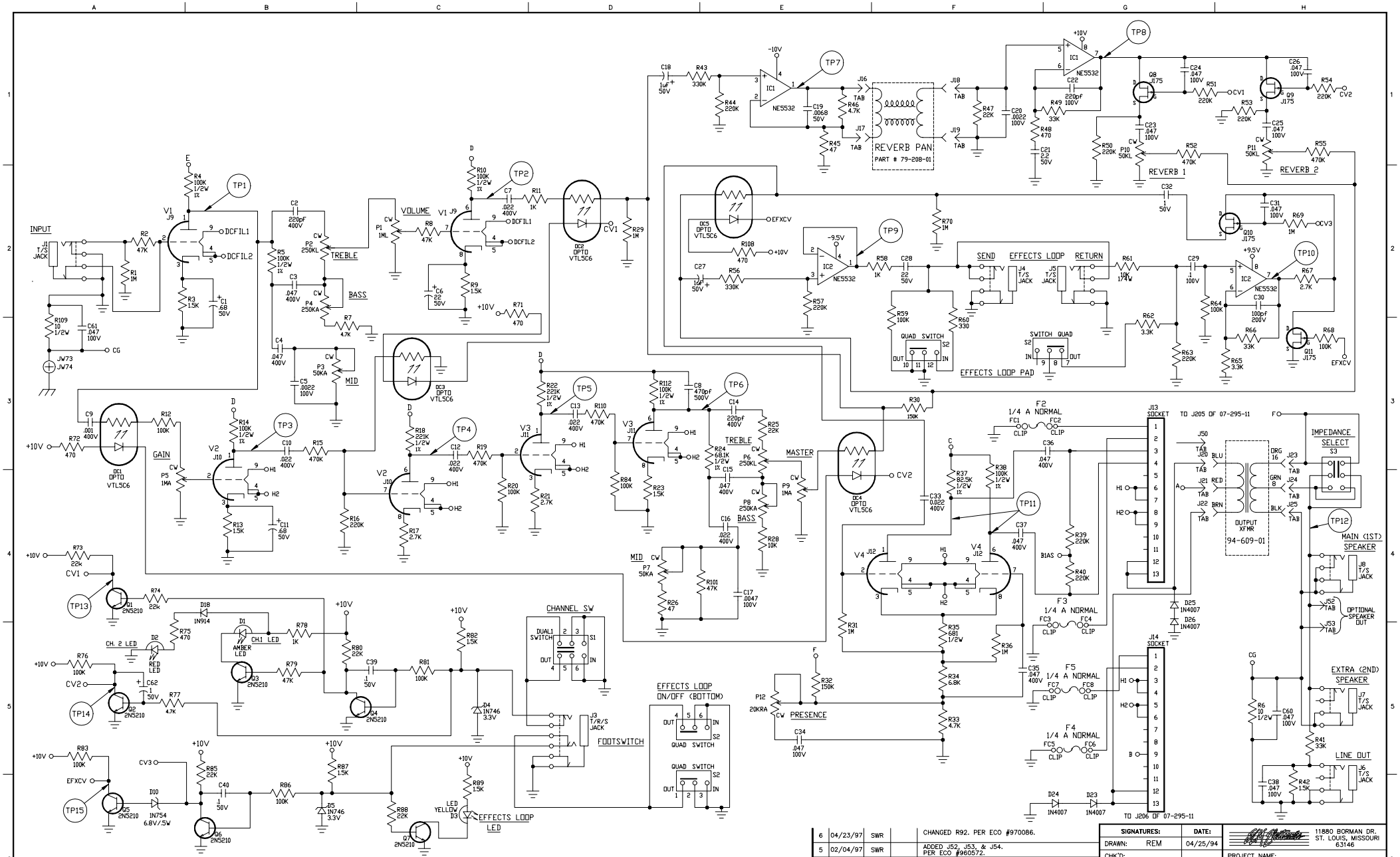


REV	DATE	BY	CHK'D	DESCRIPTION
9	7-14-98	RLB		UPDATE TO AGREE WITH PICTORIAL PER ECO 980029
8	09/05/97	SWR		CHANGED NOTE #5 ON SHEET 2 OF 2. PER ECO #970453.
7	08/11/97	DDA		MADE CHANGES PER MARKUP PER 970404
6	04/23/97	SWR		CHANGED R92. PER ECO #970086.
5	02/04/97	SWR		ADDED J52, J53, & J54. PER ECO #960572.
4	02/28/96	SWR		CHANGES PER ECO'S #E950122 & #E950049.
3	04/07/95	SWR		CHANGED F6 FROM:23-310-01 TO:23-310-02 PER ECO #950004A.
②	02/03/95	JCJ		CHG'D OC1-5 FROM 66-101-01 TO 66-102-01 PER ECO# E0545
1	10/31/94 01/05/95	JCJ SWR		CHG'D R41, R104, R104, & OC1-OC5 PER PCO's #E0417 & #E0499.

