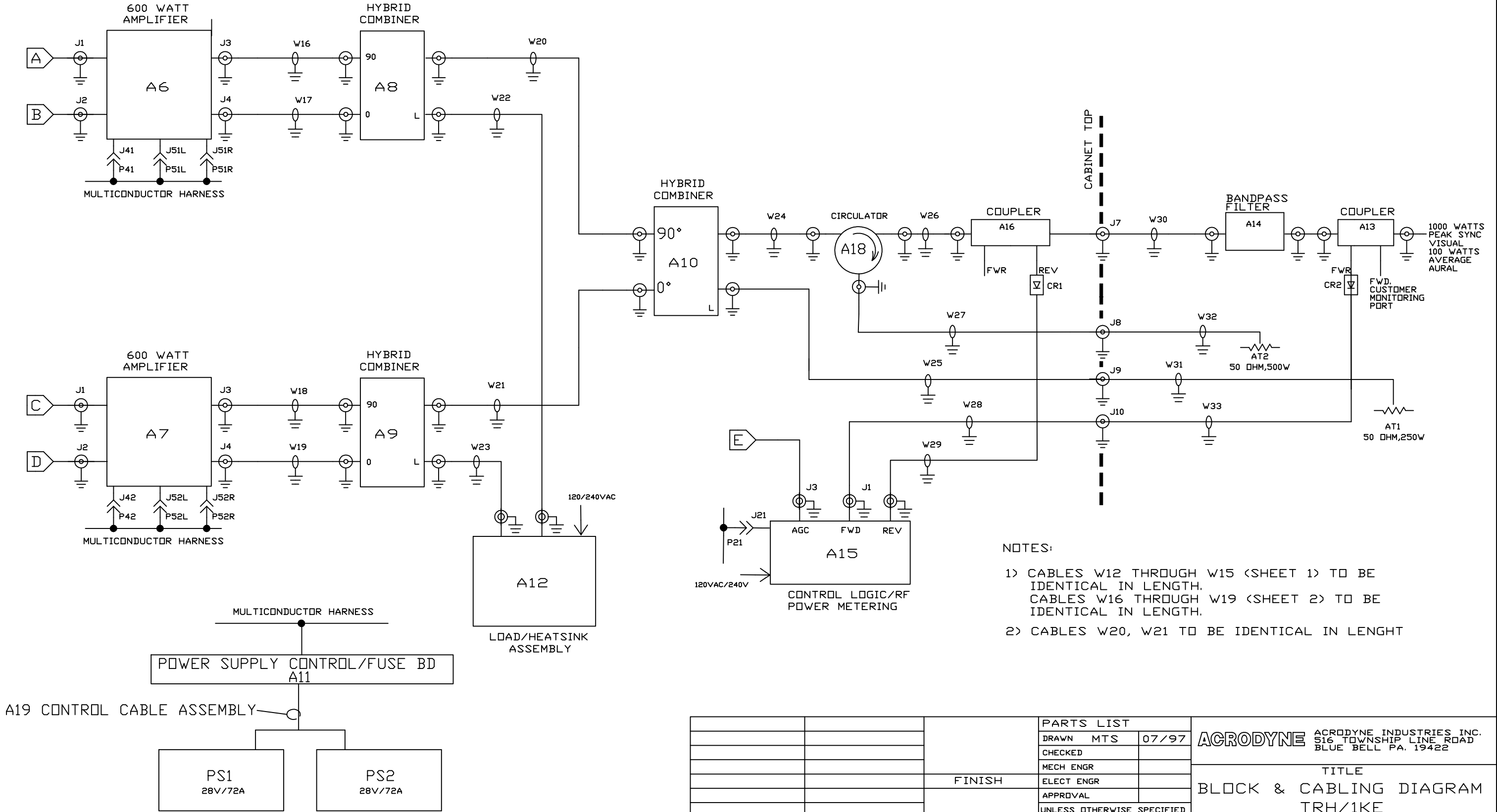
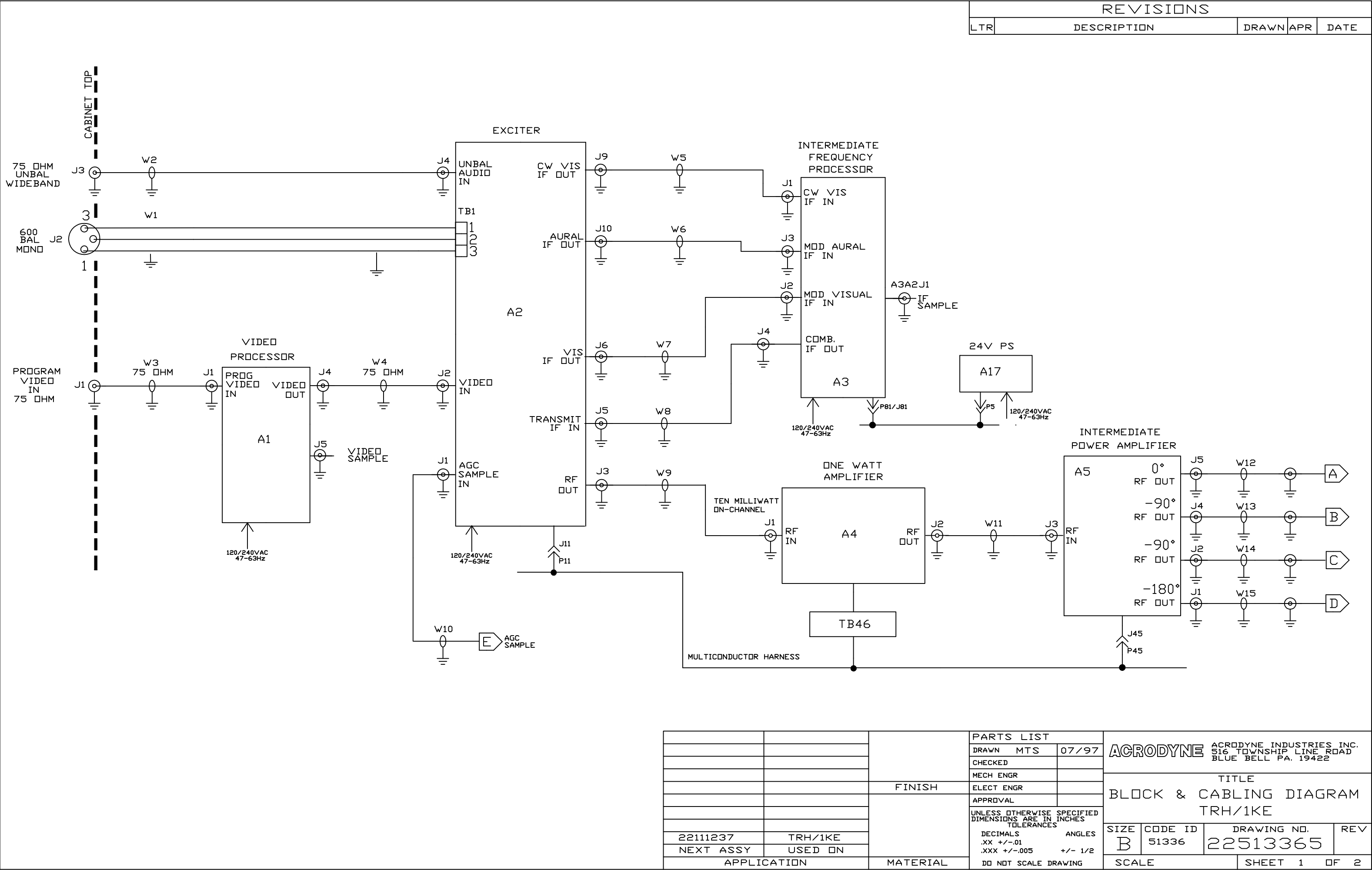


REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE

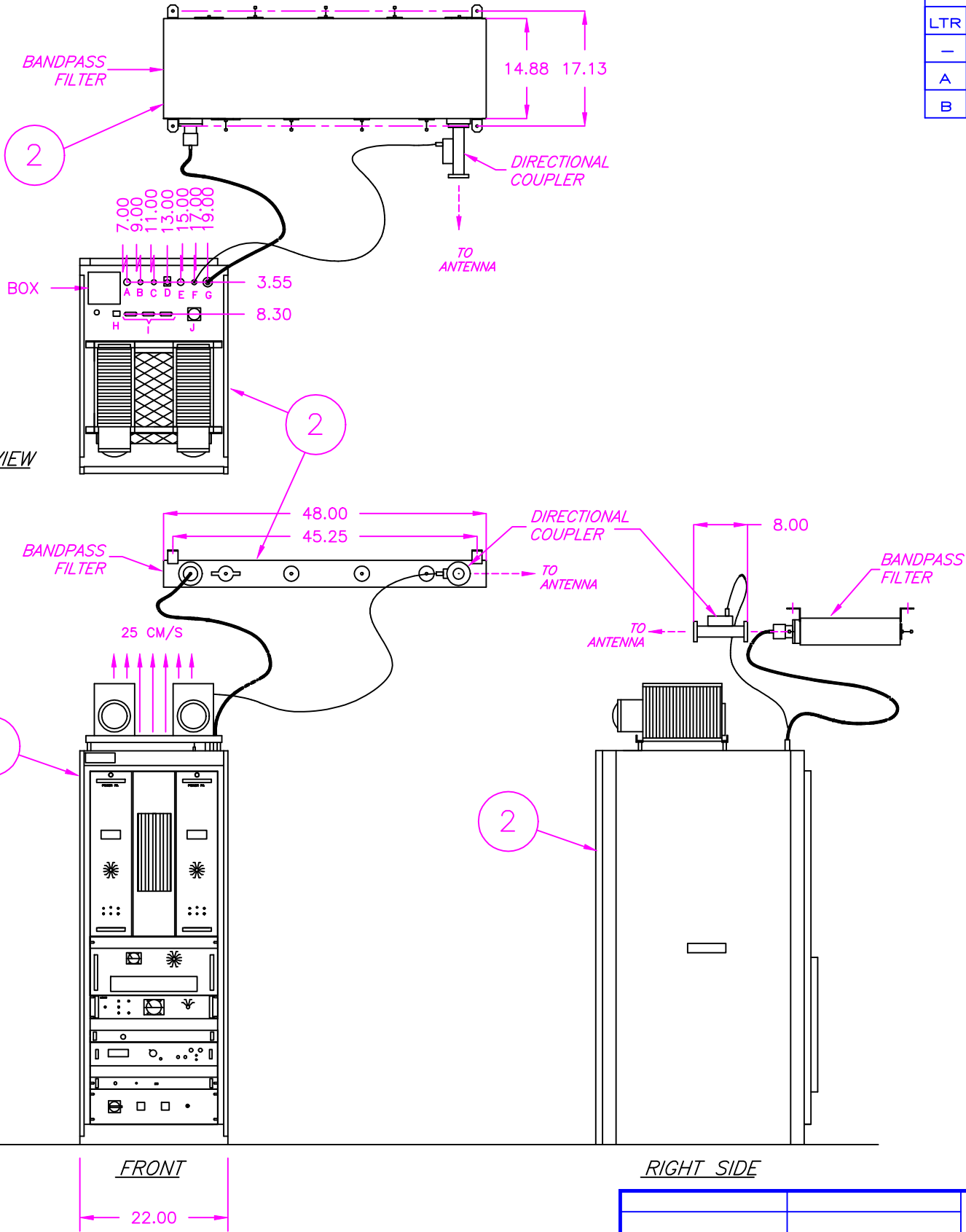


- NOTES:
- 1) CABLES W12 THROUGH W15 (SHEET 1) TO BE IDENTICAL IN LENGTH.
CABLES W16 THROUGH W19 (SHEET 2) TO BE IDENTICAL IN LENGTH.
 - 2) CABLES W20, W21 TO BE IDENTICAL IN LENGTH

		PARTS LIST		ACRODYNE		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		DRAWN	MTS				
		CHECKED					
		MECH ENGR					
		ELECT ENGR					
		APPROVAL					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
		DECIMALS	ANGLES				
		.XX +/- .01					
		.XXX +/- .005	+/- 1/2				
22111237	TRH/1KE						
NEXT ASSY	USED ON						
APPLICATION		MATERIAL		DO NOT SCALE DRAWING		SCALE	SHEET 2 OF 2



A	AT1, REJECT LOAD (W31)
B	PROGRAM VIDEO IN
C	UNBALANCED AUDIO IN
D	BALANCED AUDIO IN
E	AT2, REJECT LOAD (W32)
F	FORWARD COPULER PORT
G	RF OUTPUT, TYPE 'N'
H	TB1303
I	J4-J6, REMOTE SYSTEM
J	INTERCONNECTIONS
	J1302



REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
-	INITIAL RELEASE TO CUSTOMER - 3/23/99	hcc	MB	3/23/99
A	ELECTRICAL CHAR MODIFIED PER CUSTOMER - 3/31/99	hcc	MB	3/31/99
B	MODIFIED TO REFLECT 'AS BUILT' - 5/18/99	hcc		

APPLICATION NOTES...

1. TRANSMITTER SHOULD BE INSTALLED IN A CLEAN, WEATHER-PROOF BUILDING WITH ENVIRONMENTAL CONTROL.
2. ROOM AMBIENT TEMPERATURE EXTREMES 0 TO 40 DEGREES CELSIUS; RECOMMENDED AMBIENT TEMPERATURE FOR OPTIMAL PERFORMANCE & RELIABILITY IS 25 DEGREES CELSIUS (77 DEGREES F.).
3. MAXIMUM ALTITUDE: 7500 FT. ABOVE SEA LEVEL: HIGH ALTITUDE MODIFICATIONS ARE AVAILABLE.
4. RELATIVE HUMIDITY: 0-95% WITHOUT CONDENSATION.
5. ANY ROOM DUCTS & OPENINGS SHOULD BE SIZED TO KEEP AIR VELOCITY AT-OR-BELOW 300ft/MIN TO KEEP THE INLET & OUTLET SCREEN & DUCT LOSSES TO A MINIMUM. AIR ENTERING THE ROOM SHOULD BE CLEAN & DRY.

TRANSMITTER DATA..

POWER REQUIREMENTS:
 208/120 VAC, 1 PHASE, 3 WIRE.
 3.7KVA CONSUMPTION @ GREY PICTURE,
 10% AURAL.
 30 AMP SERVICE RECOMMENDED.

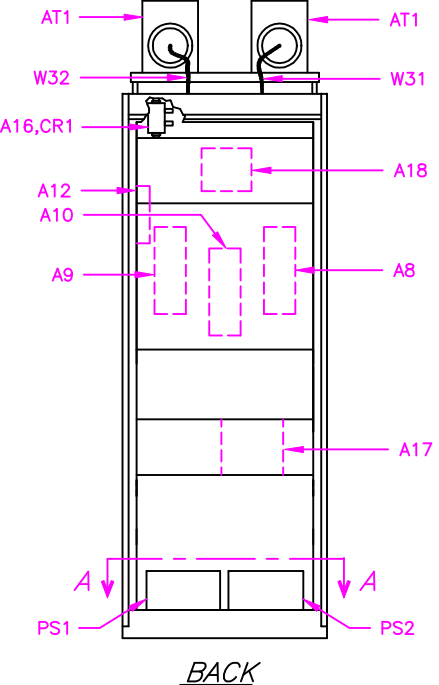
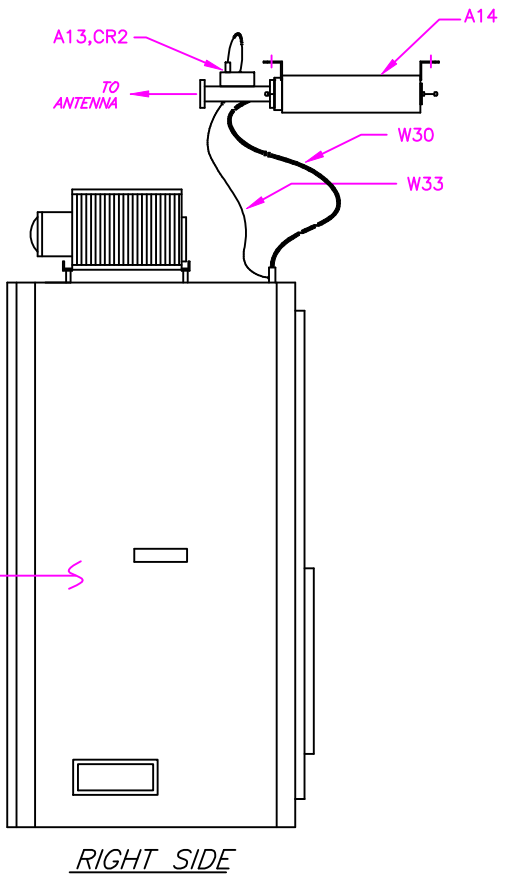
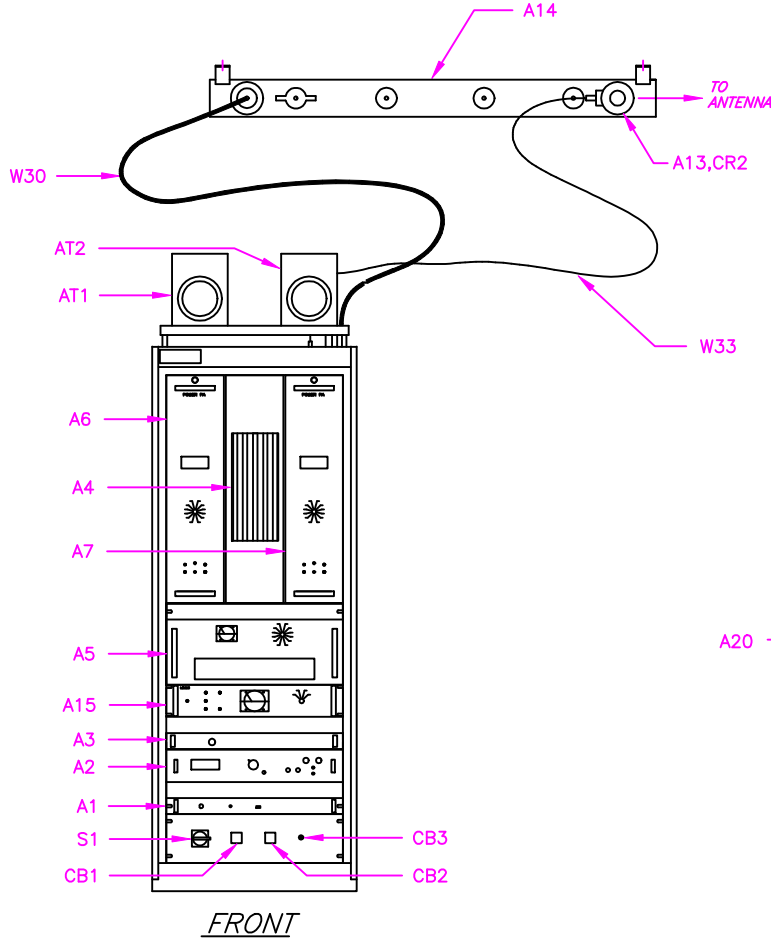
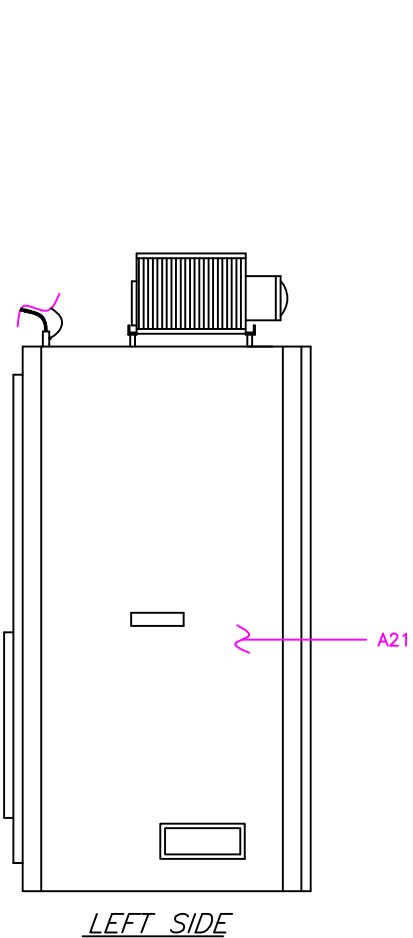
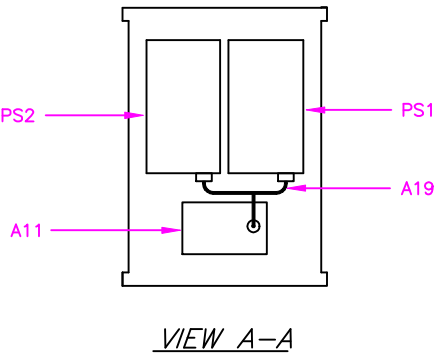
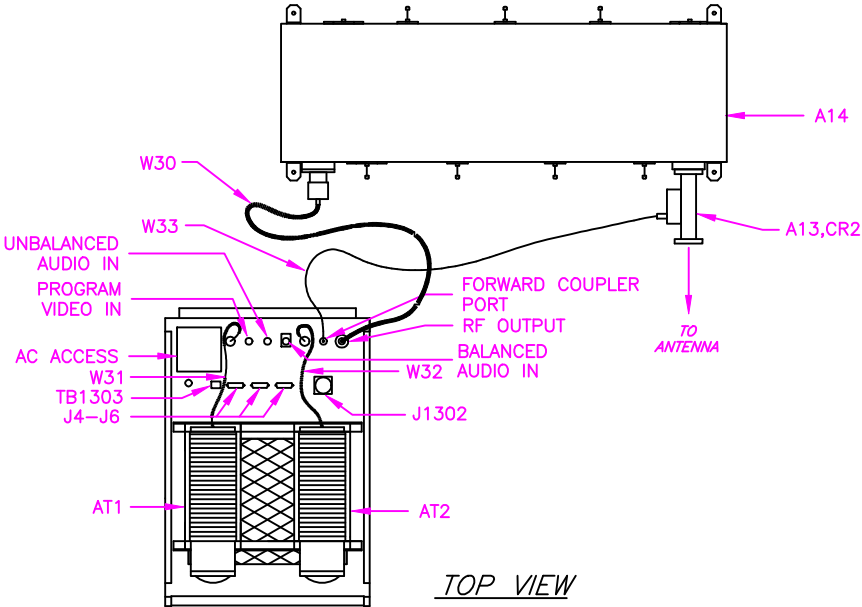
HEAT REJECTED/ROOM LOAD:
 11K BTU/HR TYPICAL.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

99091, TTI, INC., CH 7

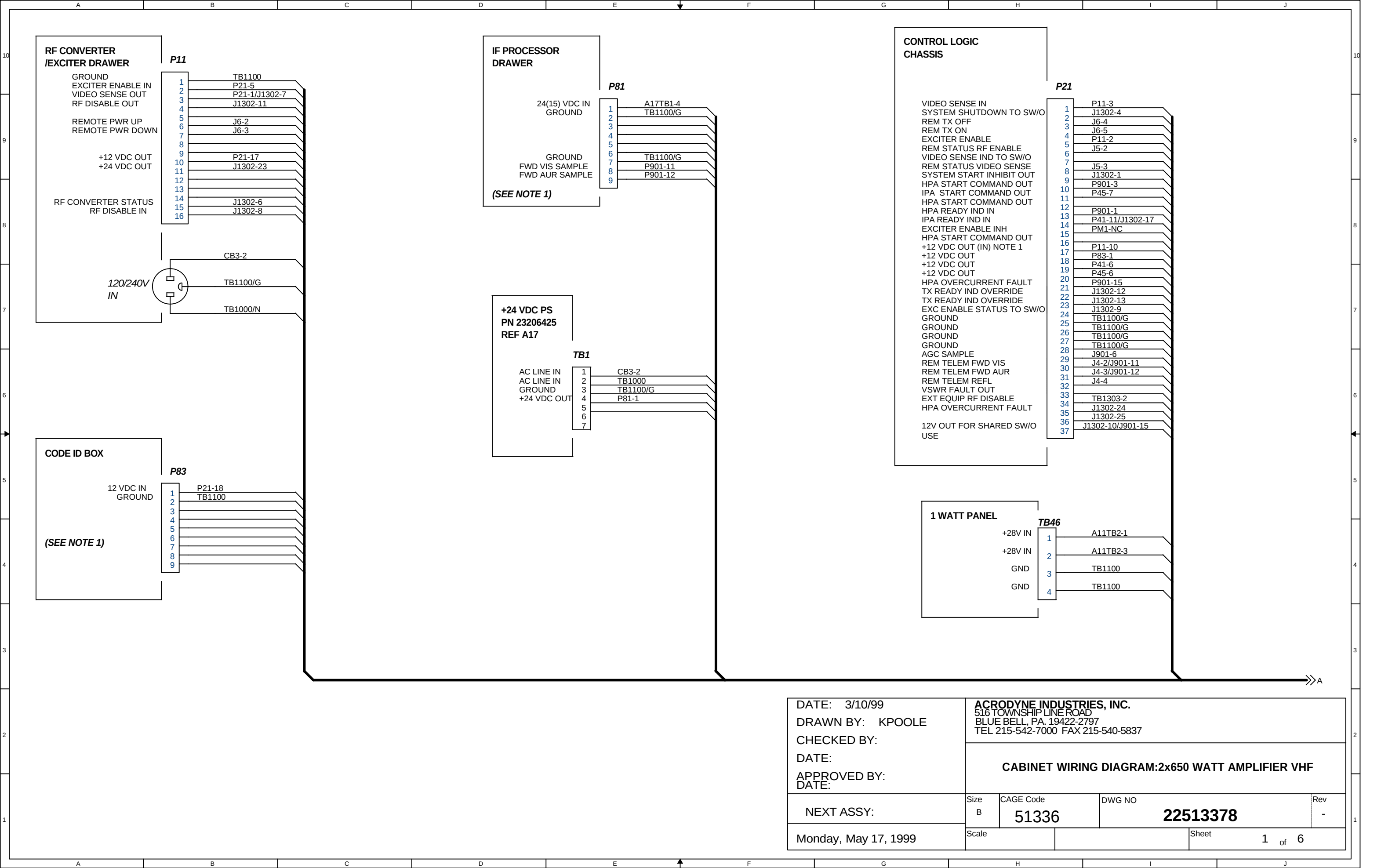
		PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		DRAWN	hcc 3/17/99		
		CHECKED			
		MECH ENGR			
		FINISH	ELECT ENGR MB 3/99	TITLE APPLICATION ILLUSTRATION, TRH/1KE	
			APPROVAL		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		
			DECIMALS ANGLES	SIZE	CODE ID
			.XX +/- .01	B	51336
			.XXX +/- .005 +/- 1/2	DRAWING NO.	REV
NEXT ASSY USED ON		DO NOT SCALE DRAWING		22613202	B
APPLICATION		MATERIAL		SCALE: N/A	SHEET 1 OF 1

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -502 VERSION - 5/99	SMJ	MB	5/99
B	ADDED -503, MODIFIED TO REFLECT 'AS BUILT'-5/19/99	hcc		

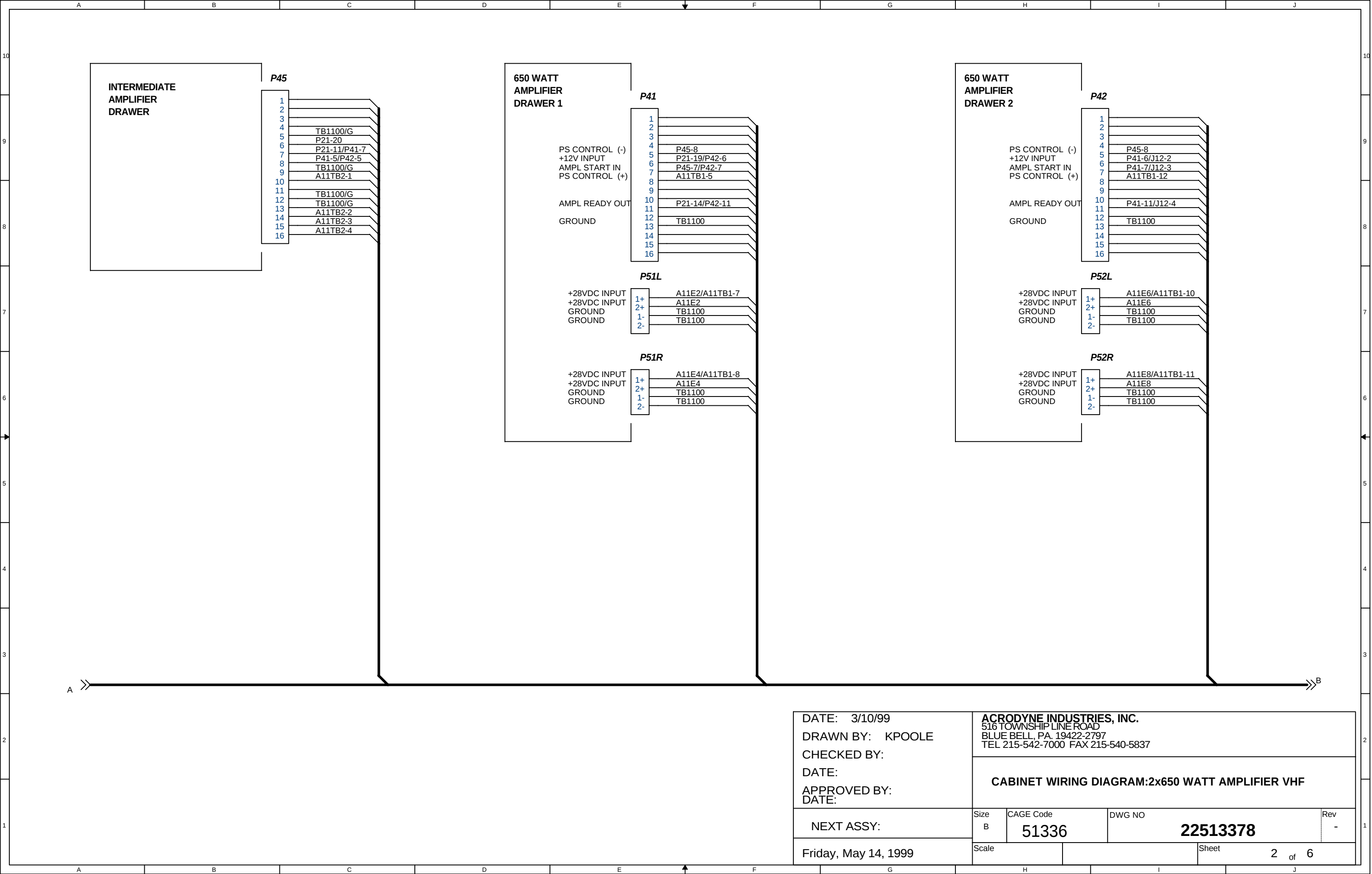


-502

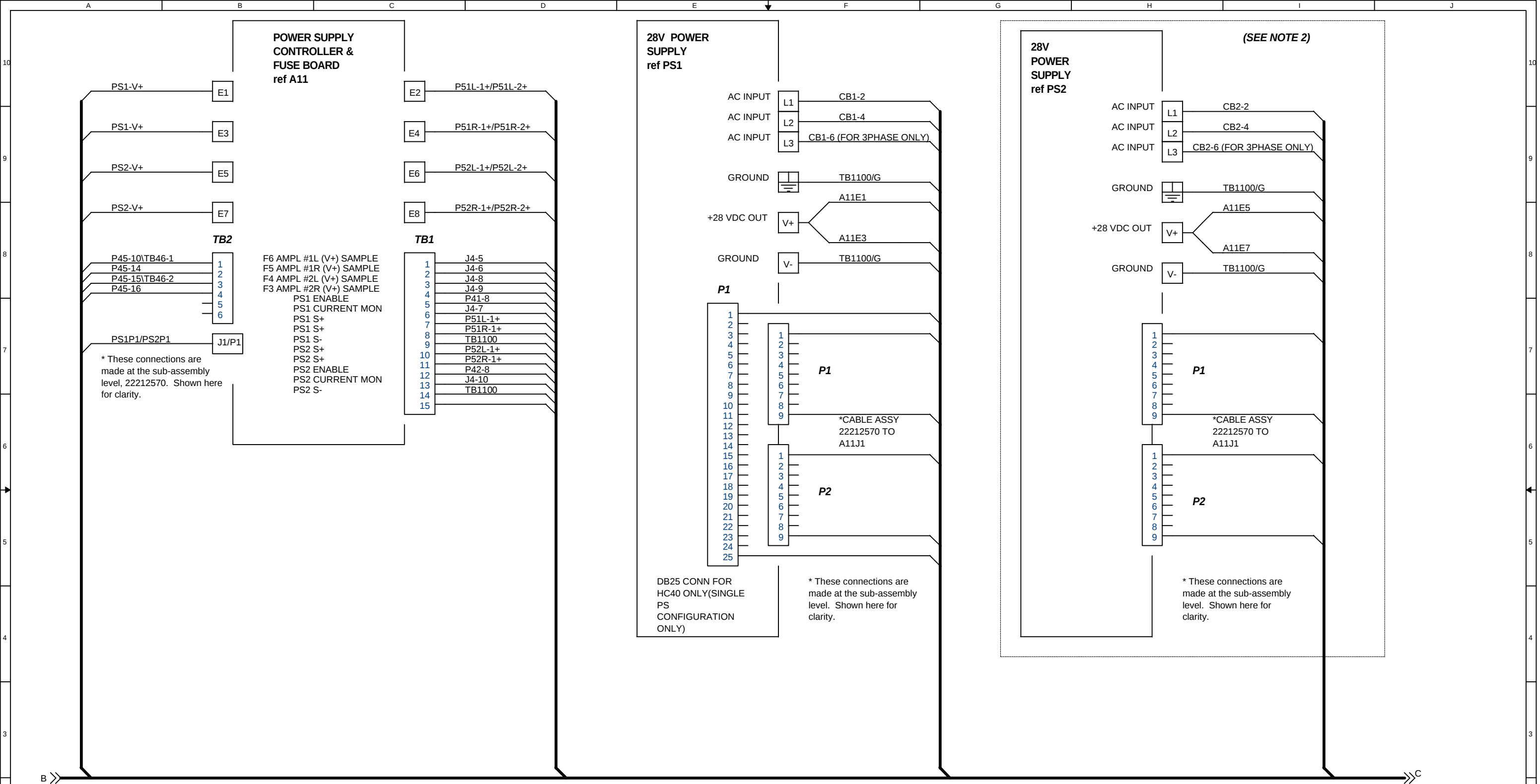
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	MTS 7/97				
			CHECKED					
			MECH ENGR					
		FINISH	ELECT ENGR MB	7/97	TITLE CABINET ASSEMBLY, TRH/1KE			
			APPROVAL					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
			DECIMALS					



