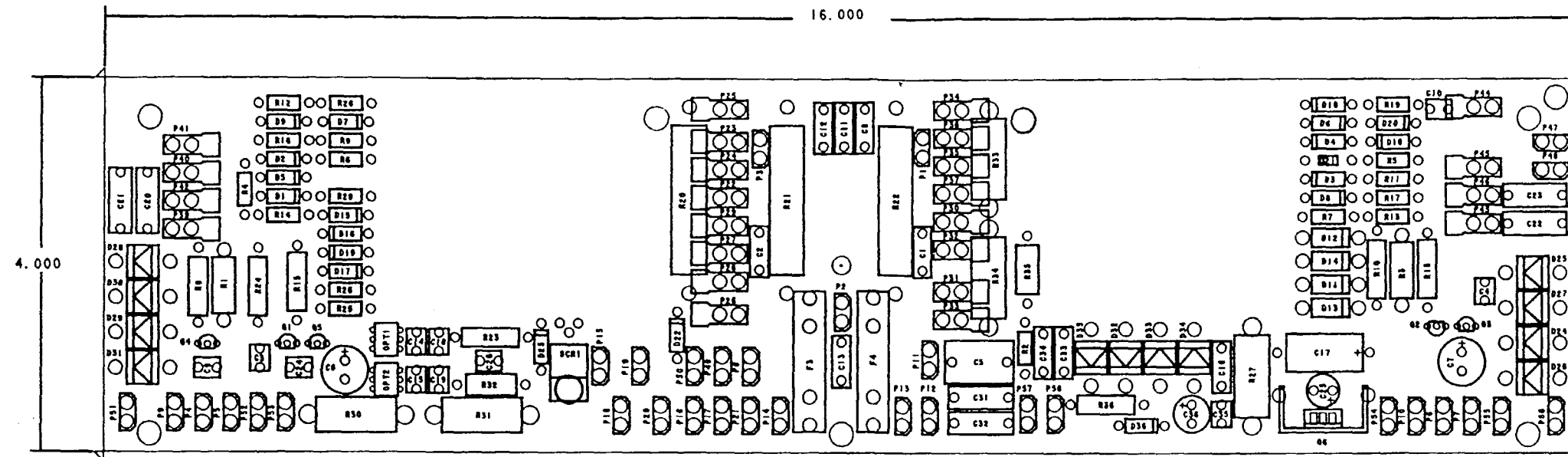


TOLERANCES UNLESS SPECIFIED		MADRIGAL audio laboratories, inc.	
PRECISION ±.1%		801 south main street madrigal madison wisconsin 53703 u.s.a.	
DATE	REV	ISSUED IN	SHEET OF
11-20-66	1	No-29	A B C D E
DATE	SCALE:	NAME	NO.
11-20-66		AC-6	940009



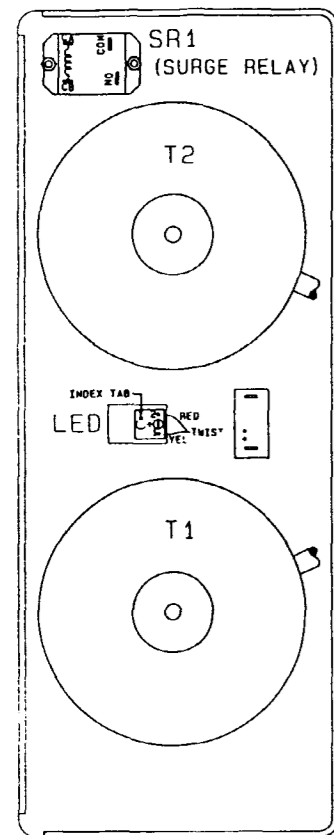
VB_6

NOTE:

- 1 ALL RESISTORS ARE RN60, .25W MIL, 1%, B ARE IN OHMS OR IN CODE UNLESS INDICATED OTHERWISE.
- 2 ALL CAPACITORS ARE IN MICROFARADS OR IN CODE UNLESS INDICATED OTHERWISE.
- 3 $K=10^{-3}$, $M=10^{-6}$
- 4 $m=10^{-3}$, $u=10^{-6}$, $n=10^{-9}$, $p=10^{-12}$
- 5 ALL STANDING COMPONENTS ARE TO BE INSTALLED WITH MOUNTING PADS.

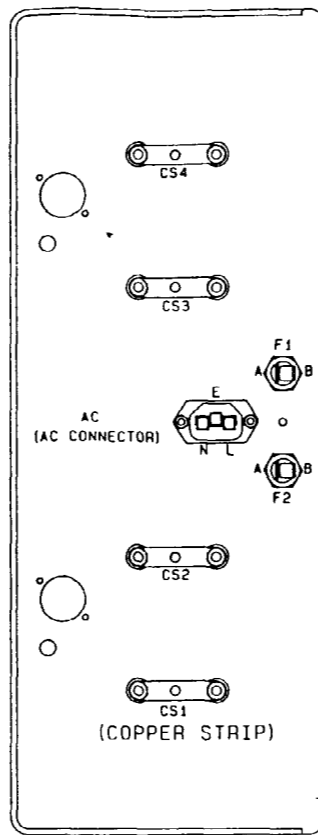
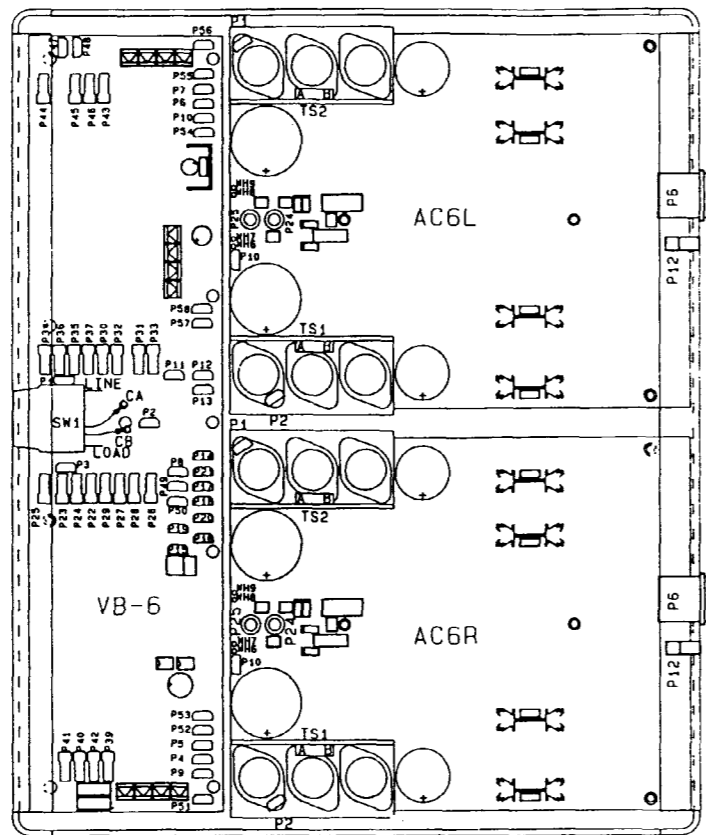
Date: _____
 By: _____
 Checked: _____
 Approved: _____
 Date: _____
 By: _____
 Checked: _____
 Approved: _____

