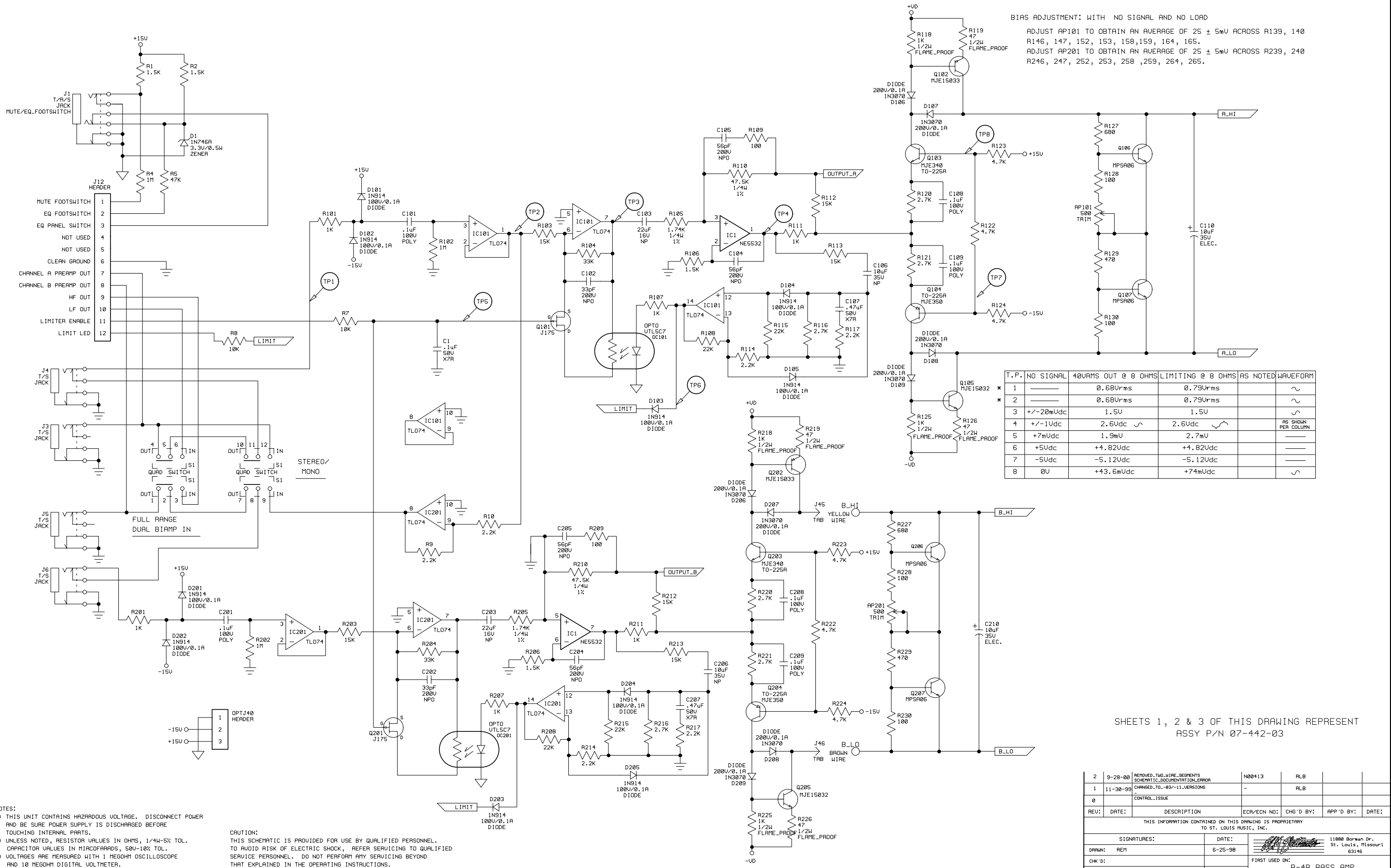