DATE: 3/10/99 DRAWN BY: KPOOLE CHECKED BY: DATE: APPROVED BY: DATE:	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
	CABINET WIRING DIAGRAM:2x650 WATT AMPLIFIER VHF			
NEXT ASSY:	Size B	CAGE Code 51336	DWG NO 22513378	Rev -
Monday, May 17, 1999	Scale		Sheet 1 of 6	



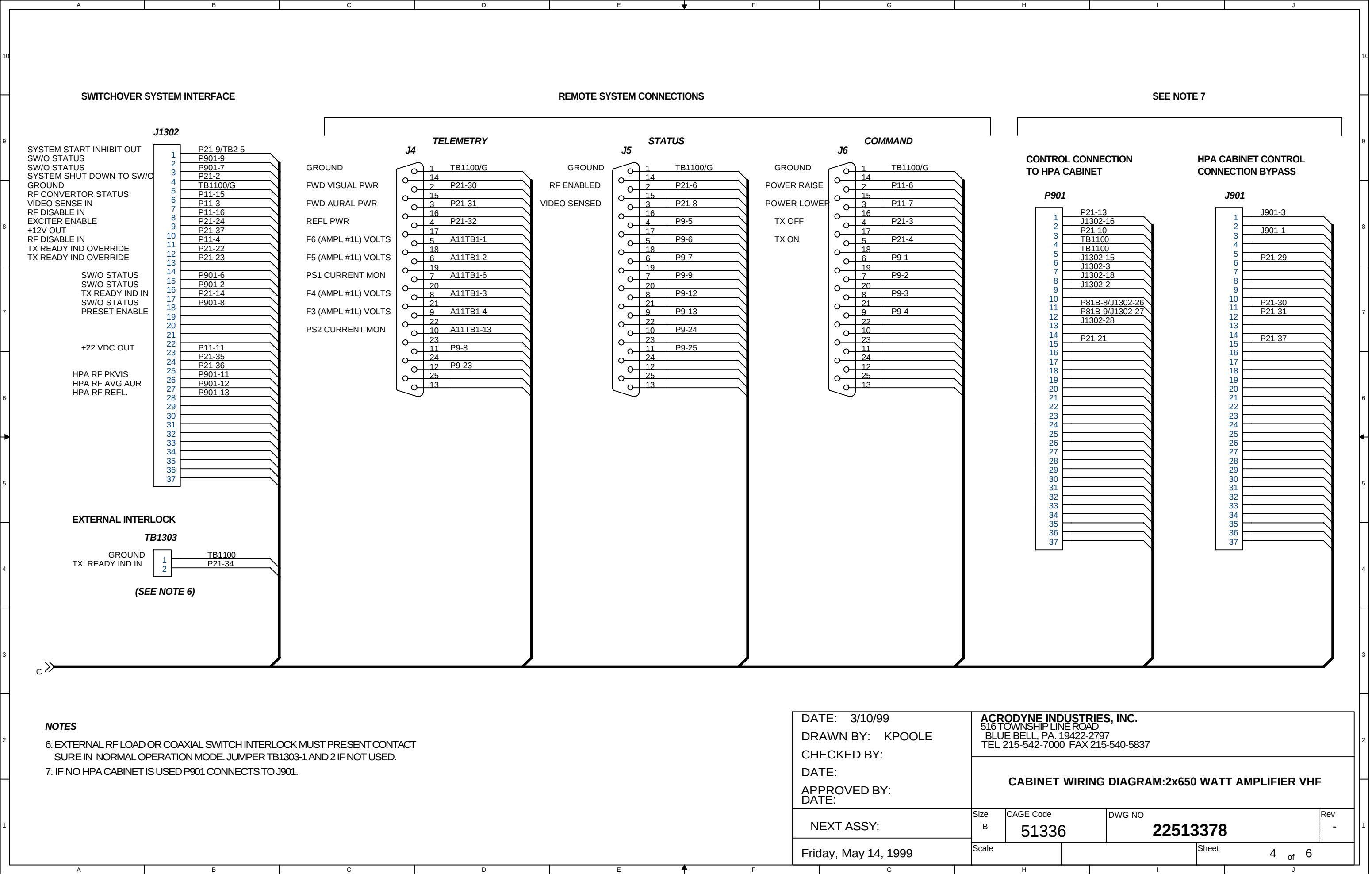
DATE: 3/10/99 DRAWN BY: KPOOLE CHECKED BY: DATE: APPROVED BY: DATE:	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
	CABINET WIRING DIAGRAM:2x650 WATT AMPLIFIER VHF			
	Size B	CAGE Code 51336	DWG NO 22513378	Rev -
NEXT ASSY: Friday, May 14, 1999	Scale		Sheet 2 of 6	



NOTES

2: THIS POWER SUPPLY IS ONLY USED IN DUAL POWER SUPPLY CONFIGURATION AND IS AN OPTION TO THE SYSTEM.

DATE: 3/10/99 DRAWN BY: KPOOLE CHECKED BY: DATE: APPROVED BY: DATE:	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
	CABINET WIRING DIAGRAM:2x650 WATT AMPLIFIER VHF			
	Size B	CAGE Code 51336	DWG NO 22513378	Rev -
NEXT ASSY: Friday, May 14, 1999	Scale	Sheet 3 of 6		



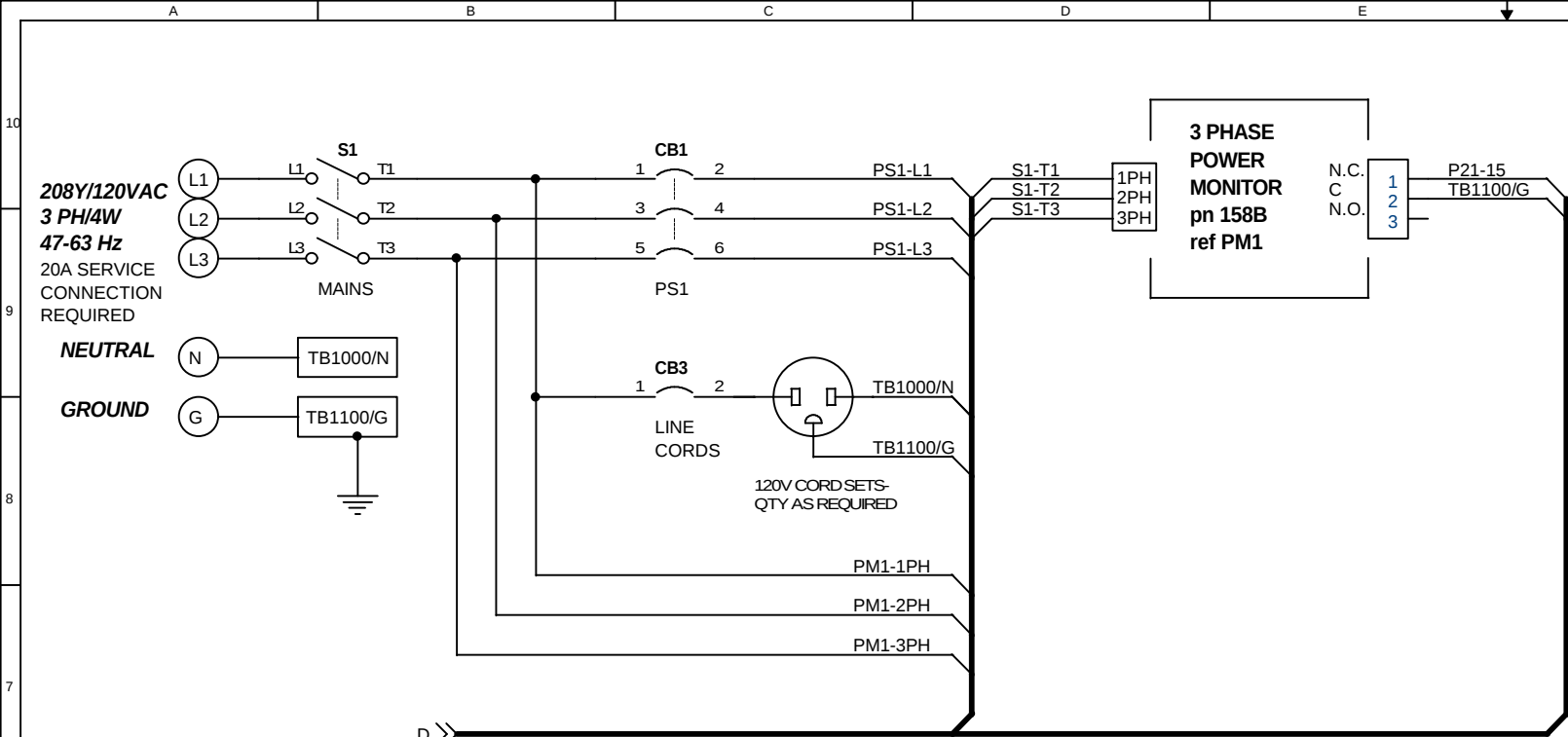


DIAGRAM A: USE FOR 208Y/120VAC THREE PHASE, SINGLE POWER SUPPLY CONFIGURATION ONLY

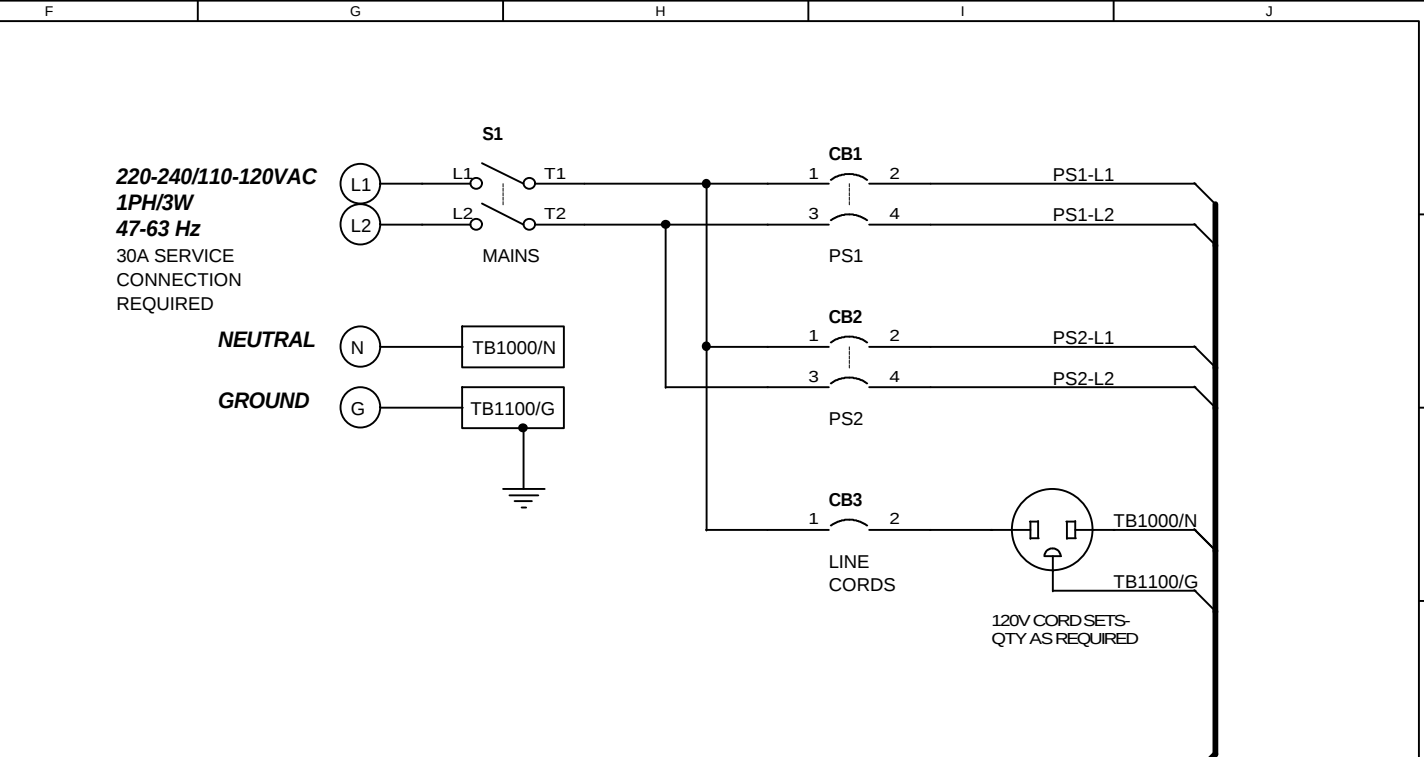


DIAGRAM C: USE FOR 220-240/110-120VAC SINGLE PHASE, DUAL POWER SUPPLY CONFIGURATION ONLY

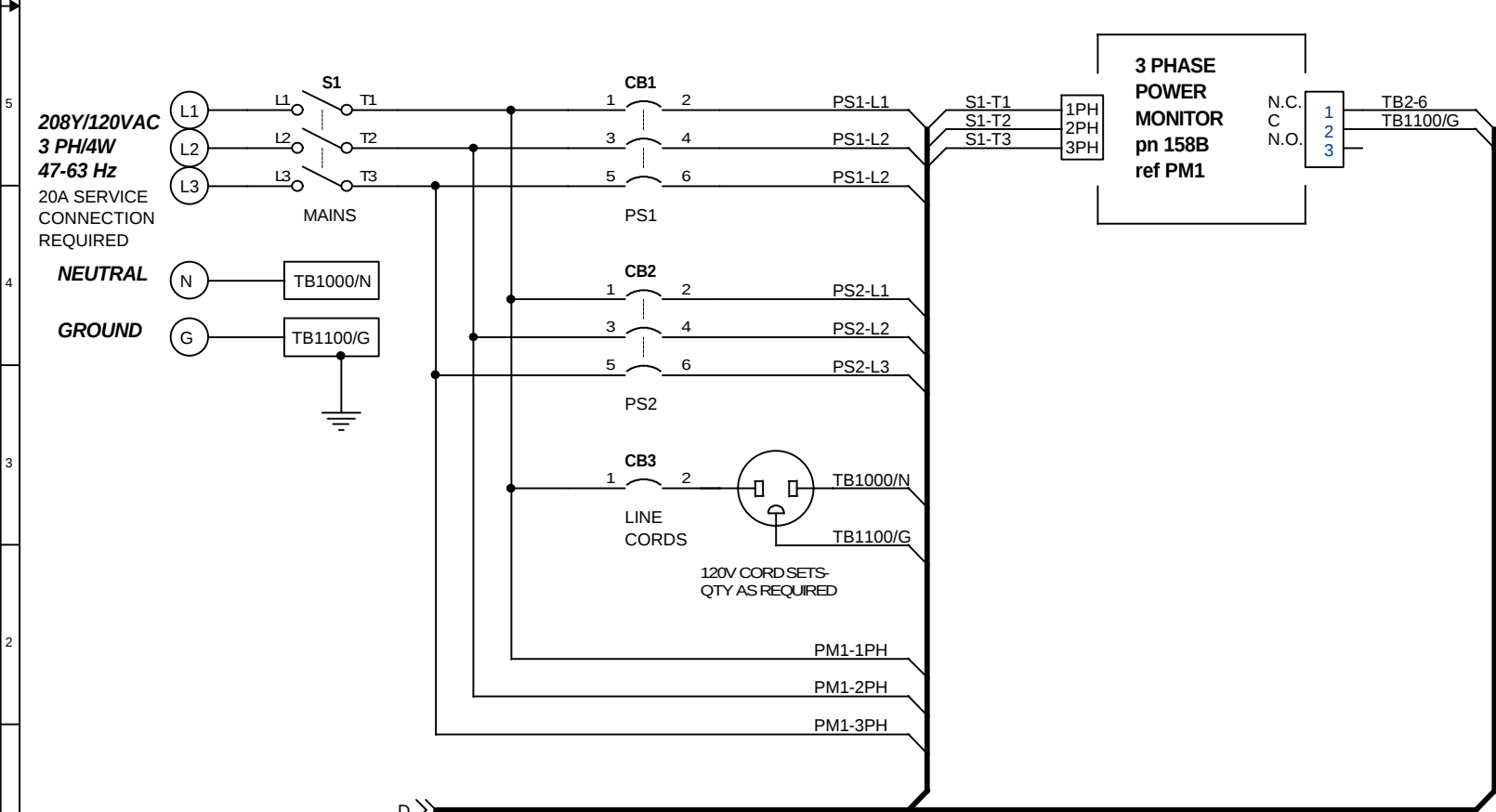


DIAGRAM B: USE FOR 208Y/120VAC THREE PHASE, DUAL POWER SUPPLY CONFIGURATION ONLY

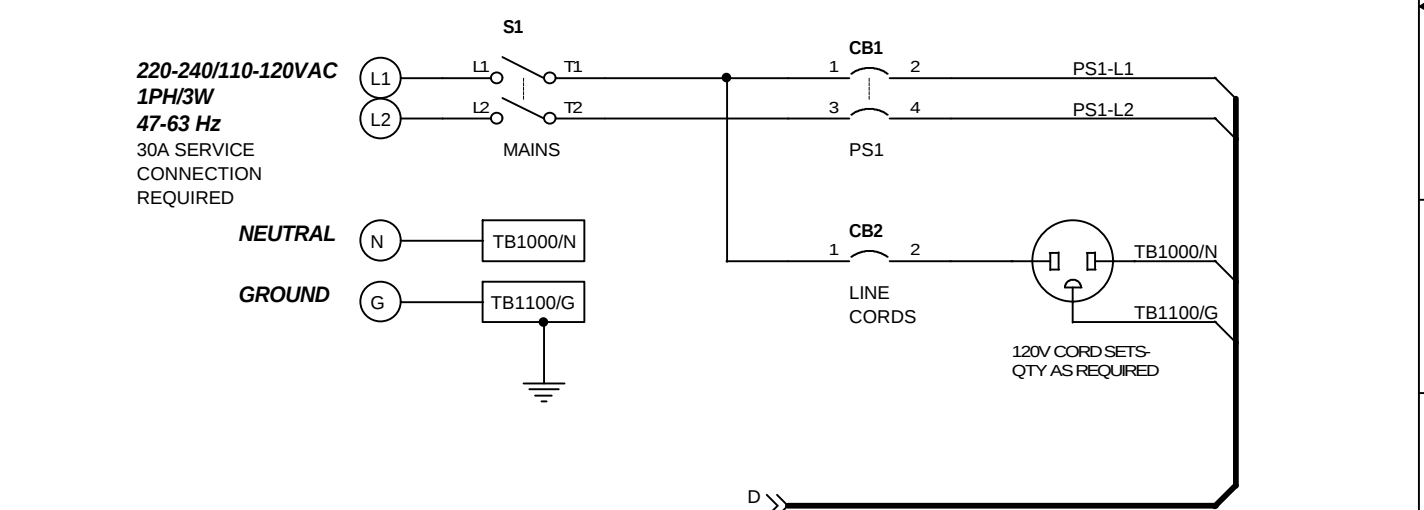
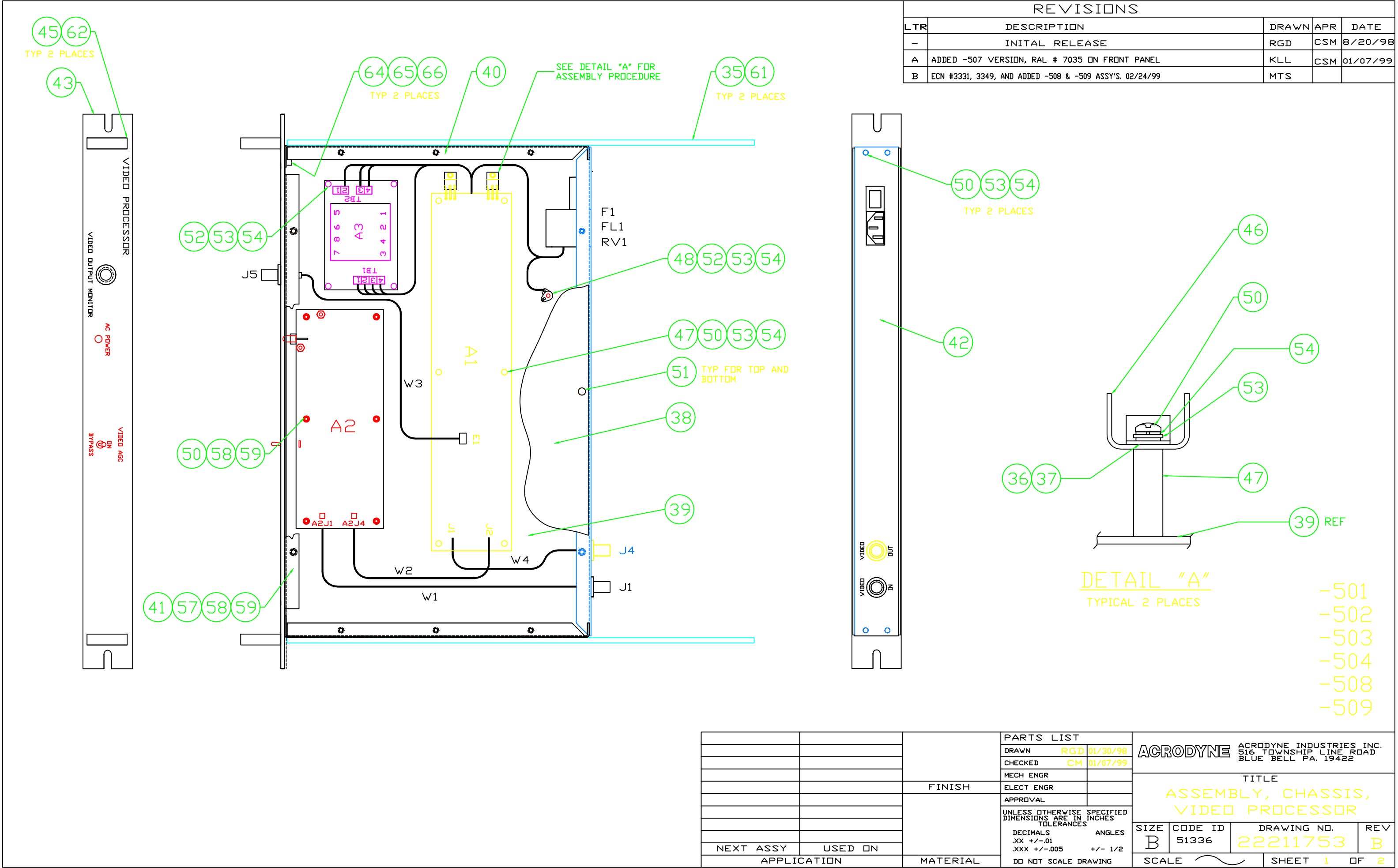


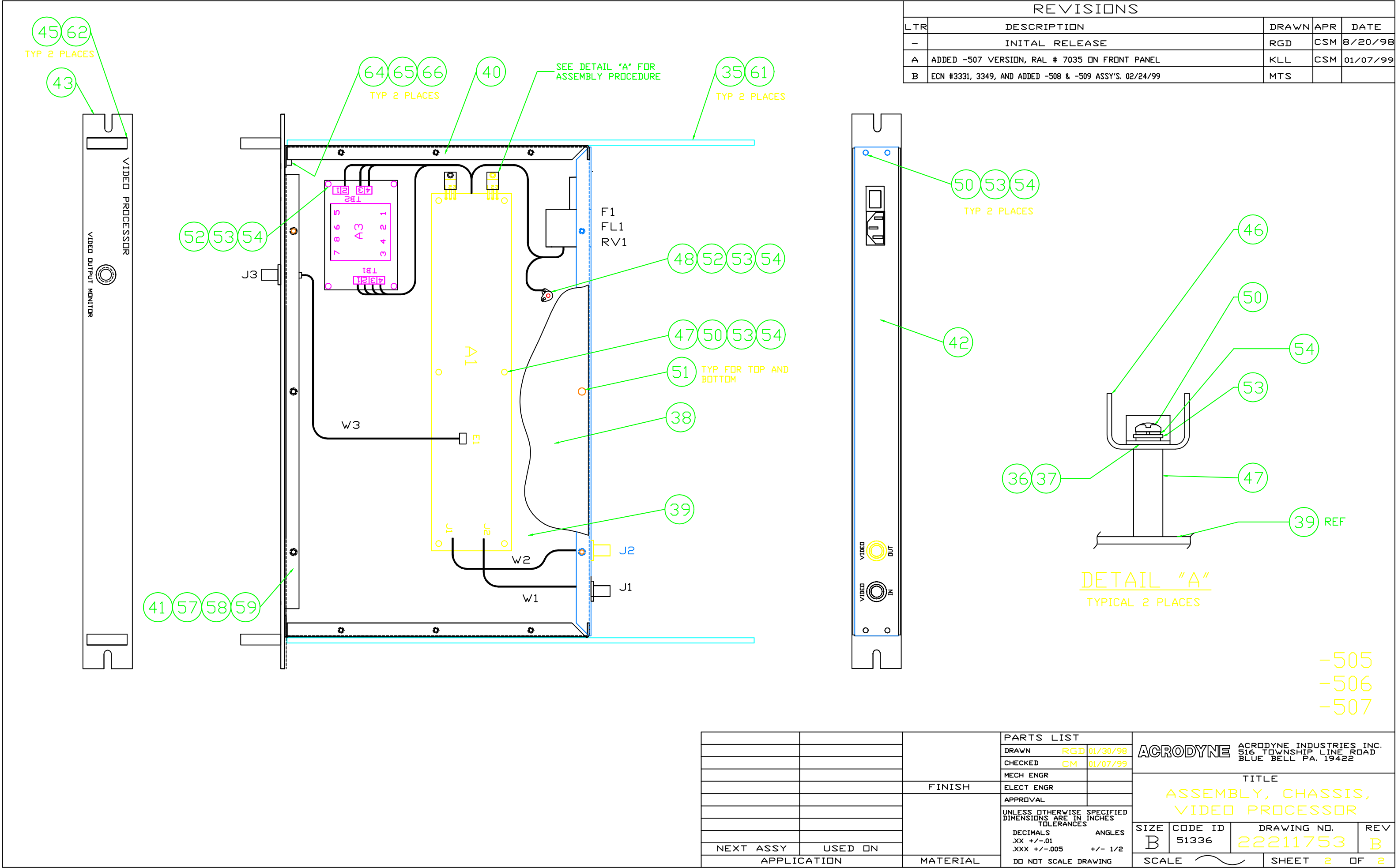
DIAGRAM D: USE FOR 220-240/110-120VAC SINGLE PHASE, SINGLE POWER SUPPLY CONFIGURATION ONLY

DATE: 3/10/99	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
DRAWN BY: KPOOLE				
CHECKED BY:				
DATE:				
APPROVED BY:				
DATE:				
	CABINET WIRING DIAGRAM:2x650 WATT AMPLIFIER VHF			
NEXT ASSY:	Size B	CAGE Code 51336	DWG NO 22513378	Rev -
Friday, May 14, 1999	Scale		Sheet 5 of 6	



DATE: 3/10/99 DRAWN BY: KPOOLE CHECKED BY: DATE: APPROVED BY: DATE:	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA, 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
	CABINET WIRING DIAGRAM:2x650 WATT AMPLIFIER VHF			
NEXT ASSY:	Size B	CAGE Code 51336	DWG NO 22513378	Rev -
Friday, May 14, 1999	Scale		Sheet 6 of 6	



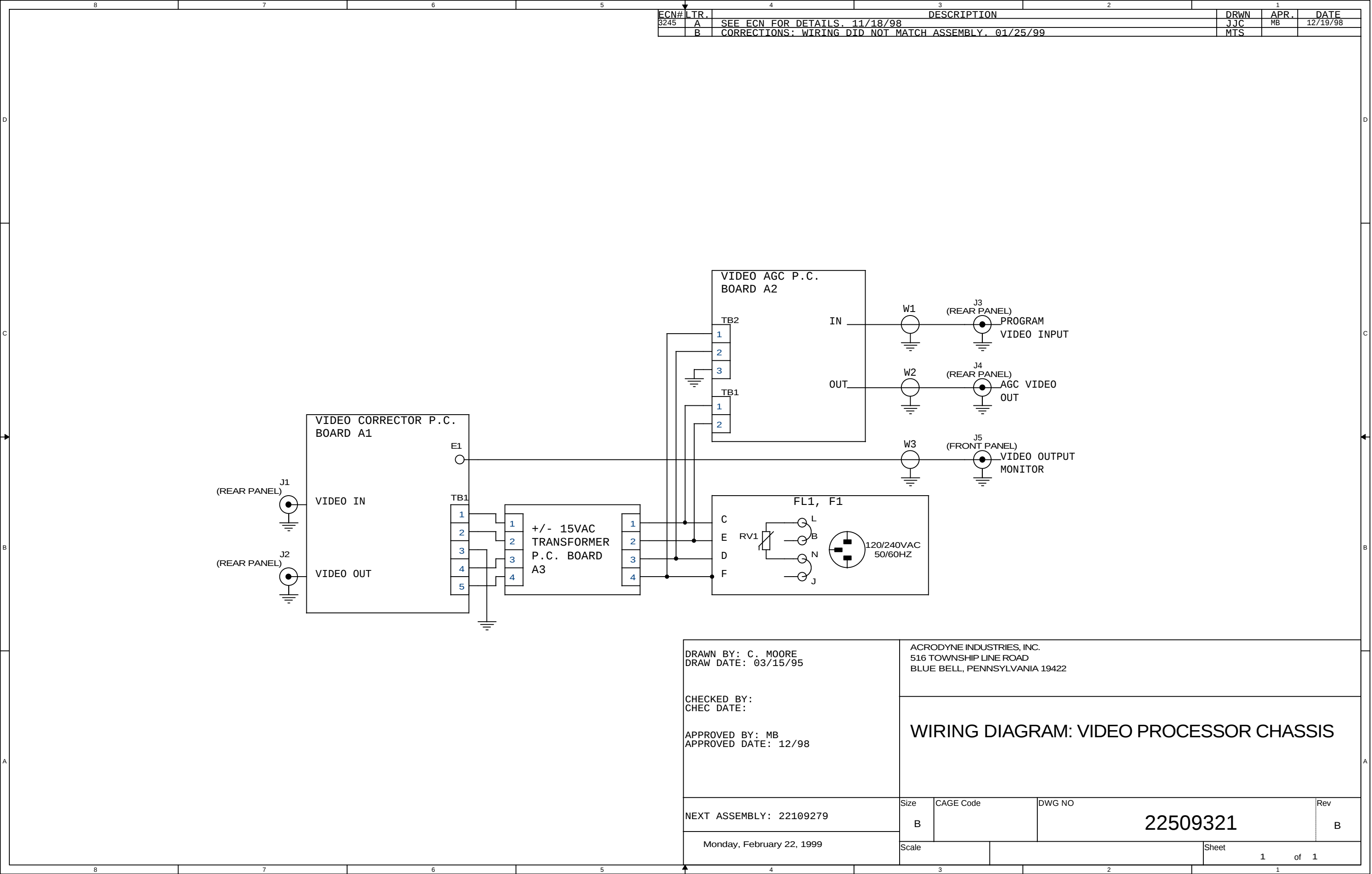


REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
-	INITAL RELEASE	RGD	CSM	8/20/98
A	ADDED -507 VERSION, RAL # 7035 ON FRONT PANEL	KLL	CSM	01/07/99
B	ECN #3331, 3349, AND ADDED -508 & -509 ASSY'S. 02/24/99	MTS		

