

REFDES	-01 ASSY	-02 ASSY
R76	100K	47K
R78	470	1.5K

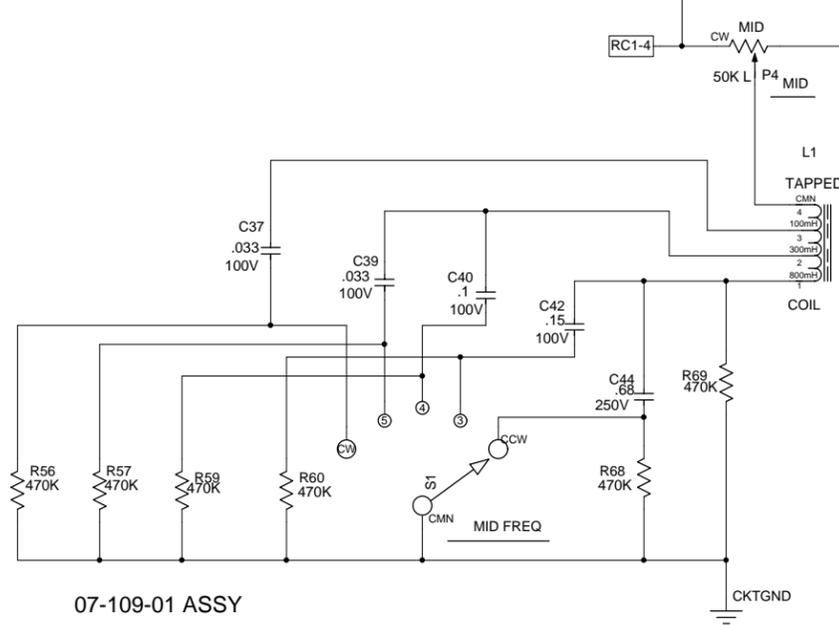
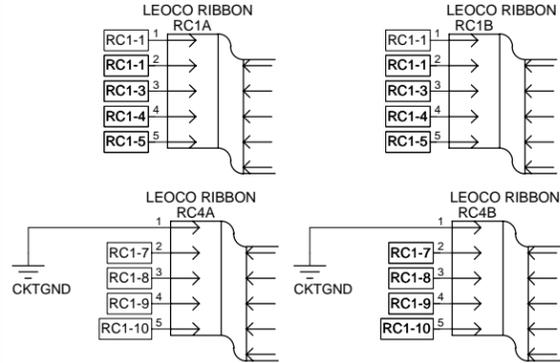
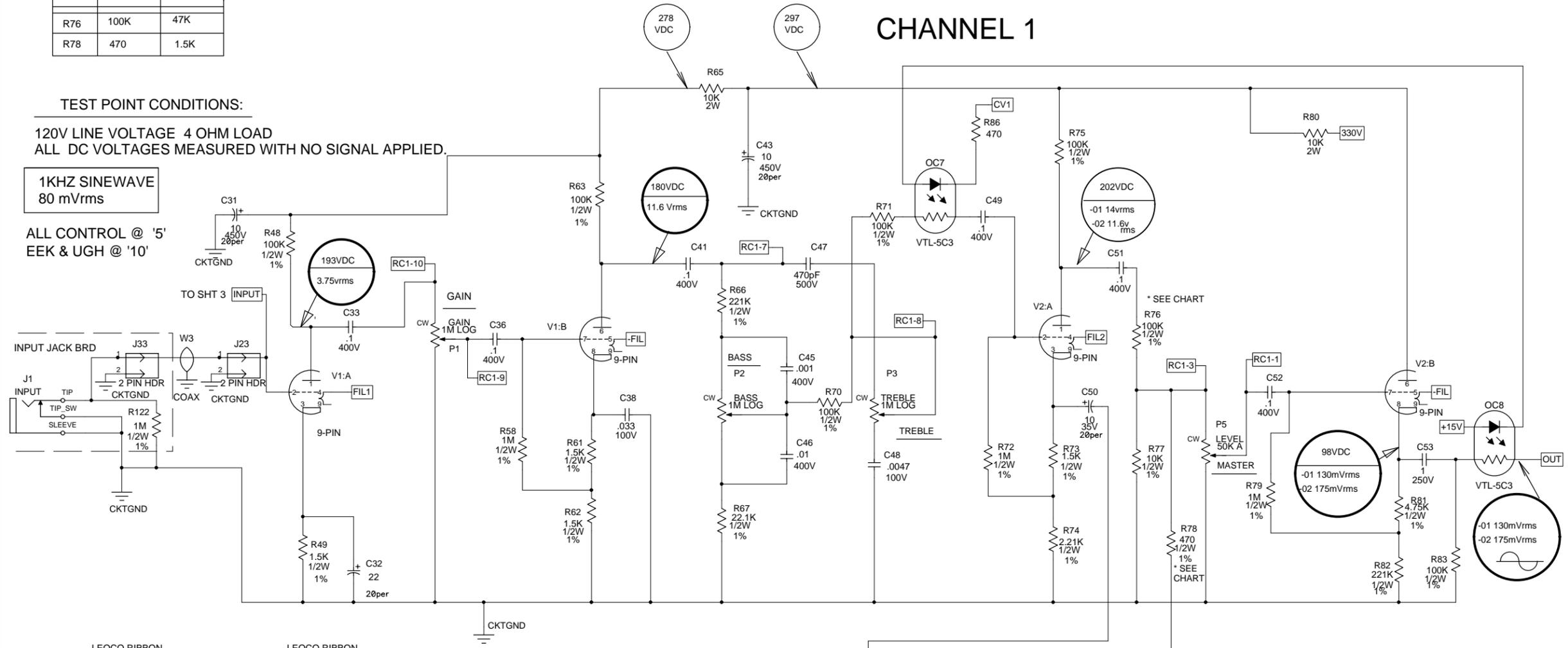
CHANNEL 1