				MADRIGAL audio_laboratories, inc. 2081 south main street Middletown connecticut 06457 u.s.a.			
TOLERANCES UNLESS SPECIFIED FRACTION $\pm .010$ DECIMAL $\pm .005$ ANGLE $\pm 1/2^\circ$				MATERIAL		SHEET OF SIZE A B C D E R	
DR. BY DATE A. L. M. 8-31-89 CH. BY DATE				USED IN NO. 29		NO.	
ISSUE	REVISION	DATE	SCALE	NAME VB_6			



LEAD BREAKOUT

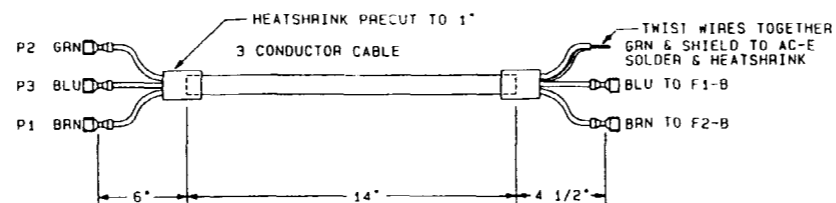
LEAD BREAKOUT



VOLTAGE SELECTION		
AC MAINS	JUMP	F1, F2
100V	C-E, B-D	10A
120V	C-F, A-D	
200V	B-E, G-H	6.5A
220V	A-E, G-H	
240V	A-F, G-H	

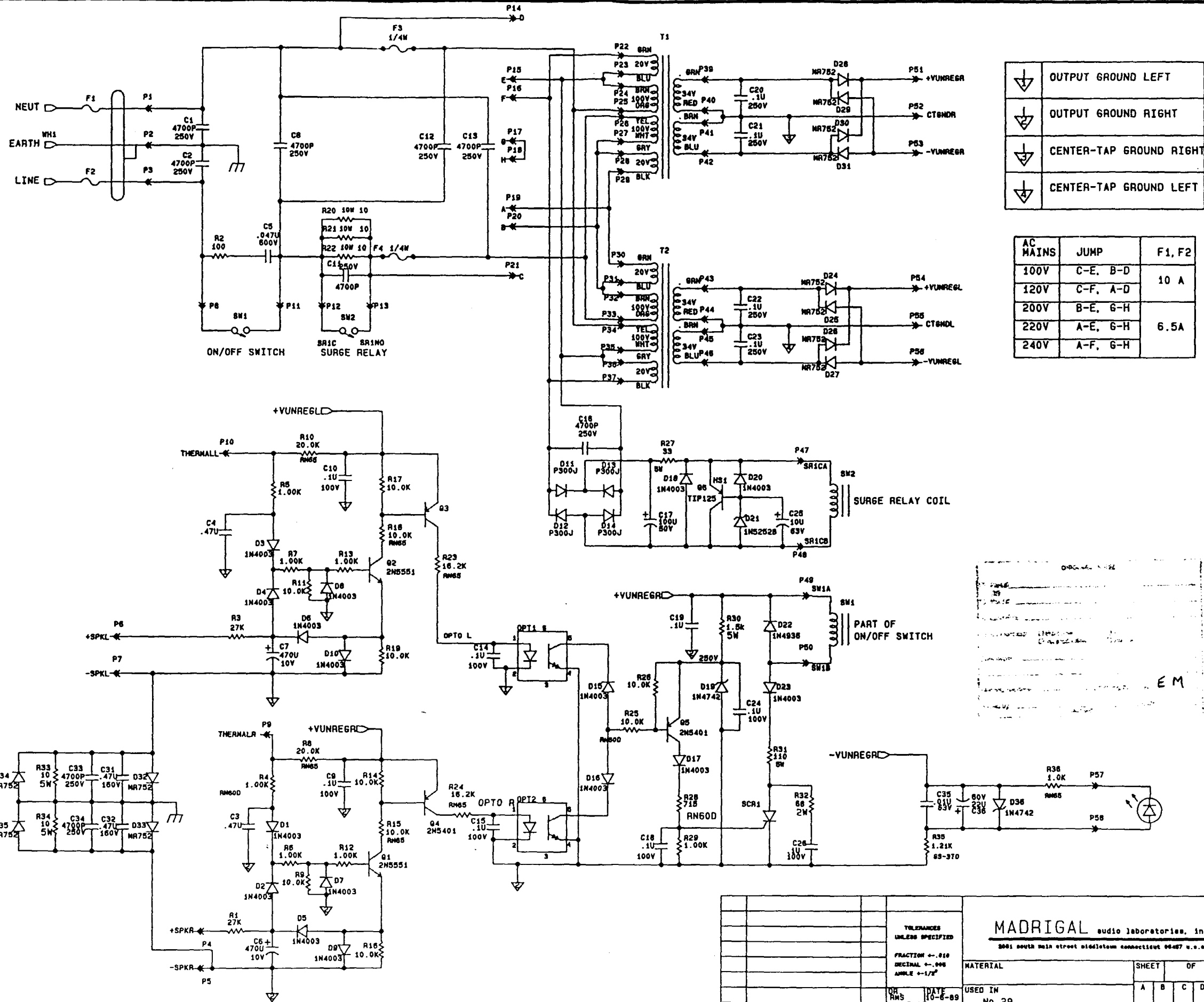
STEP	FROM	TO	COLOR	LENGTH	GAUGE	TERM
1	PRIM-ARIES	VB6-P22	GRN	7"		F
		VB6-P23	BLU	7"		F
		VB6-P24	BRN	7"		F
		VB6-P25	OR	7"		F
		VB6-P26	YEL	7"		F
		VB6-P27	WHT	7"		F
	SECOND-ARIES	VB6-P28	GRY	7"		F
		VB6-P29	BLK	7"		F
		VB6-P39	GRN	7"		F
		VB6-P40	RED	7"		F
		VB6-P41	BRN	7"		F
		VB6-P42	BLU	7"		F
2	PRIM-ARIES	VB6-P30	GRN	7"		F
		VB6-P31	BLU	7"		F
		VB6-P32	BRN	7"		F
		VB6-P33	OR	7"		F
		VB6-P34	YEL	7"		F
		VB6-P35	WHT	7"		F
	SECOND-ARIES	VB6-P36	GRY	7"		F
		VB6-P37	BLK	7"		F
		VB6-P43	GRN	7"		F
		VB6-P44	RED	7"		F
		VB6-P45	BRN	7"		F
		VB6-P46	BLU	7"		F
3	SW1-LINE	VB6-P8	BLK	3"	14	F/F
	SW1-2	VB6-P11	RED	3"	14	F/F
	SW1-CA	VB6-P49	WHT	4"	22	F
	SW1-CB	VB6-P50	WHT	4"	22	F
4	SR1-CA	VB6-P47	BLK	5"	22	F/F
	SR1-CB	VB6-P48	BLK	5"	22	F/F
	SR1-COM	VB6-P12	BLK/WH	11 1/2"	14	RF/F
	SR1-N/O	VB6-P13	BLK	11 1/2"	14	RF/F
5	AC-L	F2-A	BLK	4"	14	HS/F
	AC-N	F1-A	WHT	4"	14	HS/F
	AC CABLE	SEE	DETAIL A			
6	AC6L					
	TS1-A	AC6L-WH6	GRN	5"	22	SHS/F
	AC6L					
	TS1-B	AC6L-WH7	GRN	5"	22	SHS/F
	AC6R					
	TS2-A	AC6R-WH8	GRN	5"	22	SHS/F
AC6R						
TS2-B	AC6R-WH9	GRN	5"	22	SHS/F	