DETAIL "A"
TYPICAL 2 PLACES

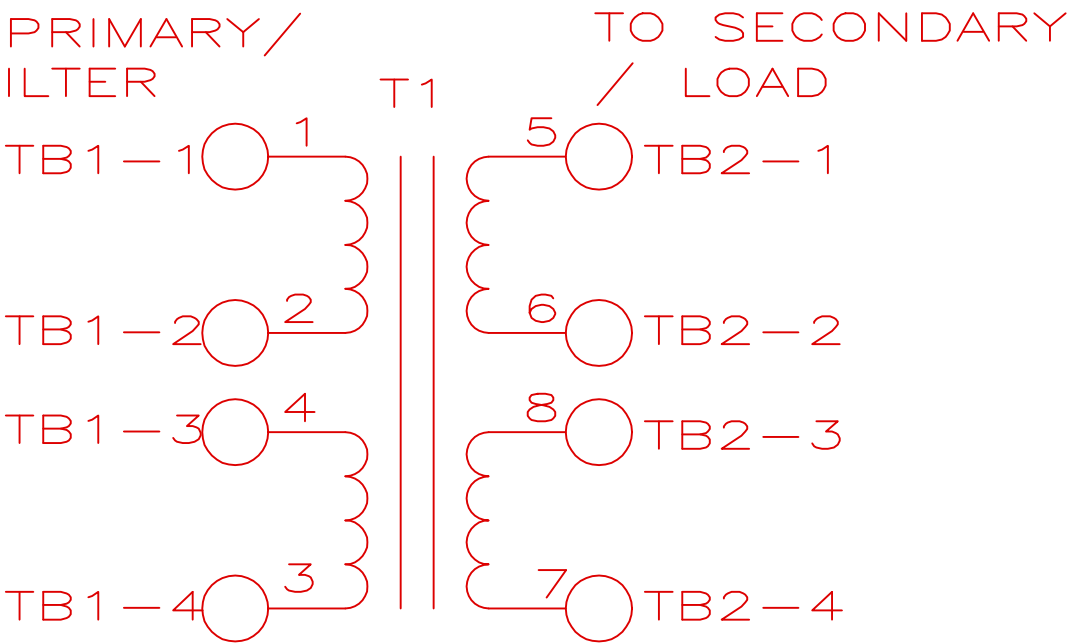
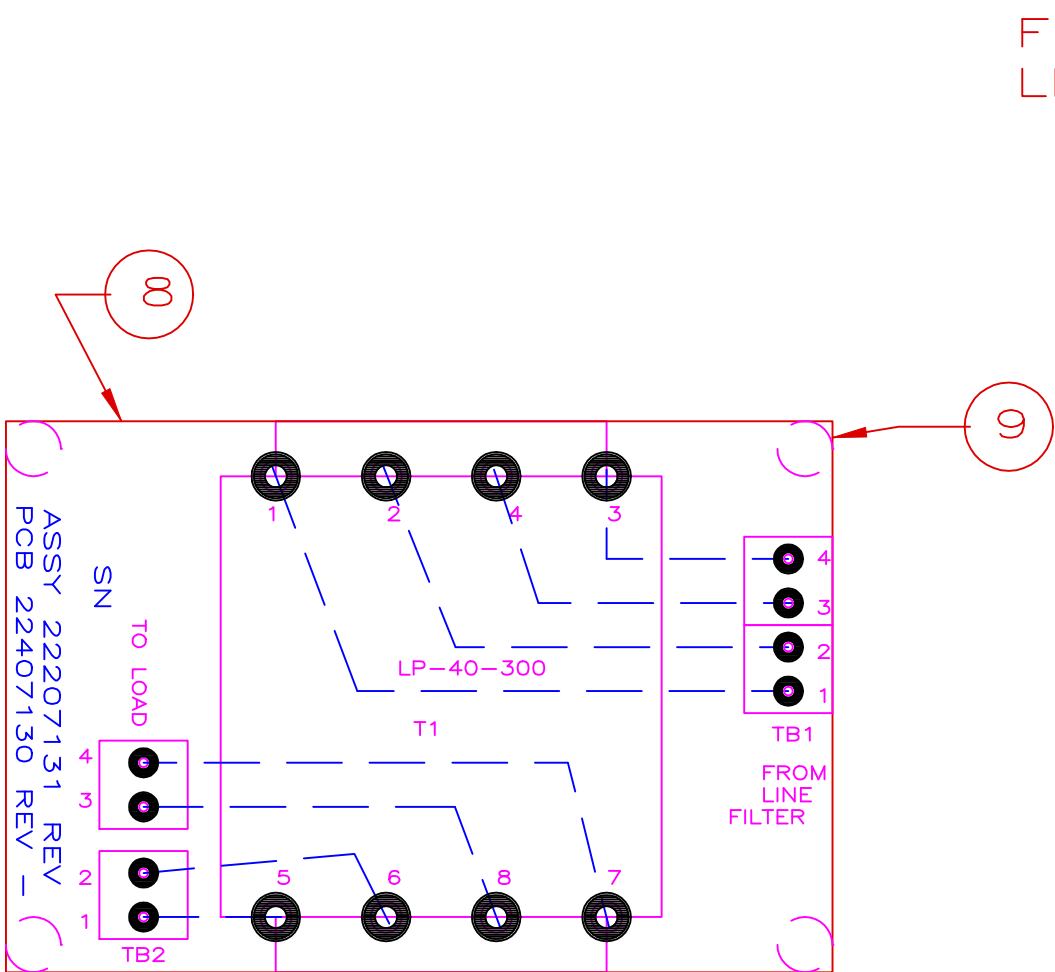
-505
-506
-507

			PARTS LIST		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	RGD 01/30/98				
			CHECKED	CM 01/07/99				
			MECH ENGR		TITLE ASSEMBLY, CHASSIS, VIDEO PROCESSOR			
			ELECT ENGR					
		APPROVAL						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
		DECIMALS	ANGLES					
		.XX +/- .01		SIZE	CODE ID	DRAWING NO.	REV	
		.XXX +/- .005	+/- 1/2					
NEXT ASSY	USED ON	DO NOT SCALE DRAWING		SCALE	SHEET 2 OF 2			
APPLICATION		MATERIAL						



DRAWN BY: C. MOORE DRAW DATE: 03/15/95 CHECKED BY: CHEC DATE: APPROVED BY: MB APPROVED DATE: 12/98	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PENNSYLVANIA 19422			
	WIRING DIAGRAM: VIDEO PROCESSOR CHASSIS			
	NEXT ASSEMBLY: 22109279	Size B	CAGE Code	DWG NO 22509321
Monday, February 22, 1999	Scale			Sheet 1 of 1

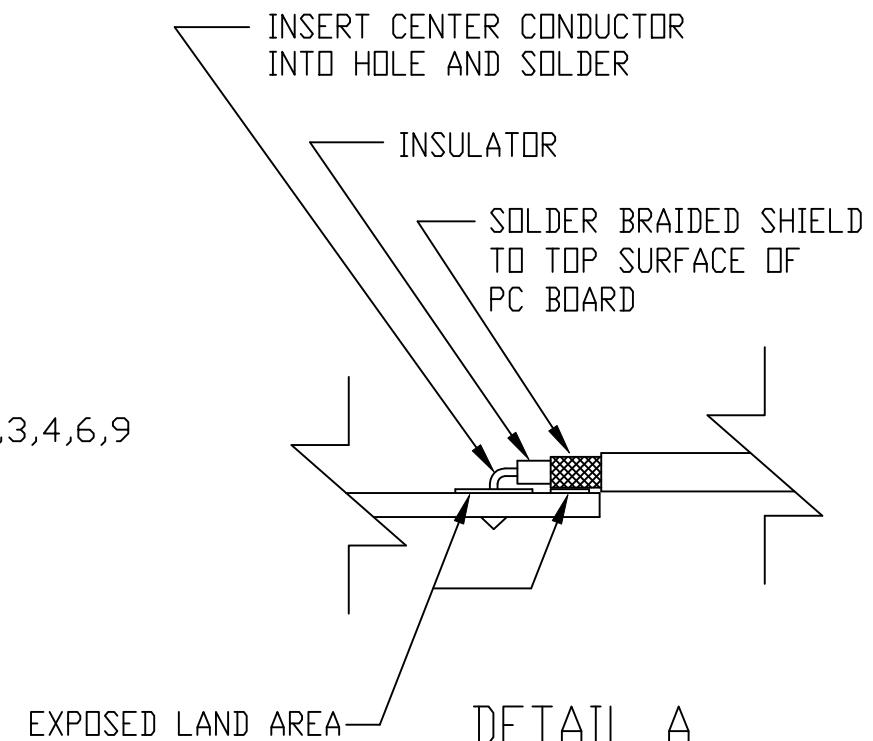
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	UPDATE DRAWING TO ACAD - 1/18/99	hcc	MB	1/99



SCHEMATIC

ALL TRACES ARE ON SOLDER SIDE

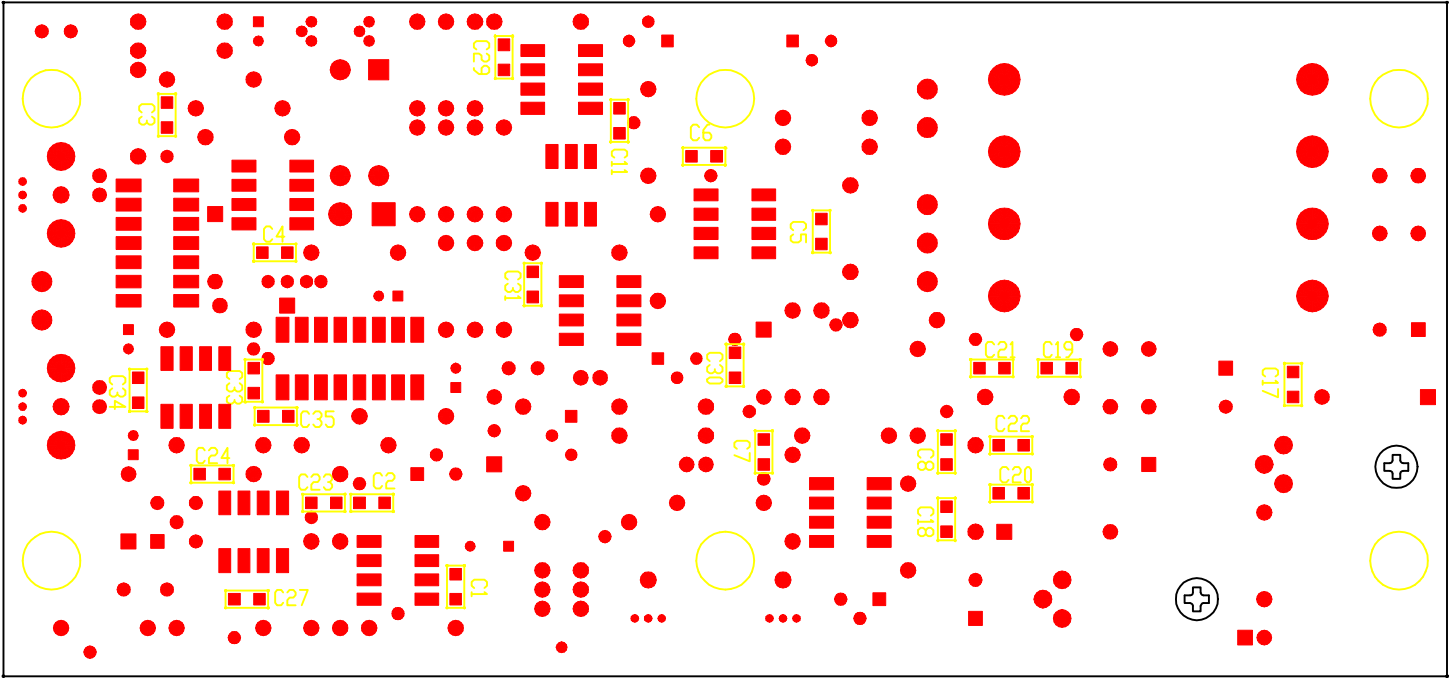
		SEE NOTES	PARTS LIST		ACRODYNE INDUSTRIES ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	CSM					04/10/92
			CHECKED	MB					4/27/92
			MECH ENGR						
		FINISH	ELECT ENGR		TITLE ASSEMBLY TRANSFORMER PC BOARD				
		SEE NOTES	APPROVAL	TH					5/5/92
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES					
24207144	TRU/30KV		.XX +/- .015						
NEXT ASSY	USED ON		.XXX +/- .005	+/- 1/2	SIZE	CODE ID	DRAWING NO.	REV	
					B	51336	22207131	A	
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE 1/1		SHEET 1 OF 1		



9. FOR SCHEMATIC DIAGRAM REFER TO 22510887.

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	ADD -502, J2 AND J3 WERE CONNECTORS	HFG 1/97	J.B.	1/97
B	SEE ECN # 2789	HFG 2/97	J.B.	3/97
C	SEE ECN # 2818	HFG 4/97	J.B.	4/97
D	SEE ECN # 2974	WB 10/97		
E	SEE ECN # 3059, 3063, 3074, 3099	WB 3/98	MB	
F	SEE ECN # 2974			
G	SEE ECN # 3245	MMC-11/30/98		

		PARTS LIST			ACRODYNE		ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA 19422	
		DRAWN	HFG	2/18/97				
		CHECKED						
		MECH ENGR						
		ELEC ENGR						
		APPROVAL			TITLE		PCB ASSEMBLY, VIDEO AGC WITH BACK PORCH CLAMP	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			SIZE	CODE ID	DRAWING NUMBER	REV
NEXT ASSY	USED ON				B	51336	22210886	G
APPLICATION		DECIMALS .XX +/- .015 .XXX +/- .005 DO NOT SCALE DRAWING			ANGLES +/- 1/2		SCALE 1:1	SHEET 3 OF 4



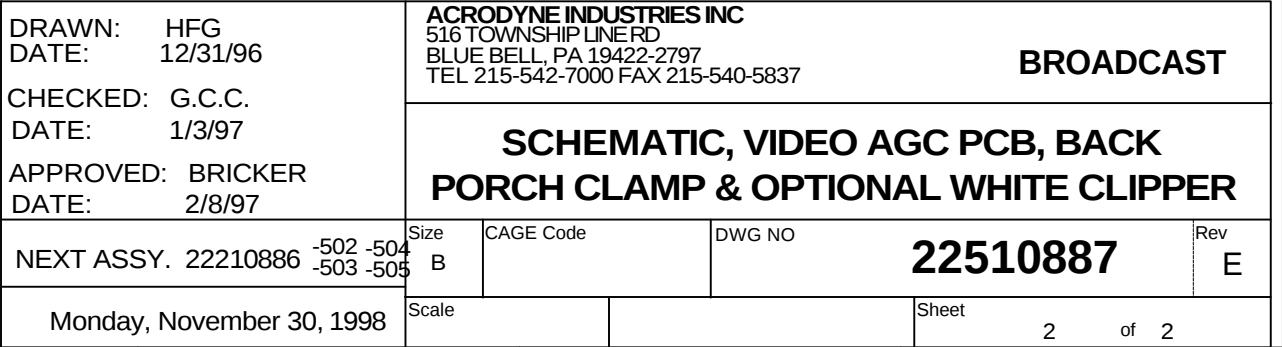
REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	ADD -502, J2 AND J3 WERE CONNECTORS	HFG 1/97	J.B.	1/97
B	SEE ECN # 2789	HFG 2/97	J.B.	3/97
C	SEE ECN # 2818	HFG 4/97	J.B.	4/97
D	SEE ECN # 2974	WB 10/97		
E	SEE ECN # 3059, 3063, 3074, 3099	WB 3/98	MB	
F	SEE ECN # 2974			
G	SEE ECN # 3245	mc-11/30/98		

NOTES:

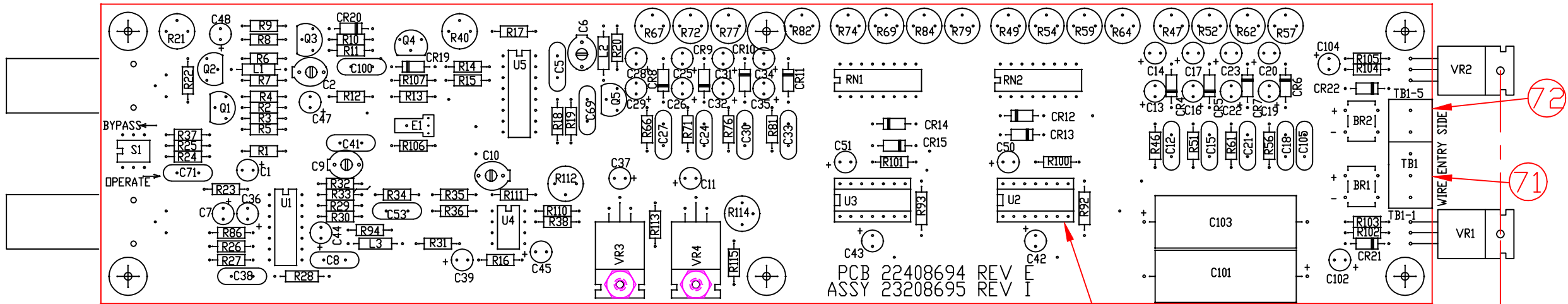
- 1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
- 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
- 3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
- 4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
- 5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE SPECIFIED.
- 6. FOR SCHEMATIC DIAGRAM REFER TO 22510887.

BOTTOM ASSEMBLY
-501 THRU -505

PARTS LIST					ACRODYNE			
		DRAWN	HFG	2/18/97	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA 19422			
		CHECKED			TITLE PCB ASSEMBLY, VIDEO AGC WITH BACK PORCH CLAMP			
		MECH ENGR						
		ELEC ENGR						
		APPROVAL						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE	CODE ID	DRAWING NUMBER	REV
		DECIMALS .XX +/- .015 .XXX +/- .005	TOLERANCES	ANGLES +/- 1/2	B	51336	22210886	G
		DO NOT SCALE DRAWING			SCALE	1:1	SHEET 4 OF	4
NEXT ASSY		USED ON		APPLICATION				

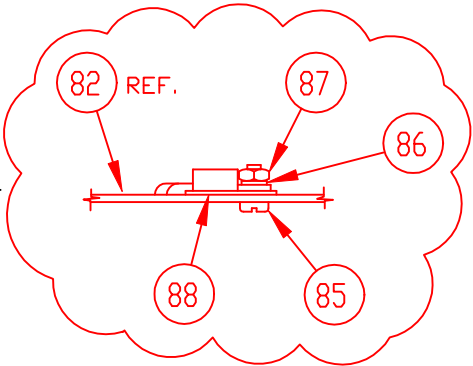


REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
I	SEE ECN #	MMC-10/98		
J	UPPED REV DUE TO ECN 3321	JJC-1/99		



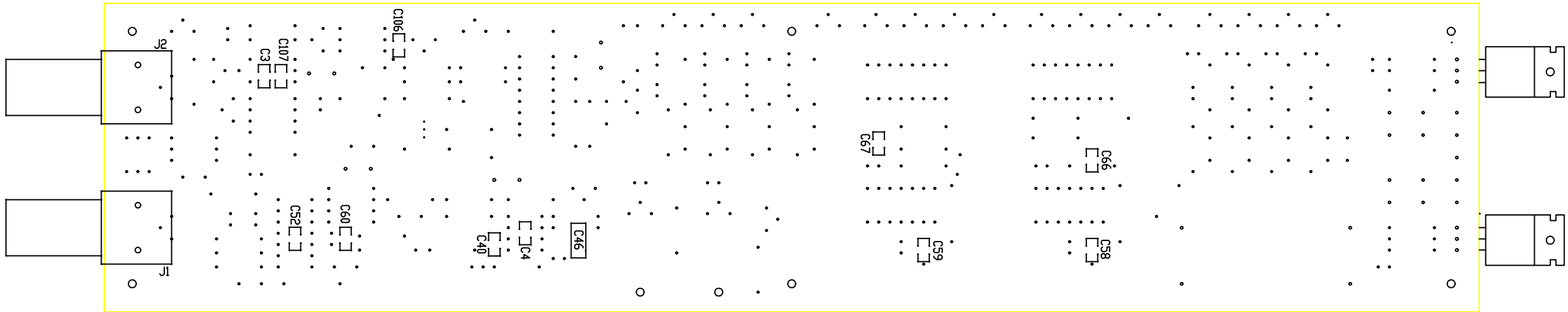
PCB 22408694 REV F
ASSY 23208695 REV I

VR3,VR4 ASS'Y DETAIL



COMPONENT SIDE SHOWN

0.625" REF
83;TYP U2,U3



NOTES:

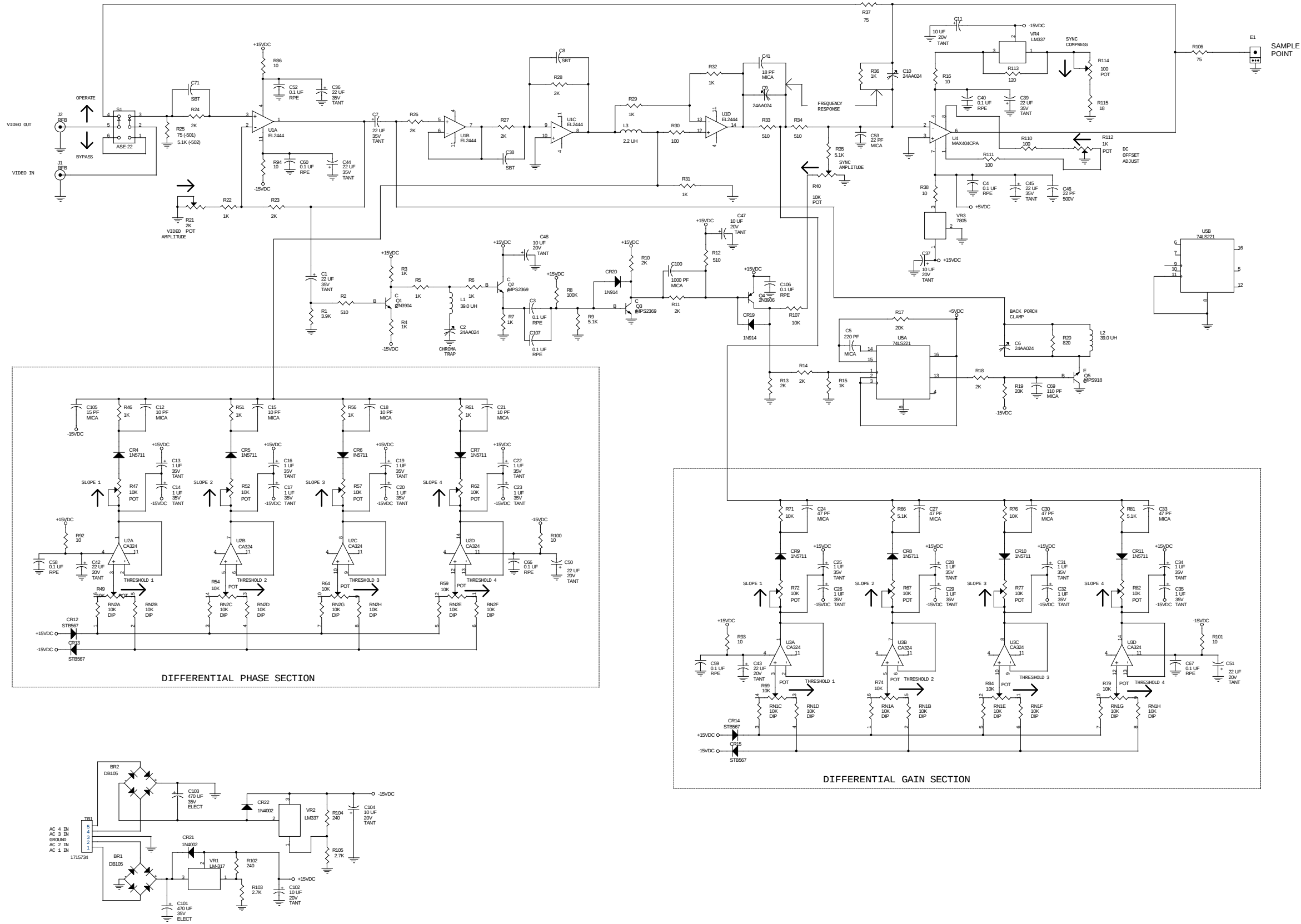
1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE SPECIFIED.
6. FOR SCHEMATIC DIAGRAM REFER TO 24508696.

SOLDER SIDE SHOWN

			PARTS LIST		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	C.A.T.					3/98
			CHECKED						
			MECH ENGR						
		FINISH	ELECT ENGR			TITLE ASSEMBLY, VIDEO CORRECTOR BOARD			
			APPROVAL						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES					
			.XX +/--.015						
			.XXX +/--.005	+/- 1/2					
NEXT ASSY	USED ON					SIZE	CODE ID	DRAWING NO.	REV
						C	51336	23208695	J
APPLICATION		MATERIAL	DO NOT SCALE DRAWING			SCALE		SHEET 1 OF 1	

REVISIONS

A = ECN
2395
F = REVISED 2-10-98
G = ECN #

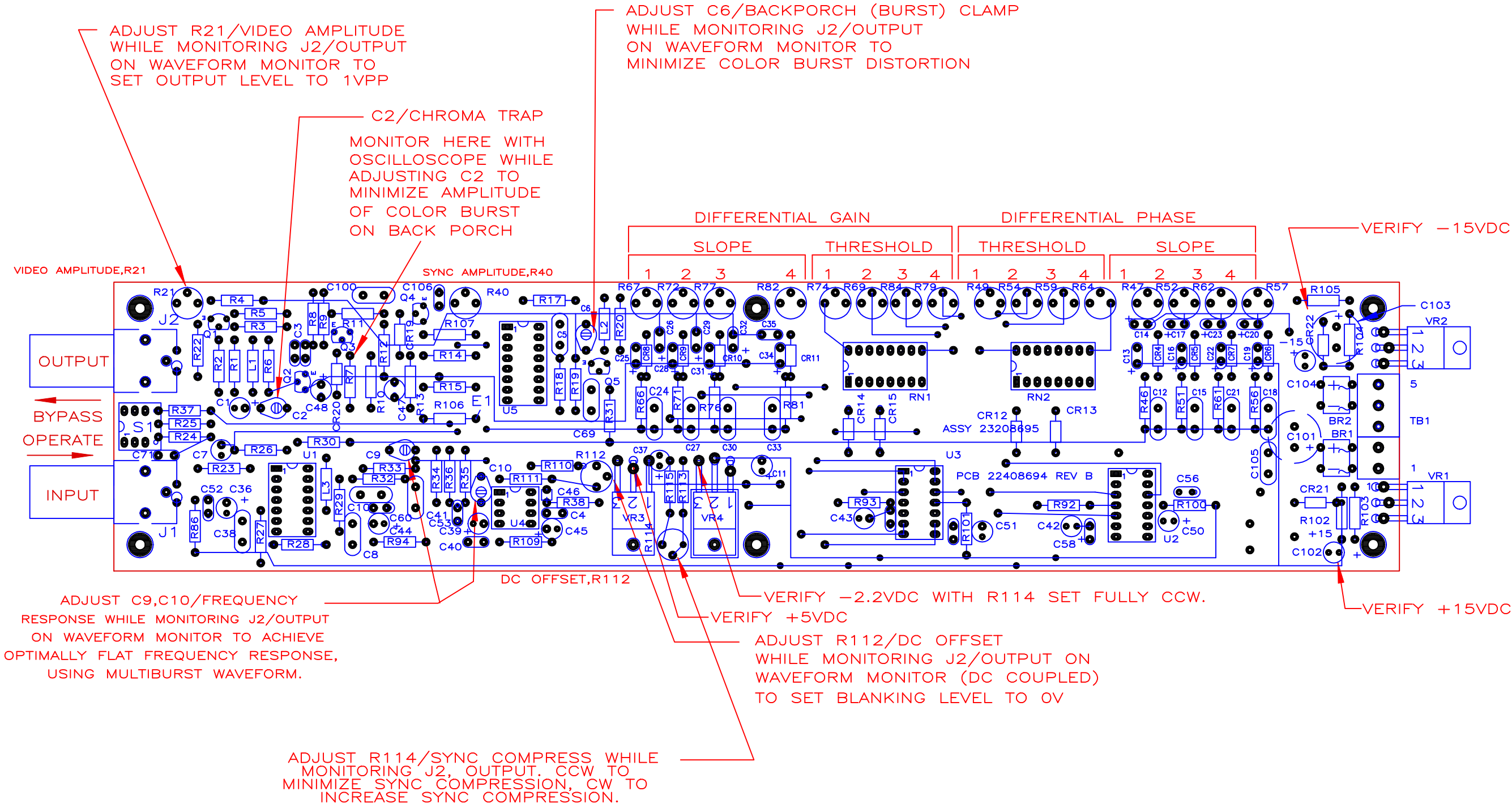


ACRODYNE INDUSTRIES INC
516 TOWNSHIP LINE RD
BLUE BELL, PA 19422-2797
TEL 215-542-7000 FAX 215-540-5887

Rev D Document Number 24508696
Date: Thursday, April 28, 1995
Rev G

1. PRESET ALL DØ/DG CONTROL POTS 5 TURNS CCW
2. PRESET SYNC AMPLITUDE POT 5 TURNS CCW
3. PRESET S1 TO OPERATE POSITION

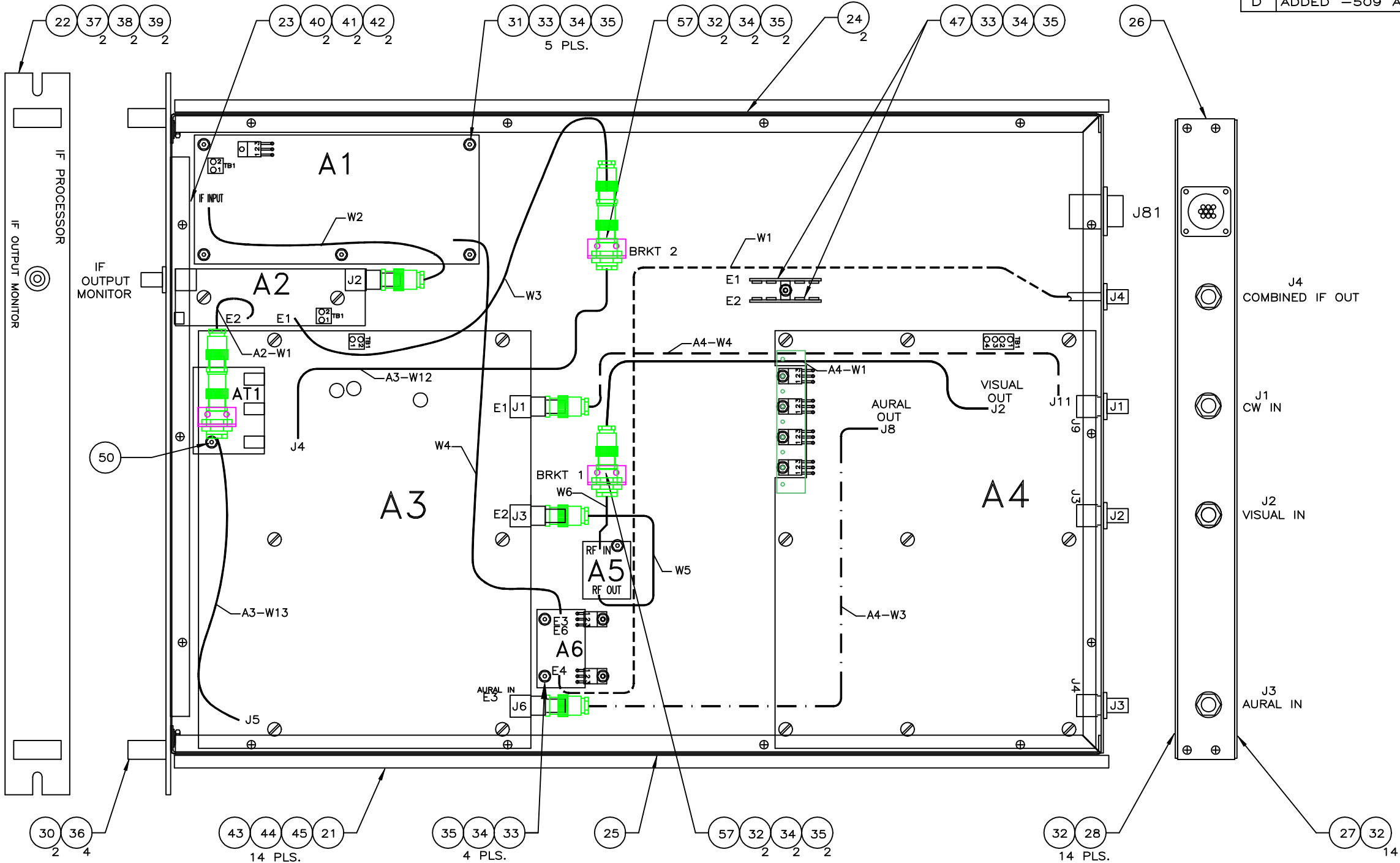
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	REDRAWN FOR CHANGES/ADDITIONS.	MTS	MB	1/96
B	UPGRADE TO ACAD - 1/18/99	hcc	MB	1/99



			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	SJT					9/92
			CHECKED	MB					9/92
			MECH ENGR						
		FINISH	ELECT ENGR		TITLE TEST/ALIGNMENT VIDEO CORRECTOR				
			APPROVAL MB 9/92						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES	SIZE B	CODE ID 51336	DRAWING NO. 22708899	REV B	
	TRU/30	.XX +/- .01							
NEXT ASSY	USED ON		.XXX +/- .005	+/- 1/2					
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE 		SHEET 1 OF 1		

