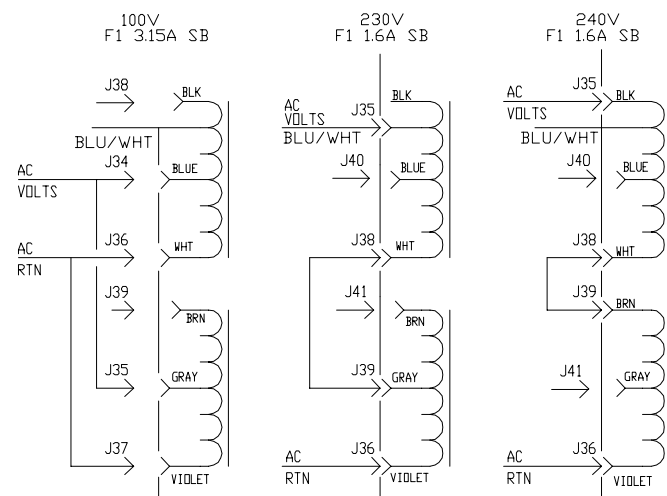




POWER
XFMR
PART # 94-650-40



T.P. #	D.C. VOLTAGE NO SIGNAL (V)	SIGNAL, CHANNEL 1 ACTIVE (VP-P)	SIGNAL, CHANNEL 2 ACTIVE (VP-P)
1	205	0.3	0.3
2	215	0.02	0.02
3	215	0.03	2.2
4	185	---	0.14
5	200	---	105
6	215	---	130 (CLIPPED)
7	0	6	
8	0	2 W/0.03VP-P SIGNAL FROM REV.	
9	0	0.6	
10	0	1.7	
11	265	22	15 (CLIPPED)
12	0	12	7.5 (CLIPPED)
13	---	0.2VDC	10VDC
14	---	10VDC	0.2VDC
15	---	0.2VDC (FX ON)	10VDC (FX OFF)

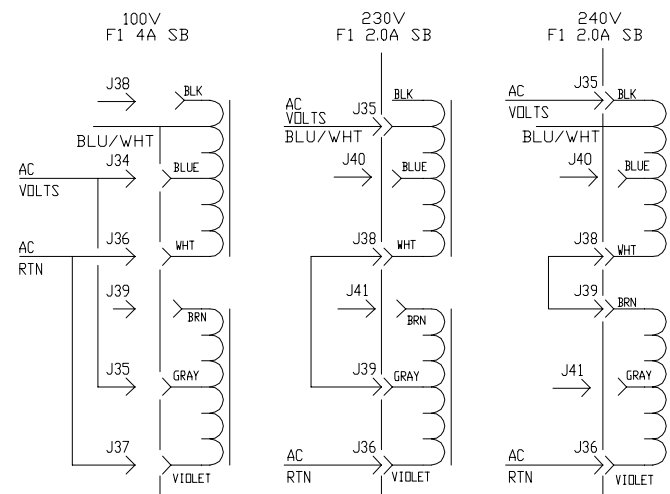
1 KHz SIGNAL @ INPUT; ALL CONTROLS @ "10",
EXCEPT CHANNEL 2 GAIN, HIGH, MASTER @ "5" AND
REVERB, PRESENCE @ "0". 8 OHM LOAD.

P/N 07-105-02
SUPERCEDES 07S295-51 !

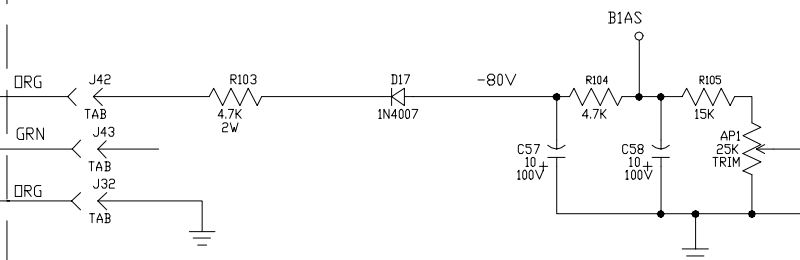
- 1) CAUTION: SHOCK HAZARD!!
THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER
AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE
TOUCHING INTERNAL PARTS.
- 2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL.
CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE
AND 10 MEGOHM DIGITAL VOLTMEETER.
- 4) CHASSIS GROUND DIRTY GROUND SIGNAL GROUND