STEP	FROM	TO	COLOR	LENGTH	GAUGE	TERM
7	VB6-P51	AC6R-P2	RED	3"	14	F/F
	VB6-P9	AC6R-P10	BLU	5"	14	F/F
	VB6-P4	AC6R-P24	YEL	6.5"	14	F/RT
	VB6-P5	AC6R-P25	GRY	5"	14	F/RT
	VB6-P52	AC6R-P25	GRN	5"	14	F/RT
	VB6-P53	AC6R-P1	BLK	8"	14	F/F
	VB6-P56	AC6L-P1	BLK	3"	14	F/F
	VB6-P55	AC6L-P25	GRN	5"	14	F/RT
	VB6-P7	AC6L-P25	GRY	5"	14	F/RT
	VB6-P6	AC6L-P24	YEL	6.5"	14	F/RT
8	VB6-P10	AC6L-P10	BLU	5"	14	F/F
	VB6-P54	AC6L-P2	RED	8"	14	F/F
9	LED-1	VB6-P57	YEL	7"	22	S/F
	LED-2	VB6-P58	RED	7"	22	S/F
	AC6R-P24	CS1		12"	HF10	RT/RT
	AC6R-P25	CS2		12"	HF10	RT/RT
AC6L-P24	CS4		12"	HF10	RT/RT	
AC6L-P25	CS3		12"	HF10	RT/RT	



DETAIL A

TOLERANCES UNLESS SPECIFIED		MADRIGAL audio laboratories, inc.	
FRACTION: .010		2081 South Main Street Middletown Connecticut, 06457	
DECIMAL: .005		MATERIAL	
ANGLE: 1/2°		SHEET OF SIZE	
OR DATE		A B C D E A	
A H. M. DATE		90	
A DIA. UPDATE 2-12 CH DATE		USED IN No-29	
ISSUE REVISION DATE SCALE		NAME NO.	
		WIRING DIAGRAM	