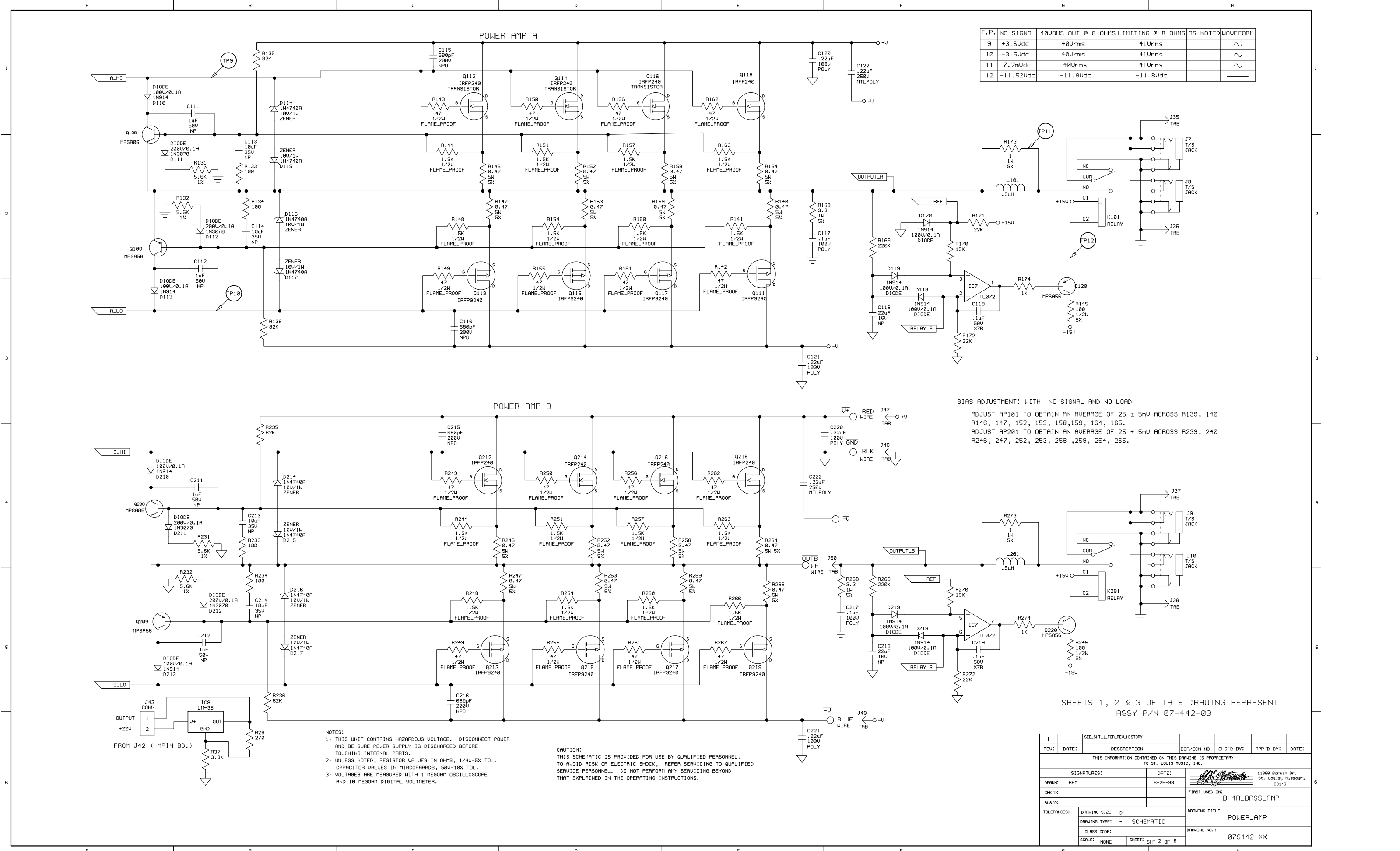