- 1) CONNECT UNIT TO PROPER AC LINE VOLTAGE.
- 2) ALLOW UNIT TO WARM UP AT LEAST 5 MINUTES.
- 3) WITH NO SIGNAL APPLIED ADJUST AP1 FOR 85 WATTS (0.8A DOMESTIC) DRAW FROM THE LINE.
- 4) ALTERNATE METHOD: WITH ENOUGH SIGNAL (CLEAN) TO JUST CLIP OUTPUT ADJUST AP1 FOR SLIGHT CROSSOVER DISTORTION VISIBLE ON OSCILLOSCOPE TRACE.

1	10/4/00	CHGD PARTS PER ECN N00085	N00085	WFB	
0		CONTROL ISSUE			
A		INITIAL ISSUE			
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.					
SIGNATURES:		DATE:			
DRAWN: REM		2/19/99	11880 Borman Dr. St. Louis, Missouri 63146		
CHK'D:			FIRST USED ON:		
RLS'D			BV120HBb		
TOLERANCES:	DRAWING SIZE:	D		DRAWING TITLE:	
	DRAWING TYPE:	SCHEMATIC		SCHEMATIC - GUITAR AMP	
	CLASS CODE:		DRAWING NO.:		
	SCALE: NONE	SHEET:	1 of 6		07S105--XX