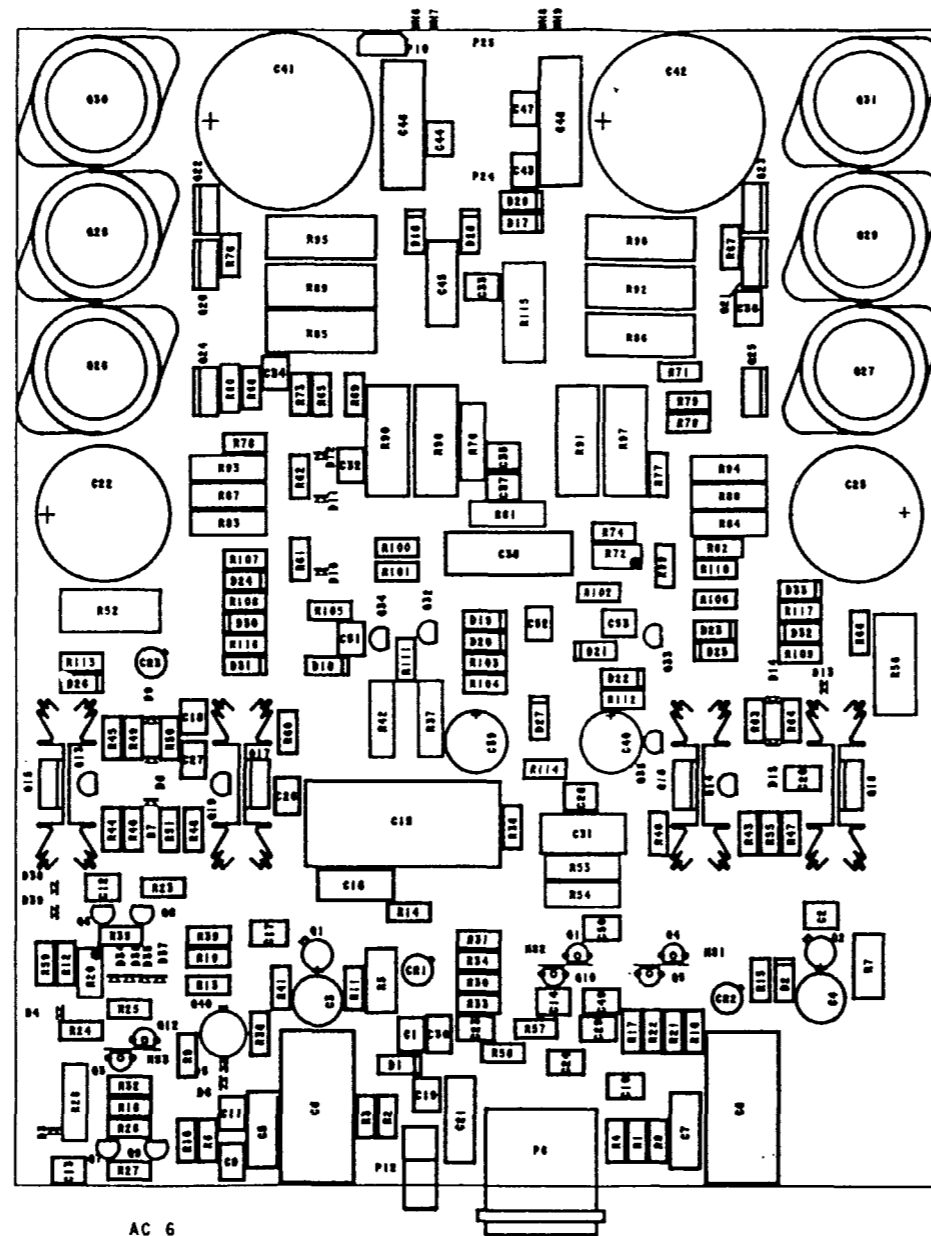
↓	OUTPUT GROUND LEFT
↓	OUTPUT GROUND RIGHT
↓	CENTER-TAP GROUND RIGHT
↓	CENTER-TAP GROUND LEFT

AC MAINS	JUMP	F1, F2
100V	C-E, B-D	10 A
120V	C-F, A-D	
200V	B-E, G-H	6.5A
220V	A-E, G-H	
240V	A-F, G-H	

EM

TOLERANCES UNLESS SPECIFIED		FRACTION ±.010		DECIMAL ±.005		ANGLE ±1/2°	
MATERIAL				SHEET OF SIZE			
USED IN				A B C D E			
No. 29				No. 940010			
NAME				No.			
VB-6							
ISSUE	REVISION	DATE	SCALE:				

MADRIGAL audio laboratories, inc.
3001 south main street middletown connecticut 06487 u.s.a.