A B C D E F G H





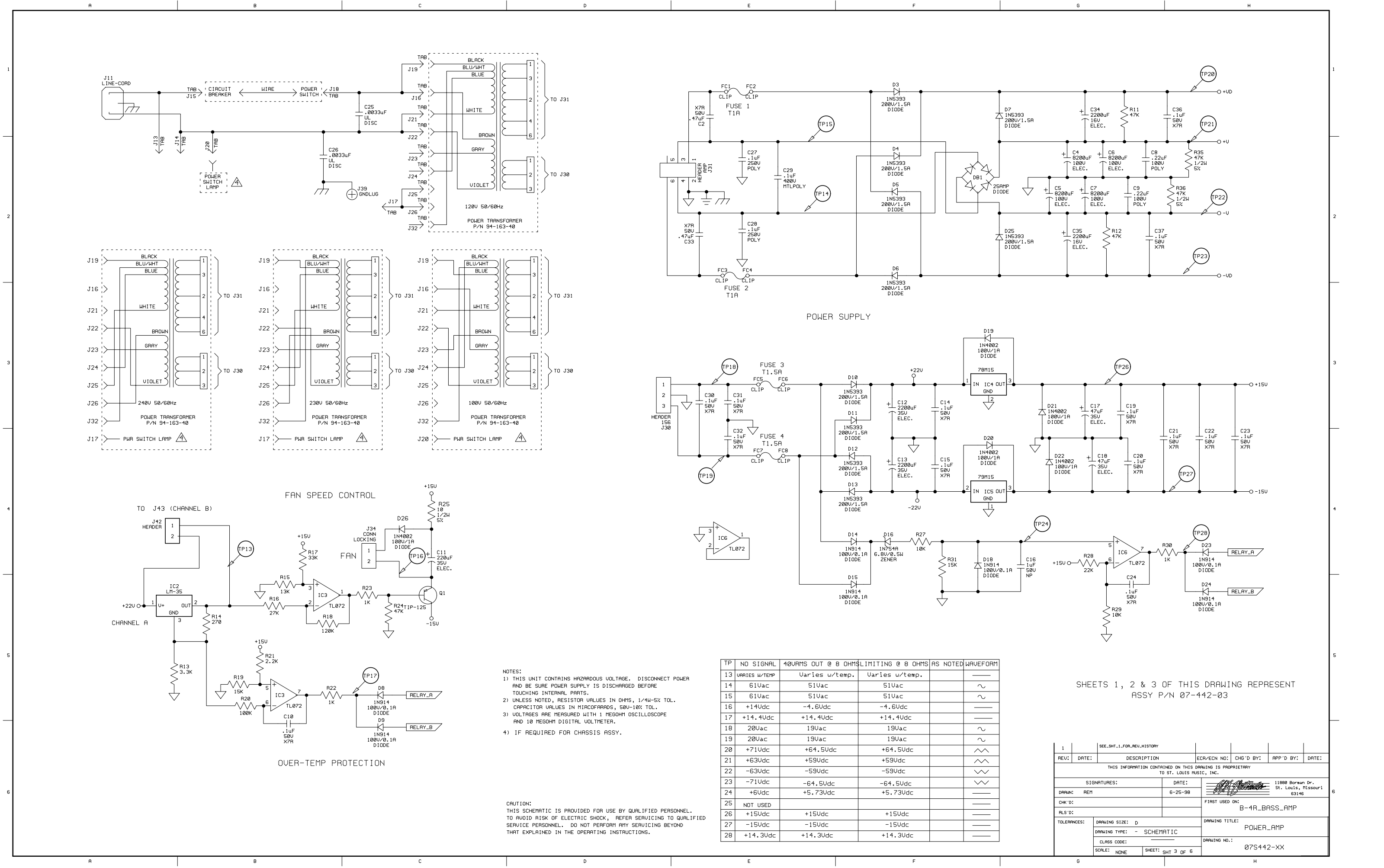
T.P.	NO SIGNAL	40VRMS OUT @ 8 OHMS	LIMITING @ 8 OHMS	AS NOTED WAVEFORM
9	+3.6Vdc	40Vrms	41Vrms	~
10	-3.5Vdc	40Vrms	41Vrms	~
11	7.2mVdc	40Vrms	41Vrms	~
12	-11.52Vdc	-11.8Vdc	-11.8Vdc	—

BIAS ADJUSTMENT: WITH NO SIGNAL AND NO LOAD
ADJUST AP101 TO OBTAIN AN AVERAGE OF 25 ± 5mV ACROSS R139, 140
R146, 147, 152, 153, 158,159, 164, 165.
ADJUST AP201 TO OBTAIN AN AVERAGE OF 25 ± 5mV ACROSS R239, 240
R246, 247, 252, 253, 258 ,259, 264, 265.