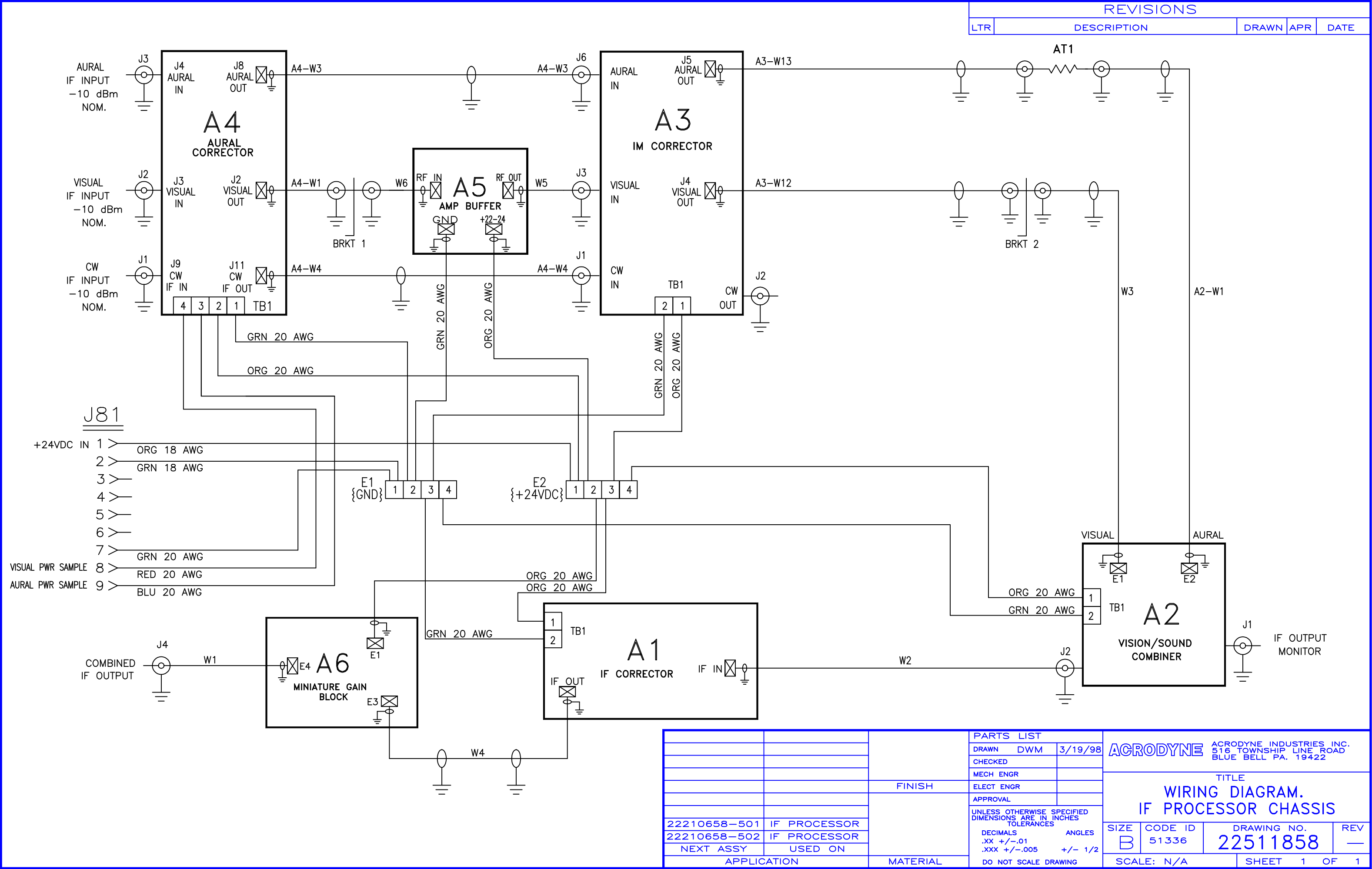
REVISIONS

LTR	DESCRIPTION	DRAWN	APR	DATE
A	CH'D, A2 TO -503 VERSION.	JJC	CSM	6/8/98
B	ADDED -505 & -506 ASSY'S.	KH	MB	02/99
C	ADDED -507 & -508 ASSY'S. 02/15/99	MTS	DM	02/99
D	ADDED -509 ASSEMBLY. 03/05/99	MTS		

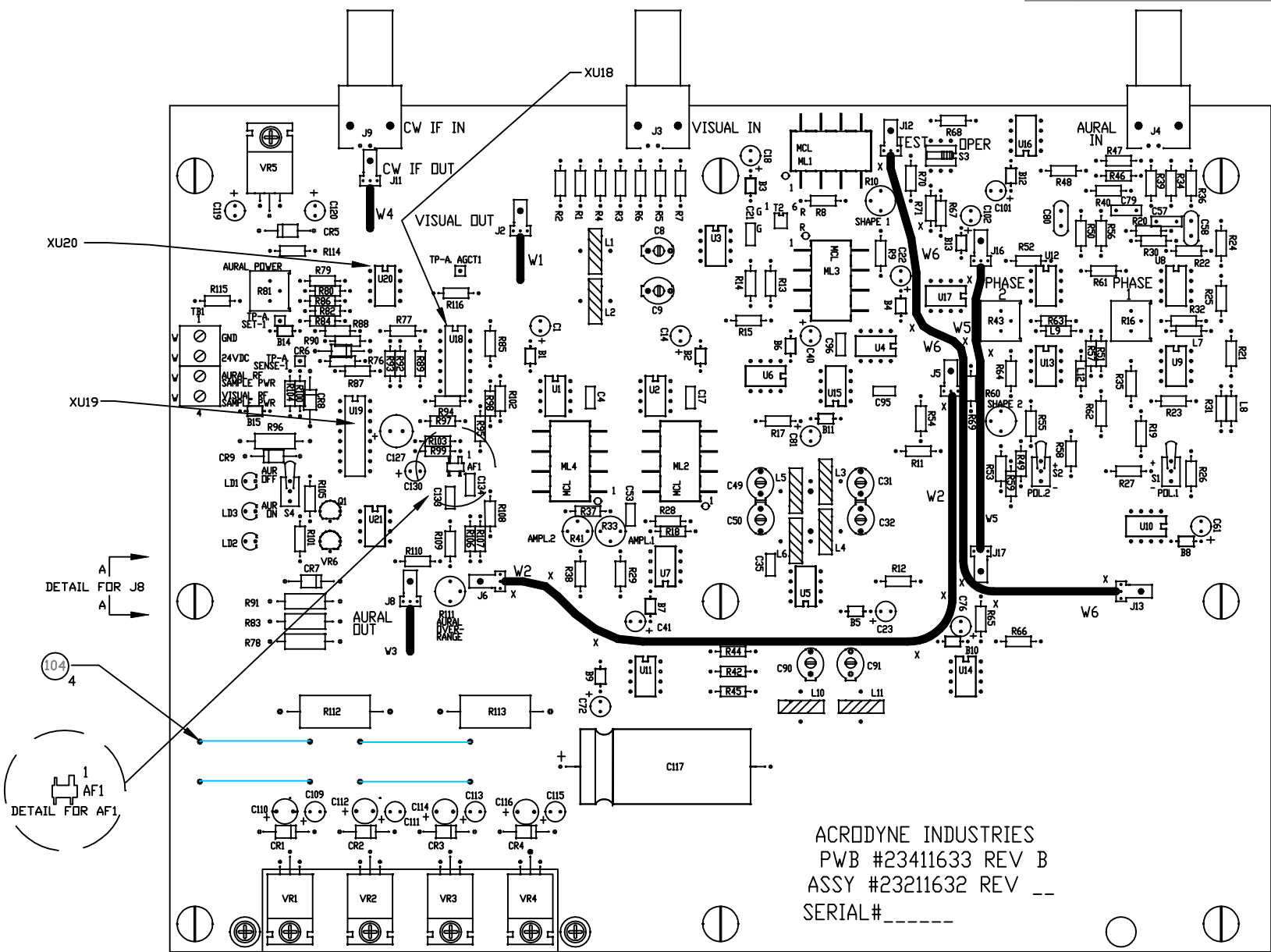


-501,-502,-505,-506,-507,-508,-509

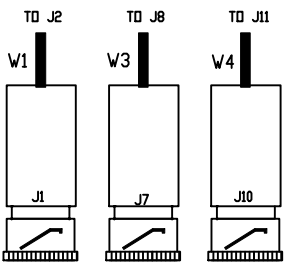
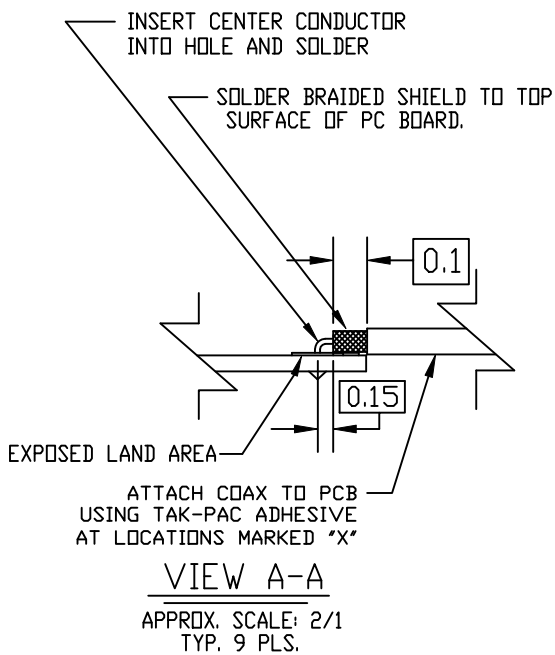
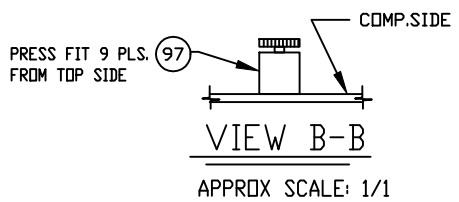
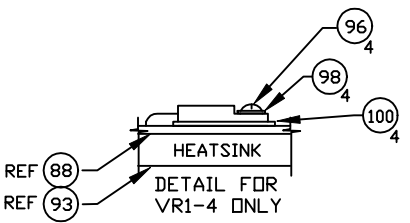
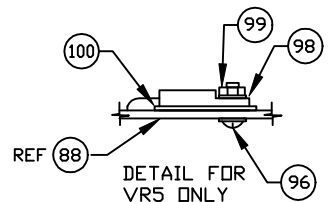
			PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422					
			DRAWN	DWM	3/19/98						
			CHECKED								
			MECH ENGR								
			ELECT ENGR								
		FINISH	APPROVAL			MB	02/99	TITLE ASSEMBLY, INTERMEDIATE FREQ. PROCESSOR CHASSIS			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES								
			DECIMALS								ANGLES
			.XX +/- .01								
			.XXX +/- .005								+/- 1/2
NEXT ASSY	USED ON		DO NOT SCALE DRAWING								
APPLICATION		MATERIAL		SCALE: N/A			SHEET 1 OF 2				



C	W3 WAS 23200165-5-L-41-16	JJC 10/06/98			REVISIONS				
D	ADDED 502	CSM 02/26/99			LTR	DESCRIPTION	DRAWN	APR	DATE
					A	SEE ECN # 3127	WB 5/5/98		
					B	IMPROVED PCB ARTWORK AND PL CORRECTIONS	WB 6/6/98	CM	6/8/98



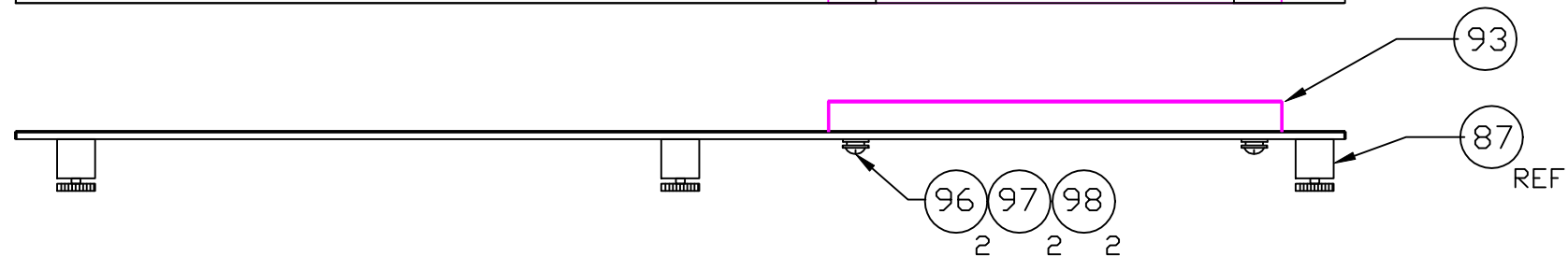
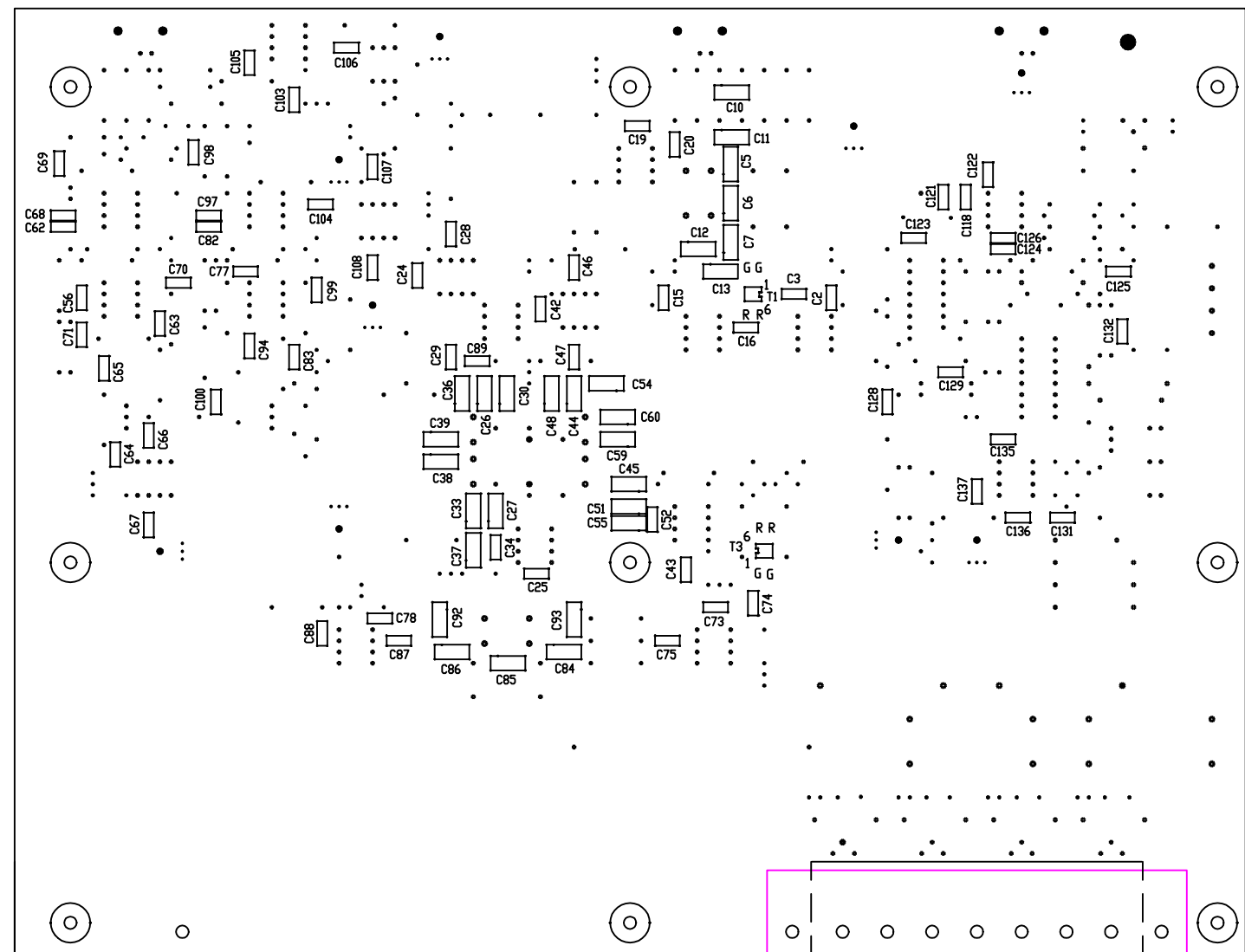
ACRODYNE INDUSTRIES
PWB #23411633 REV B
ASSY #23211632 REV --
SERIAL#-----



- NOTES
1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
 3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
 4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
 5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

			PARTS LIST		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	MMC					12/97
			CHECKED						
			MECH ENGR			TITLE ASSEMBLY: AURAL CORRECTOR PCB			
			ELECT ENGR						
		FINISH	APPROVAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES				
			DECIMALS	ANGLES	SIZE	CODE ID	DRAWING NO.	REV	
			.XX +/- .015		C	51336	23211632	D	
			.XXX +/- .005	+/- 1/2					
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE 1/1		SHEET 3 OF 3		
APPLICATION		MATERIAL							

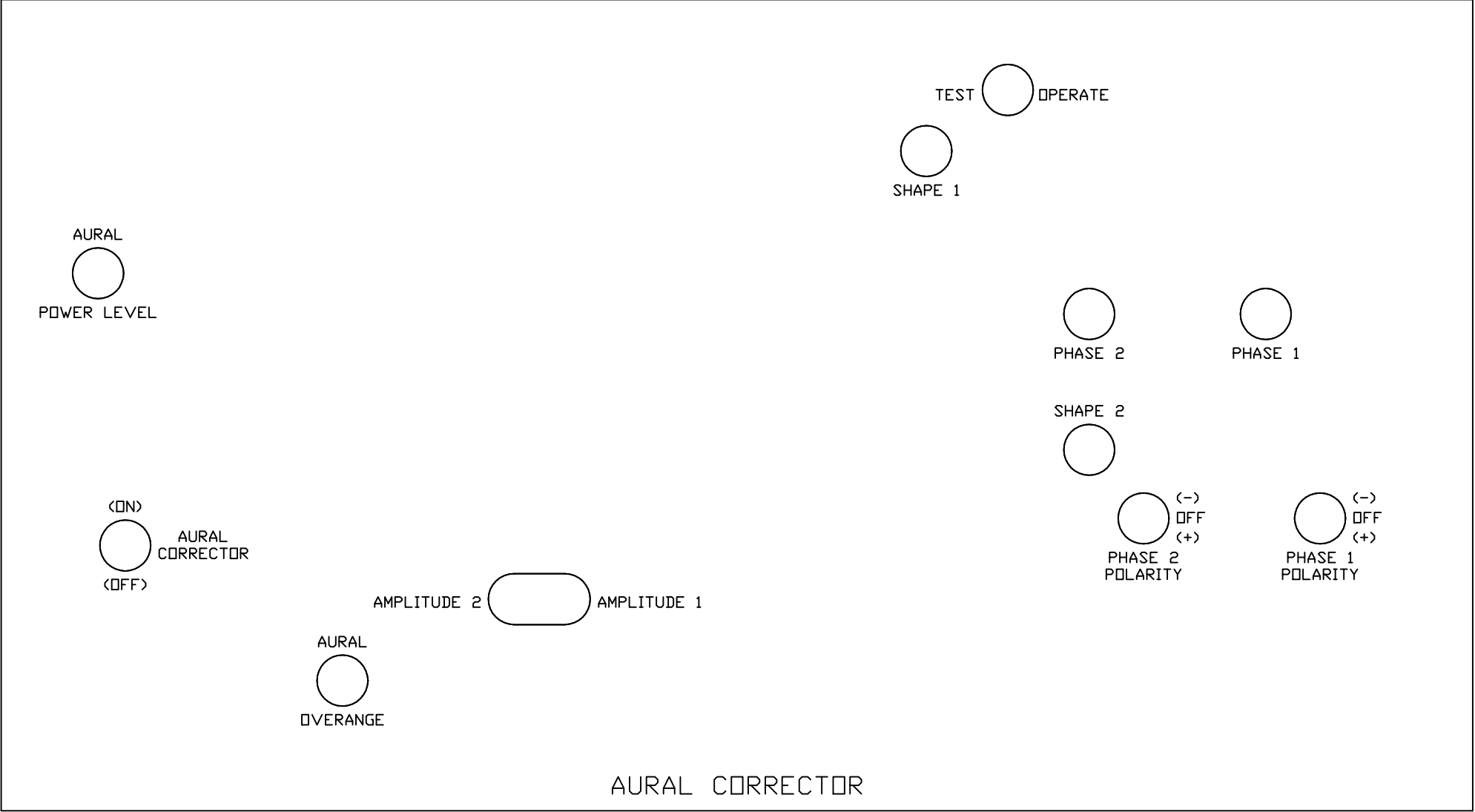
C	W3 WAS 23200165-5-L-41-16	JJC 10/06/98			REVISIONS				
D	ADDED -502	KH 10/13/98			LTR	DESCRIPTION	DRAWN	APR	DATE
					A	SEE ECN # 3127	WB 5/5/98		
					B	IMPROVED PCB ARTWORK AND PL CORRECTIONS	WB 6/6/98	CM	6/8/98



ASSEMBLY BOTTOM

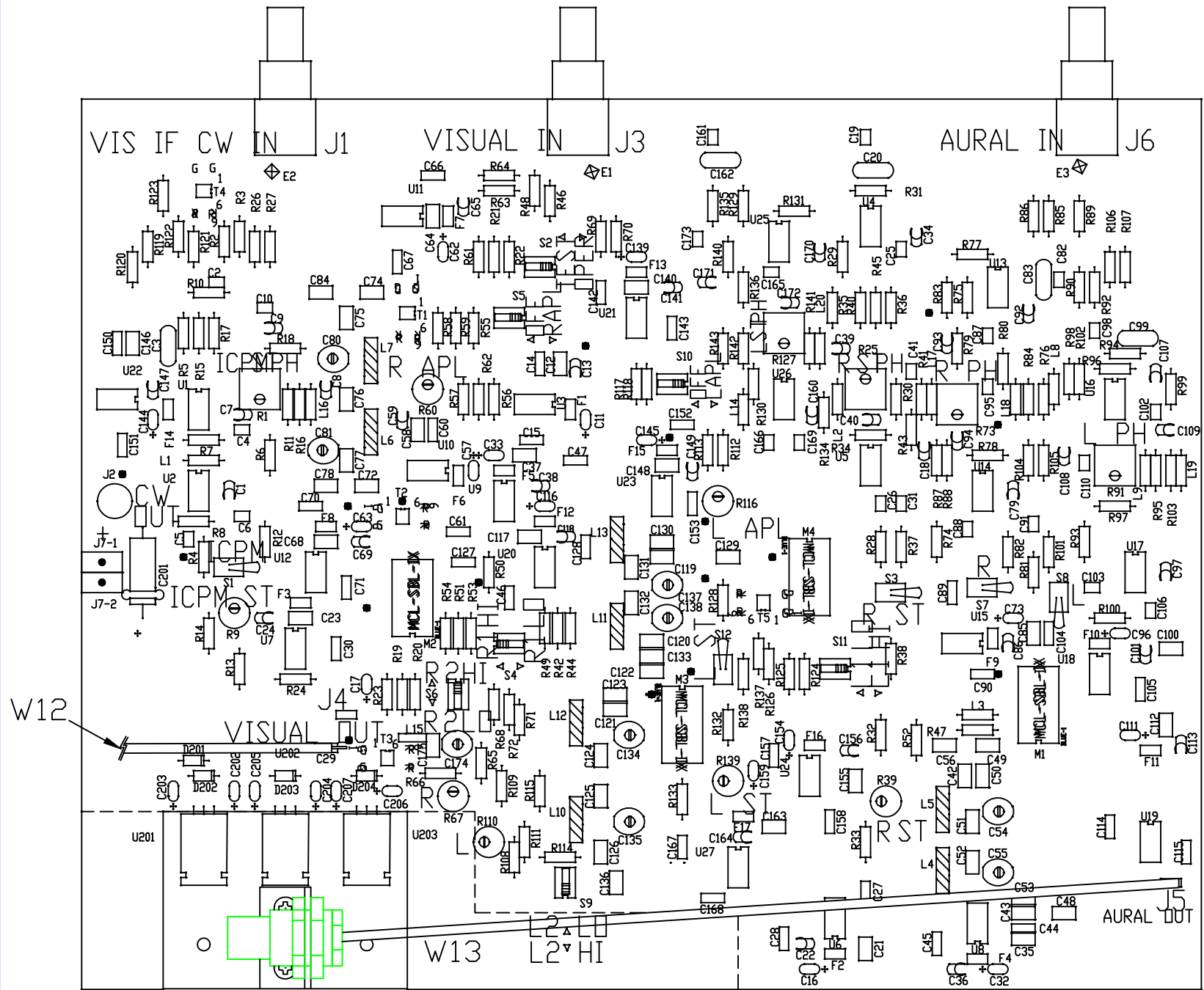
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	MMC					12/97
			CHECKED						
			MECH ENGR						
		FINISH	ELECT ENGR		TITLE ASSEMBLY: AURAL CORRECTOR PCB				
			APPROVAL						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES					
			.XX +/- .015						
			.XXX +/- .005	+/- 1/2					
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			SIZE	CODE ID	DRAWING NO.	REV
						C	51336	23211632	D
APPLICATION		MATERIAL				SCALE 1/1		SHEET 2 OF 3	

REVISIONS			
LTR	DESCRIPTION	DRAWN	APR DATE

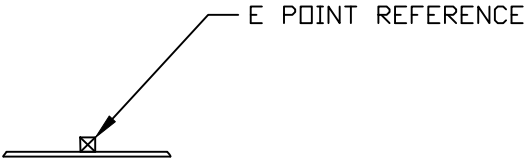


			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	MTS	05/98	TITLE: ADJUSTMENTS: AURAL CORRECTOR BOARD			
			CHECKED						
			MECH ENGR						
			FINISH	ELECT ENGR		SIZECODE IDDRAWING NO.REV A5133621712091			
			APPROVAL						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES					
			.XX +/- .01						
22211856	98129		.XXX +/- .005		+/- 1/2				
NEXT ASSY	USED ON								
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE		SHEET 1 OF 1		

REVISIONS				
F	SEE ECN # 3240	CP		
G	PL CHANGES SEE ECN 3341	JJC		
SEE VOIDED REV. E FOR PRIOR REVISIONS				



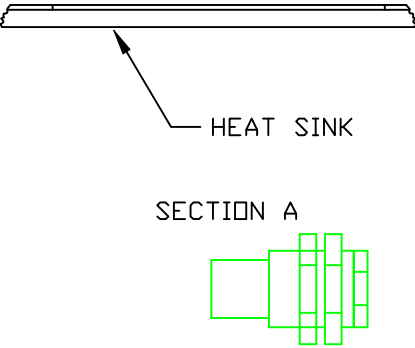
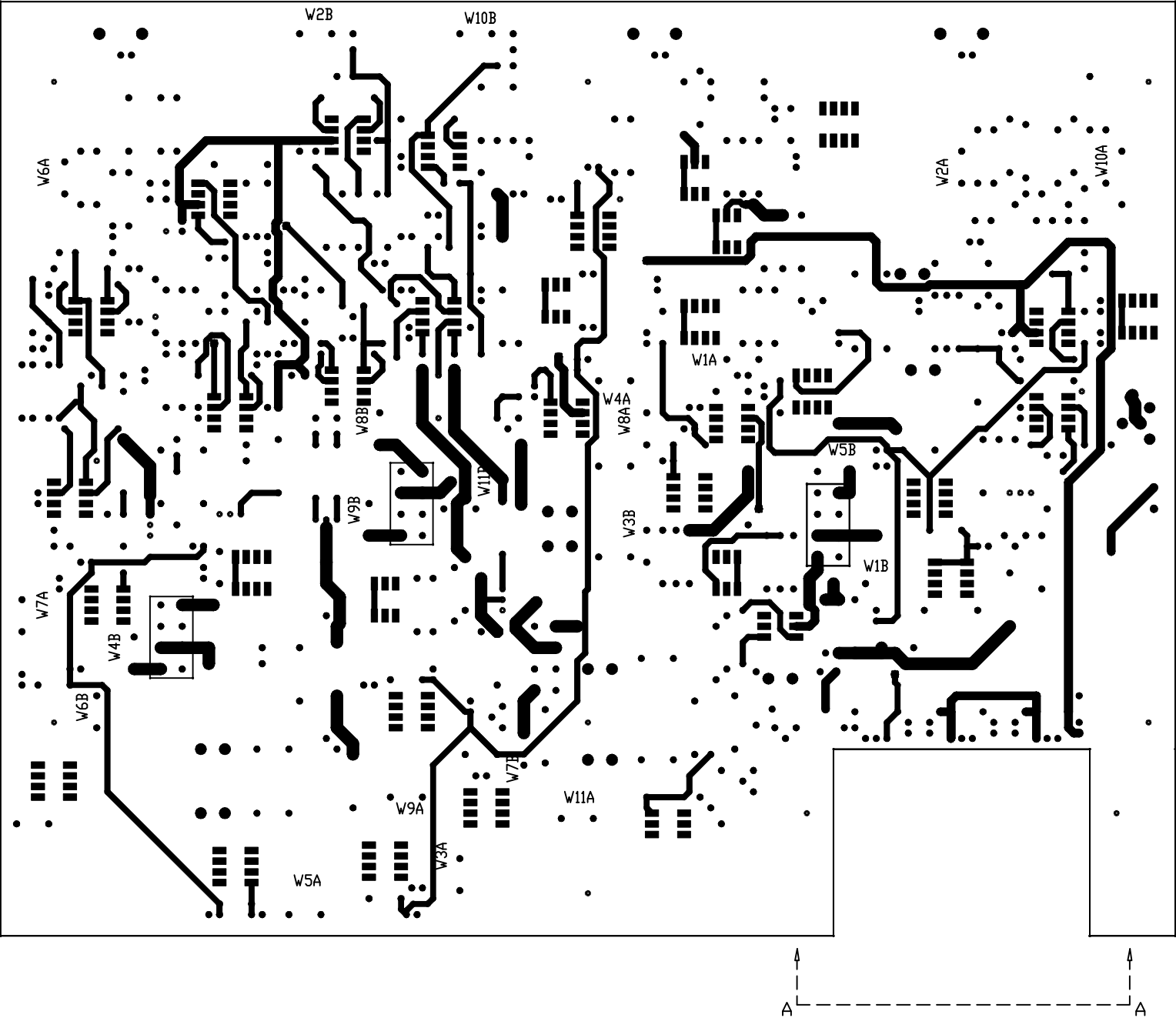
NOTE: MOUNT E1-3 VERTICALLY,
ONE END AT THE PAD IDENTIFIED
ON THE BOARD.