TEST POINT CONDITIONS:

120V LINE VOLTAGE 4 OHM LOAD
ALL DC VOLTAGES MEASURED WITH NO SIGNAL APPLIED.

1KHZ SINEWAVE
80 mVrms

ALL CONTROL @ '5'
EKK & UGH @ '10'



REV	Date	DESCRIPTION	Ecr(s)/Ecn(s)	Chgd By	Appvd by	Date
4	04/21/04	VALUE CHGS		N01454	WFB	
3	8/21/03	CHG'D CABLE PREPS 97- TO 99- CHGS PER ECN		N01236	REM	
2	3/03/03	ADDED -02 ASSY CONFIGURATION		N01178	REM	
1	9/13/02	ADDED W1 THRU W11. ALSO ADDED W1 - W11 TO CHART TO BE HOOKED UP AS SHOWN & UPDATED HOOKUP CHART.		N00971		
0	5/29/02	CONTROL ISSUE				

REV	Date	DESCRIPTION	Ecr(s)/Ecn(s)	Chgd By	Appvd by	Date

THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.

Signatures:		Date:
Drawn: OBEID	5/24/01	
Checked: -	-	First Used On:
Released: -	-	

Drawing Title: **SCHEMO-300W LEAD AMP**

Drawing Number: **07S109-XX**

Tolerance: **C**

Drawing Size: **C**

Drawing Type: **Schematic**

Class Code: **NONE**

Sheet 1 of 4

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.

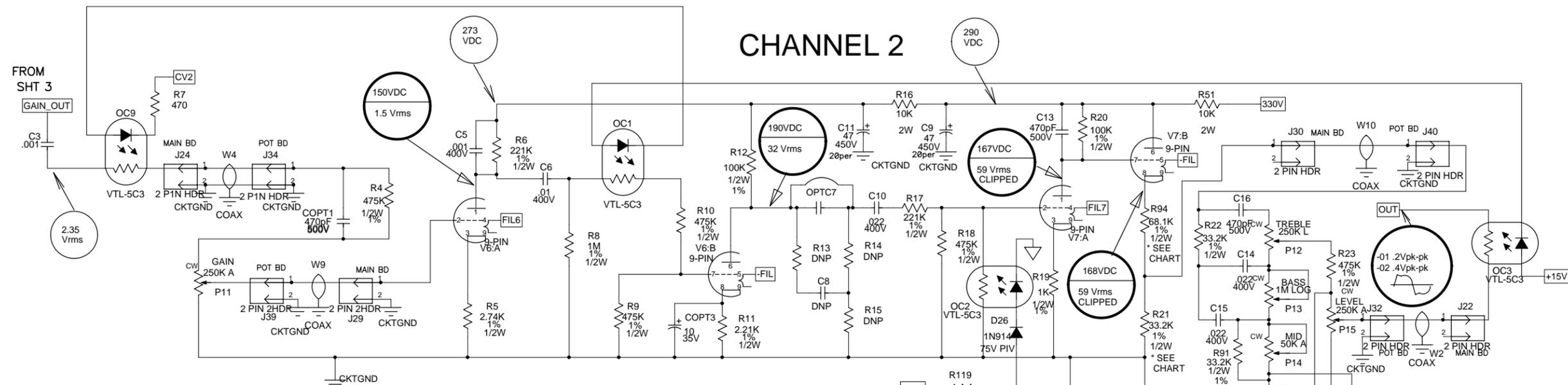
NOTES:
1) CAUTION: SHOCK HAZARD!! THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE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