SHEETS 1, 2 & 3 OF THIS DRAWING REPRESENT
ASSY P/N 07-442-03

- NOTES:
- THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
 - UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
 - VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- 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 THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

1	SEE_SHT.1_FOR_REV.HISTORY							
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHG'D BY:	APP'D BY: DATE:			
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.								
SIGNATURES:		DATE:	 11880 Borman Dr. St. Louis, Missouri 63146					
DRAWN: REM	6-25-98					FIRST USED ON: B-4R_BASS_AMP		
CHK'D:								
RLS'D:								
TOLERANCES:	DRAWING SIZE: D					DRAWING TITLE:		
	DRAWING TYPE: - SCHEMATIC					POWER_AMP		
	CLASS CODE:					DRAWING NO.:		
	SCALE: NONE					07S442-XX		
	SHEET: SHT 2 OF 6							



NOTES:

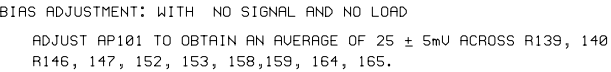
- 1) THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- 2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- 4) IF REQUIRED FOR CHASSIS ASSY.

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
THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

TP	NO SIGNAL	40VRMS OUT @ 8 OHMS	LIMITING @ 8 OHMS AS NOTED	WAVEFORM
13	VARIES w/TEMP	Varies w/TEMP.	Varies w/TEMP.	---
14	61Vac	51Vac	51Vac	~
15	61Vac	51Vac	51Vac	~
16	+14Vdc	-4.6Vdc	-4.6Vdc	---
17	+14.4Vdc	+14.4Vdc	+14.4Vdc	---
18	20Vac	19Vac	19Vac	~
19	20Vac	19Vac	19Vac	~
20	+71Vdc	+64.5Vdc	+64.5Vdc	^^
21	+63Vdc	+59Vdc	+59Vdc	^^
22	-63Vdc	-59Vdc	-59Vdc	^^
23	-71Vdc	-64.5Vdc	-64.5Vdc	^^
24	+6Vdc	+5.73Vdc	+5.73Vdc	---
25	NOT USED			---
26	+15Vdc	+15Vdc	+15Vdc	---
27	-15Vdc	-15Vdc	-15Vdc	---
28	+14.3Vdc	+14.3Vdc	+14.3Vdc	---

SHEETS 1, 2 & 3 OF THIS DRAWING REPRESENT
ASSY P/N 07-442-03

1	SEE_SHT.1_FOR_REV_HISTORY				
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHG'D BY:	APP'D BY:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.					
SIGNATURES:		DATE:	11000 Bowman Dr. St. Louis, Missouri 63146		
DRAWN: REM	6-25-98		FIRST USED ON: B-4R_BASS_AMP		
CHK'D:			DRAWING TITLE: POWER_AMP		
ALS'D:			DRAWING NO.: 07S442-XX		
TOLERANCES:	DRAWING SIZE: D				
	DRAWING TYPE: - SCHEMATIC				
	CLASS CODE:				
	SCALE: NONE		SHEET: SHT 3 OF 6		



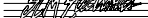
T.P.	NO SIGNAL	40URMS OUT @ 8 OHMS	LIMITING @ 8 OHMS	AS NOTED	WAVEFORM
*	1	0.68Urms	0.79Urms		~
*	2	0.68Urms	0.79Urms		~
	3	+/-20mVdc	1.5V	1.5V	~
	4	+/-1Vdc	2.6Vdc	2.6Vdc	~
	5	+7mVdc	1.9mV	2.7mV	AS SHOWN PER COLUMNS
	6	+5Vdc	+4.82Vdc	+4.82Vdc	~
	7	-5Vdc	-5.12Vdc	-5.12Vdc	~
	8	0V	+43.6mVdc	+74mVdc	~