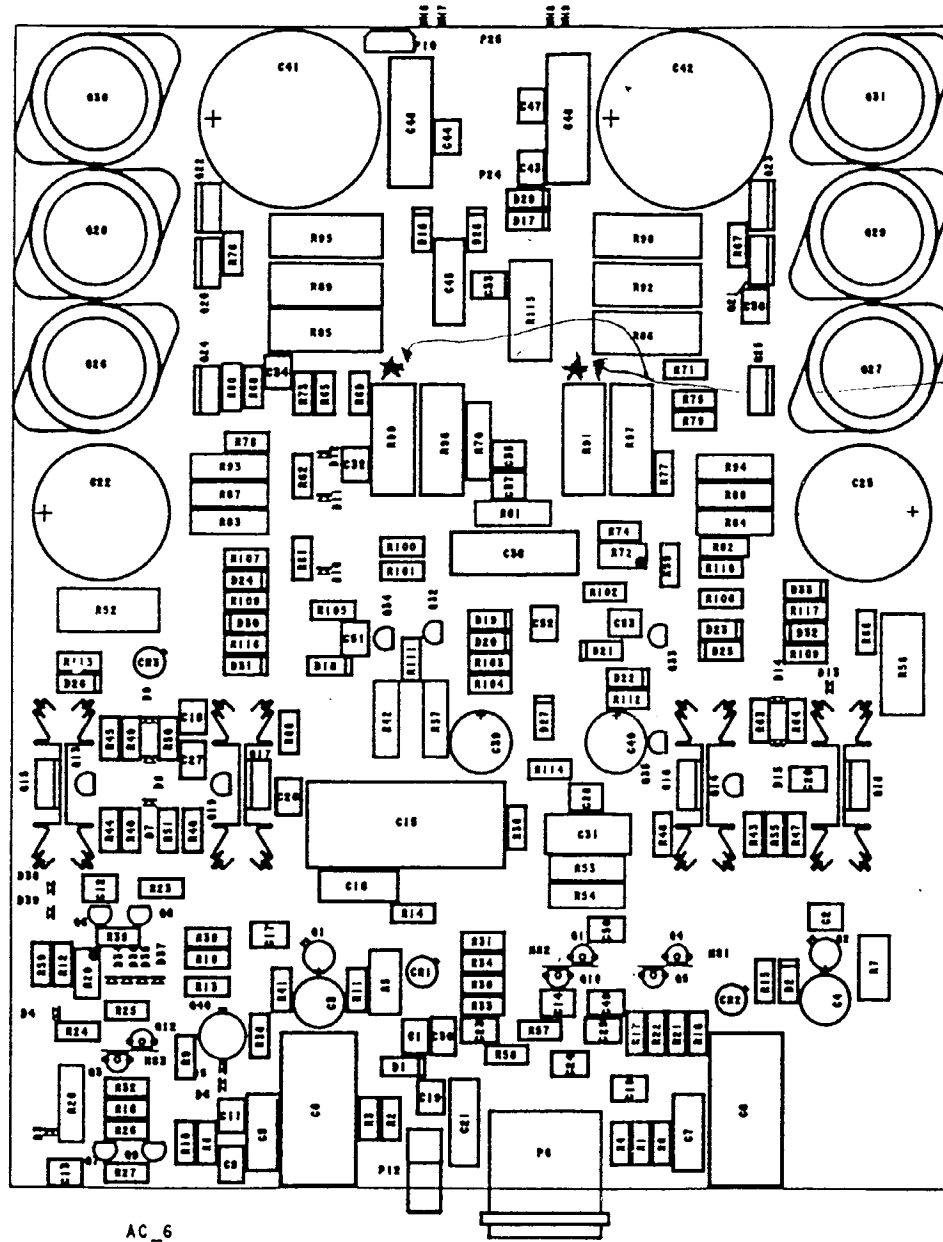


AC_6

940001 Ref PCB-580194

			TOLERANCES UNLESS SPECIFIED			MADRIGAL audio_laboratories, inc.									
			FRACTION $\pm .010$			2081 south main street middletown connecticut 06457 u.s.a.									
			DECIMAL $\pm .005$			MATERIAL			SHEET		OF		SIZE		
			ANGLE $\pm 1/2^\circ$			USED IN			A		B		C		
			DR. BY DATE			No-29			D		E		R		
			CH. BY DATE			NAME			NO.		940001				
			E.M. DATE			AC-6									
ISSUE			REVISION			DATE			SCALE						