ASSEMBLY TOP

		PARTS LIST		ACRODYNE INDUSTRIES INC. 316 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422	
		SCHEMATIC 24510587	DRAWN MMC 9/12/96 CHECKED BROOKES 10/30/96 MECH ENGR	TITLE PCB ASSEMBLY IM PLUS STATIC ICPM	
		FINISH	ELECT ENGR		
		.125 THK ALUMINUM 5052-H32	APPROVAL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX +/- .01 .XXX +/- .005 +/- 1/2	SIZE CODE ID C 51336	DRAWING NO. 23210602
22210658		NEXT ASSY USED ON	DO NOT SCALE DRAWING	SCALE	SHEET 1 OF 2
APPLICATION		MATERIAL			

REVISIONS				
F	SEE ECN # 3240	CP		
G	PL CHANGES SEE ECN 3341	JJC		
		8/17/99		
SEE VOIDED REV. E FOR PRIOR REVISIONS				

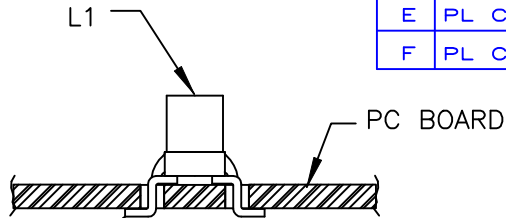


ASSEMBLY BOTTOM

		PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		SCHEMATIC	DRAWN MMC 9/12/96		
		24510587	CHECKED BROOKES 10/30/96		
			MECH ENGR		
		FINISH	ELECT ENGR	TITLE PCB ASSEMBLY IM PLUS STATIC ICPM	
			APPROVAL		
		.125 THK ALUMINUM	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		
		5052-H32	DECIMALS ANGLES .XX +/- .01 .XXX +/- .005 +/- 1/2	SIZE CODE ID	DRAWING NO. REV
22210658			DO NOT SCALE DRAWING	C 51336	23210602 g
NEXT ASSY	USED ON	MATERIAL		SCALE	SHEET 2 OF 2
APPLICATION					

REVISIONS

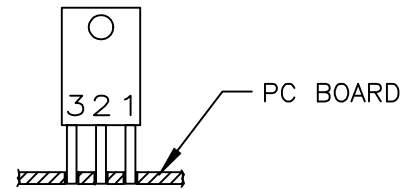
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -502 - 2/25/97	CMI	MB	3/97
B	ECN 2824: J1 ON -501 ONLY-4/97	hcc	MB	4/97
C	ECN 3100, UPGRADE TO ACAD-5/98	hcc	MB	05/98
D	ADDED -503 ASSEMBLY VERSION. 06/98	MTS	MB	06/98
E	PL CHANGES 12/21/98	JJC	DM	12/21/98
F	PL CHANGES, SEE ECN 3321/42	JJC 3/18/99		



#22 AWG BUSS WIRE MUST BE SOLDERED TO THE SOLDER-SIDE PADS AND THE WIRE BOUGHT UP THROUGH THE HOLES SO THAT L1 AND L2 CAN BE SOLDERED TO IT. 12 PLACES ON REV. - BOARDS ONLY

SECTION A-A

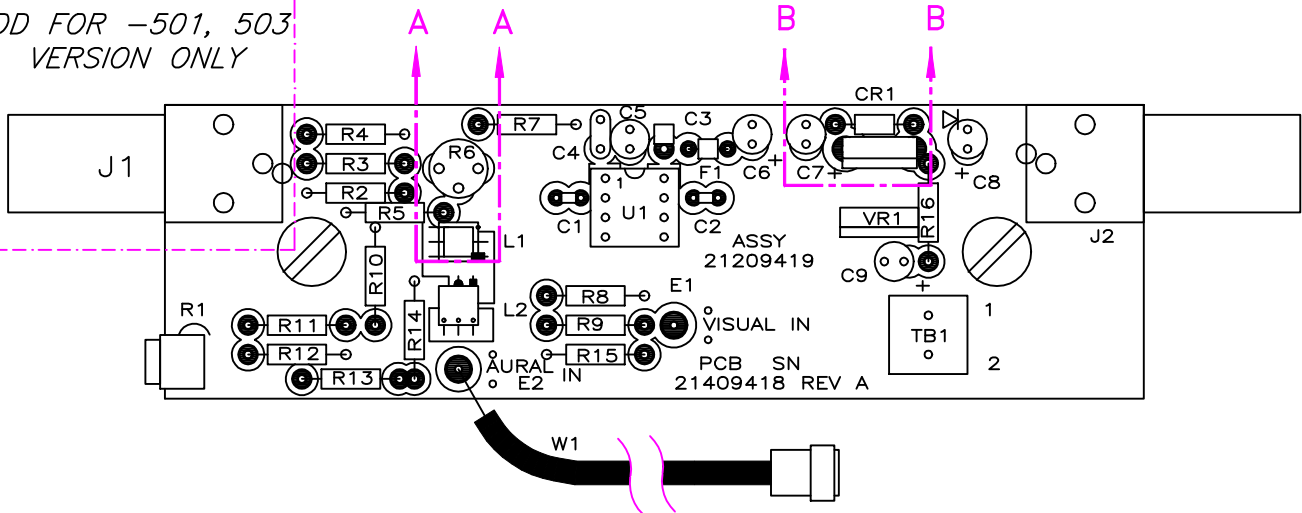
ENLARGED FOR DETAIL
USE ON REV. - BOARDS ONLY



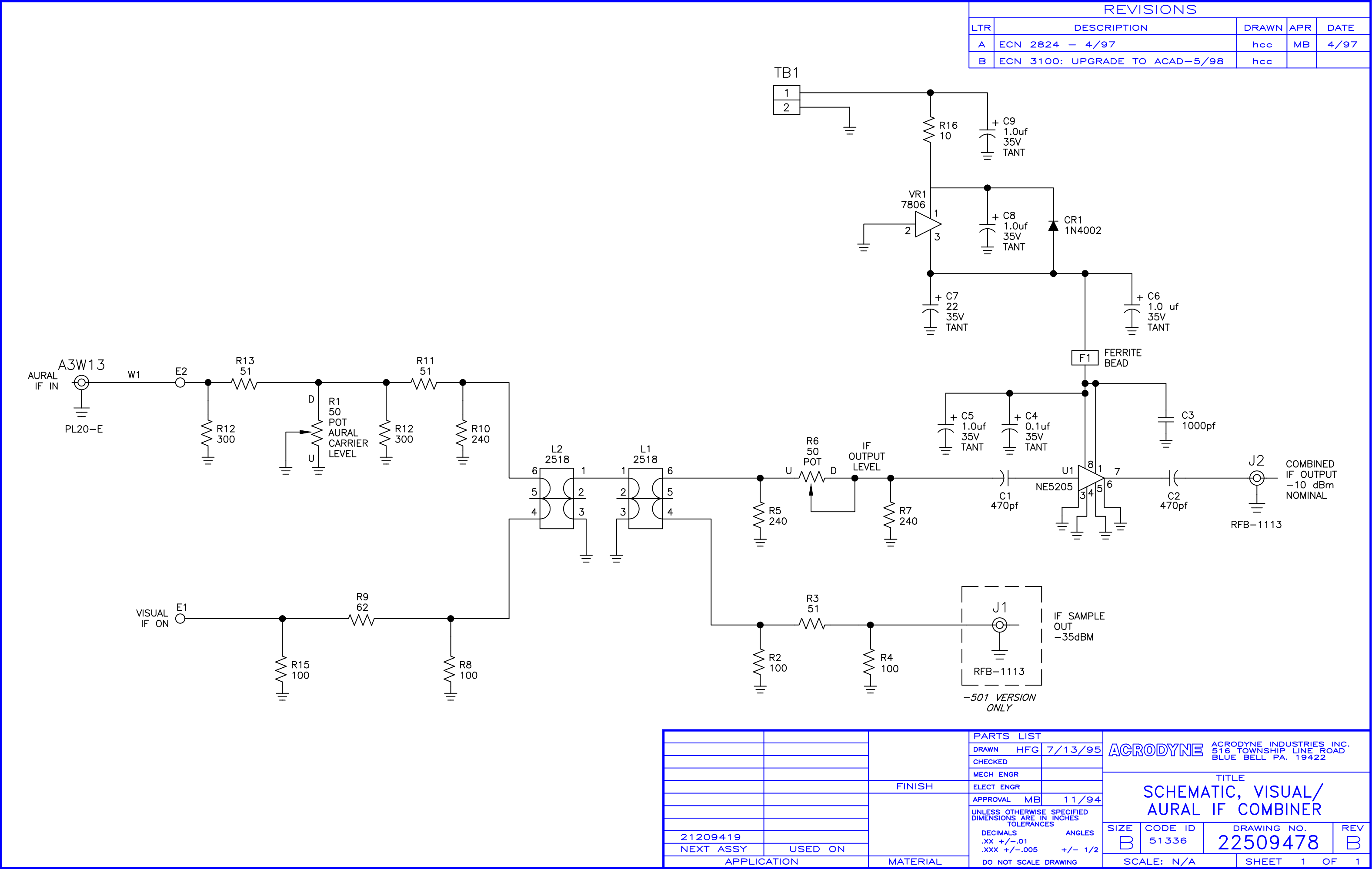
VR1 STANDS UP OFF THE PC BOARD

SECTION B-B

ADD FOR -501, 503
VERSION ONLY

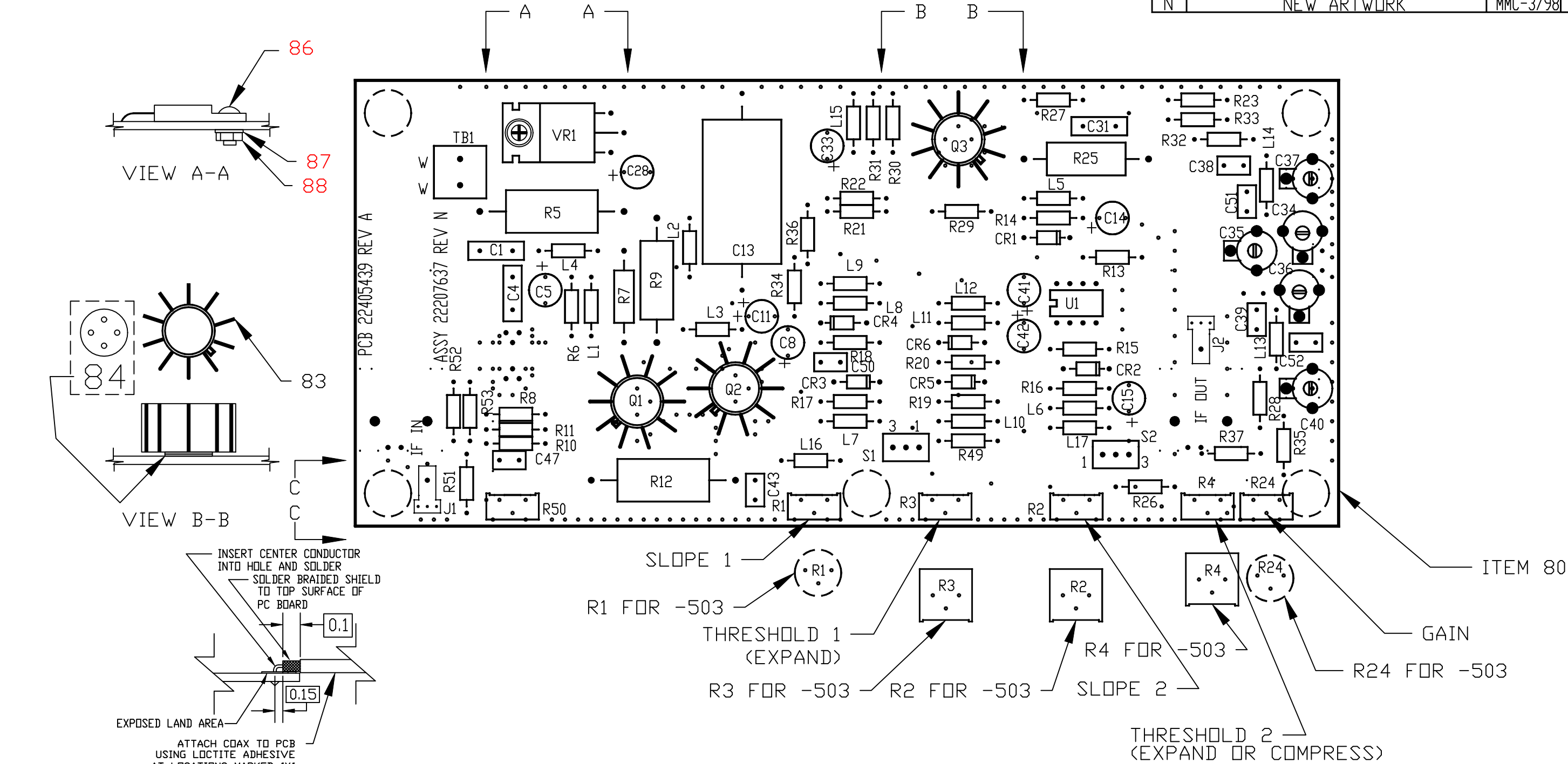


		FINISH	PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN hcc 7/95					
			CHECKED BROOKES 8/95					
			MECH ENGR					
			ELECT ENGR					
			APPROVAL MB 8/95					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		ASSEMBLY, VISUAL/ AURAL PC BOARD			
			DECIMALS ANGLES					
			.XX +/--.01					
			.XXX +/--.005 +/- 1/2					
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SIZE A	CODE ID 51336	DRAWING NO. 21209419	REV F
APPLICATION		MATERIAL			SCALE: N/A		SHEET 1 OF 1	



			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	HFG 7/13/95				
			CHECKED		TITLE			
			MECH ENGR					
		FINISH	ELECT ENGR		SCHEMATIC, VISUAL/ AURAL IF COMBINER			
			APPROVAL MB	11/94				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SIZE	CODE ID	DRAWING NO.	REV
21209419			DECIMALS	ANGLES	B	51336	22509478	B
NEXT ASSY	USED ON		.XX +/- .01					
			.XXX +/- .005	+/- 1/2				
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE: N/A		SHEET 1 OF 1	

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
N	NEW ARTWORK	MMC-3/98		



NOTES

1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

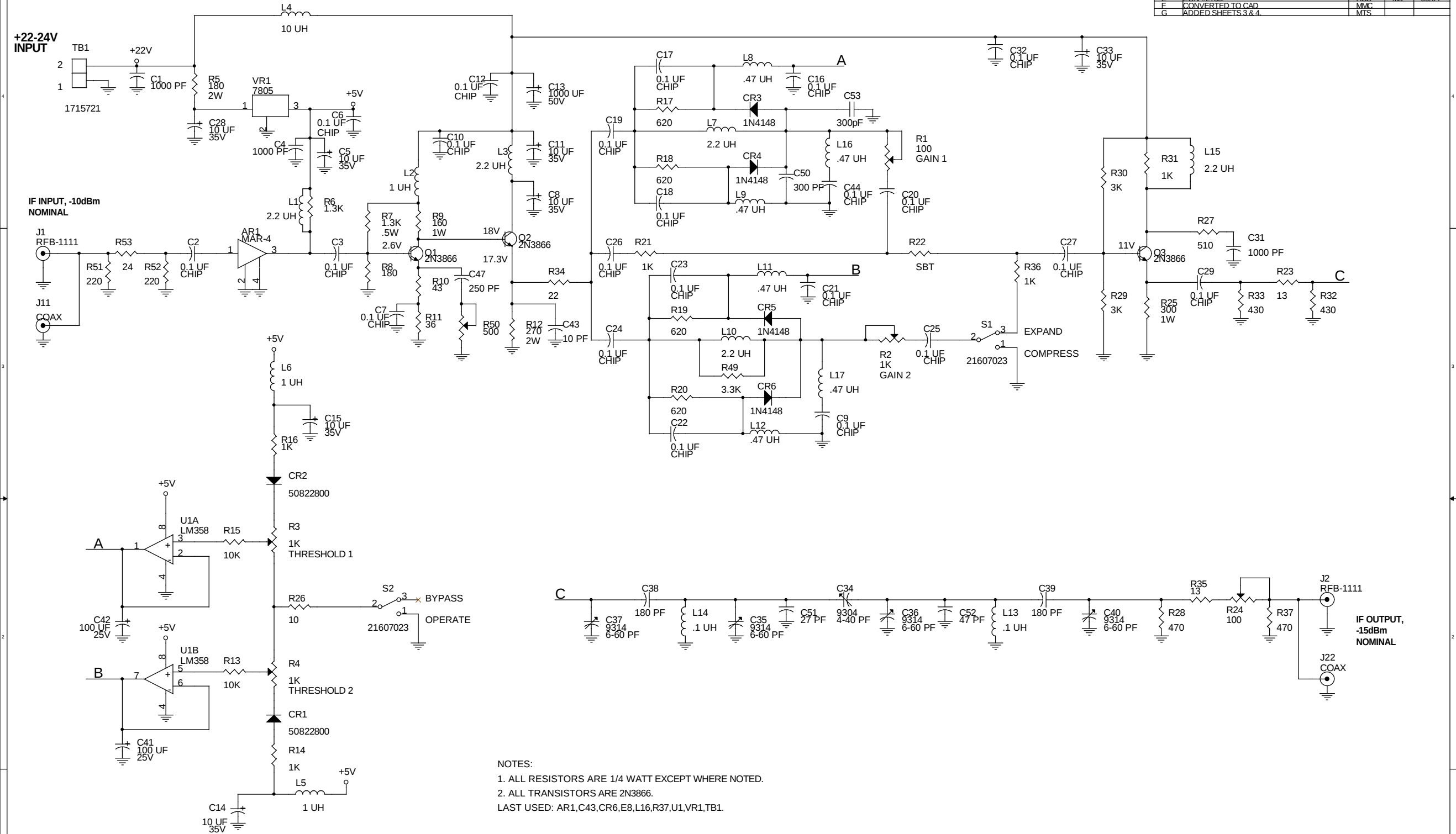
COMPONENT SIDE

-501, -503

		PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA 19422			
		DRAWN	MMC	2/98				
		CHECKED			TITLE ASSEMBLY; IF PRECORRECTOR PCB			
		MECH ENGR						
		ELEC ENGR						
		APPROVAL						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE	CODE ID	DRAWING NUMBER	REV
NEXT ASSY	USED ON	DECIMALS .XX +/- .015 TOLERANCES .XXX +/- .005 ANGLES +/- 1/2 DO NOT SCALE DRAWING			B	51336	22207637	N
APPLICATION					SCALE	1 : 1	SHEET 1	OF 3

ACRODYNE INDUSTRIES, INC.
516 TOWNSHIP LINE ROAD
BLUE BELL, PA 19422

TR	DESCRIPTION	DRAWN	APPR	DATE
A	ECN #2236 & 2246	CSM	MB	03/31/93
B	ECN #2276	JKC	MB	07/93
C	ECN #2303	SGM	MB	06/93
D	ECN #2394	STJ	MB	09/94
E	ECN #2750	JCC	MB	09/94
F	CONVERTED TO CAD	MMC		
G	ADDED SHEETS 3 & 4	MTS		

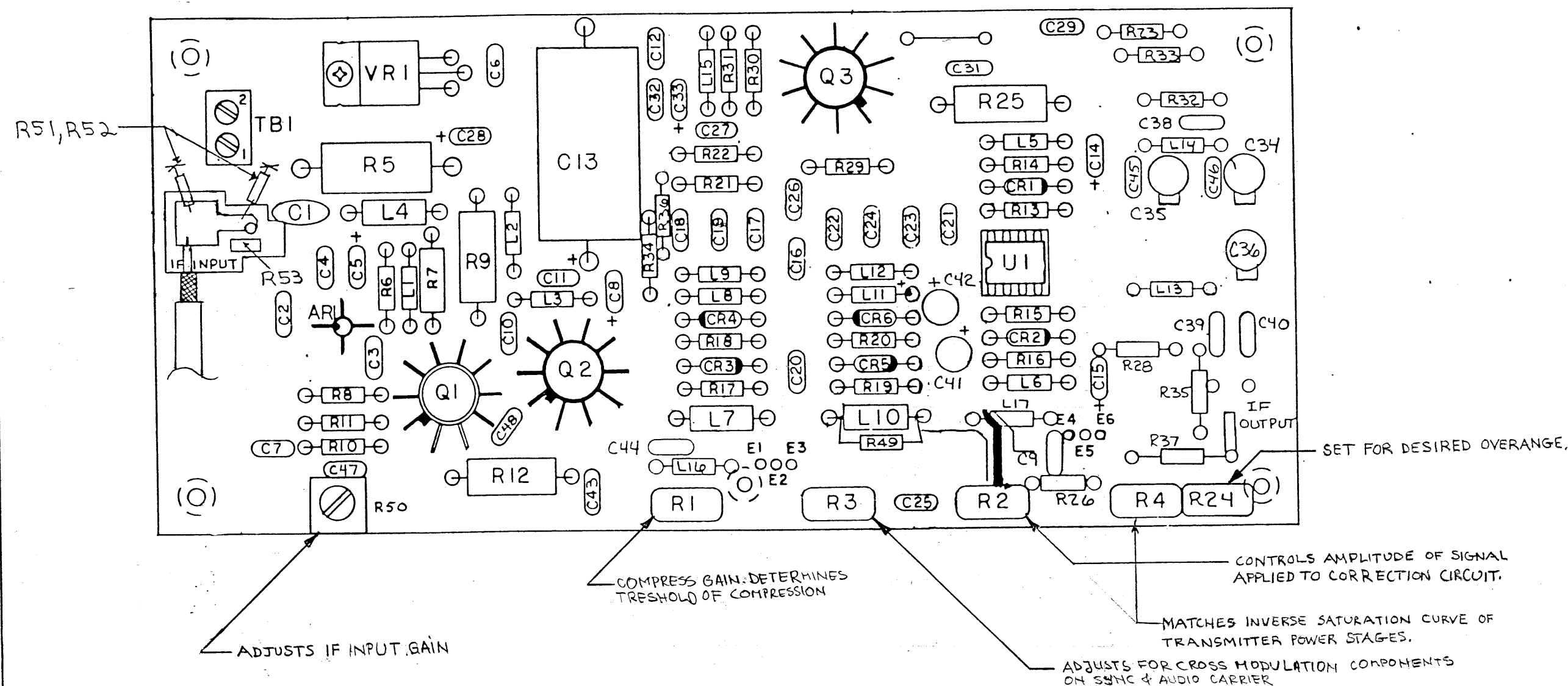


NOTES:
1. ALL RESISTORS ARE 1/4 WATT EXCEPT WHERE NOTED.
2. ALL TRANSISTORS ARE 2N3866.
LAST USED: AR1,C43,CR6,E8,L16,R37,U1,VR1,TB1.

-501,
-503

DRAWN: CSM DATE: 10/19/92 CHECKED: MB DATE: 11/02/92 APPROVED: TH DATE: 11/02/92 ASSY: 22207637	ACRODYNE INDUSTRIES, INC 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2792 TEL 215-542-7000 FAX 215-540-5837 Title: SCHEMATIC: IF PRECORRECTOR Size: C Document Number: 23507636 Date: Wednesday, February 10, 1999 Sheet 1 of 4
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REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
A	ECN # 275 0	1/22/97	C041	VS 1-97

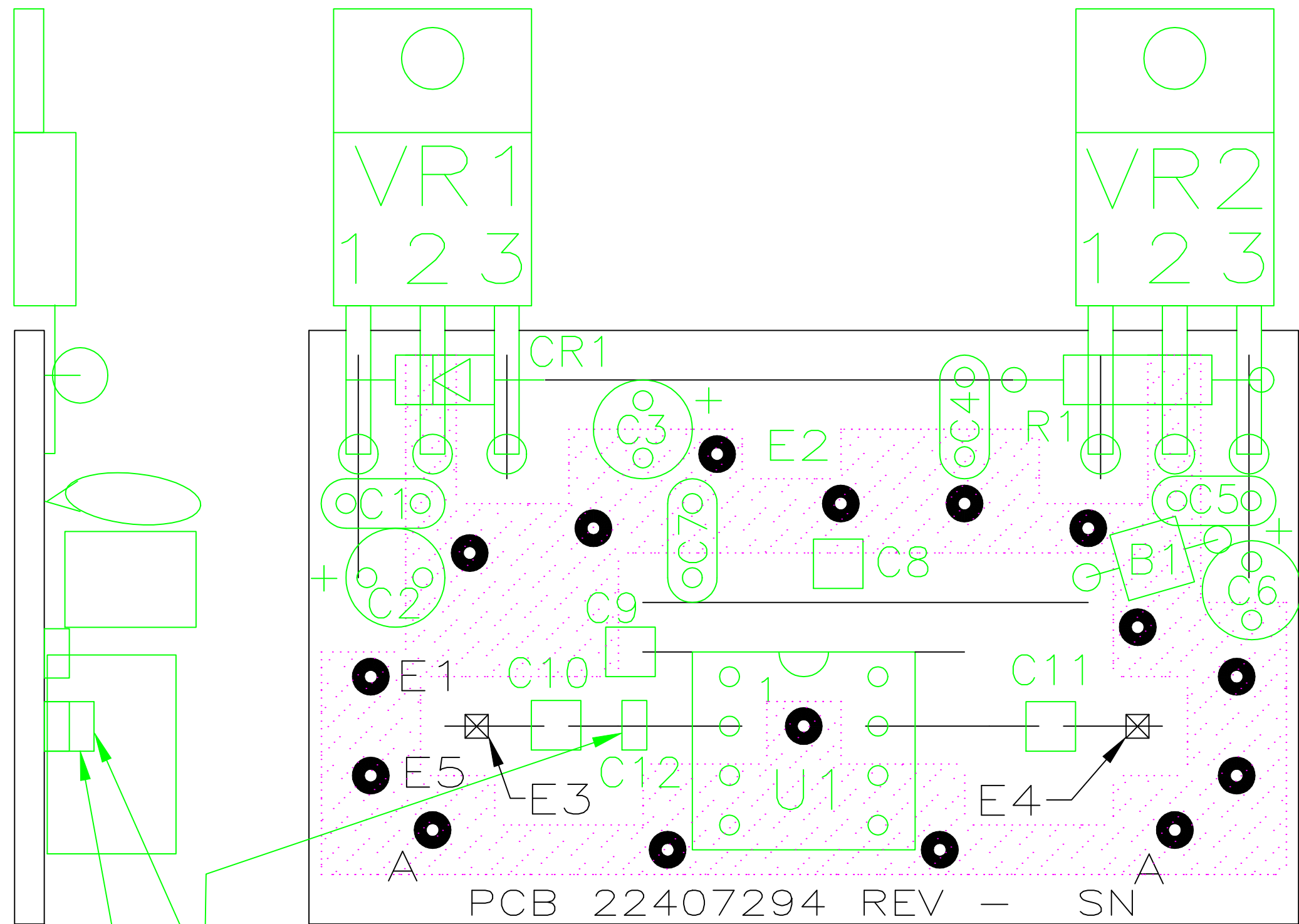


SCHEMATIC: 23507636

			PARTS LIST 23207637		ACRODYNE INDUSTRIES		Acrodyne Industries, Inc. 516 Township Line Road Blue Bell, Pennsylvania 19422	
			DRAWN M. STORNS 9/95		TITLE		TEST/ALIGNMENT	
		FINISH	CHECKED		MECH ENGR		ELEC ENGR	
			APPROVAL 9-95		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		REV	
					SIZE		CODE IDENT	
23205520 GENERAL					C		51336	
					22709666		A	

ACRODYNE INDUSTRIES

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 3021 & UPGRADE DWG,BOM-2/98	hcc	MB	02/98
B	ECN 3093: ADDED C12 & E6. 03/98	MTS		



C12 IS TO BE MOUNTED VERTICALLY WITH ONE CONTACT SOLDERED TO THE PAD. THE END OF C12 THAT PROTRUDES UP WILL BE E6.

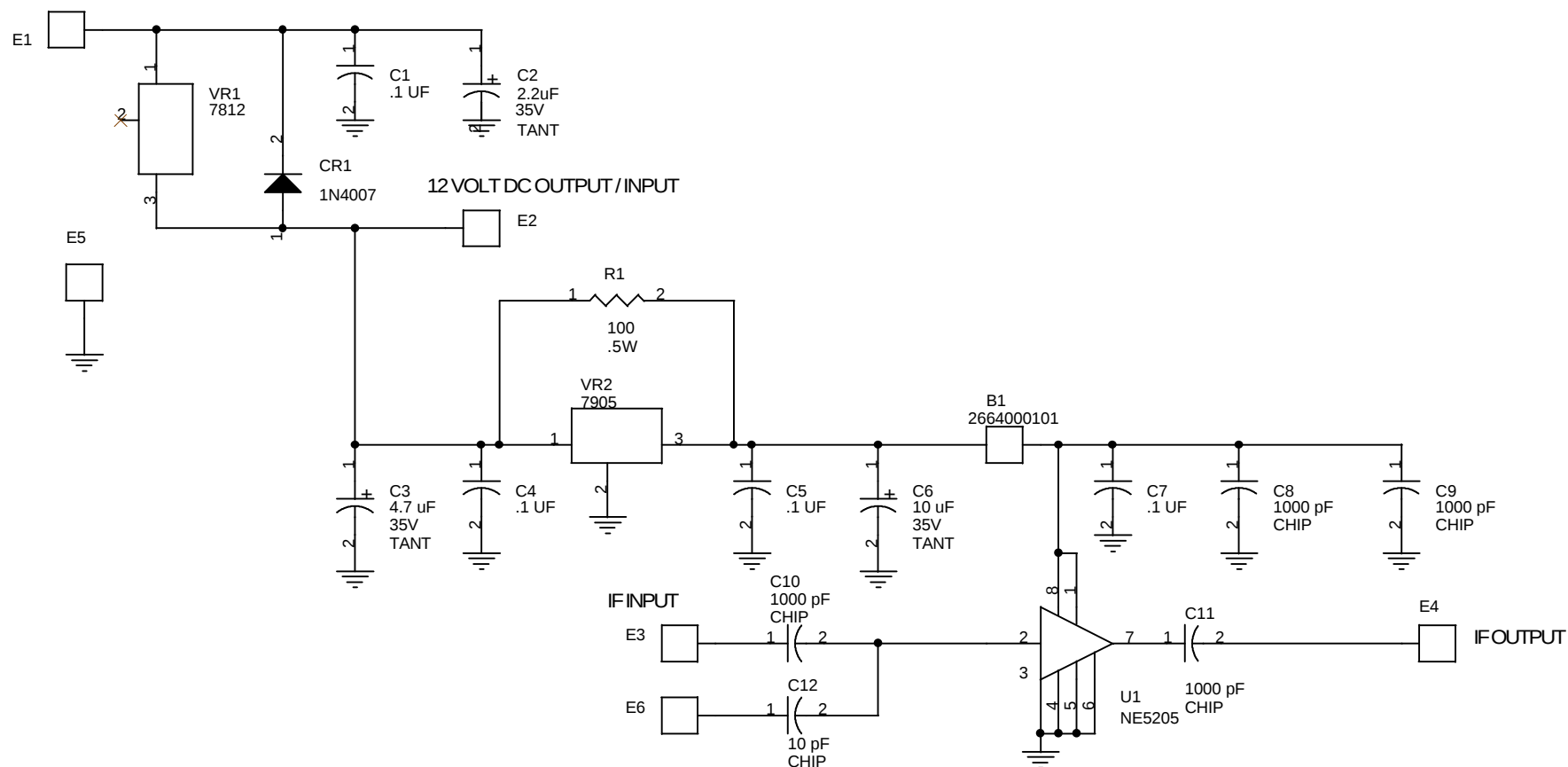
E6 IS THE TOP OF C12

C12

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN CSM	6/92				
			CHECKED					
			MECH ENGR					
		FINISH	ELECT ENGR		TITLE ASSEMBLY, MINIATURE GAIN BLOCK PCB			
			APPROVAL MB	3/96				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
			DECIMALS ANGLES					
			.XX +/--.01					
			.XXX +/--.005	+/- 1/2	SIZE B	CODE ID 51336	DRAWING NO. 22207295	REV B
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE: AS NOTED		SHEET 1 OF 1	
APPLICATION		MATERIAL						

ECN	REV	DESCRIPTION	APPROVED DATE		
	A	ADDED GROUNDING TERMINAL E5. M.C. 02/96		M.B.	02/96
3093	B	ADDED C12 & E6. MTS 03/98			

15 - 28 VOLT INPUT 50mA



NOTE

1) E1,VR1,C1,C2,CR1 ARE NOT USED FOR 12 VOLT INPUT VERSION

DRAWN: MC 01/96
CHECKED: J.B. 01/96
APPROVED: J.B. 01/96

ACRODYNE INDUSTRIES INC
516 TOWNSHIP LINE RD
BLUE BELL, PA 19422-2797
TEL 215-542-7000 FAX 215-540-5837

SCHEMATIC MINIATURE GAIN BLOCK

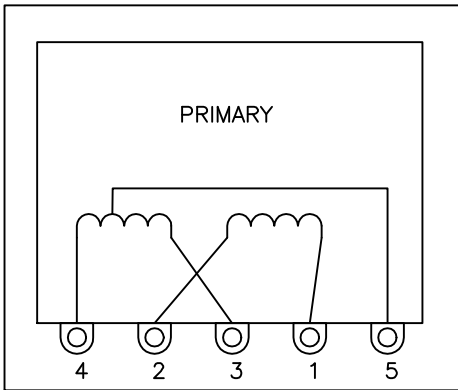
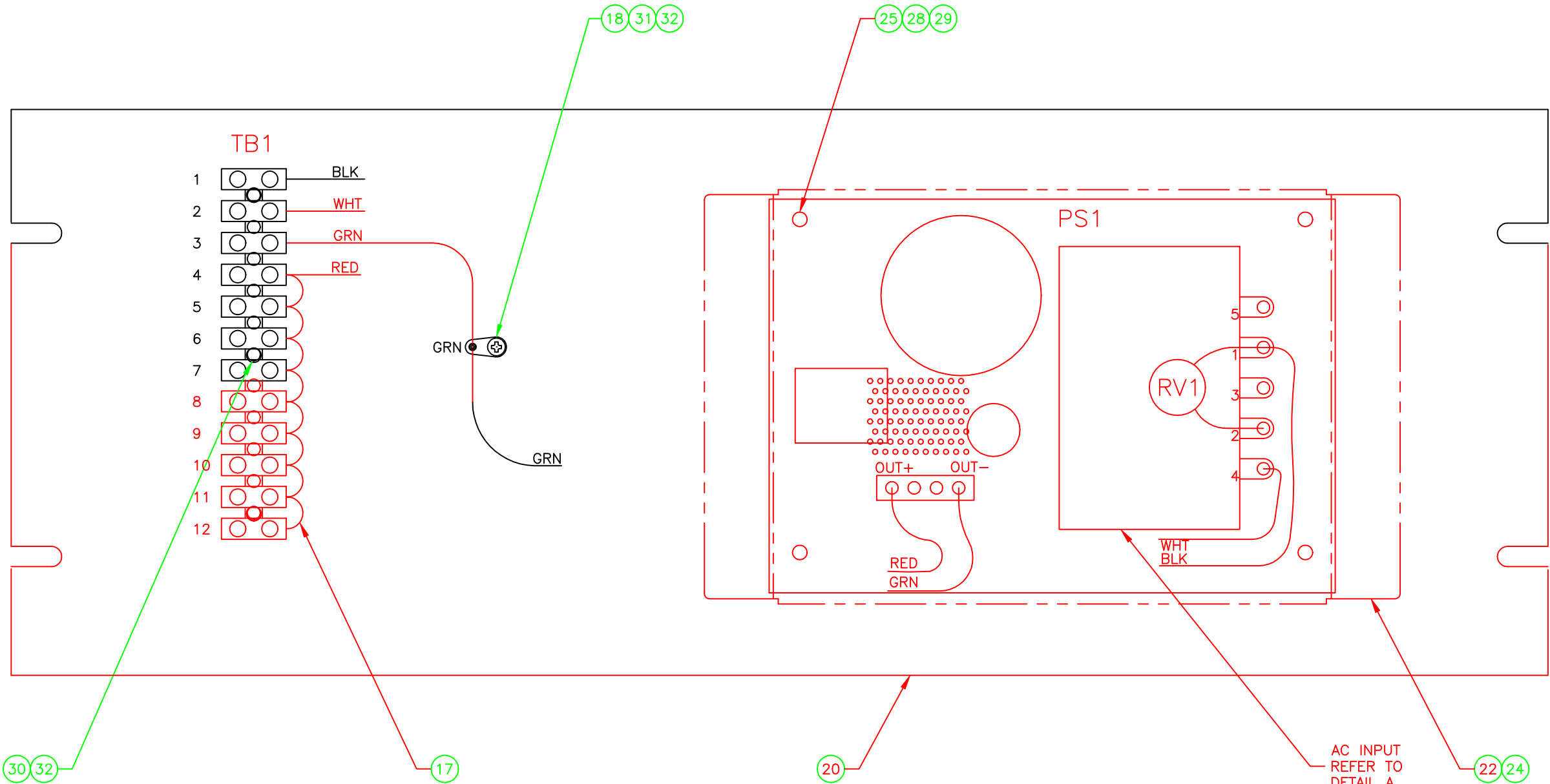
NEXT ASSY: 22207295

Size A	CAGE Code 51336	DWG NO 22507221	Rev B
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Thursday, April 02, 1998