07-109-01 ASSY
07-109-02 ASSY

11880 Borman Drive, St. Louis, MO 63146

BV300H

07S109-XX

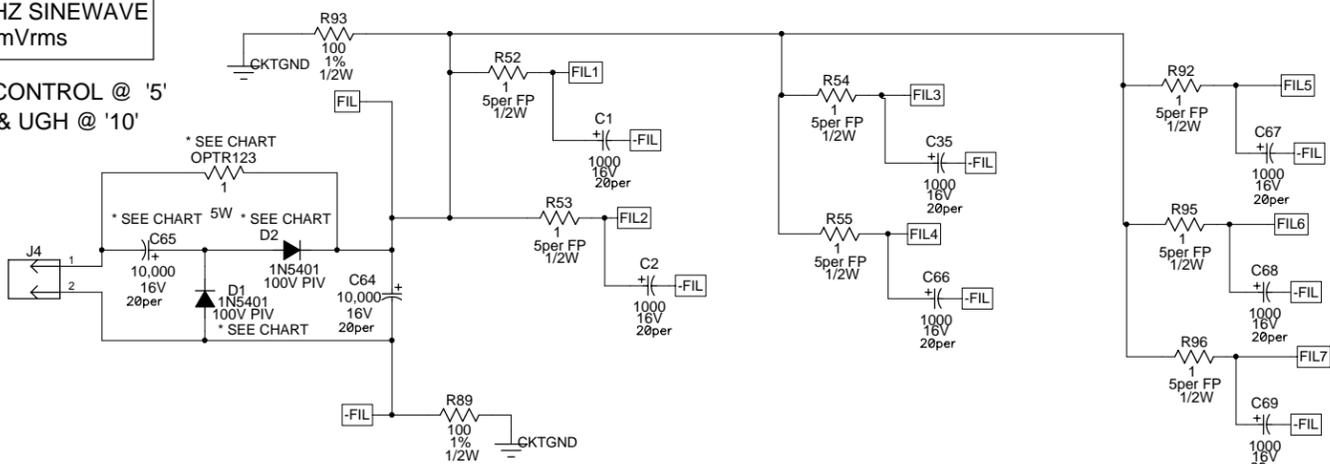


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80 mVrms

ALL CONTROL @ '5'
EEK & UGH @ '10'



REFDES	-01 ASSY	-02 ASSY
R94	68.1K	JUMPER
R21	33.2K	100K
D1	IN5401	NOT USED
D2	IN5401	NOT USED
C65	10000uF	NOT USED
OPTR123	NOT USED	1 OHM 5W

CABLE HOOKUP CHART

WIRE #	2 PIN HDR ON MAIN BD	2 PIN HDR ON POT BD	P/N	DESCRIPTION
W1	J21	J31	99-206-40	6" SHIELDED CABLE PREP
W2	J22	J32	99-206-40	6" SHIELDED CABLE PREP
W3	J23	J33	99-206-45	9" SHIELDED CABLE PREP
W4	J24	J34	99-206-40	6" SHIELDED CABLE PREP
W5	J25	J35	99-206-45	9" SHIELDED CABLE PREP
W6	J26	J36	99-206-45	9" SHIELDED CABLE PREP
W7	J27	J37	99-206-40	6" SHIELDED CABLE PREP
W8	J28	J38	99-206-40	6" SHIELDED CABLE PREP
W9	J29	J39	99-206-55	11" SHIELDED CABLE PREP
W10	J30	J40	99-206-55	11" SHIELDED CABLE PREP
W11	J5 (5 PIN)	J8 (5 PIN)	97-010-03	5 PIN 11" HARNESS

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- NOTES:**
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1	9/13/02	ADDED W1 THRU W11 - ALSO ADDED W1 - W11 TO CHART TO BE HOOKED UP AS SHOWN IN UPDATED HOOKUP CHART.	N00971	REM		
0	5/29/02	CONTROL ISSUE				
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THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC

Signatures:		Date:	 11880 Borman Drive, St. Louis, MO 63146 BV300H
Drawn:	OBEID	5/24/01	
Checked:	-	-	
Released:	-	-	
Tolerance:	Drawing Size: C	Drawing Title:	SCHEMO-300W LEAD AMP
	Drawing Type: Schematic	Drawing Number:	
	Class Code: NONE		
	Sheet 2 of 4		07S109-XX

