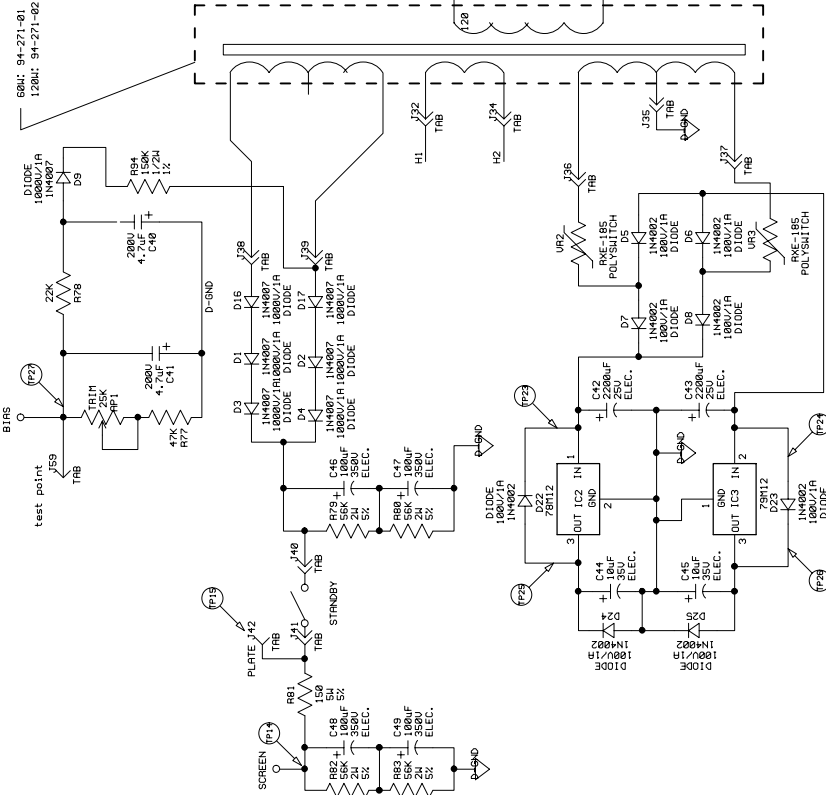
TEST POINT CONDITIONS: ALL DC VOLTAGES WITH NO SIGNAL APPLIED.
400HZ SINEWAVE @ 10mV.
ALL CONTROLS @ 10 EXCEPT DIRTY CH. LEVEL @ 5 REVERB @ 0
ALL BOOST SWITCHES OFF 16 OHM LOAD
REVERB LOADED WITH 1500HM RESISTOR.

CLEAN CHANNEL					DIRTY CHANNEL				
TP	DC VOLTS	AC VOLTS	WAVEFORM	TP	DC VOLTS	AC VOLTS	WAVEFORM		
1	—	10mVrms		1	—	10mVrms			
2	140	.375Vrms		2	140	.375Vrms			
3	175	1.7Vrms		3	175	1.9Vrms			
4	180	.17Vrms		4	180	31Vrms			
5	145	1.2Vrms		5	145	1.2Vrms			
6	265	25.2Vrms		6	265	80Vrms			
7	260	7Vrms		7	260	21.1Vrms			
8	278	1.84Vrms		8	278	.75Vrms			
9	64	1.91Vrms		9	64	.78Vrms			
10	80	2.45Vrms		10	80	1Vrms			
11	256	36.5Vrms		11	256	17.5Vrms			
12	250	38.5Vrms		12	250	18.1Vrms			
13	—	28.8Vrms		13	—	14.5Vrms			
14	470	.62Vrms		14	470	.62Vrms			
15	475	3.5Vrms		15	475	3.5Vrms			
16	390	—		16	390	—			
17	335	—		17	335	—			
18	320	—		18	320	—			
19	-8.5	2.2Vrms		19	-8.5	.95Vrms			
20	-3.75	6.65Vrms		20	-3.75	3.13Vrms			
21	-12	—		21	0	—			
22	0	—		22	-11.5	—			
23	16	.35Vrms		23	16	.35Vrms			
24	-16.4	.3Vrms		24	-16.4	.3Vrms			
25	12	—		25	12	—			
26	-12	—		26	-12	—			
27	-50	—		27	-50	—			

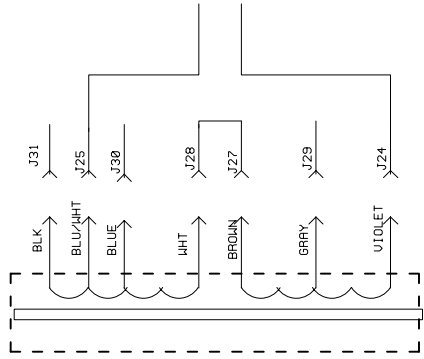
CAUTION:
THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL.
TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND
WHAT EXPAINED IN THE OPERATING INSTRUCTIONS.