Scale	Sheet 1 of 1
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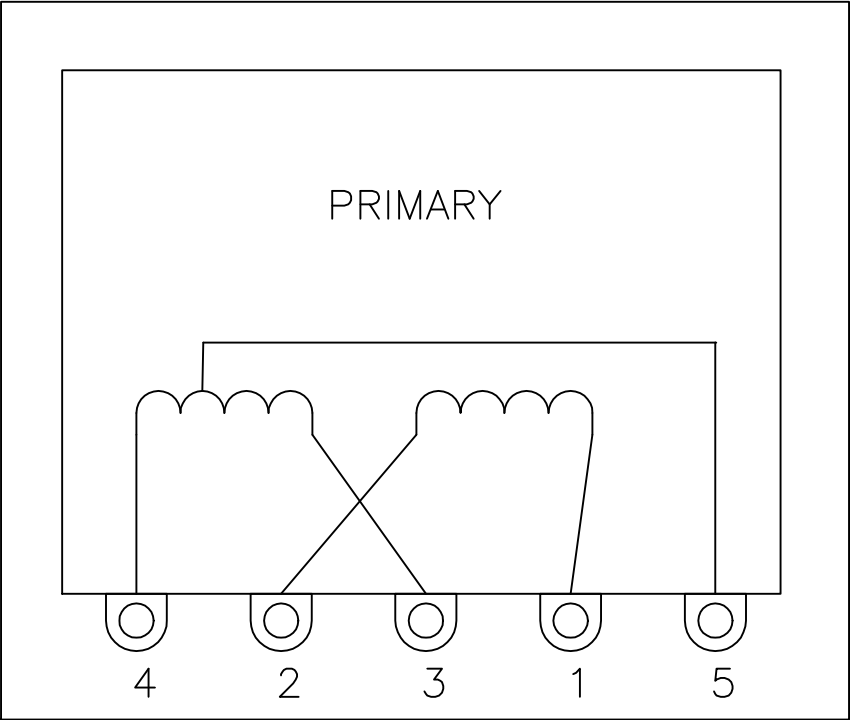
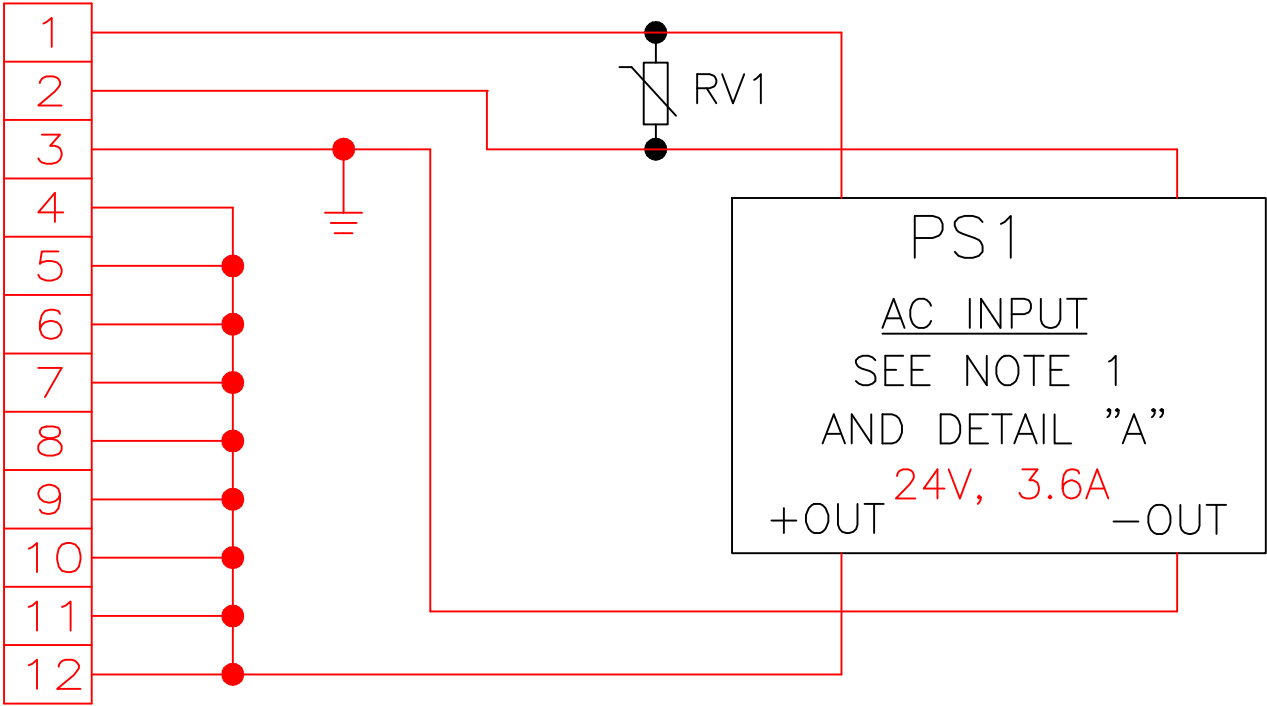
REVISIONS			
LTR	DESCRIPTION	DRAWN	APPROVED
A	SEE ECN 2053	4/8/92	
B	ADDED ITEMS 10,11 & 12	HFG 10/11/95	
C	ADDED # CORRECTION #12	MTS 11/16/96	
D	ADDED POWER SUPPLY COVER	MC 5/3/96	
E	ADDED -02, CHANGED TITLE	CM 8/1/96	CM 7/17/96
F	ADDED -503 & -504, GENERAL REVISION	HFG 12/15/97	MB 2/6/98
G	ADDED -505 & -506, SEE ECN 3087, REDRAWN ON CAD	HFG 5/13/98	



AC INPUT, 47 - 63 Hz				
FOR USE AT		120 VAC	220 VAC	
JUMPER		1 & 3 2 & 4	2 & 3	
APPLY AC		4 & 1	1 & 5	
VERSION USE		-502		

		SCHEMATIC 22506426 SHEET 2	PARTS LIST		AGRODYNE INDUSTRIES INC. 816 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422
			DRAWN	HFG 5/13/98	
			CHECKED		
			MECH ENGR		
			ELECT ENGR		
			APPROVAL		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		
			DECIMALS	ANGLES	
			.XX +/- .01	+/- 1/2	
			.XXX +/- .005		
			DO NOT SCALE DRAWING		
2	T		SIZE	CODE ID	DRAWING NO.
NEXT ASSY	USED ON		C	51336	23206425
APPLICATION			SCALE		SHEET 2 OF 3

REVISIONS			
LTR	DESCRIPTION	DRAWN	APPROVED
A	SEE ECN #2053	REG 4/92	TPH 4/8/92
B	ADD C1 - C7	HFG 10/11/95	MB 10/11/95
C	ADDED -502	CMI 5/1/96	CM 5/96
D	ADDED -503, -504 & DETAIL A	WB 9/27/97	MB 2/98
E	SEE ECN #3087, REDRAWN ON CAD, ADD -505 & -506	HFG 5/20/98	



DETAIL A
WIRING VIEW (PS1)

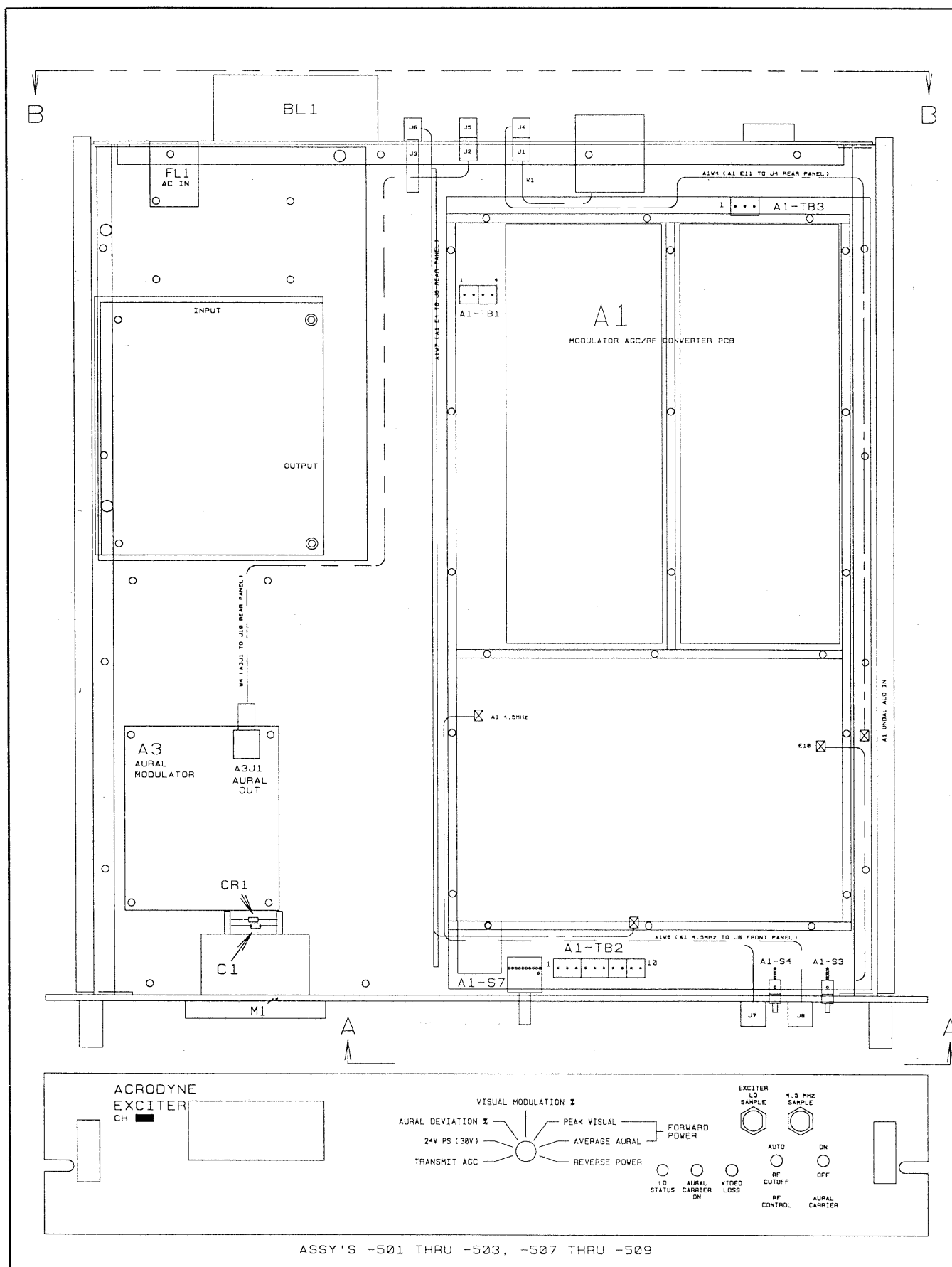
NOTES:

1.

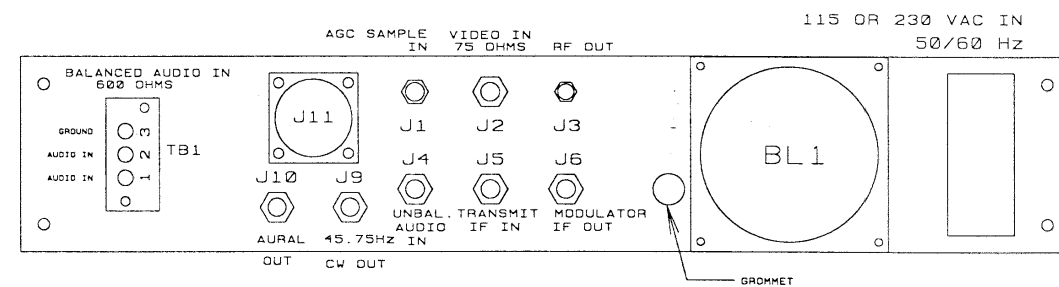
AC INPUT, 47 - 63 Hz				
FOR USE AT		120 VAC	220 VAC	
JUMPER		1 & 3 2 & 4	2 & 3	
APPLY AC		4 & 1	1 & 5	
VERSION USE		-502	—	

-502

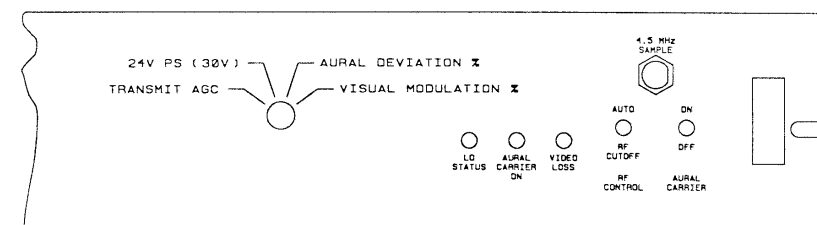
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	T.NEAL 6/10/91				
			CHECKED	W.B. 6/11/91				
			MECH ENGR					
			ELECT ENGR					
		FINISH			TITLE			
			APPROVAL T.HULICK 8/14/91		SCHEMATIC, 12V/24V POWER SUPPLY PANEL WIRING			
23206425-02			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
23206425-02	AU120D		DECIMALS ANGLES					
	TRL/5KA		.XX +/- .01					
NEXT ASSY	USED ON		.XXX +/- .005 +/- 1/2					
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SIZE	CODE ID	DRAWING NO.	REV
					B	51336	22506426	E
					SCALE 		SHEET 2 OF 3	



REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 2933 & 2935 - BOM CHANGES - 9/97	hcc	MB	9/97
B	ADDED -05 FRONT PANEL - 5/5/99	hcc		



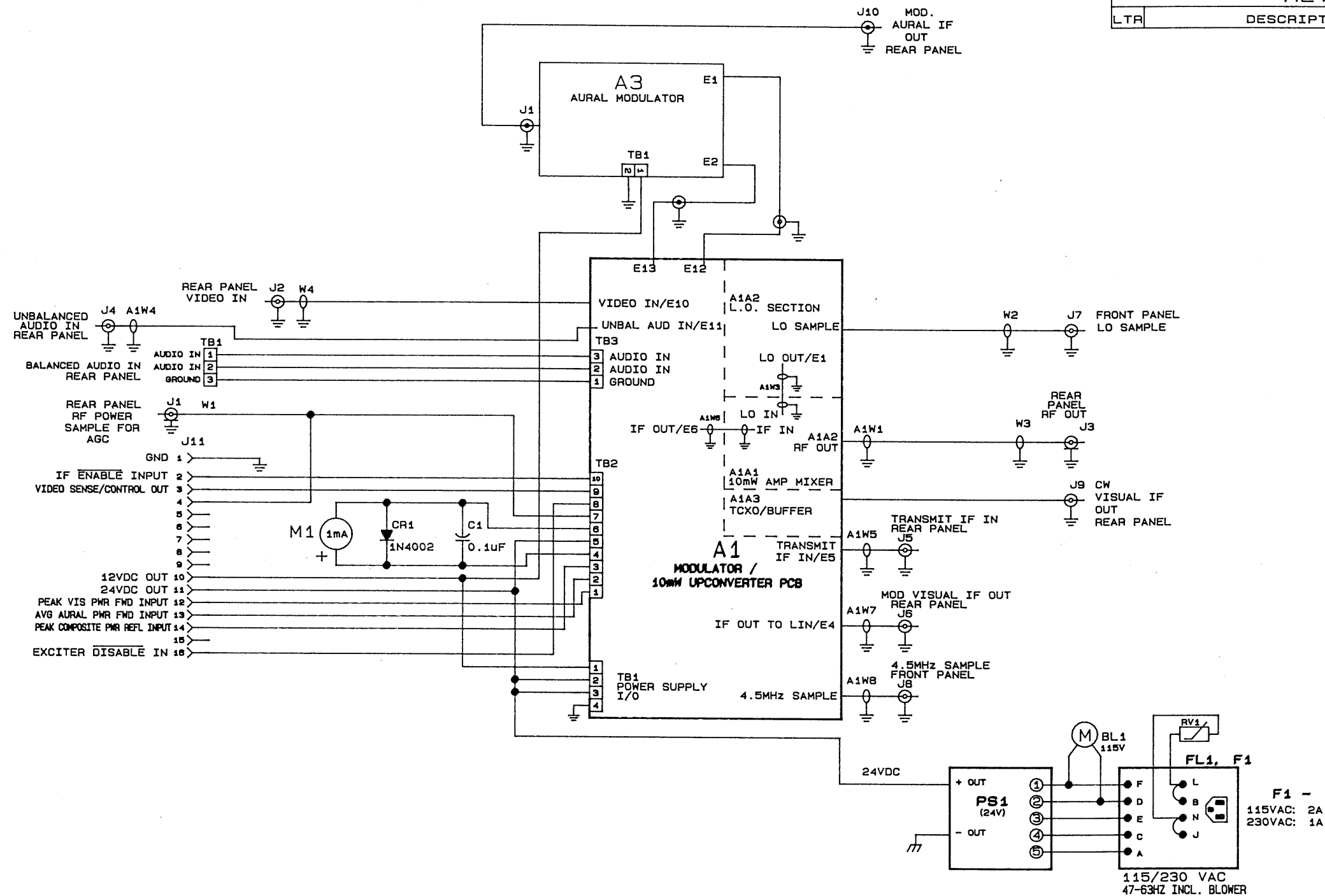
VIEW B - B
ROTATED 180 DEGREES



VIEW A - A
ASSY'S -504 THRU -506, -510 THRU -512

M/N

PARTS LIST		ACRODYNE INDUSTRIES	
DRAWN	hcc	12/28/95	
CHECKED			
MECH ENGR			
ELECT ENGR			
APPROVAL	MB	1/5/99	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		TITLE	
DECIMALS	XX +/- .015	ASSEMBLY, VHF HIBAND EXCITER WITH FAN NTSC FORMAT	
XXX +/- .003	+/- 1/2	SIZE	CODE ID
DO NOT SCALE DRAWING		D	51336
		DRAWING NO.	24209833
		REV	B
APPLICATION	MATERIAL	SCALE	SHEET 1 OF 1



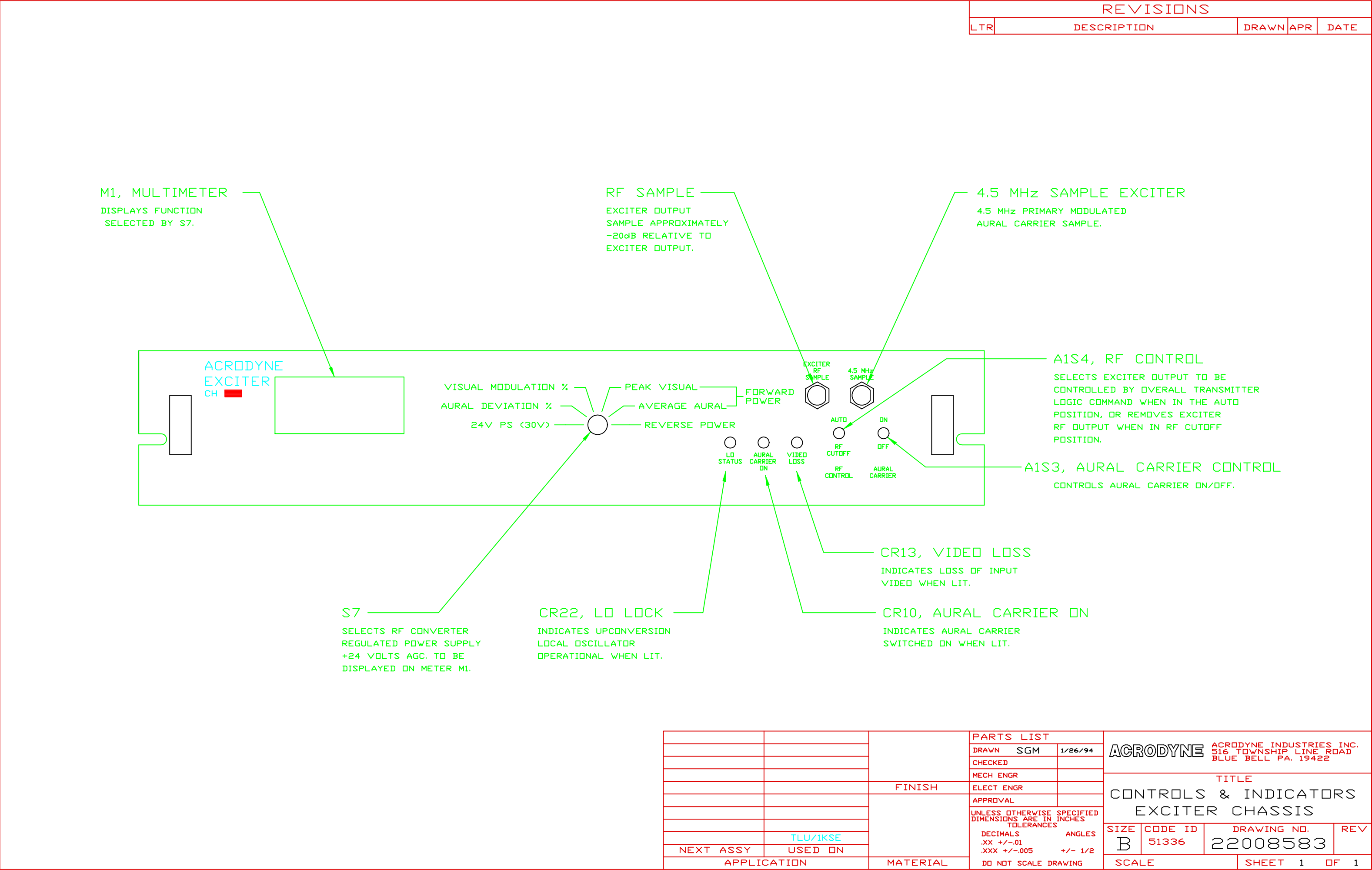
REVISIONS			
LTR	DESCRIPTION	DRAWN	DATE

NOTES:

- EXTERNAL IF CORRECTOR CONNECTED BETWEEN J5 AND J6. IF NO CORRECTOR IS CONNECTED, PATCH CABLE IS PLACED BETWEEN J5 AND J6.

NTSC M/N

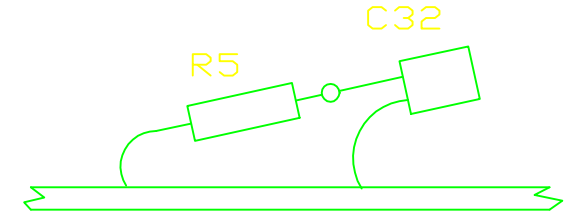
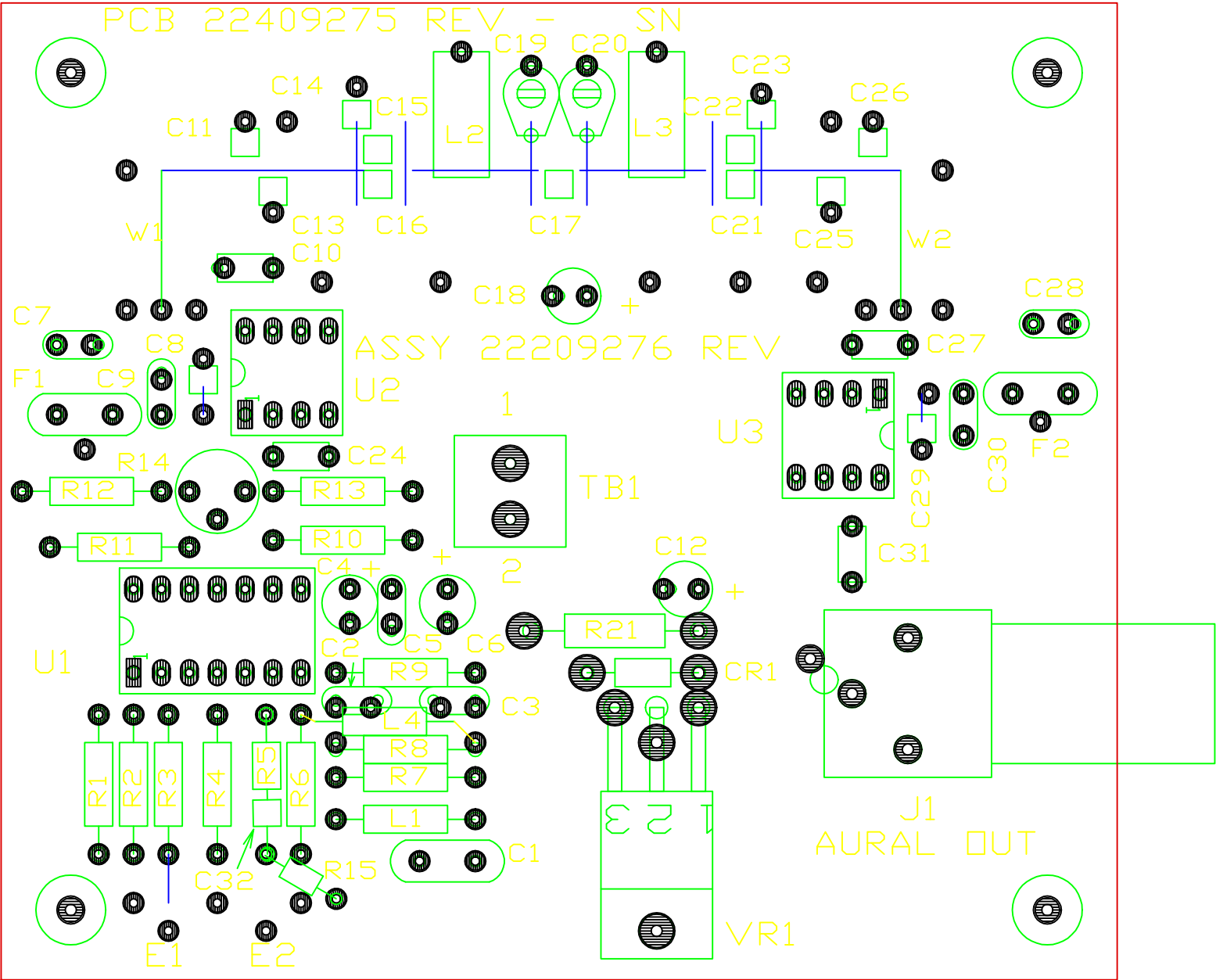
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422
			DRAWN	MTS 1/96	
			CHECKED		
			MECH ENGR		
		FINISH	ELECT ENGR		TITLE WIRING DIAGRAM EXCITER CHASSIS, SEPARATE V/A
			APPROVAL <u>REVIEWER</u> 1-4-96		
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			
		DECIMALS ANGLES			
		.XX +/- .01			
	TLH/1K		.XXX +/- .005 +/- 1/2		
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		
APPLICATION		MATERIAL	SCALE 		
			SHEET 1 OF 1		
			SIZE CODE ID DRAWING NO. REV		
			B 51336 22509963		



NOTE:

FOR -502 & -503 VERSIONS, C14,C23,C16, AND C21 ARE NOT USED.

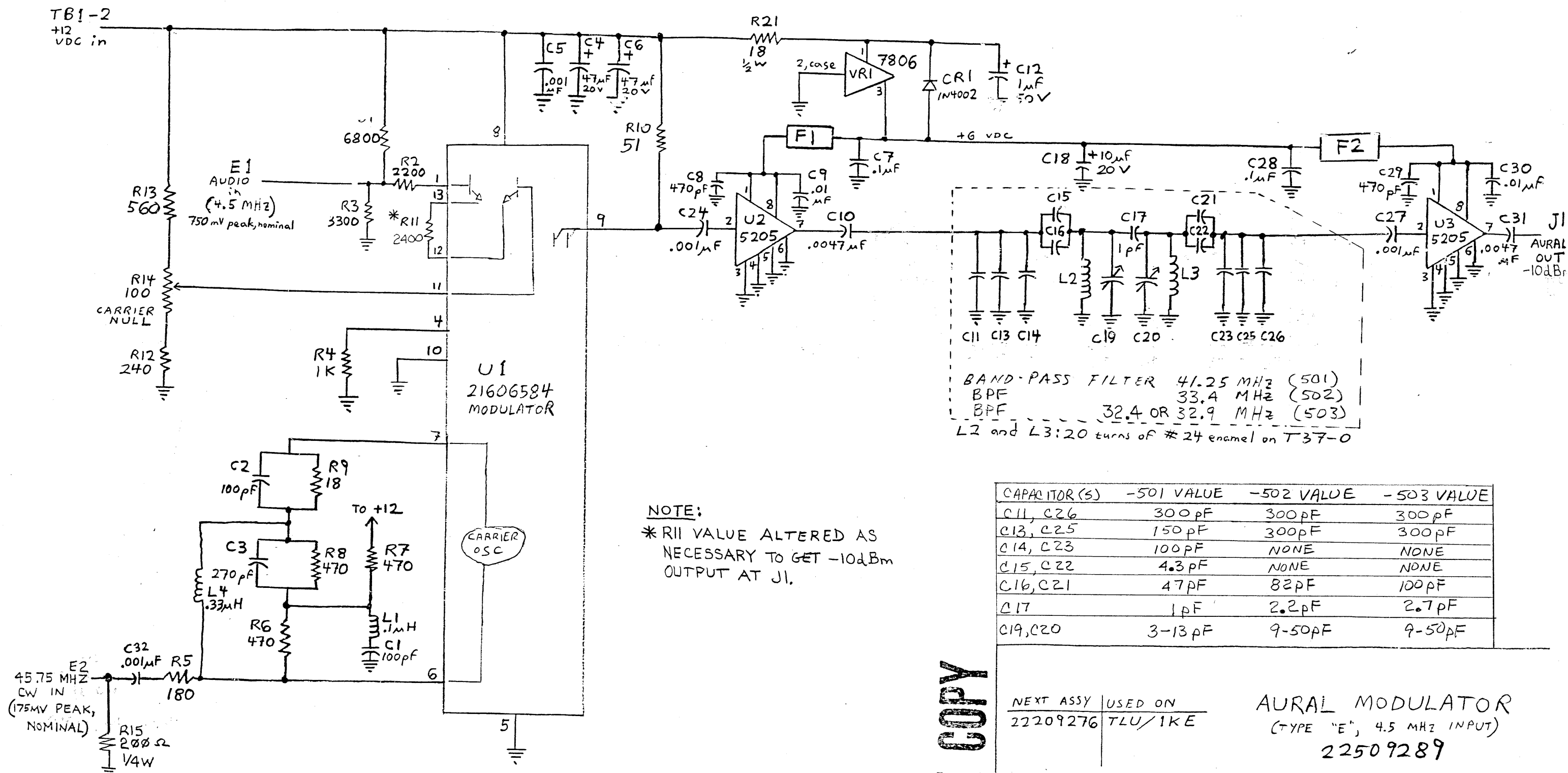
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	SEE ECN 2274 CM			
B	SEE ECN 2527 MMC		MB	12/95
C	SEE ECN 2560 5/96	MTS	MB	5/95
D	ECN 2872-ADD -504 to -506-6/97	hcc	MB	6/97
E	REMOVED ASSY -504 THRU -506	JJC 9/98		
F	PL CHANGE, ECN 3321	JJC 1/99		



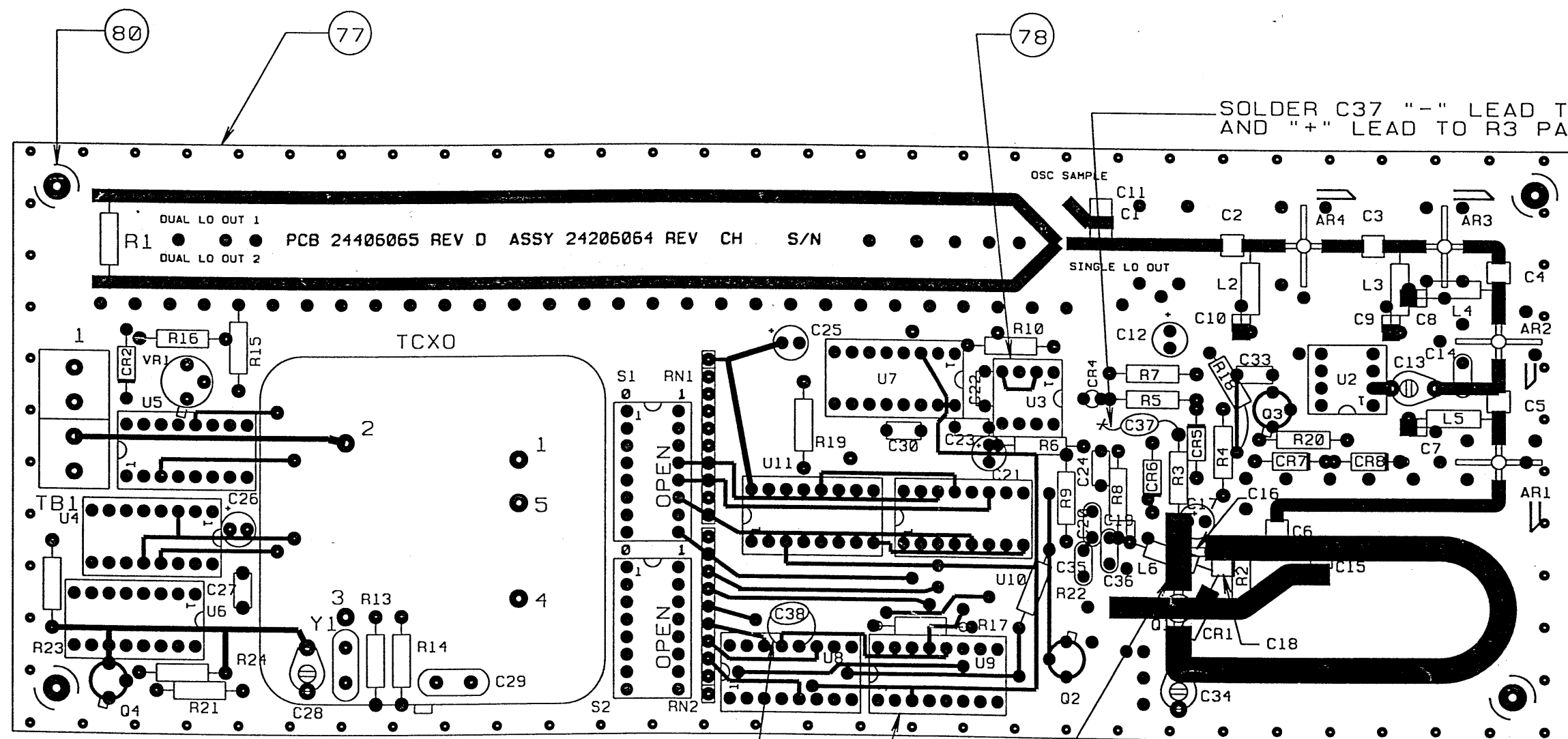
COMPONENT SIDE

		FINISH	PARTS LIST		ACRODYNE INDUSTRIES ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	CSM 02/27/95				
			CHECKED		TITLE ASSEMBLY AURAL MODULATOR PCB			
			MECH ENGR					
			ELECT ENGR		SIZE CODE ID DRAWING NO. REV B 51336 22209276 F			
			APPROVAL	MB 12/95				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SCALE 1/1 SHEET 1 OF 1			
			DECIMALS	ANGLES				
			.XX +/- .015					
			.XXX +/- .005	+/- 1/2				
NEXT ASSY	USED ON		DO NOT SCALE DRAWING					
APPLICATION		MATERIAL						