AC6 CHECKS/ADJUSTMENTS

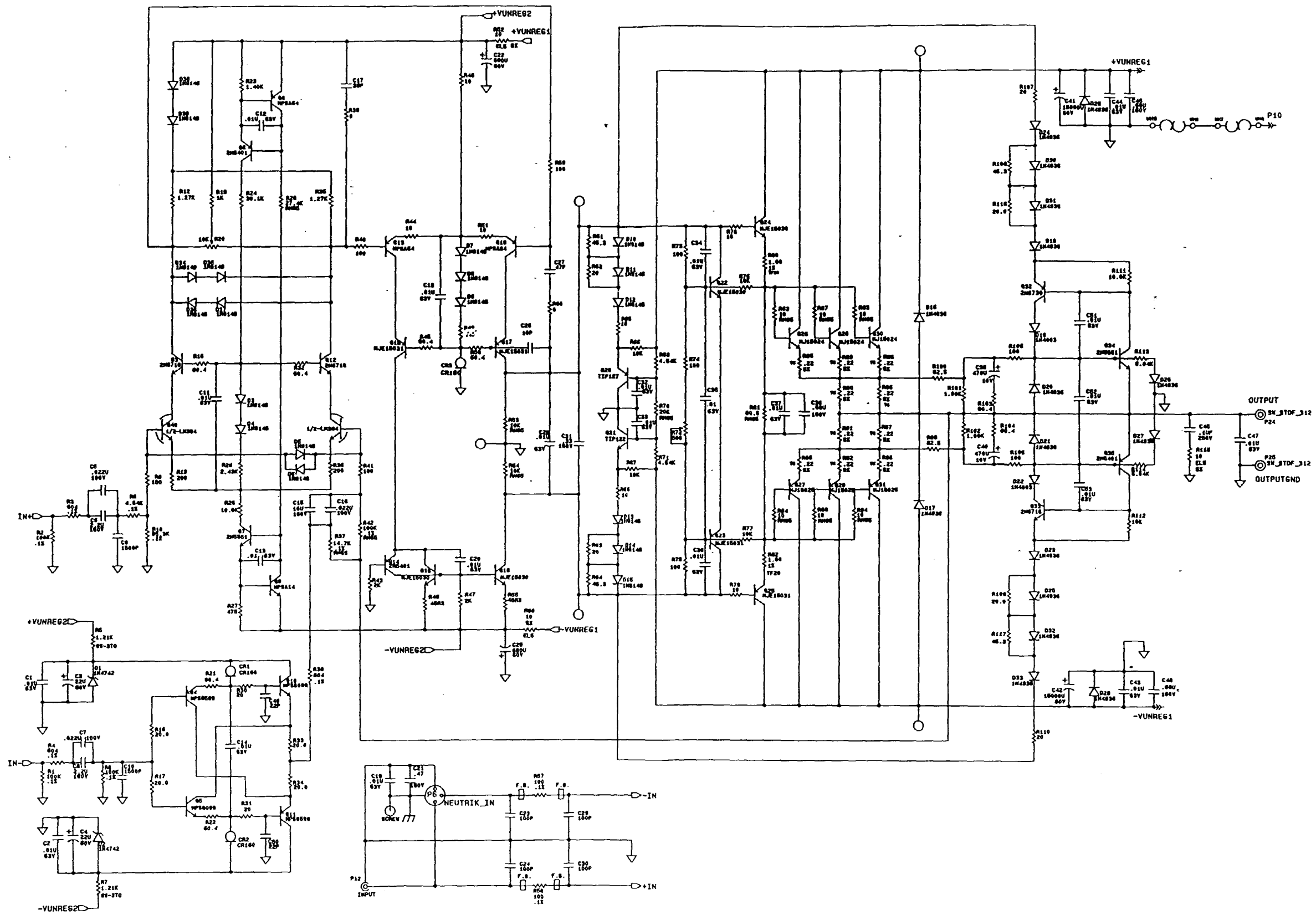


AC_6

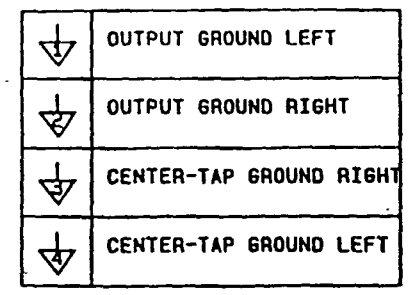
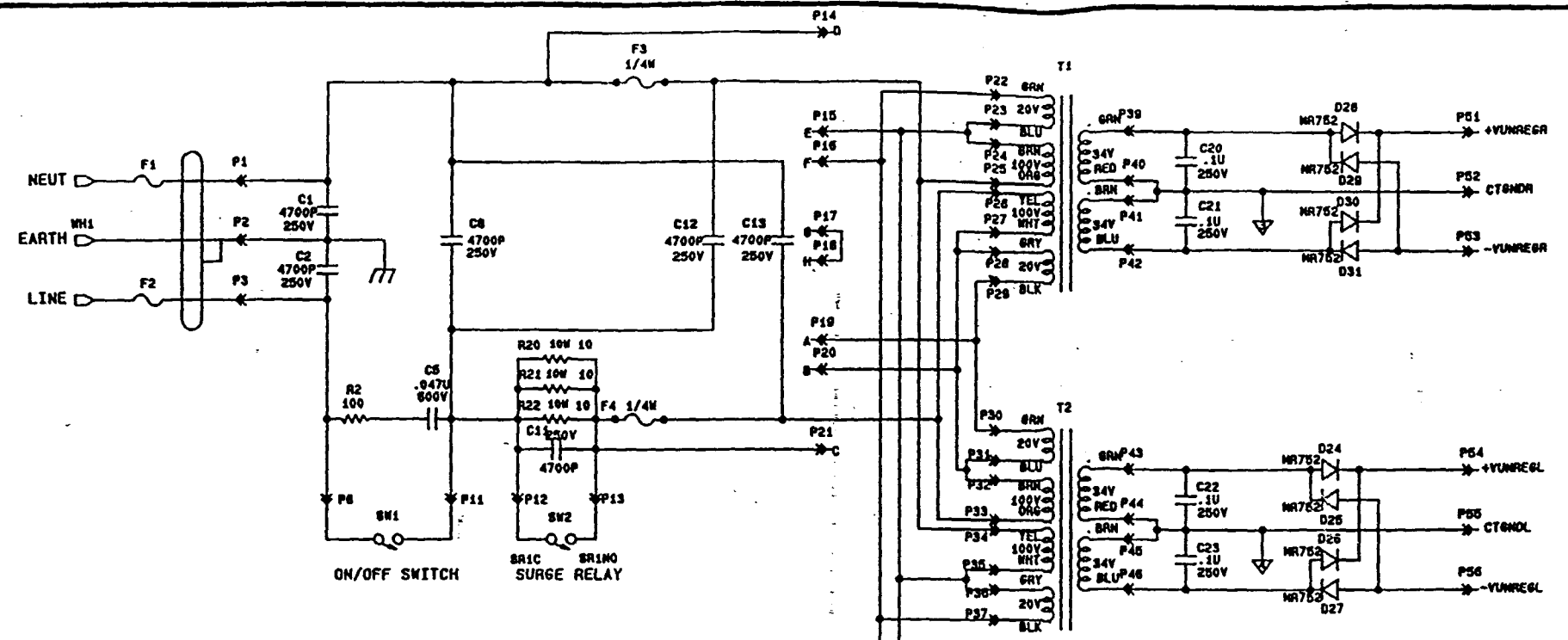
- 1) AFTER BURN/WARMUP
SET BIAS TO +26.4 millivolts ACROSS
EMITTER RESISTOR POINTS R90 AND
R91 AS SHOWN
- 2) CHECK D.C. OFFSET FOR LESS
THAN +80 millivolts AT OUTPUT
BINDING POSTS

940001 Ref PCB-580194

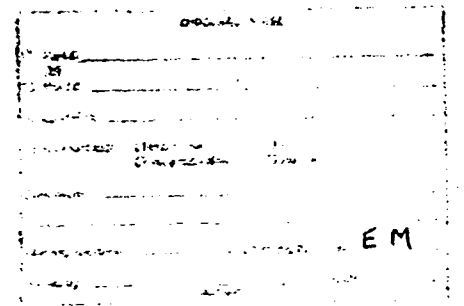
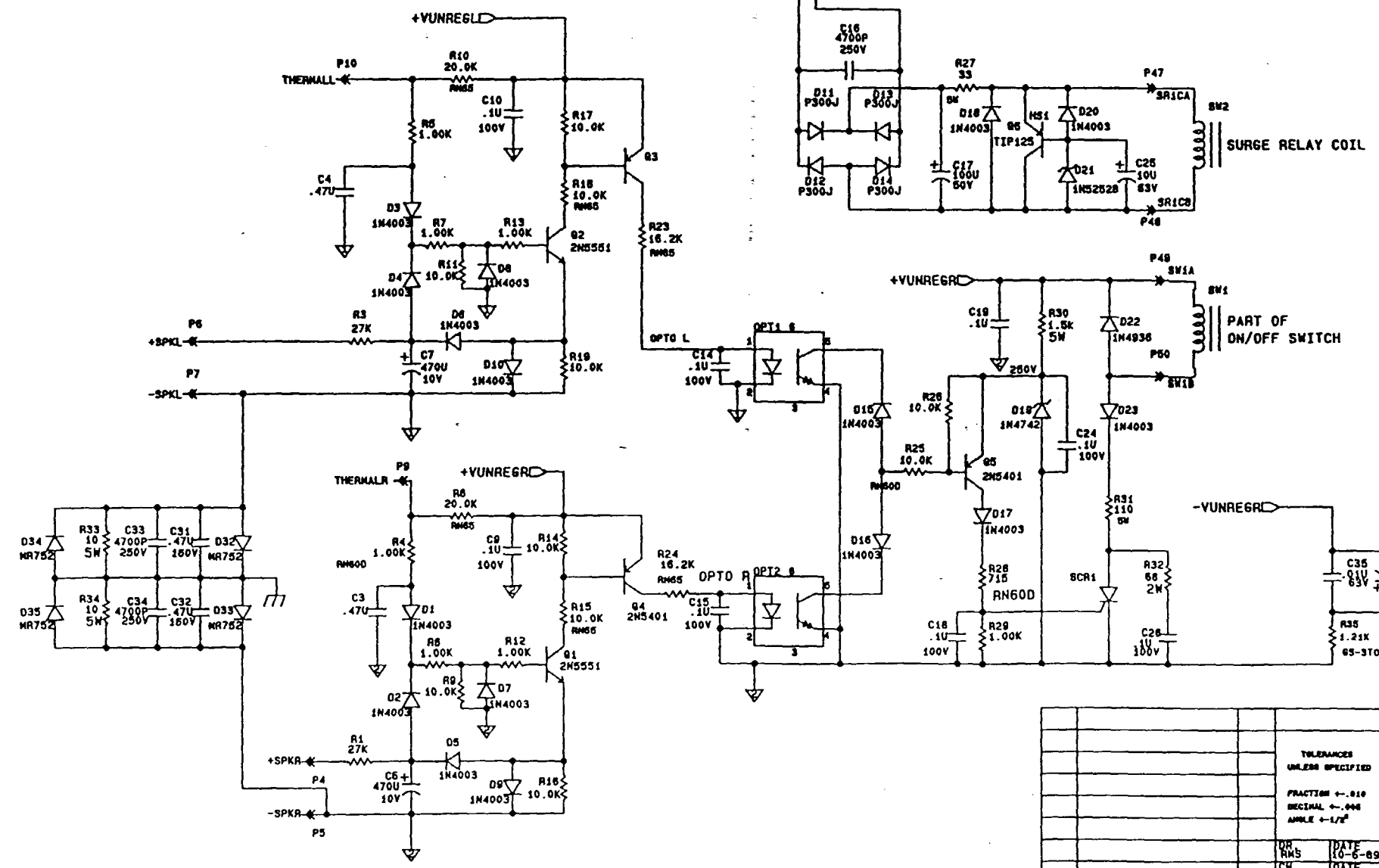
			TOLERANCES UNLESS SPECIFIED		MADRIGAL audio_laboratories, inc.					
			FRACTION ± .010		2001 south main street middletown connecticut 06457 u.s.a.					
			DECIMAL ± .005		MATERIAL		SHEET		OF	
			ANGLE ± 1/2°				A		B C D E R	
			DR. BY DATE		USED IN					
			A.M. 10-5-89		No-29					
			CH. BY DATE		NAME				NO.	
			E.M. 10-03-89		AC-6				940001	
ISSUE	REVISION	DATE	SCALE							