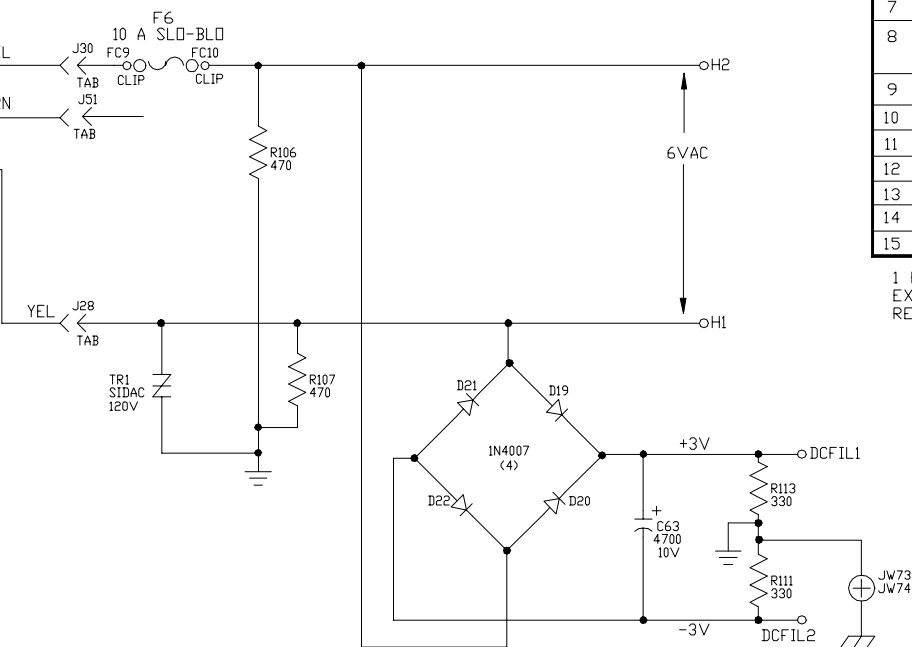
POWER
XFMR
PART # 94-650-40



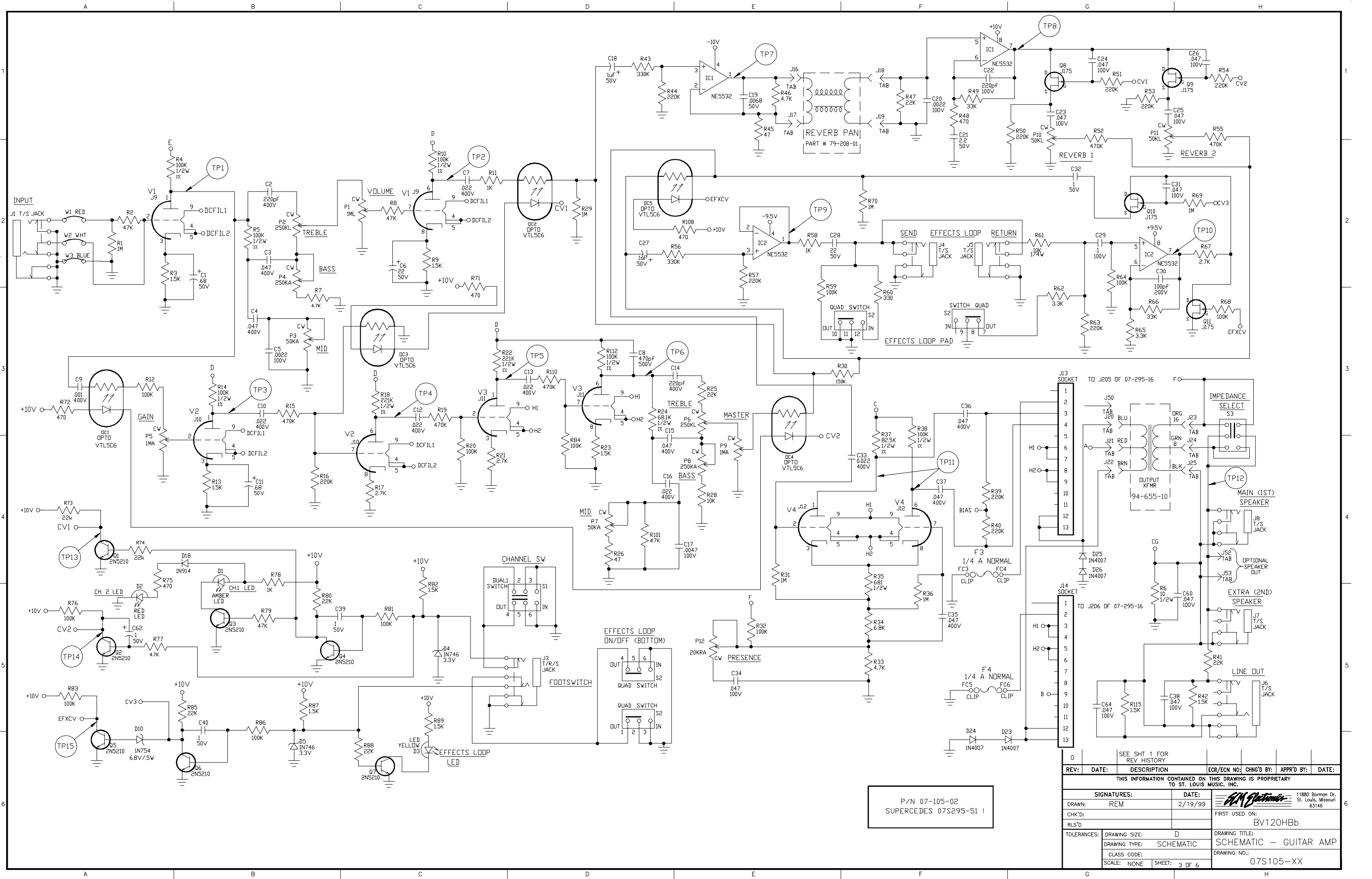
T.P. #	D.C. VOLTAGE NO SIGNAL (V)	SIGNAL, CHANNEL 1 ACTIVE (VP-P)	SIGNAL, CHANNEL 2 ACTIVE (VP-P)
1	205	0.3	0.3
2	215	0.02	0.02
3	215	0.03	2.2
4	185	---	0.14
5	200	---	105
6	215	---	130 (CLIPPED)
7	0	6	
8	0	2 W/03VP-P SIGNAL FROM REV.	
9	0	0.6	
10	0	1.7	
11	265	22	15 (CLIPPED)
12	0	16	10 (CLIPPED)
13	---	0.2VDC	10VDC
14	---	10VDC	0.2VDC
15	---	0.2VDC (FX ON)	10VDC (FX OFF)