- NOTES:
1) CAUTION: SHOCK HAZARD!!
THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER
AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE
TOUCHING INTERNAL PARTS.
2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL.
3) CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
ALL CAPACITORS ARE POLARIZED WITH NEGATIVE OSCILLOSCOPE
AND 10 RESIST DIGITAL VOLTMETER.

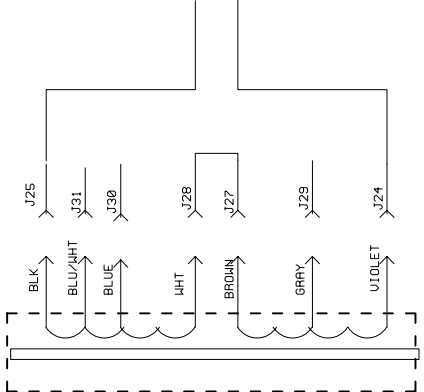
LAST DESIGNATOR R112 C58 D25 Q14 IC3 J68 Q5 UR1
NOT USED C5,C38,J2,J10,J11,J16-J28,J33,J43,J62,R67,S5



100V
50/60HZ
FUSE = T3A SLO BLO



230V
50/60HZ
FUSE = T1.5A SLO BLO



240V
50/60HZ
FUSE = T1.5 SLO BLO

EXPORT WIRING

5	11-25-98	RLB	OK	CHANGE TO AGREE WITH PICTORIAL PER E980586
4	10-9-98	RLB	OK	CHANGE TO AGREE WITH PICTORIAL PER E980536
3	6-30-98	RLB	OK	DEL_R67,C38,C5_PER_LECO_980427
2	03/02/98	REM	OK	ART_T0_REV.2,ADDED_R111,R112_PER_E980227.
1	02/03/98	REM	OK	REPL_C1,R58_OPT_PER_E980150,ADDED_EXPORT_WIRING.
REV	DATE	BY	CHK'D	DESCRIPTION
SIGNATURES:				DATE:
DRAWN: REM				01/06/98
CHK'D: OK				01/06/98
APP'D: OK				01/06/98
ORIGINAL ISSUED:				01/06/98
PROJECT NAME:				VC-60/120-GUITAR_AMP
DRAWING NAME:				SCHEMATIC
PLOT DATE:				00/00/00
FILE NAME:				07S271-01/11
SCALE:				NONE
SHEET:				1_OF_2