SIGNATURES:	DATE:
DRAWN: REM	04/25/94
CHK'D:	
APP'D:	
ORIGINAL ISSUED:	04/25/94
PLOT DATE:	09/18/98
PLOT TIME:	14:02:32
FILE NAME:	29501H9_

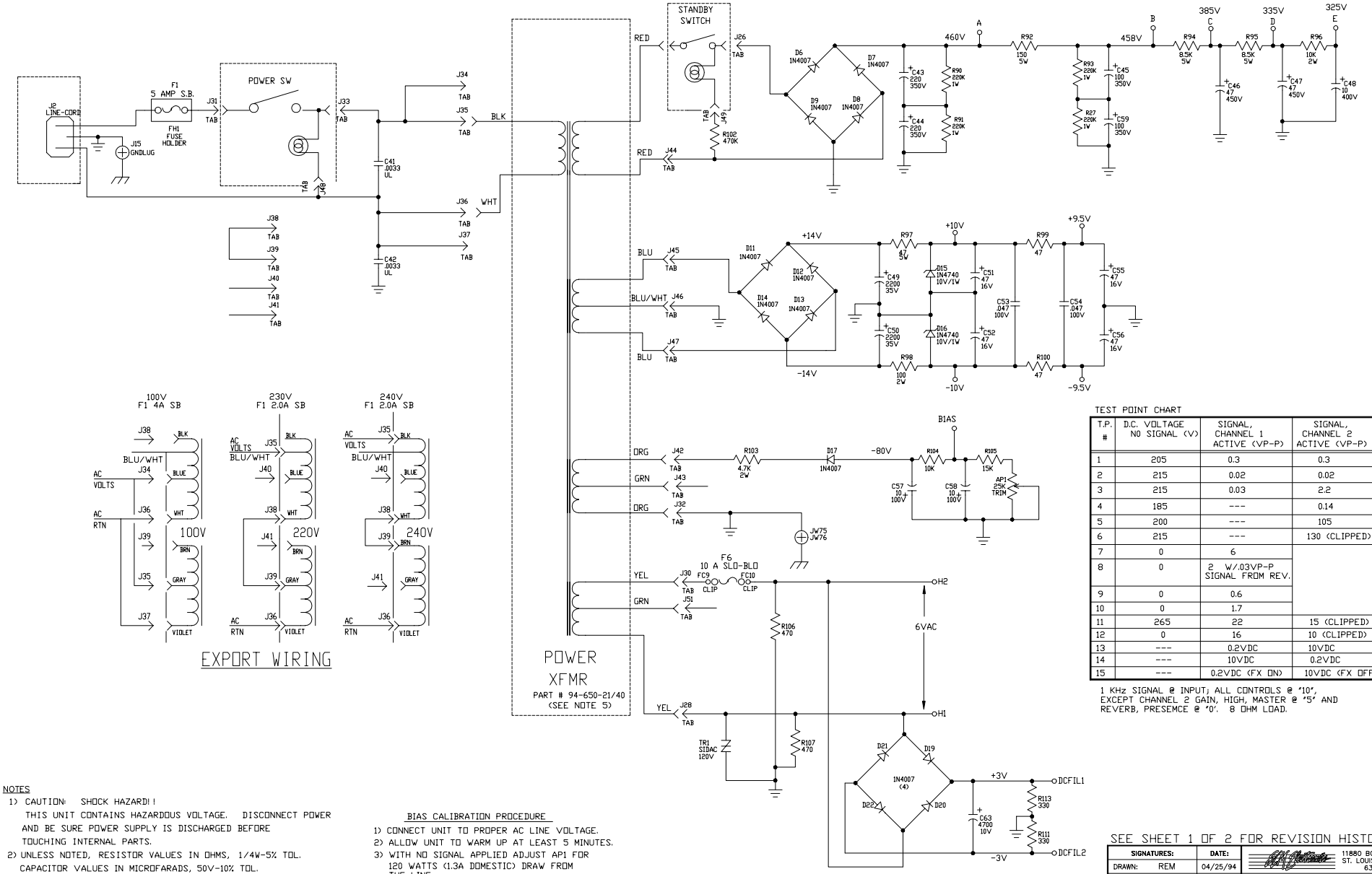
11880 BORMAN DR.
ST. LOUIS, MISSOURI
63146

PROJECT NAME: BV-120H

DRAWING NAME: MAIN BD. SCHEMATIC

DRAWING NO. 07S295-01 REV. 9_

SCALE: NTS SHEET: 1 OF 2



EXPORT WIRING

POWER XFMR
PART # 94-650-21/40
(SEE NOTE 5)

TEST POINT CHART

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)

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

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 ⏚ DIRTY GROUND ⏚ SIGNAL GROUND ⏚
5) EARLY PRODUCTION HAD 94-650-21 TRANSFORMERS AND DID NOT HAVE A BLU/WHT LEAD. WHEN USING THE 94-650-21 TRANSFORMER FOR 230V, BLACK TRANSFORMER LEAD TO J35.

BIAS CALIBRATION PROCEDURE

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.

SEE SHEET 1 OF 2 FOR REVISION HISTORY

SIGNATURES:	DATE:
DRAWN: REM	04/25/94
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11880 BORMAN DR.
ST. LOUIS, MISSOURI
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PROJECT NAME: BV-120H

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DRAWING NO. 07S295-01 REV. 9Z

SCALE: NTS SHEET: 2 OF 2