NOTE: TEST POINT CONDITIONS:

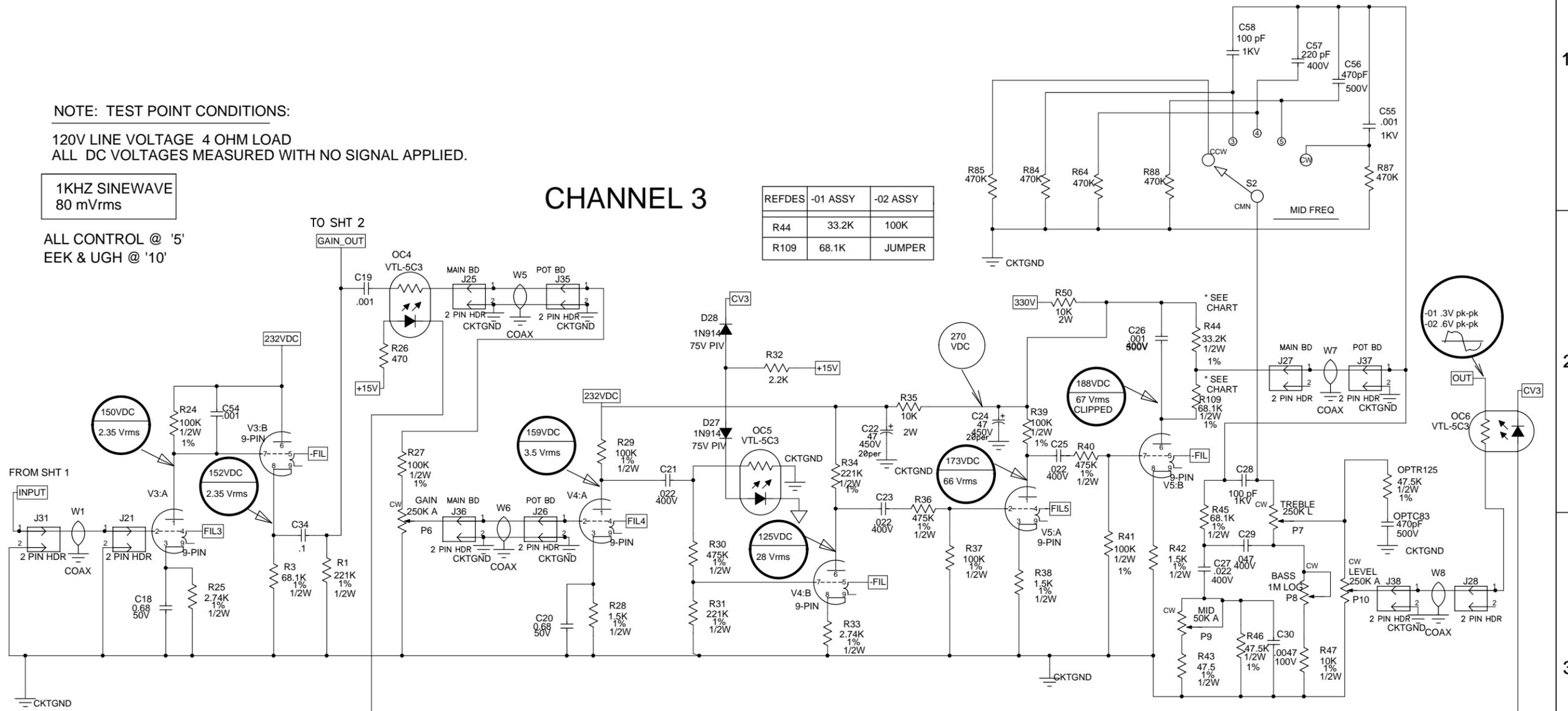
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CHANNEL 3