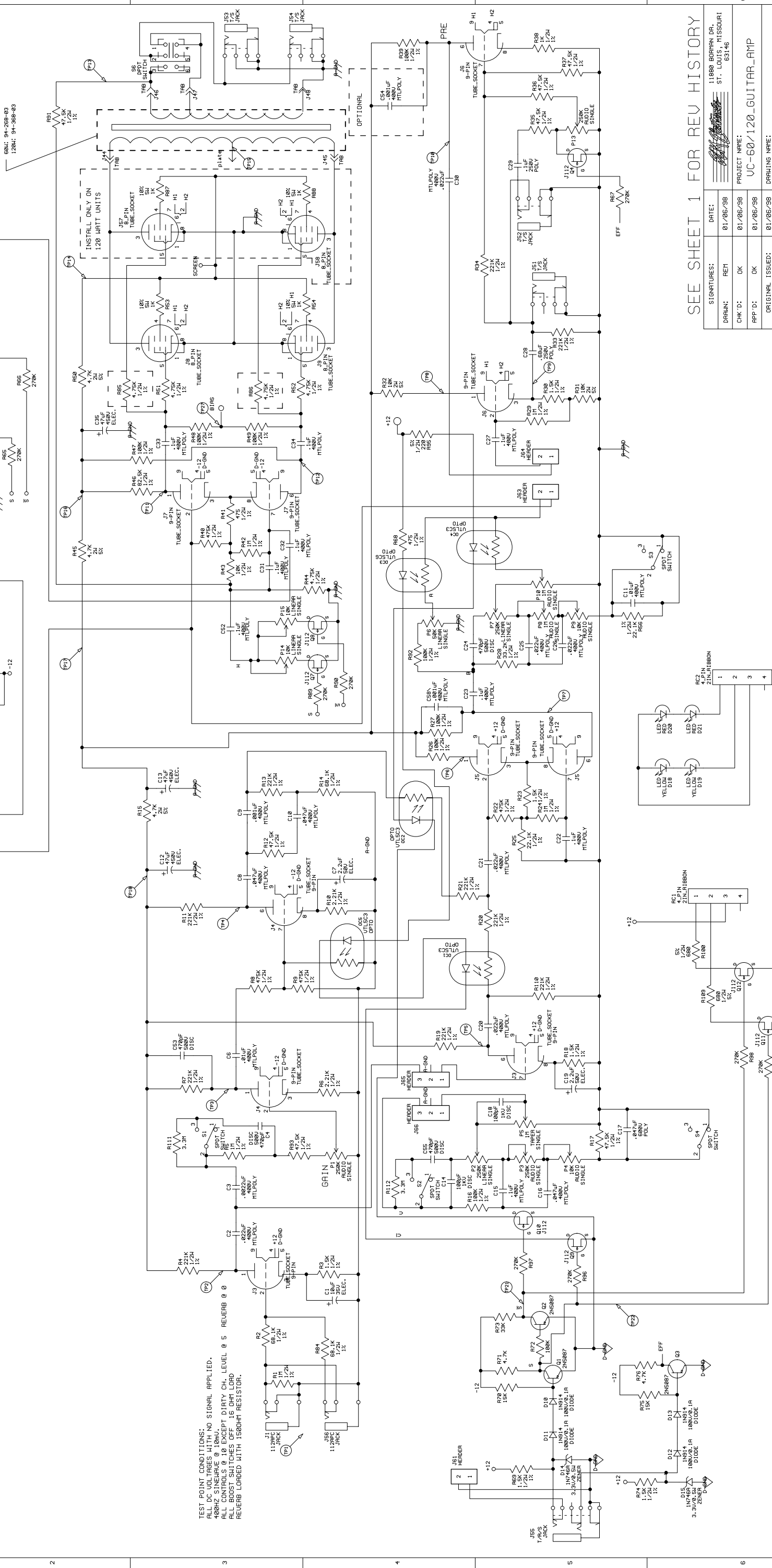
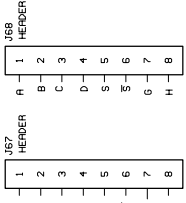
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PERSONNEL. SERVICING INSTRUCTIONS ARE LOCATED IN THE
OPERATING INSTRUCTIONS.

NOTES:

- 1) CAUTION: SHOCK HAZARD!!
ALL DC VOLTAGES WITH NO SIGNAL APPLIED.
TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED
PERSONNEL. SERVICING INSTRUCTIONS ARE LOCATED IN THE
OPERATING INSTRUCTIONS.
- 2) TOUCHING INTERNAL PARTS WHILE DISCONNECTED POWER
AND BE SURE POWER SUPPLY IS DISCONNECTED BEFORE
SERVICING.
- 3) CAPACITOR VALUES IN MICROFARADS. 500-1000 VOL.
VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE
AND 10 MEGOHM DIGITAL VOLTMETER.

TEST POINT CONDITIONS:

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TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED
PERSONNEL. SERVICING INSTRUCTIONS ARE LOCATED IN THE
OPERATING INSTRUCTIONS.



SEE SHEET 1 FOR REV HISTORY

SIGNATURES:	DATE:
DRAWN: REP1	01/06/98
CHK'D: OK	01/06/98
APP'D: OK	01/06/98
ORIGINAL ISSUED:	01/06/98
DRAWING NAME:	SCHEMATIC
PLOT DATE:	06/08/00
FILE NAME:	27101CS-
SCALE:	NONE
SHEET:	2 OF 2

11880 BORRIN DR.
ST. LOUIS, MISSOURI
63146
PROJECT NAME:
UC-60/120 GUITAR AMP
DRAWING NAME:
SCHEMATIC
PLOT DATE:
06/08/00
FILE NAME:
27101CS-
SCALE:
NONE
SHEET:
2 OF 2