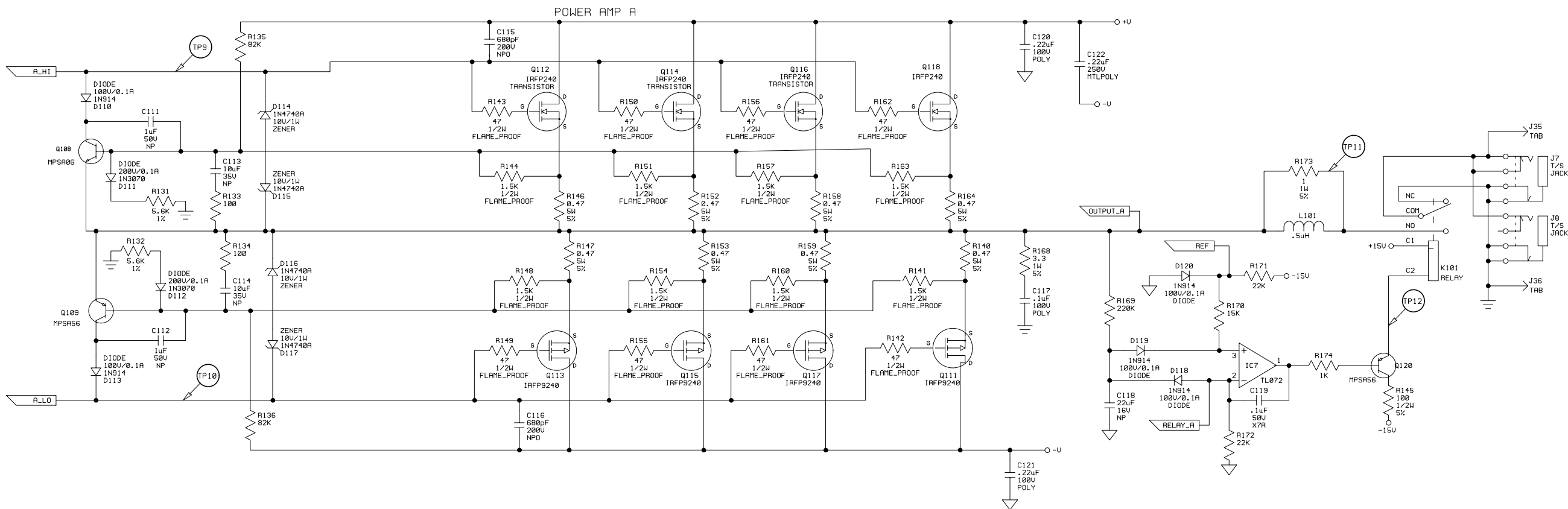
SHEETS 4, 5 & 6 OF THIS DRAWING REPRESENTS
ASSY P/N 07-442-11

NOTES:

- 1) 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. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.

CAUTION:
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THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

1		SEE_SHT_1_FOR_REV_HISTORY					
REV:	DATE:	DESCRIPTION		ECR/ECN NO:	CHG'D BY:	APP'D BY:	DATE:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.							
SIGNATURES:				DATE:	11880 Borman Dr. St. Louis, Missouri! 63146		
DRAWN:	REM	6-25-98					
CHK'D:				FIRST USED ON:			
RLS'D:				B-4R_BASS_AMP			
TOLERANCES:	DRAWING SIZE: D SCHEMATIC			DRAWING TITLE:			
	DRAWING TITLE: -			POWER_AMP			
	CLASS CODE:			DRAWING NO.:			
	SCALE: NONE	SHEET: SHT 4 OF 6		07S442-XX			

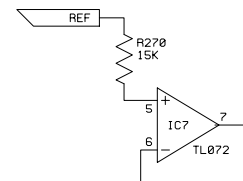


BIAS ADJUSTMENT: WITH NO SIGNAL AND NO LOAD
 ADJUST AP101 TO OBTAIN AN AVERAGE OF $25 \pm 5\text{mV}$ ACROSS R139, 140, R146, 147, 152, 153, 158, 159, 164, 165.

T.P.	NO SIGNAL	40URMS OUT @ 8 OHMS	LIMITING @ 8 OHMS	AS NOTED WAVEFORM
9	+3.6Vdc	40Urms	41Urms	~
10	-3.5Vdc	40Urms	41Urms	~
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SHEETS 4, 5 & 6 OF THIS DRAWING REPRESENTS
 ASSY P/N 07-442-11

1		SEE_SHT_1_FOR_REV_HISTORY				
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHG'D BY:	APP'D BY:	DATE:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:		DATE:	11880 Borman Dr. St. Louis, Missouri 63146			
DRAWN:	REM	6-25-98				
CHK'D:			FIRST USED ON:			
ALS'D:			B-4R_BASS_AMP			
TOLERANCES:	DRAWING SIZE: D	DRAWING TITLE:		POWER_AMP		
	DRAWING TYPE: - SCHEMATIC	DRAWING NO.:		07S442-XX		
	CLASS CODE:					
	SCALE: NONE	SHEET: SHT 5 OF 6				

[illegible]