REVISIONS				
LTR	DESCRIPTION	DWN	APP	DATE
A	SEE ECN 2274	CM		
B	SEE ECN 2527	MC	B	11-1-95
C	SEE ECN # 2560	MTS	B	4-96

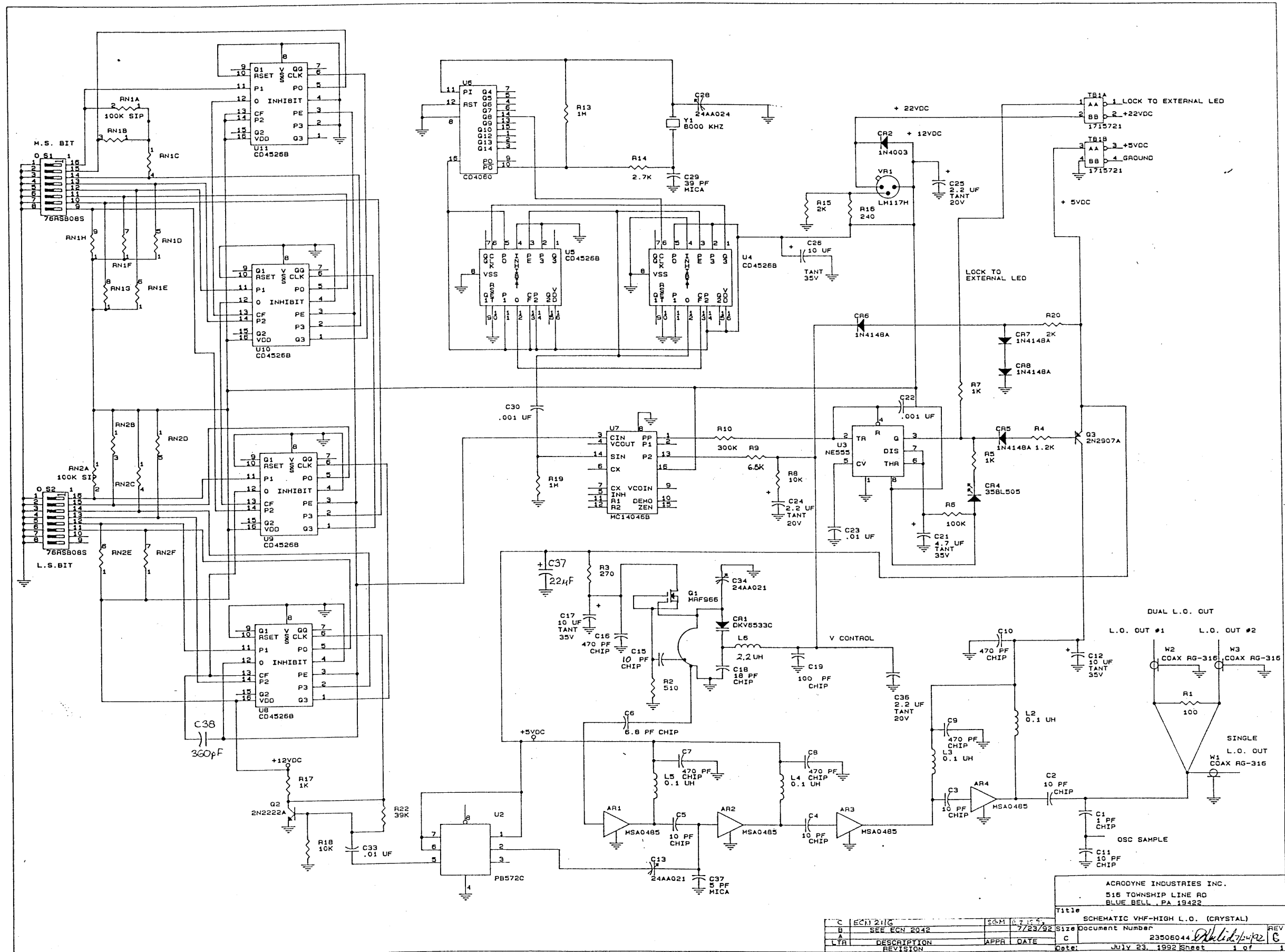


REVISIONS			
LTR	DESCRIPTION	DRAWN	DATE
A	AS BUILT CHANGES.	CH	02/91
B	AS BUILT CHANGES.	CH	03/91
C	DELETED R18.	CH	04/92
D	ECN #2042.	CH	07/92
E	ECN #2116.	SGM	02/93
F	ECN #2134.	SGM	02/93
G	ECN #2574: CHANGED ITEM 23 TO "SBT".	HCC	08/96
H	ECN #2614: ITEM 18 PART NUMBER CHANGE.	HCC	08/96
I	ADDED -507 & -508 ASSEMBLY VERSIONS TO THE P.L.	MTS	02/98

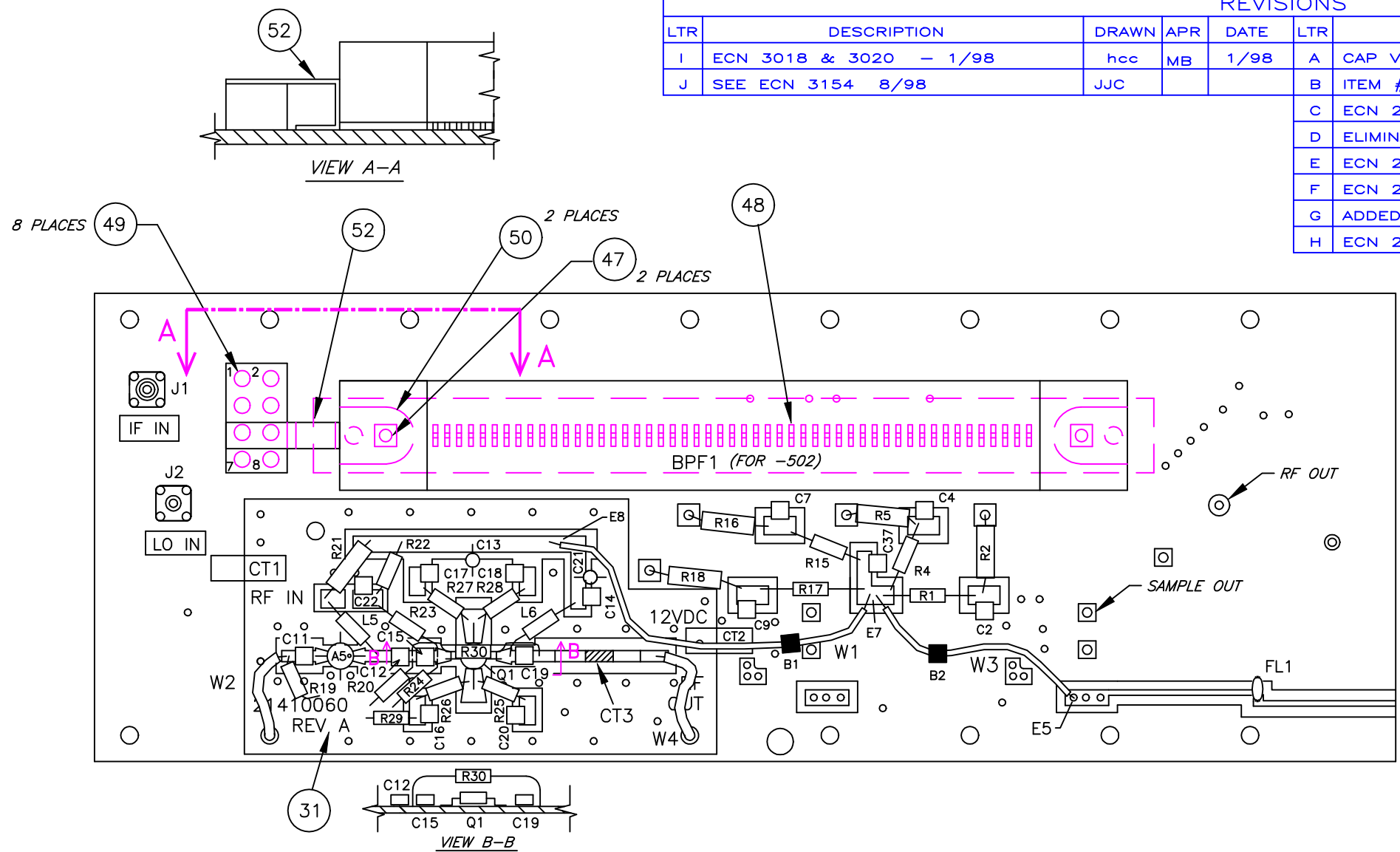


PARTS LIST			
DRAWN	MTS	11/90	ACRODYNE
CHECKED			ACRODYNE INDUSTRIES, INC.
MECH ENGR			310 TOWNSHIP LINE ROAD
ELECT ENGR			BLUE BELL, PA. 19322
APPROVAL	TH	07/92	TITLE:
UNLESS OTHERWISE SPECIFIED			ASSEMBLY:
DIMENSIONS AND TOLERANCES			HIGH L.O. PCB
DECIMALS	ANGLES		SIZE CODE ID
.XX +/- .015			24206064
.XXX +/- .005			DRAWING NO.
DO NOT SCALE DRAWING			REV
APPLICATION	MATERIAL		SCALE
			SHEET 1 OF 1

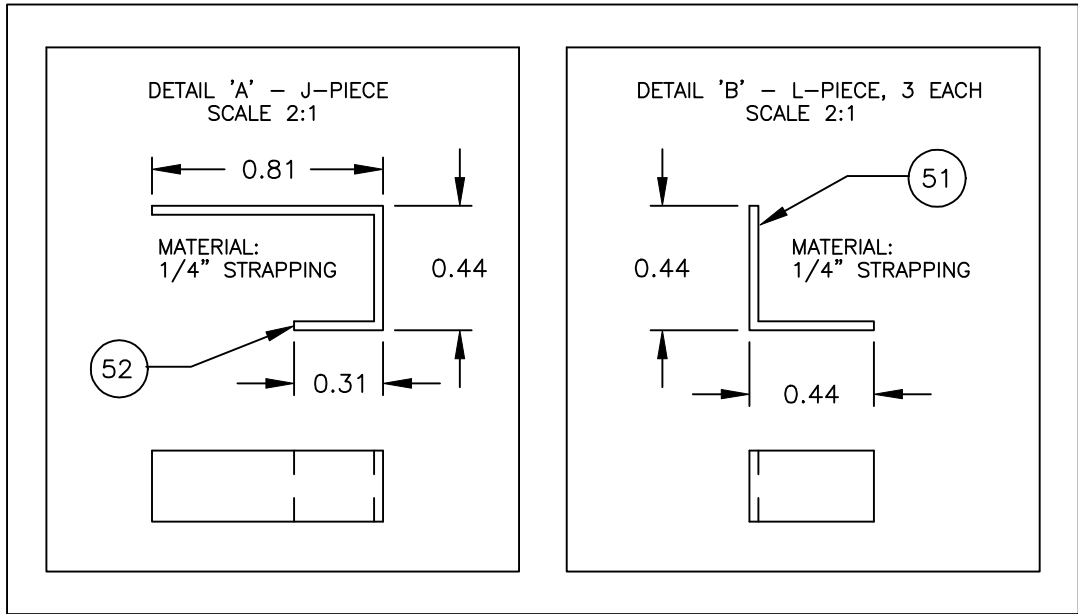
ALL COPY



23506044



REVISIONS									
LTR	DESCRIPTION	DRAWN	APR	DATE	LTR	DESCRIPTION	DRAWN	APR	DATE
I	ECN 3018 & 3020 - 1/98	hcc	MB	1/98	A	CAP VALUES CH'GED ON P/L (#4-7)	hcc	JB	5/96
J	SEE ECN 3154 8/98	JJC			B	ITEM #35 FIXED (P.L.)	hcc	JB	5/96
					C	ECN 2605	hcc	MB	6/96
					D	ELIMINATE DUPLICATE C13	CMI	MB	8/96
					E	ECN 2655	MTS	MB	11/96
					F	ECN 2675 (P/L) - 11/96	hcc	MB	11/96
					G	ADDED -503 (SEE P/L) - 6/97	HFG	MB	7/97
					H	ECN 2894-DRN ON ACAD-9/97	hcc	MB	1/98

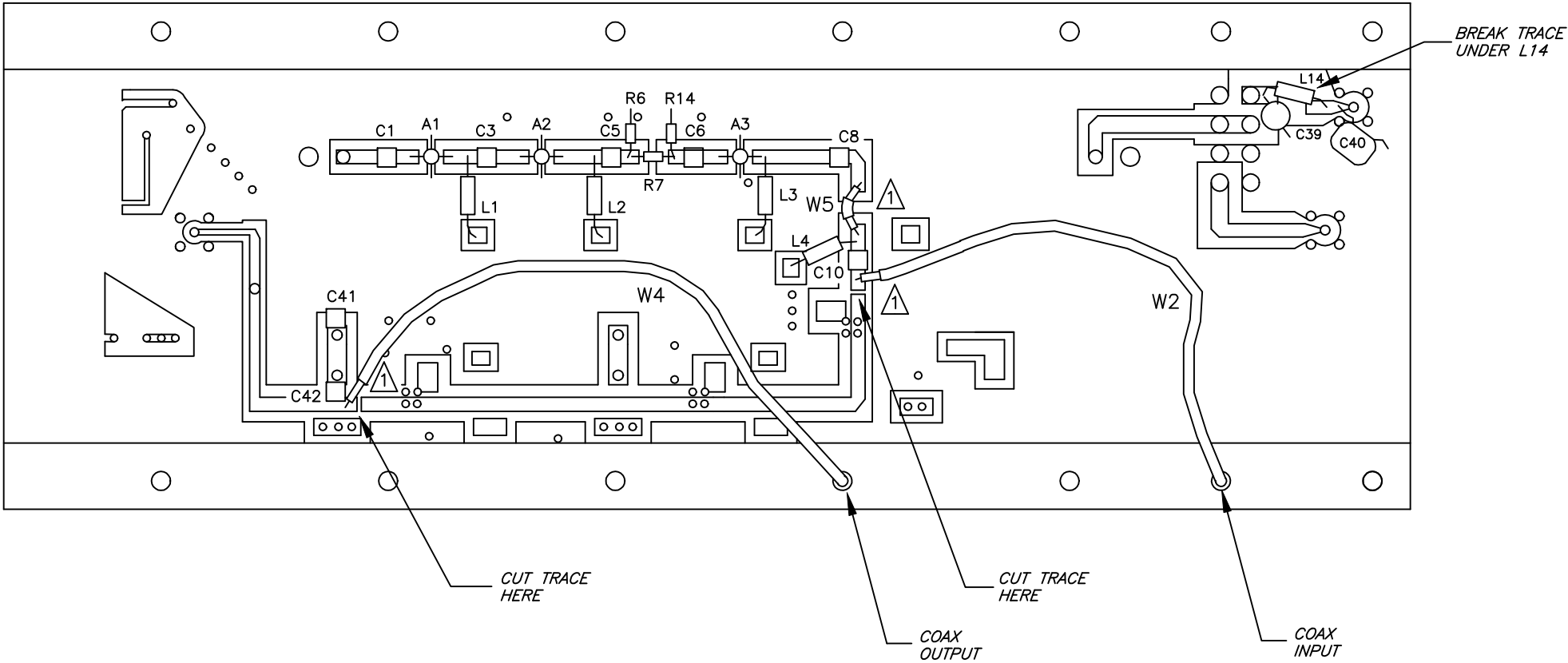


COMPONENT SIDE

-501,-502,-503

PARTS LIST		ACRODYNE		ACRODYNE INDUSTRIES, INC.	
DRAWN	hcc	7/96		516 TOWNSHIP LINE ROAD	BLUE BELL, PA. 19422
CHECKED	BROOKES				
MECH ENGR					
ELECT ENGR					
APPROVAL	BROOKES				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		TITLE		UPCONVERTER DRIVER PCB, CHANNELS 7-69	
DECIMALS	ANGLES	SIZE	CODE ID	DRAWING NO.	REV
.XX +/- .01		B	51336	22210211	J
.XXX +/- .005	+/- 1/2	SCALE		SHEET 1 OF 2	
DO NOT SCALE DRAWING					

REVISIONS									
LTR	DESCRIPTION	DRAWN	APR	DATE	LTR	DESCRIPTION	DRAWN	APR	DATE
I	ECN 3018 & 3020 - 1/98	hcc	MB	1/98	A	CAP VALUES CH'GED ON P/L (#4-7)	hcc	JB	5/96
J	SEE ECN 3154 8/98	JJC			B	ITEM #35 FIXED (P.L.)	hcc	JB	5/96
					C	ECN 2605	hcc	MB	6/96
					D	ELIMINATE DUPLICATE C13	CMI	MB	8/96
					E	ECN 2655	MTS	MB	11/96
					F	ECN 2675 (P/L) - 11/96	hcc	MB	11/96
					G	ADDED -503 (SEE P/L) - 6/97	HFG	MB	7/97
					H	ECN 2894-DRN ON ACAD-9/97	hcc	MB	1/98



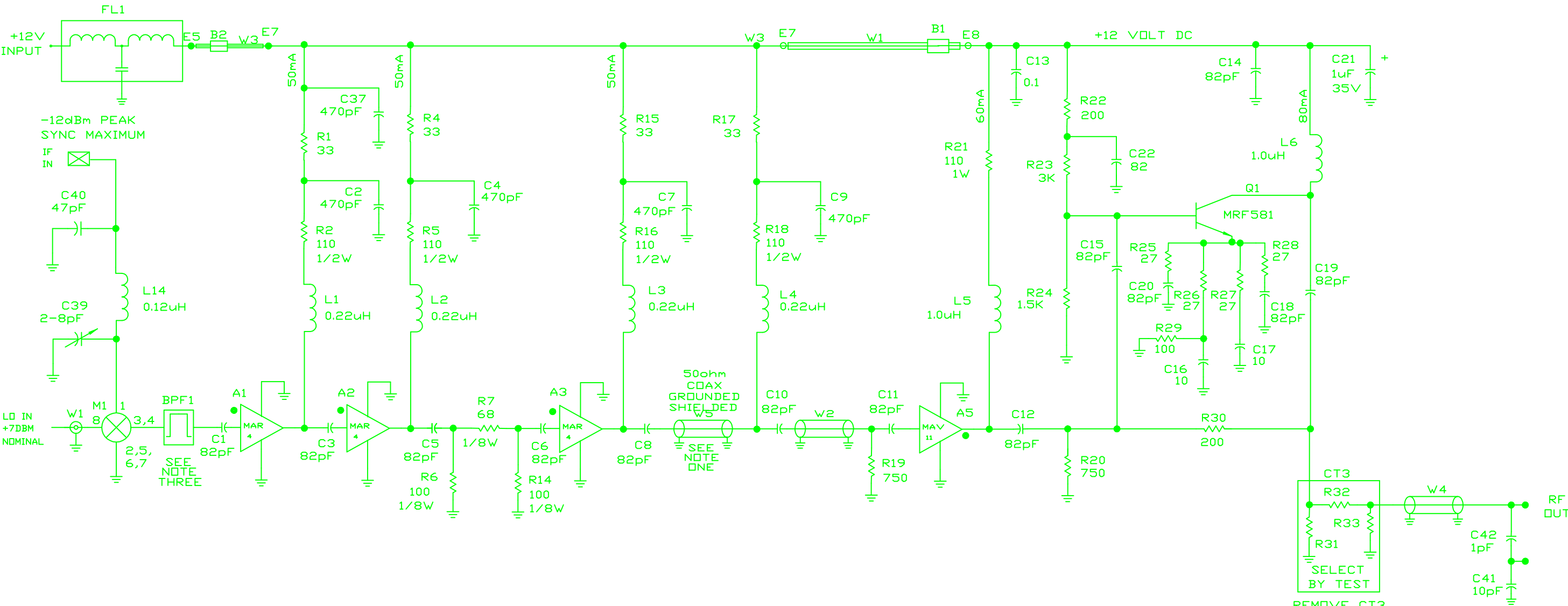
△1 - CUT BACK OUTER SHIELD 3/16". SOLDER END OF SHIELD TO GROUND PLANE OF P.C.B.

SOLDER SIDE

-501,-502,-503

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422						
			DRAWN	hcc					7/96		
			CHECKED BROOKES								
			MECH ENGR			TITLE UPCONVERTER DRIVER PCB, CHANNELS 7-69					
		FINISH	ELECT ENGR								
			APPROVALBROOKES								
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES								
			DECIMALS		ANGLES						
			.XX +/- .01								
			.XXX +/- .005		+/-	1/2	SIZE		CODE ID	DRAWING NO.	REV
NEXT ASSY	USED ON					B	51336	22210211	J		
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE			SHEET 2 OF 2			

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
	SEE PAGE 1			

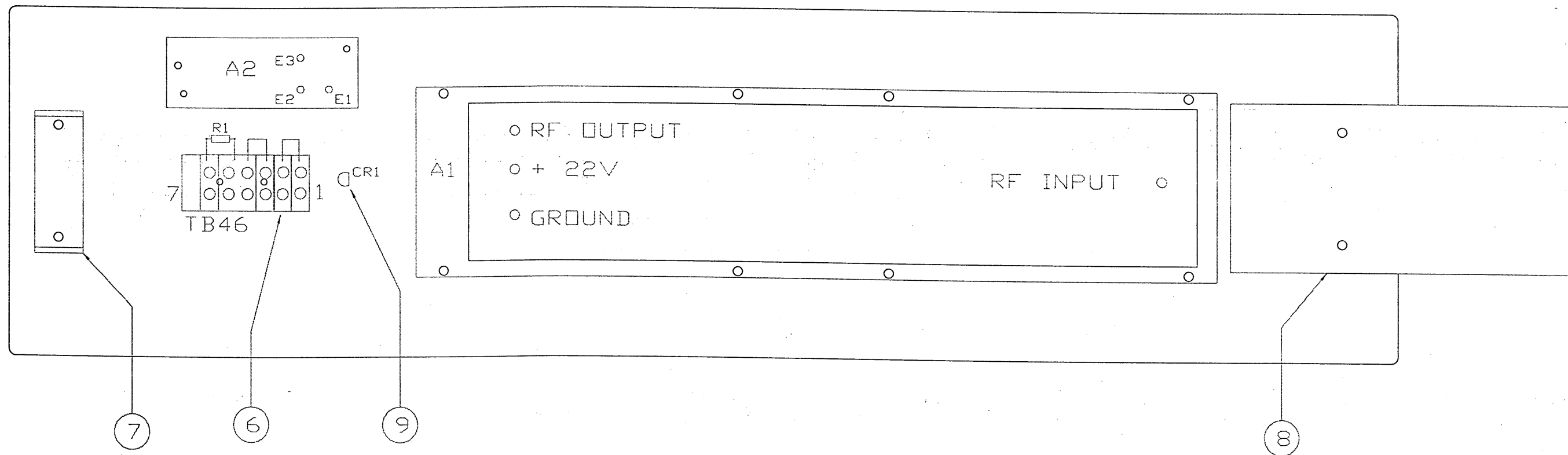


- NOTES...
- 1) COAX MAY BE REPLACED BY A4 MAR 4 (SBT).
 - 2) INDEX MARK "●" PER COMPONENT LABELING
 - 3) FOR -503, BPF1, THE BANDPASS FILTER, IS EXTERNAL.

-502 & 503: CHANNELS 7-69 (174-860MHZ)

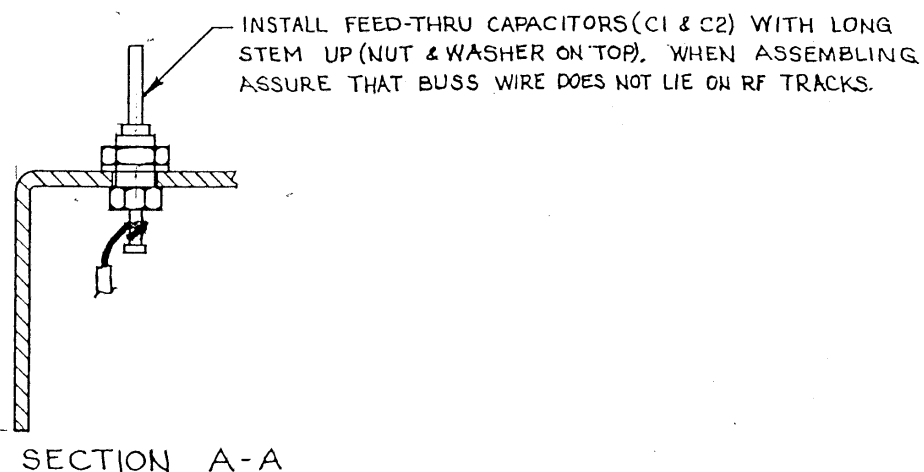
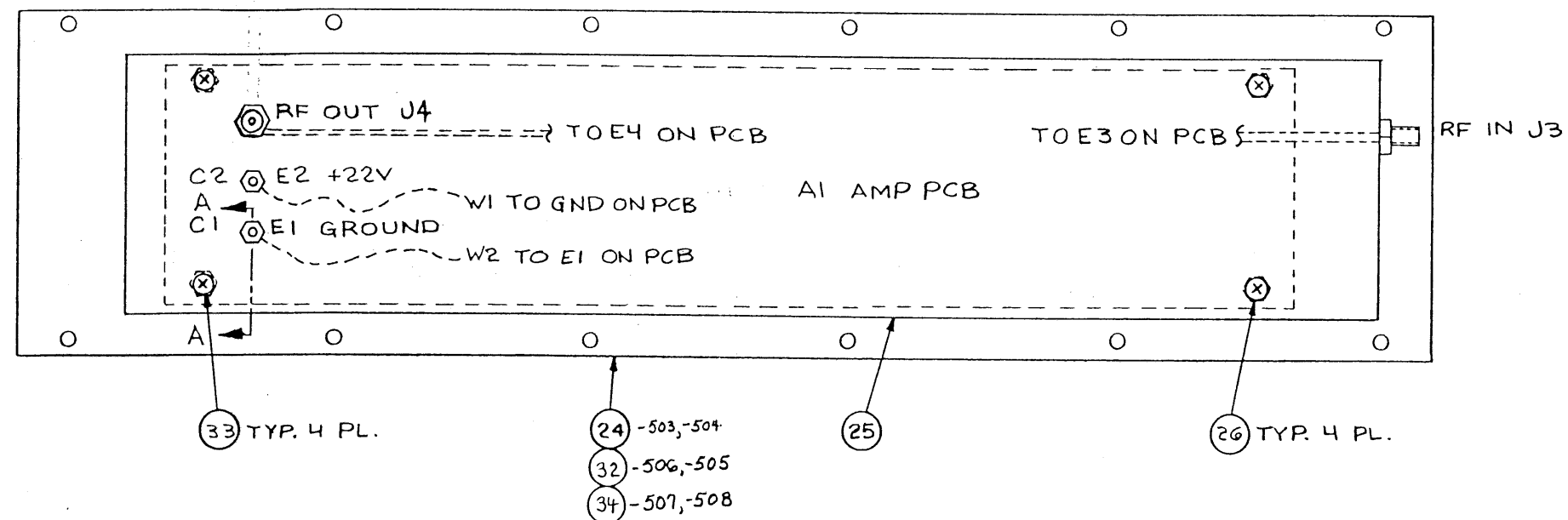
		FINISH	PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	hcc				
			CHECKED	Brookes	4/19/96			
			MECH ENGR					
			ELECT ENGR					
			APPROVAL		TITLE UP CONVERTER DRIVER, SCHEMATIC			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
			DECIMALS	ANGLES	SIZE	CODE ID	DRAWING NO.	REV
22210211			.XX +/- .01		B	51336	22510194	F
NEXT ASSY	USED ON		.XXX +/- .005	+/- 1/2	SCALE		SHEET 2 OF 2	
APPLICATION		MATERIAL	DO NOT SCALE DRAWING					

REVISIONS					
LTR	DESCRIPTION			DRWN	DATE
A	AS BUILT.	07/96	CSM	MB	07/96
B	ECN #2916 & 2917.	08/97	MTS		



			PARTS LIST		ACRODYNE	ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422		
			DRAWN	MMC				12/5/95
			CHECKED					
			MECH ENGR					
		FINISH	ELECT ENGR		TITLE ASSEMBLY ONE WATT AMPLIFIER PANEL			
			APPROVAL					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
			DECIMALS	ANGLES				
	TRU/2K		.XX +/- .01		SIZE	CODE ID	DRAWING NO.	REV
NEXT ASSY	USED ON		.XXX +/- .005	+/- 1/2				
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE	SHEET 1 OF 1		

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
	SEE PAGE 1			



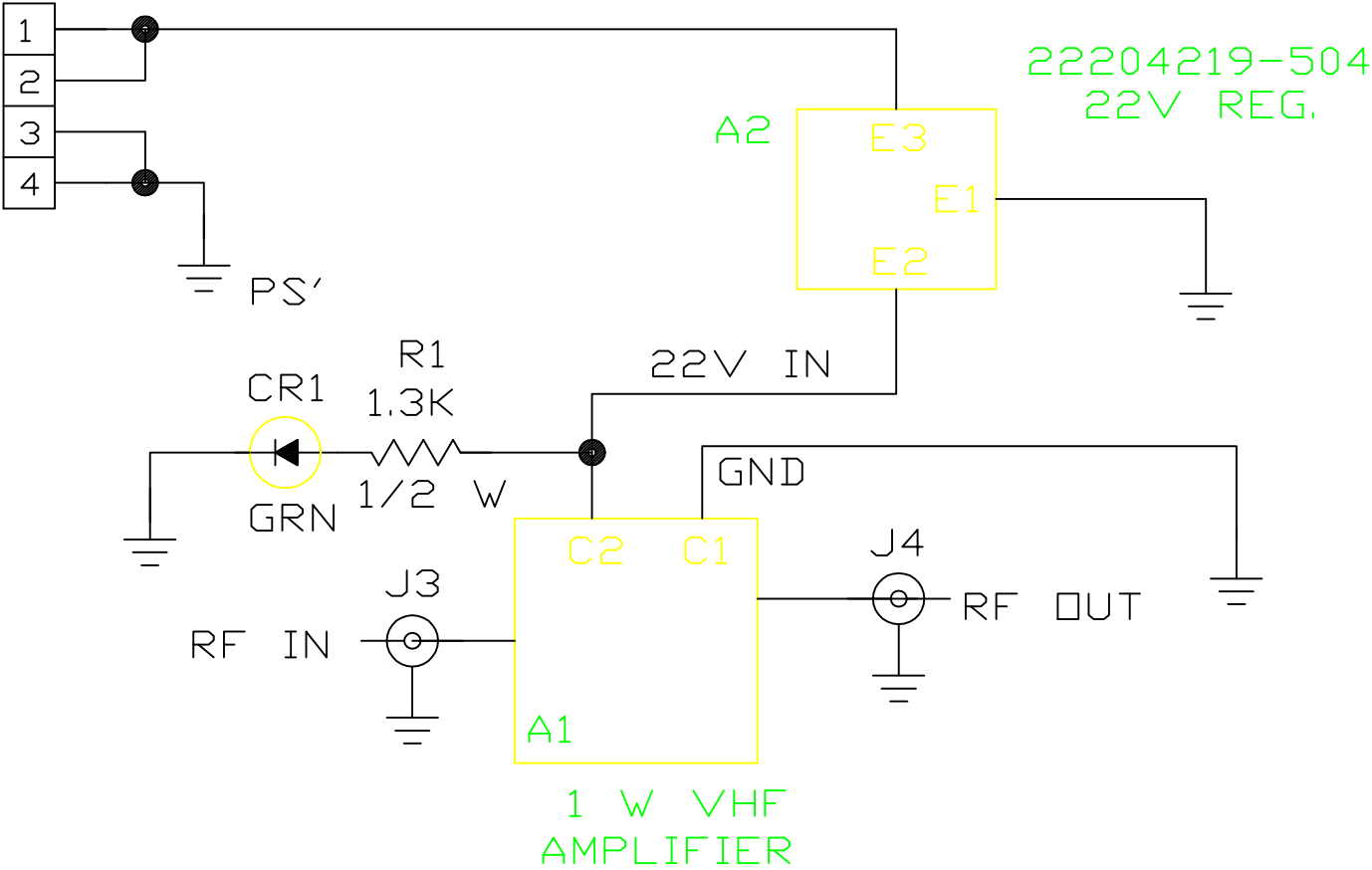
ASSY	PAGE		
501	1	509	3
502	1	510	3
503	2		
504	2		
505	2		
506	2		
507	2		
508	2		

CIRCLED NO. FOR MFG. USE ONLY

24103876 UHF TRAY RF/C NEXT ASSY USED ON		FINISH	PARTS LIST DRAWN G. D. 4/24/84 CHECKED MECH ENGR 4/27/84 ELEC ENGR		ACRODYNE INDUSTRIES Acrodyne Industries Inc. 516 Township Line Road Blue Bell, Pennsylvania 19422	
			APPROVAL 4/27/84 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX ± .XX .XX ± .XX 1/2° DO NOT SCALE DRAWING		TITLE ASSEMBLY MODULE, 1WATT VHF AMD. TRAY RF CONVERTER	
APPLICATION		MATERIAL	SIZE C	CODE IDENT 51336	SCALE 1/1	SHEET 2 OF 3

FILE COPY

TB46



TLH/500E

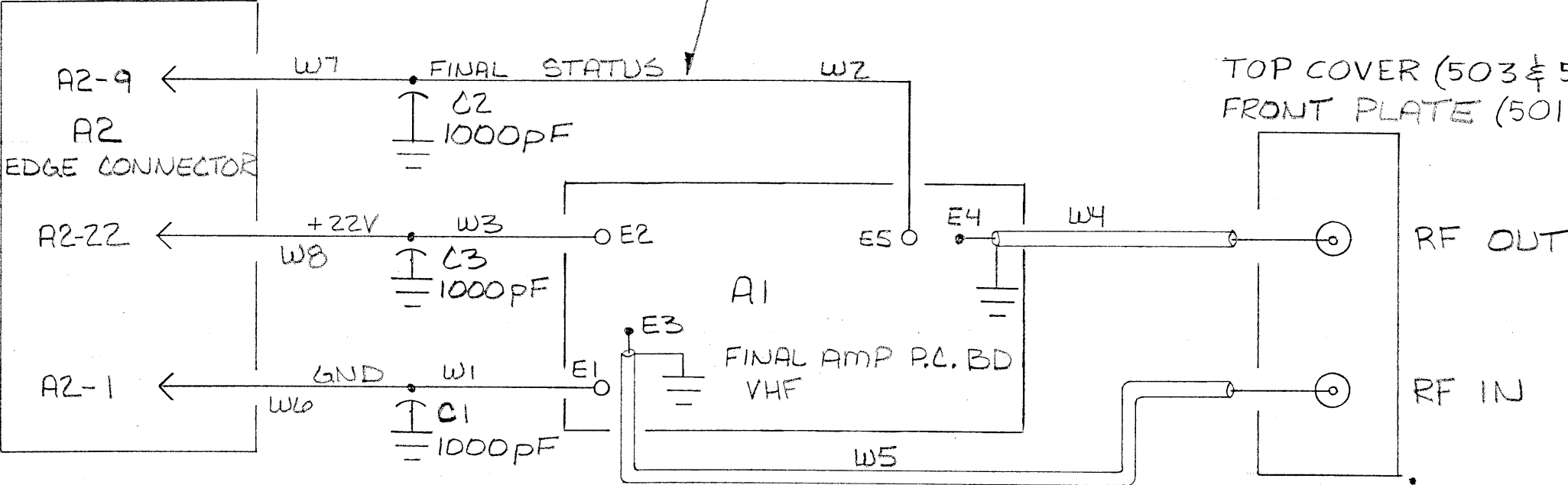
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	SJT					9/26/95
			CHECKED			TITLE 1 WATT AMPLIFIER DRAWER			
			MECH ENGR						
		FINISH	ELECT ENGR			SIZECODE IDDRAWING NO.REV A5133621509841—			
			APPROVAL						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES					
			.XX +/- .01			SCALE			
			.XXX +/- .005		+/- 1/2				
NEXT ASSY		USED ON							
APPLICATION		MATERIAL	DO NOT SCALE DRAWING						

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
A	ADDED CIRCUIT INFO FOR 503 & 504	B.D	<i>[Signature]</i>	4/25/88
B	ADDED STATUS AND GND	KH	<i>[Signature]</i>	7/8/97

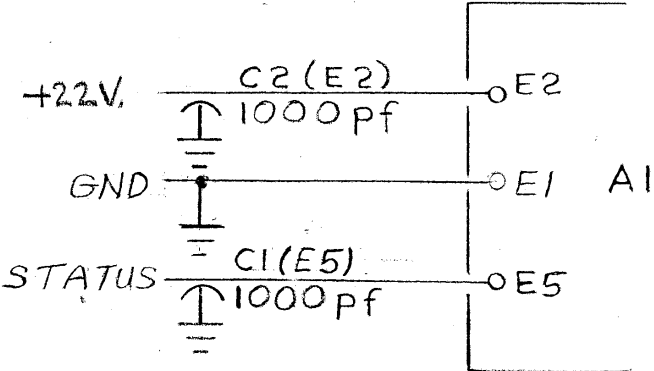
NOT REQUIRED FOR 503 & 504 ASSY.
SEE ALTERNATE DIAGRAM

CONNECTION NOT REQUIRED FOR 503 & 504 ASSY.