P/N 07-105-01
SUPERCEDES 07S295-01 I

- 1) CONNECT UNIT TO PROPER AC LINE VOLTAGE.
- 2) ALLOW UNIT TO WARM UP AT LEAST 5 MINUTES.
- 3) WITH NO SIGNAL APPLIED ADJUST AP1 FOR 120 WATTS (1.3A DOMESTIC) DRAW FROM THE LINE.
- 4) ALTERNATE METHOD: WITH ENOUGH SIGNAL (CLEAN) TO JUST CLIP OUTPUT ADJUST AP1 FOR SLIGHT CROSSOVER DISTORTION VISIBLE ON OSCILLOSCOPE TRACE.

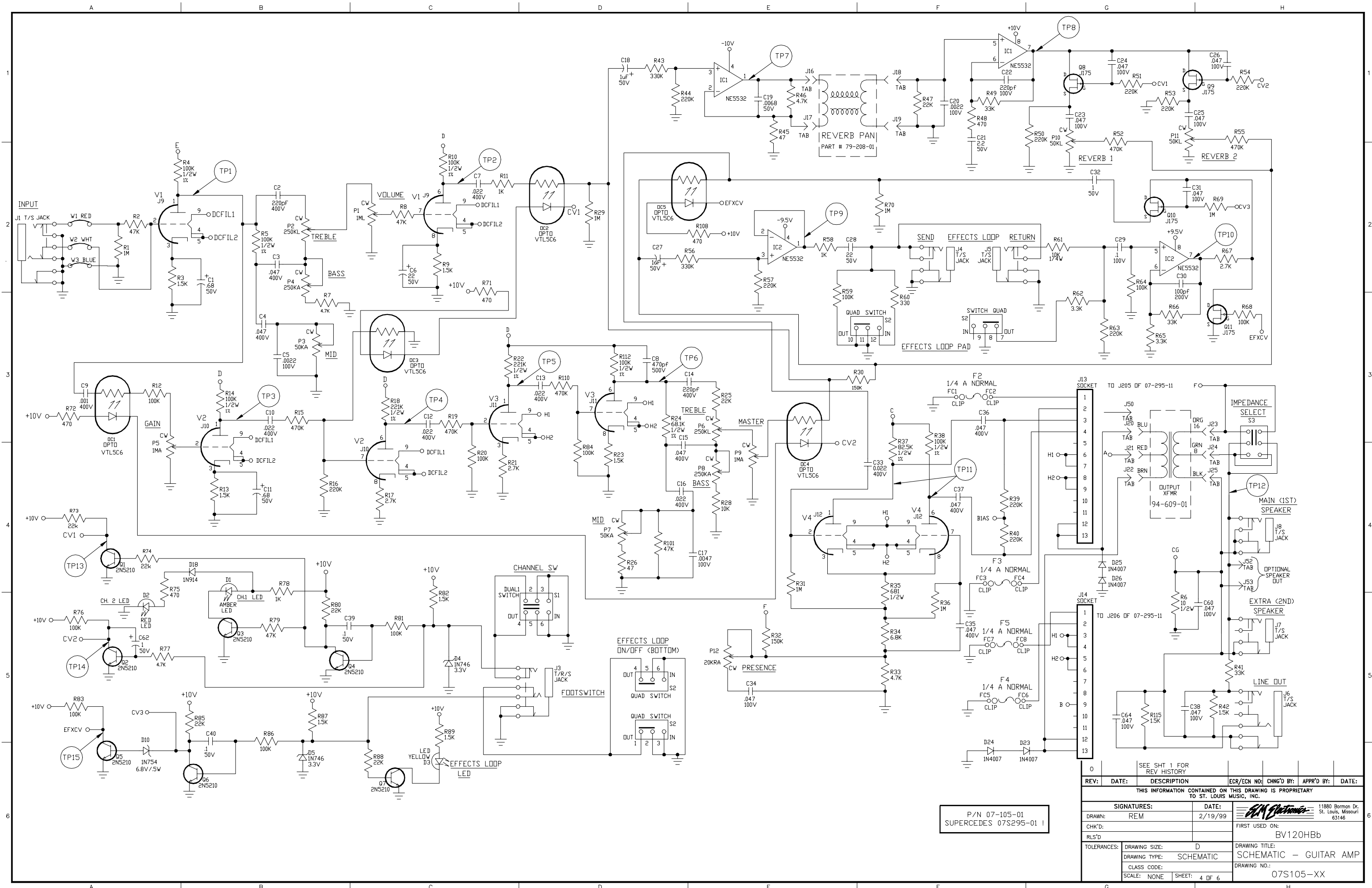


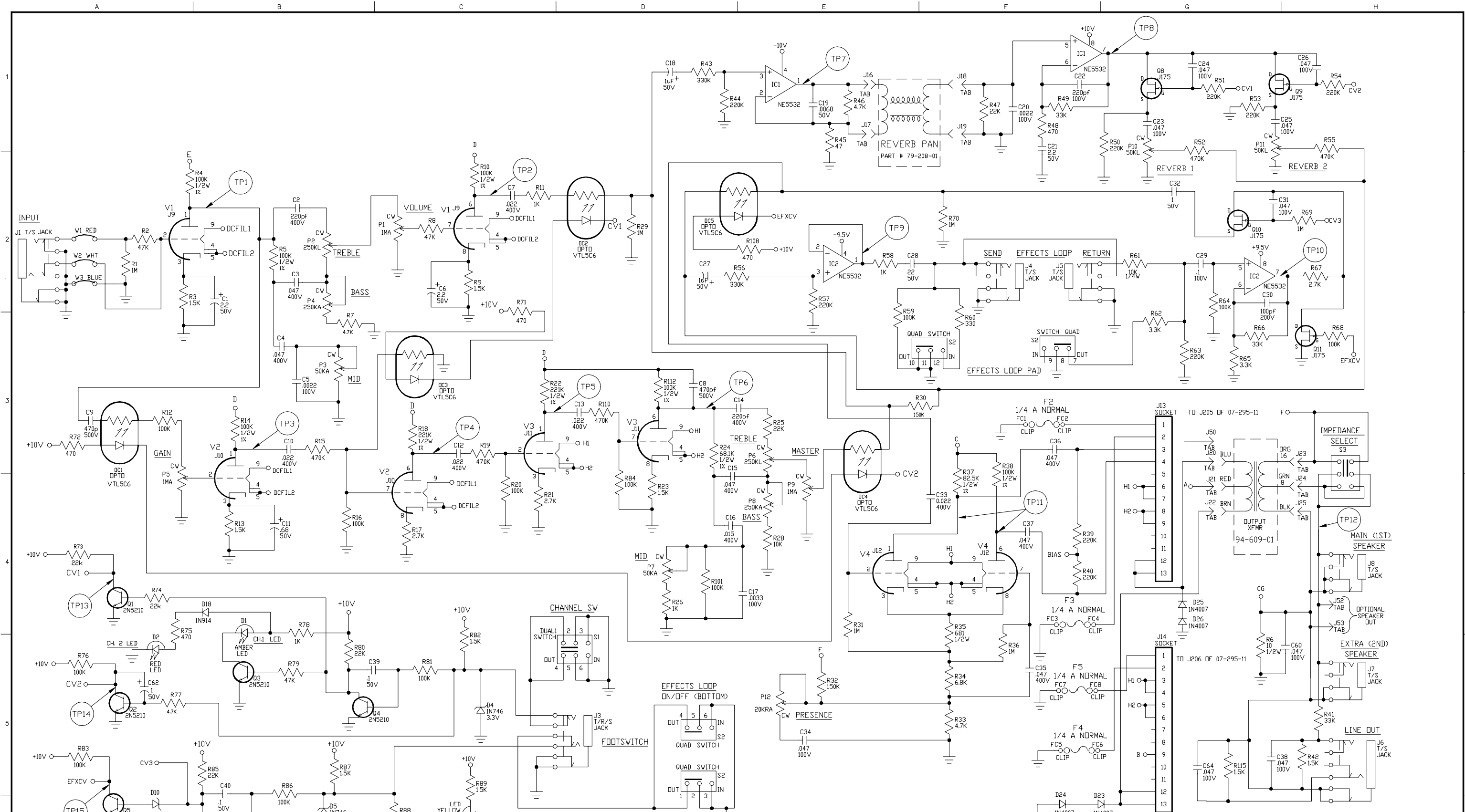
0	SEE SHT 1 FOR REV HISTORY				
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY: DATE:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.					
SIGNATURES:			DATE:	 11880 Borman Dr. St. Louis, Missouri 63146	
DRAWN: REM			2/19/99	FIRST USED ON:	
CHK'D:				BV120HbB	
RLS'D					
TOLERANCES:	DRAWING SIZE: D		DRAWING TITLE:		
	DRAWING TYPE: SCHEMATIC		SCHEMATIC - GUITAR AMP		
	CLASS CODE:		DRAWING NO.:		
	SCALE: NONE	SHEET: 2 of 6	07S105-XX		