REFDES	-01 ASSY	-02 ASSY
R44	33.2K	100K
R109	68.1K	JUMPER

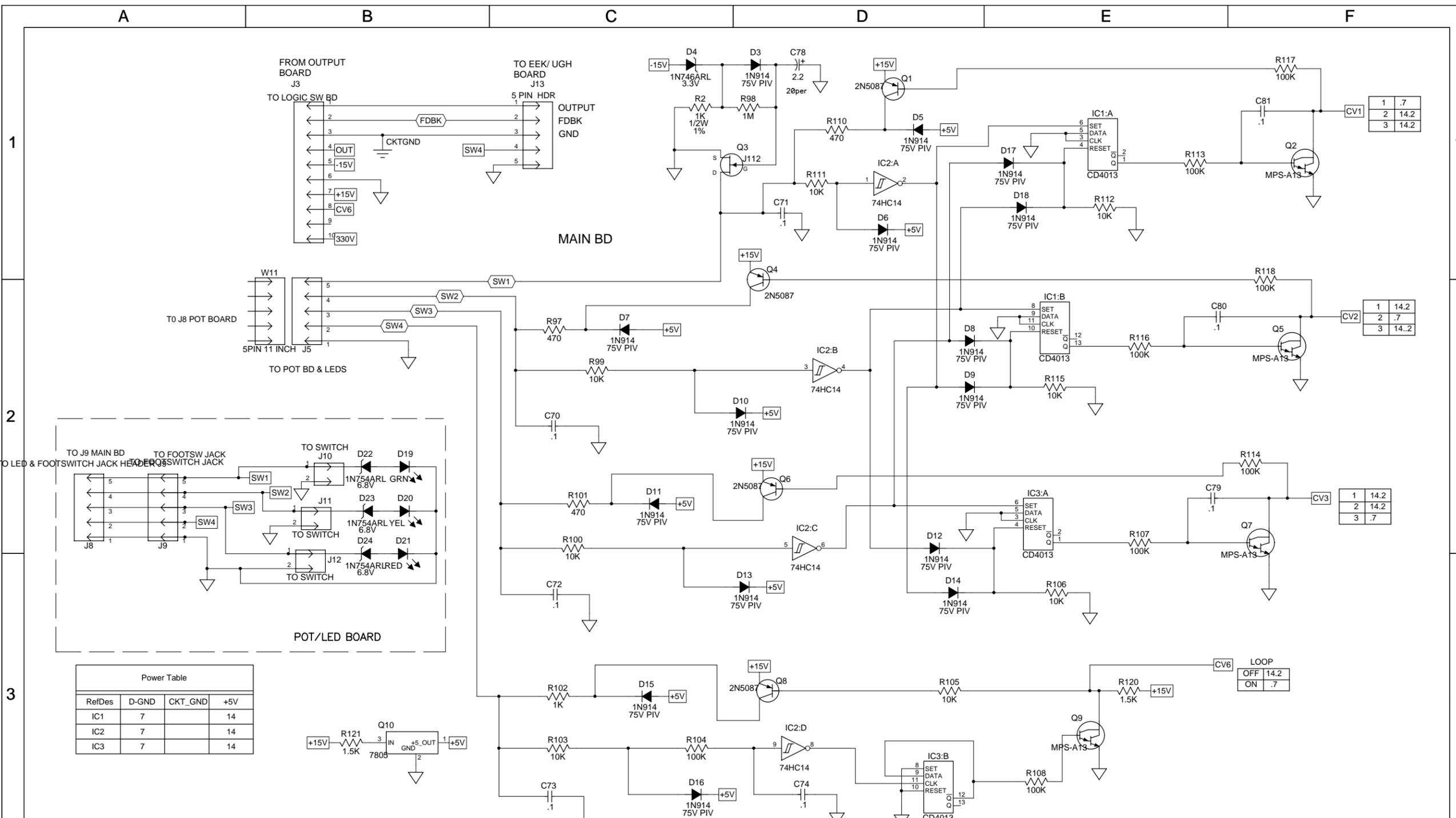


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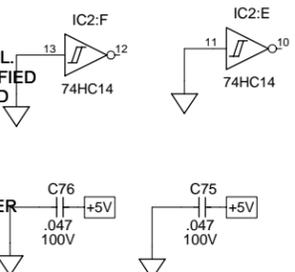
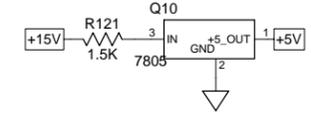
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Signatures:			Date:		 11880 Borman Drive, St. Louis, MO 63146 First Used On: BV300H Drawing Title: SCHEMO-300W LEAD AMP Drawing Number: 07S109-XX	
Drawn: OBEID		5/24/01				
Checked: -		-				
Released: -		-				
Plot Date: Wed Apr 21, 2004		Drawing Size: C		Tolerance:		
Plot Time: 10:51:20		Drawing Type: Schematic		Class Code: NONE		
Sheet 3 of 4						



Power Table			
RefDes	D-GND	CKT_GND	+5V
IC1	7		14
IC2	7		14
IC3	7		14



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Plot Date: Wed Apr 21, 2004
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Tolerance: _____

11880 Borman Drive, St. Louis, MO 63146
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Drawing Title: **SCHEMO-300W LEAD AMP**
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Sheet 4 of 4