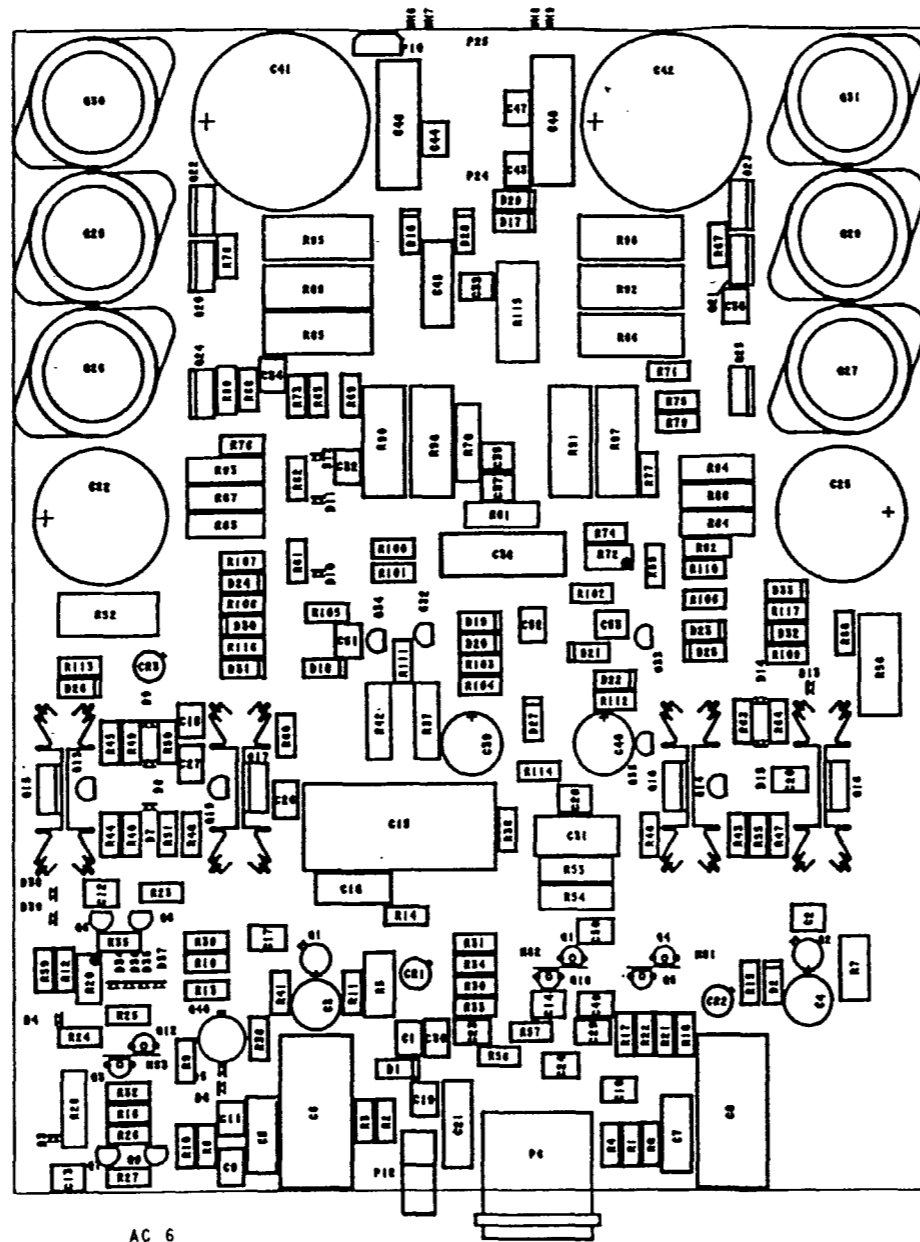
MADRIGAL audio laboratories, inc.		SHEET OF SIZE	
1961 20th St. New York, N.Y. 10011		A B C D E	
DATE	USED IN	NAME	
10-2-68	No-29	AC-6	
ISSUE	REVISION	DATE	SCALE
MATERIAL		940009	