P/N 07-105-02
SUPERCEDES 07S295-51 !

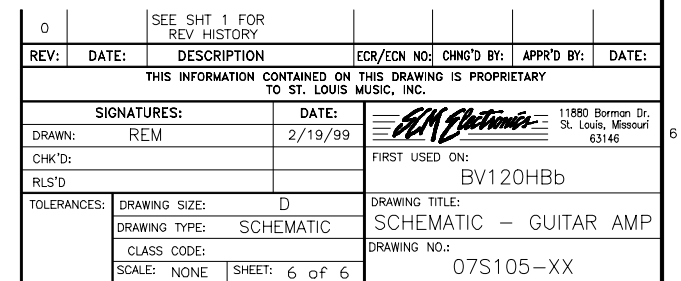
SEE SHT 1 FOR REV. HISTORY					
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.					
SIGNATURES:		DATE:		11880 Borman Dr. St. Louis, Missouri 63146	
DRAWN: REM		2/19/99		FIRST USED ON:	
CHK'D:				BV120HBb	
RLS'D:				DRAWING TITLE:	
TOLERANCES:		DRAWING SIZE: D		SCHEMATIC - GUITAR AMP	
		DRAWING TYPE: SCHEMATIC		DRAWING NO.:	
		CLASS CODE:		07S105-XX	
		SCALE: NONE		SHEET: 3 OF 6	

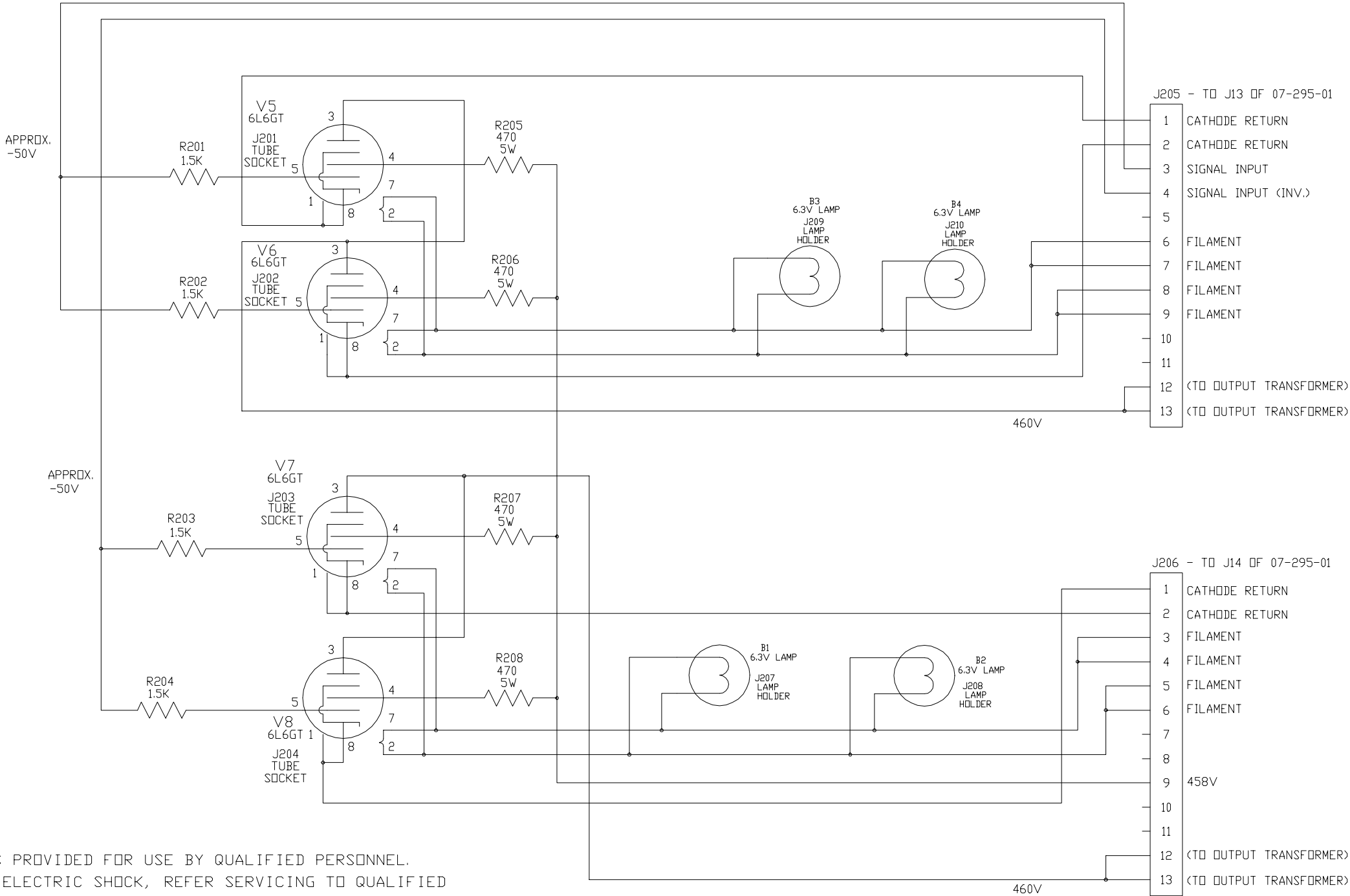




P/N 07-105-03
SUPERCEDES 07S295-02 !

SEE SHT 1 FOR REV HISTORY					
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'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		2/19/99		FIRST USED ON:	
CHK'D:				BV120Hb6	
RLS'D:				DRAWING TITLE:	
TOLERANCES:		DRAWING SIZE: D		SCHEMATIC - GUITAR AMP	
		DRAWING TYPE: SCHEMATIC		DRAWING NO.:	
		CLASS CODE:		07S105-XX	
		SCALE: NONE		SHEET: 5 OF 6	





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.

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

SIGNATURES:		DATE:	 11880 BORMAN DR. ST. LOUIS, MISSOURI 63146
DRAWN:	LMA	04/03/96	
CHK'D:	GM	04/04/96	
APP'D:	GM	04/04/96	
ORIGINAL ISSUED:		04/04/96	PROJECT NAME: BV-120H
PLOT DATE:		04/03/96	
PLOT TIME:		23:06:38	DRAWING NAME: TUBE BD. SCHEMATIC
FILE NAME:		29512HO_	
DRAWING NO.		07S295-12	REV. _
SCALE:		1:1	SHEET: -