AC MAINS	JUMP	F1, F2
100V	C-E, B-D	10 A
120V	C-F, A-D	
200V	B-E, G-H	6.5A
220V	A-E, G-H	
240V	A-F, G-H	



TOLERANCES UNLESS SPECIFIED		MADRIGAL audio laboratories, inc.		SHEET		OF		SIZE	
FRACTION ±.010		3041 north main street siddeford connecticut 06487 u.s.a.		A		B		C	
DECIMAL ±.004		USED IN No. 29		C		D		E	
ANGLE ±1/2°		DATE 10-6-89		No.		940010			
OR RMS		DATE 8-00-00		NAME		VB-6			
ISSUE	REVISION	DATE	SCALE:						

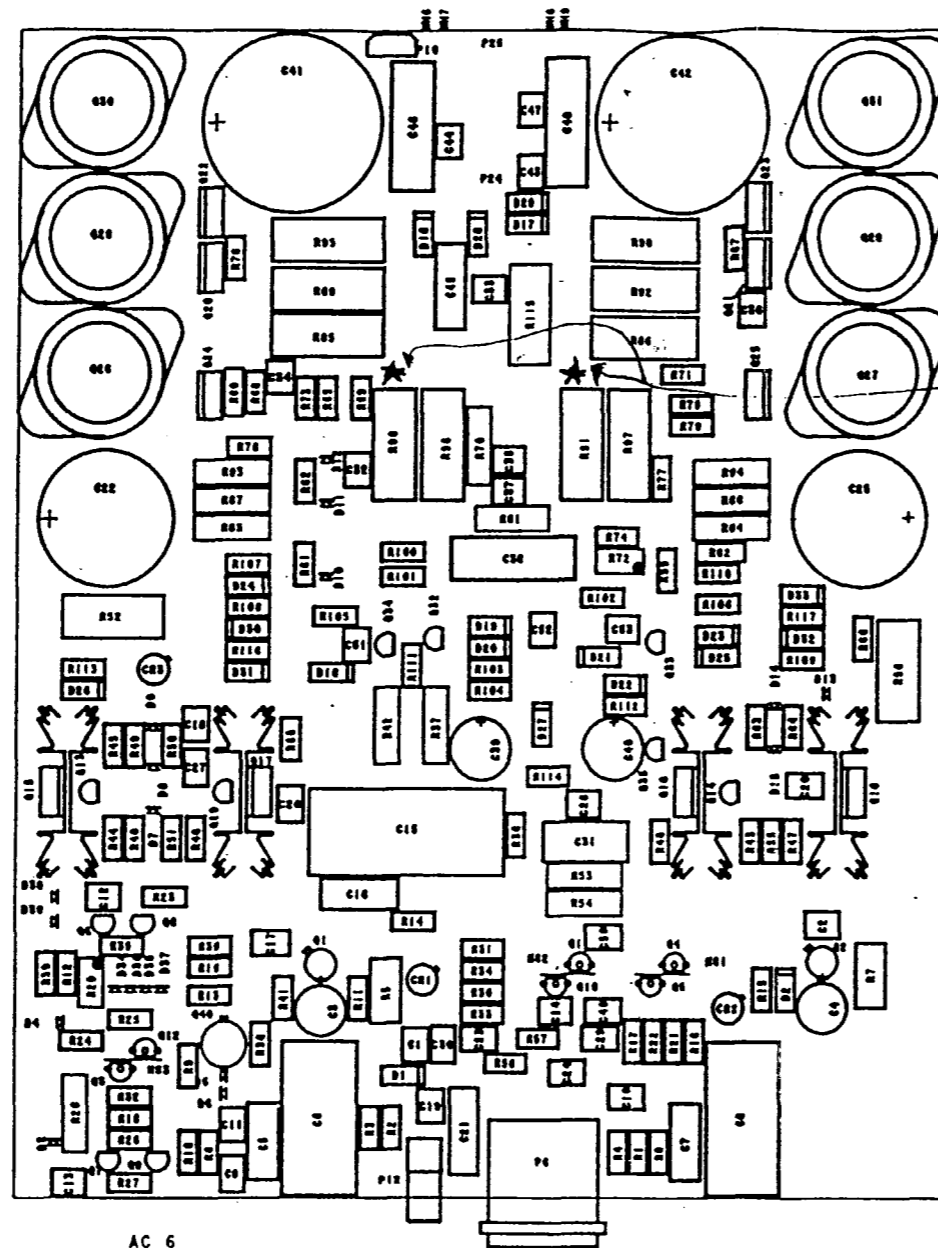


AC_6

940001 Ref PCB-580194

			TOLERANCES UNLESS SPECIFIED			MADRIGAL audio_laboratories, inc.		
			FRACTION \pm .010			2081 south main street middletown connecticut 06457 u.s.a.		
			DECIMAL \pm .005			MATERIAL		
			ANGLE \pm 1/2°			SHEET OF SIZE		
			DR. BY DATE			USED IN		
			A.M. 10-5-89			No-29		
			CH. BY DATE			NO.		
			E.M. 10-03-89			940001		
ISSUE	REVISION	DATE	SCALE			NAME		
						AC-6		

AC6 CHECKS/ADJUSTMENTS



- 1) AFTER BURN/WARMUP
SET BIAS TO +26.4mV ACROSS
EMITTER RESISTOR POINTS R90 AND
R91 AS SHOWN
- 2) CHECK D.C. OFFSET FOR LESS
THAN +80mV AT OUTPUT
BINNIN & POSTS

AC_6

940001 Ref PCB-580194

		TOLERANCES UNLESS SPECIFIED		MADRIGAL audio_laboratories, inc.			
		FRACTION ± .010		2081 south main street middletown connecticut 06457 u.s.a.			
		DECIMAL ± .005		MATERIAL		SHEET OF SIZE	
		ANGLE ± 1/2°				A B C D E R	
		DR. BY DATE		USED IN		NO.	
		A. M. 10-8-88		No-29		940001	
		CH. BY DATE		NAME			
		E. M. 10-03-88		AC-6			
ISSUE	REVISION	DATE	SCALE				