TOP COVER (503 & 504 ASSY).
FRONT PLATE (501 & 502 ASSY.)



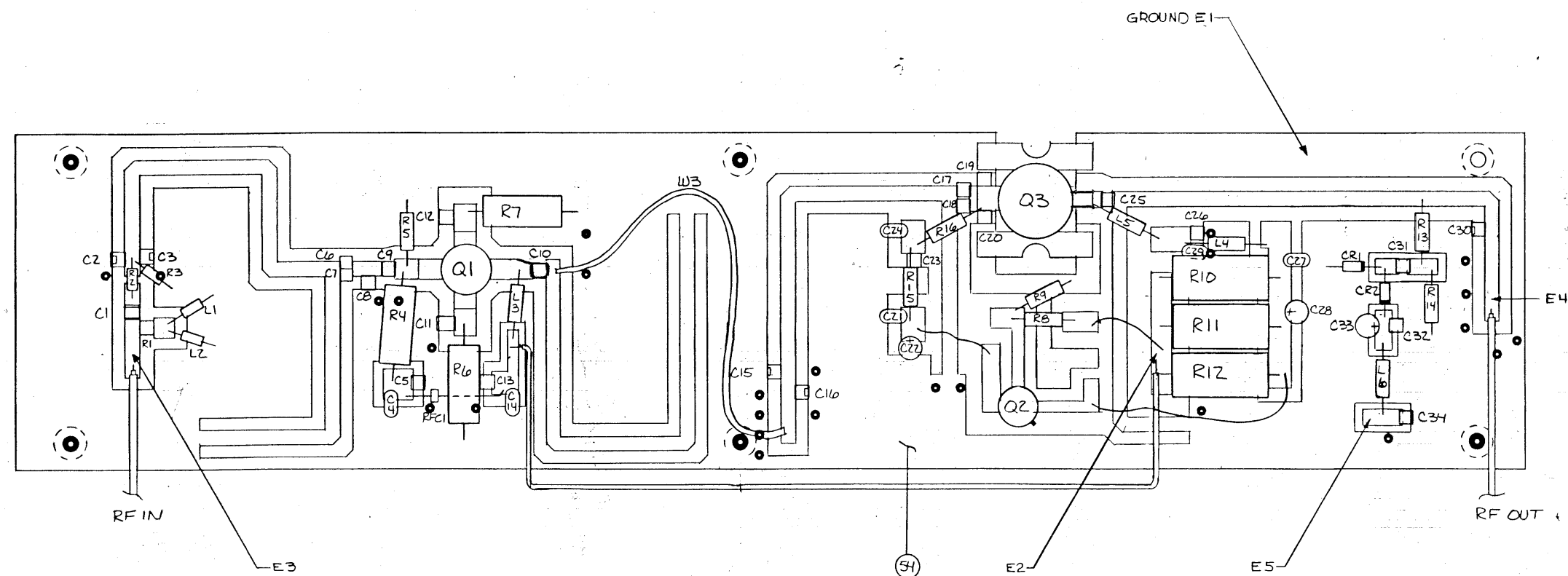
ALTERNATE DIAGRAM (503 & 504)
(E2, E1 CONNECTIONS)



			PARTS LIST		ACRODYNE INDUSTRIES		Acrodyne Industries Inc 516 Township Line Road Blue Bell, Pennsylvania 19422	
			DRAWN CMOORE	12/30/86				
			CHECKED Brooks		TITLE			
			MECH ENGR [Signature]					
		FINISH	ELEC ENGR [Signature]	2/24/87	SCHEMATIC UPCONVERTER 1 WATT AMP (VHF)			
			APPROVAL [Signature]	1/2/87				
24103876	TLH/10T		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX ± .XXX ± ± 1/2° DO NOT SCALE DRAWING		SIZE	CODE IDENT	DRAWING NO.	REV
24103987	TRL/				B	51336	22504185	B
NEXT ASSY		USED ON			SCALE ~		SHEET 1 OF 1	
APPLICATION		MATERIAL						

COPY FILE

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
A	ECN 1340 / RE LABELED POINTS	MJB	K. V. P.	
B	P/L CHANGE ONLY	SND	K. V. P.	11/2/88
C	ADDED -502 ASSY	MTS	B	12-95

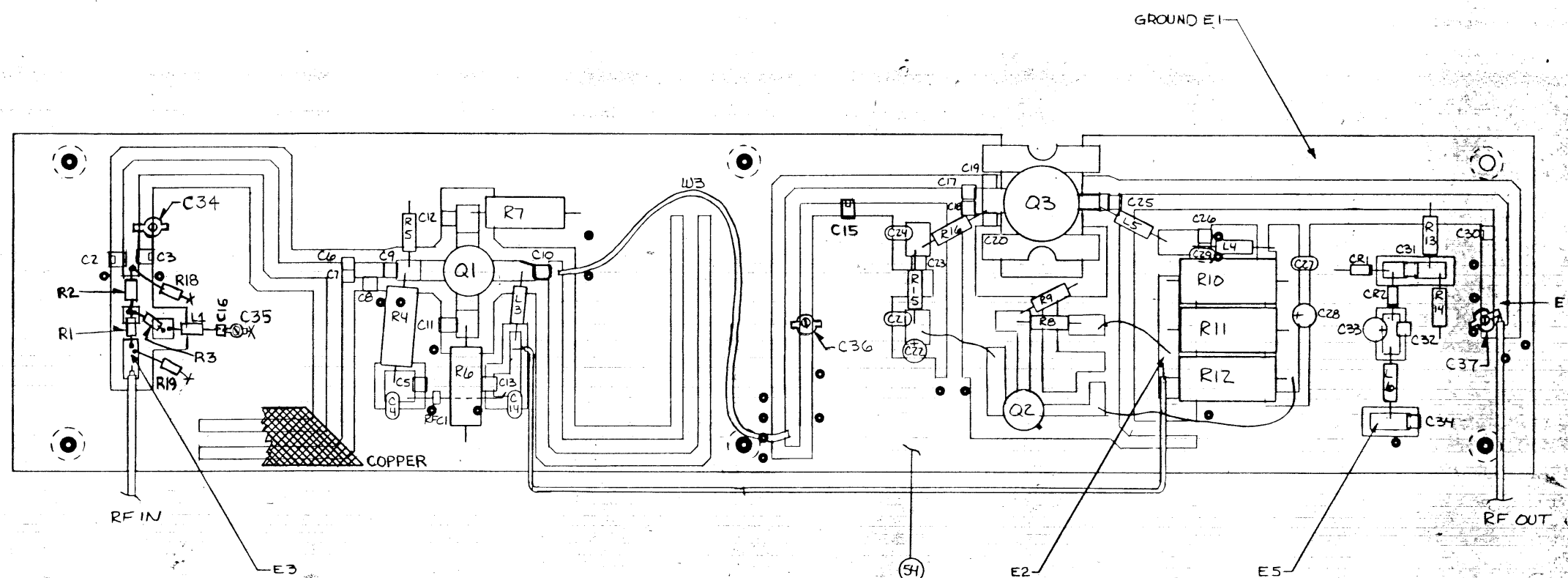


-501

PARTS LIST 24203930		ACRODYNE INDUSTRIES		Acrodyne Industries Inc. 516 Township Line Road Blue Bell, Pennsylvania 19422
DRAWN	CMR	TITLE		
CHECKED	BLD	ASSEMBLY / UP CONVERTER		
MECH ENGR		FINAL AMP CH. 7-13		
ELEC ENGR		DRAWING NO.		
APPROVAL	12/4/88	CODE IDENT		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SIZE		
TOLERANCES		D		
DECIMALS		51336		
XX 1/16" XX 1/8" 1/16"		24203930		
DO NOT SCALE DRAWING		SCALE		
APPLICATION		2:1		
MATERIAL		SHEET		
		1 OF 2		

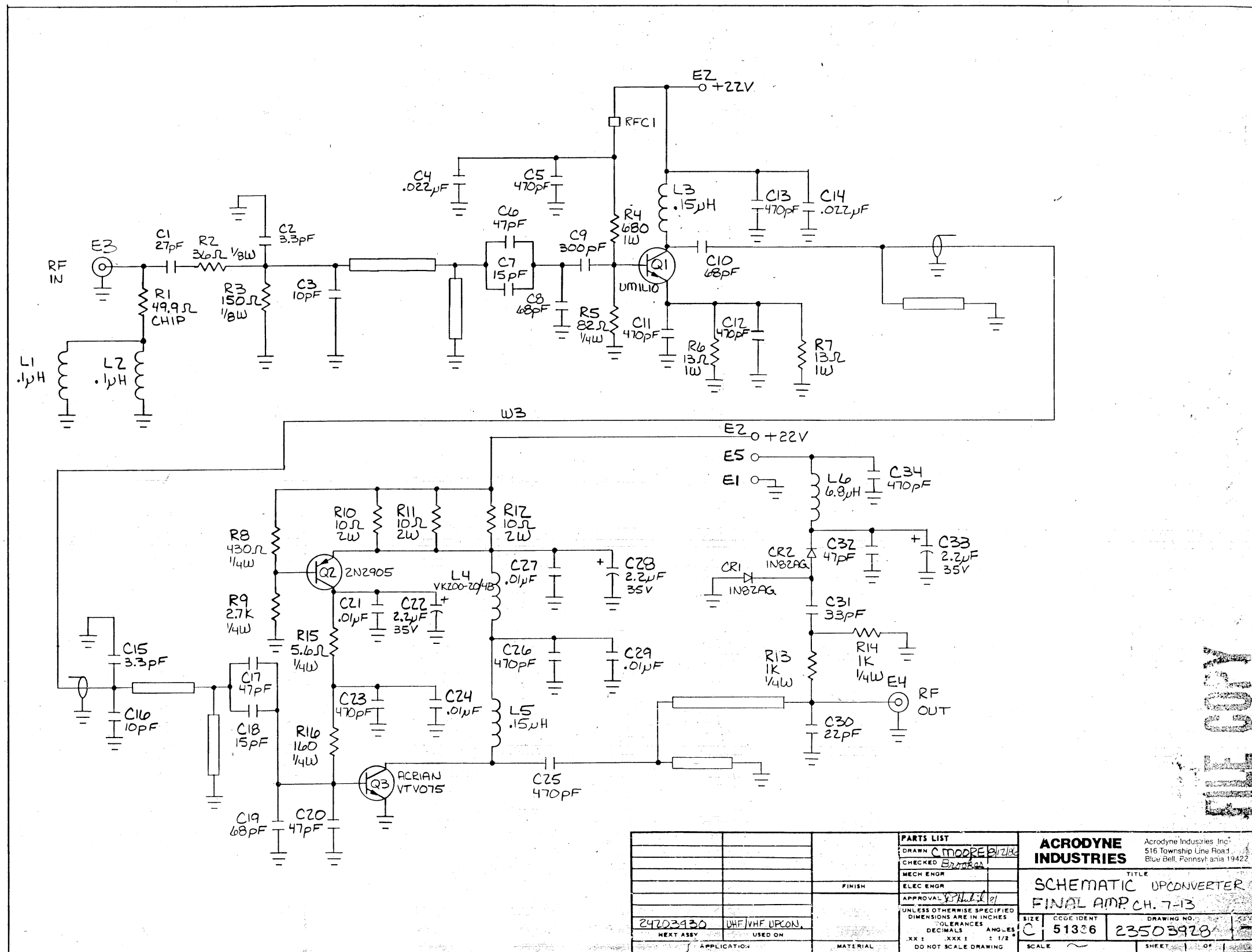
REVISIONS		DATE	APPROVED	DATE
A	ECN 13401 RE LABELLED POINTS	10/5	10/10	
B	PIL CHANGE ONLY	10/5	10/10	

- SEE SHEET #1 -



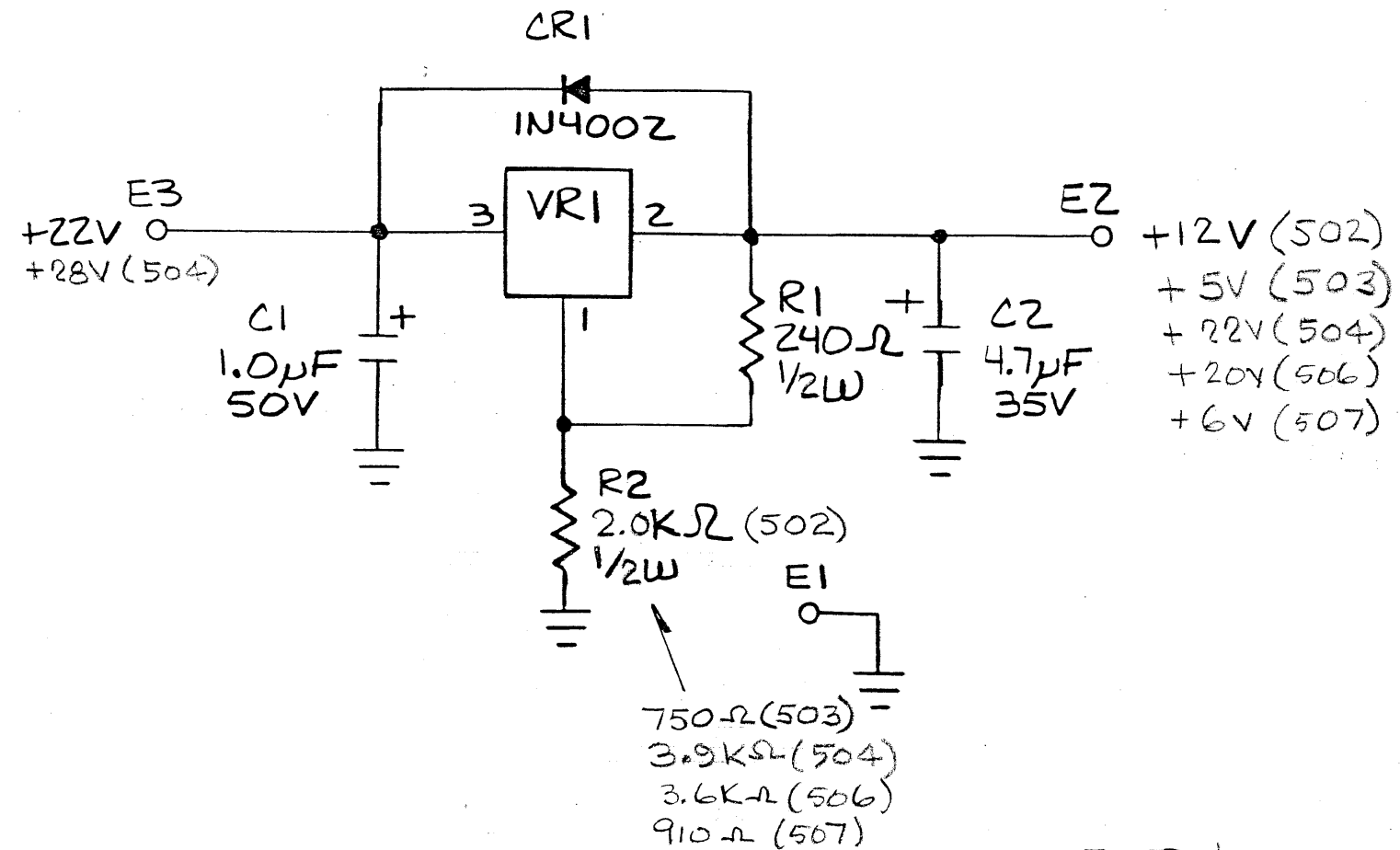
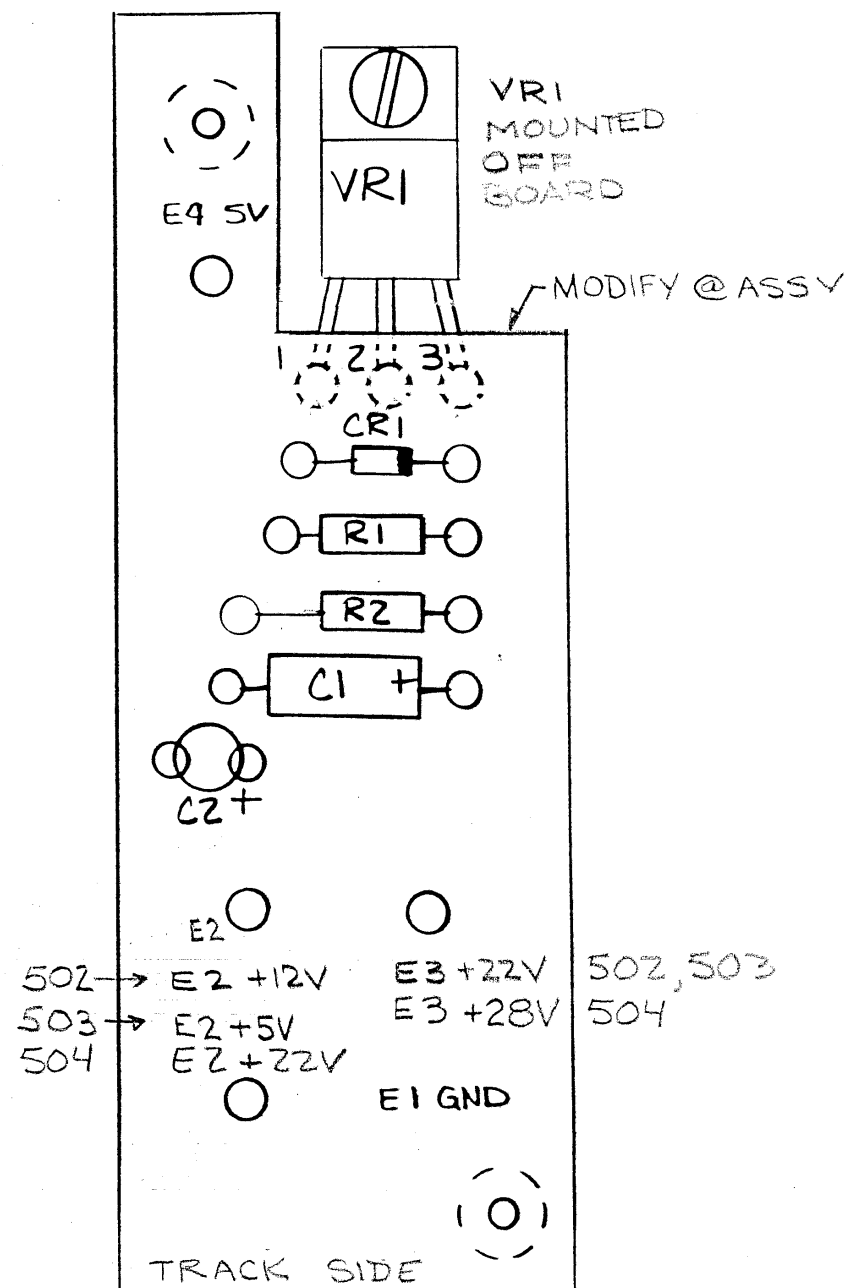
-502

PARTS LIST 24203730		ACRODYNE INDUSTRIES	
DRYER	MTS 12/8	ASSEMBLY, UP CONVERTER	
CHECKED	8/10/80	FINAL AMP CH 7-13	
FINISH			
24103716	LPTV		
DATE	5/13/86		
APPROVED	24203730		
SCALE	2:1		



PARTS LIST		ACRODYNE INDUSTRIES	
DRAWN	C. MOORE	Acrodyne Industries, Inc. 516 Township Line Road, Blue Bell, Pennsylvania 19422	
CHECKED	Byrd	TITLE	
MECH ENGR		SCHEMATIC UPONVERTER	
ELEC ENGR		FINAL AMP CH. 7-13	
APPROVAL	Byrd	DRAWING NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX 1 1/2 DO NOT SCALE DRAWING		SIZE	CODE IDENT
24703930 UHF/VHF UPCON.		C	51336
NEXT ASSY USED ON		23503978	1
APPLICATION		SCALE	SHEET OF

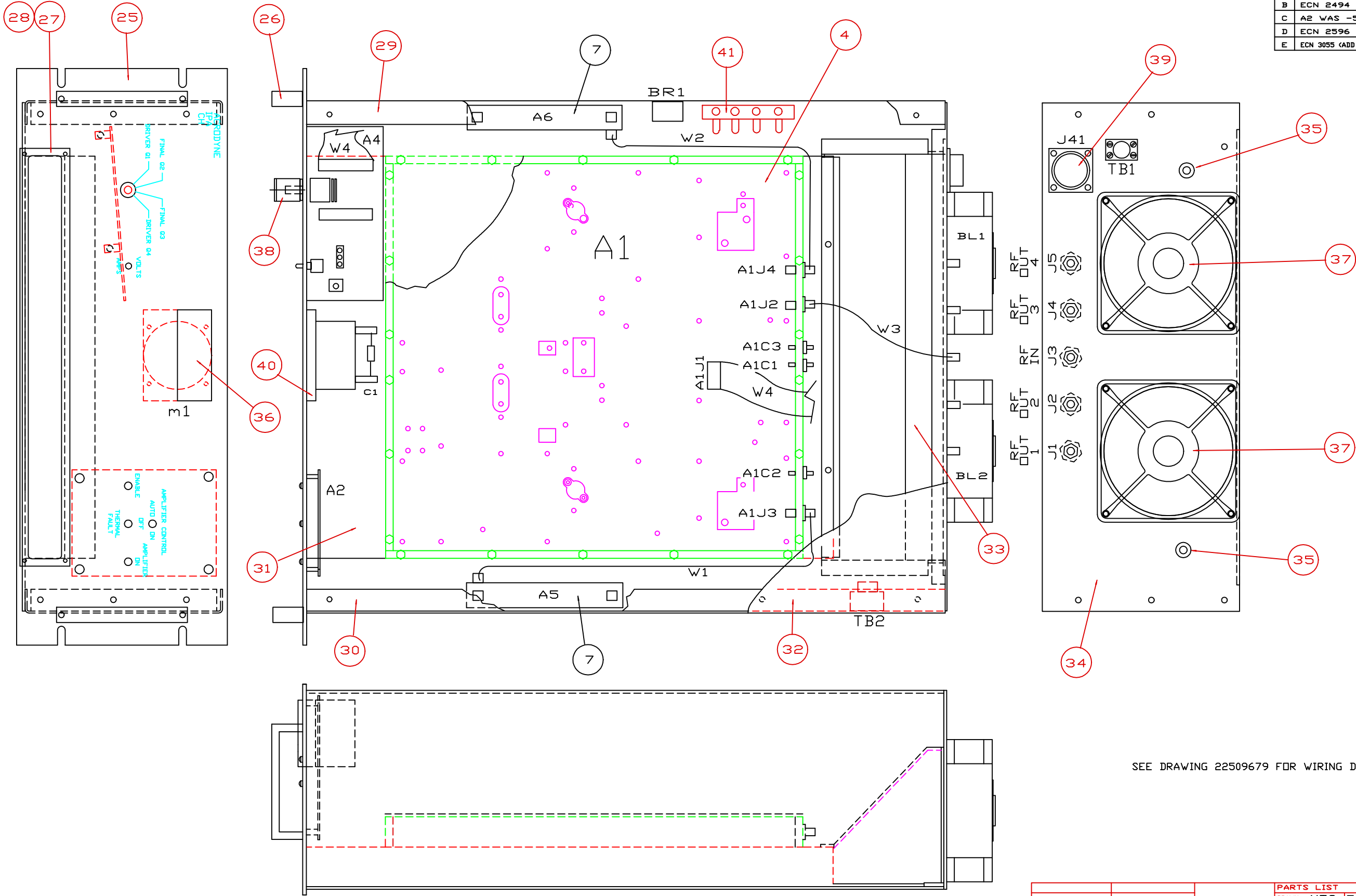
REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
	SEE PAGE #1		H	7/31/87
D	ADDED 504 ASSEMBLY	REG 5 DEC 90	B H	1/25/91



502, 503 & 504 ASSY.

			PARTS LIST 22204219		ACRODYNE INDUSTRIES		Acrodyne Industries Inc 516 Township Line Road Blue Bell, Pennsylvania 19422	
			DRAWN M BENENSKY	4/23/87				
			CHECKED F. HAFER	4/23/87				
			MECH ENGR	JP				
		FINISH	ELEC ENGR		TITLE ASSEMBLY VOLTAGE REGULATING CIRCUIT			
			APPROVAL D. Hafner	4/23/87				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES		SIZE	CODE IDENT	DRAWING NO.	REV
22204435	LPTV1000UT		XX ± .01 XXX ± .02 1/2°		B	51336	22204219	I
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE 2:1		SHEET 2 OF 3	
APPLICATION			MATERIAL					

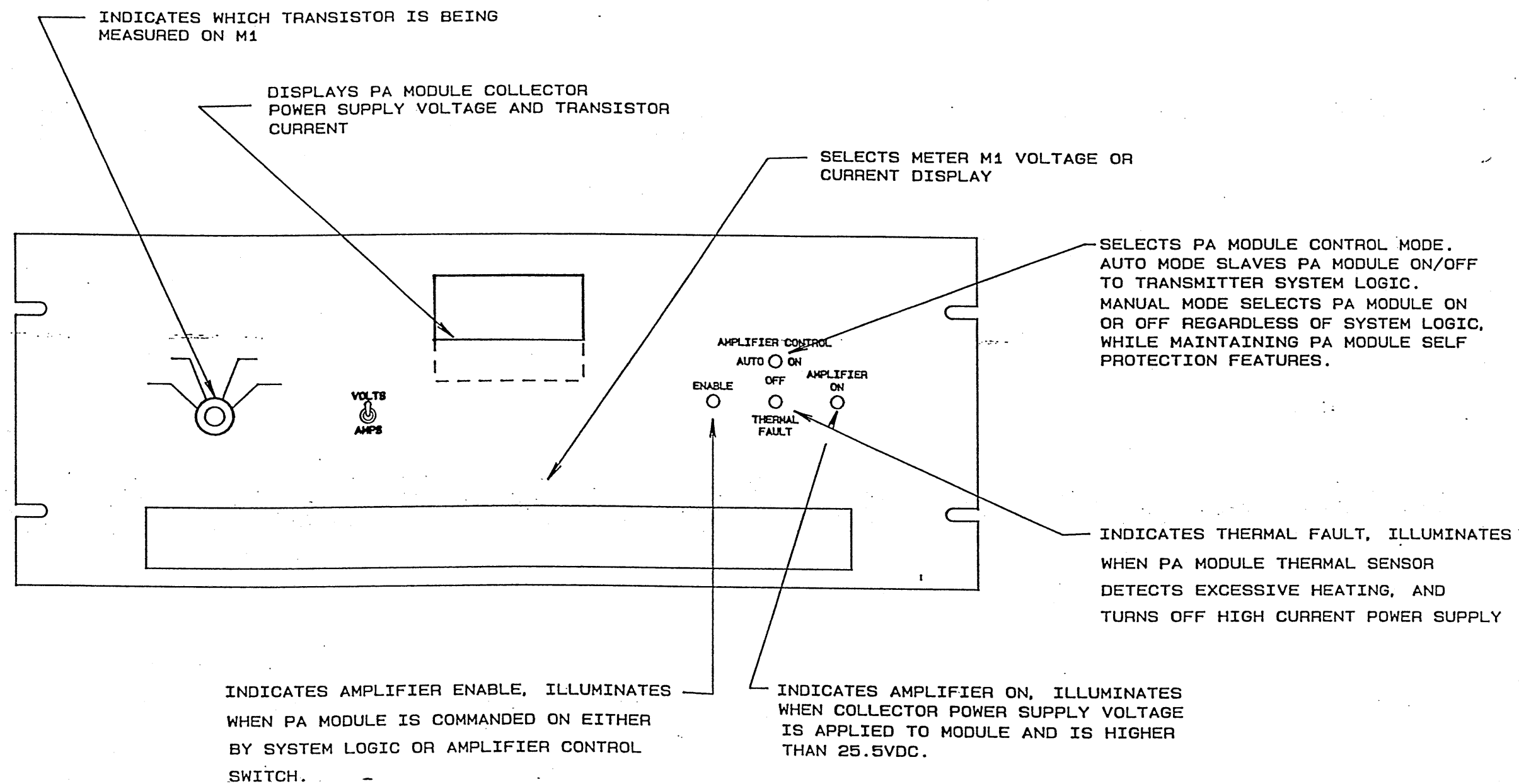
REVISIONS					
LTR	DESCRIPTION	DATE	DRAWN	APR	DATE
A	ADDED -502 ASSY.	7/95	MTS		
B	ECN 2494	11/13/95	MTS	B	11/95
C	A2 WAS -502	12/95	MTS		
D	ECN 2596 (TB1 MOVED)	5/96	hcc	B	5/96
E	ECN 3055 (ADD RF IN/OUT DESIGNATIONS)		HFG 3/98		



SEE DRAWING 22509679 FOR WIRING DIAGRAM.

- 502

PARTS LIST		DRAWN MTS 7/95		ACRODYNE		ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422	
CHECKED		MECH ENGR		ELECT ENGR		APPROVAL	
FINISH		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES		ANGLES	
NEXT ASSY		USED ON		DECIMALS .XX +/- .015		XXX +/- .005	
APPLICATION		MATERIAL		DO NOT SCALE DRAWING		SCALE	
TITLE		CHASSIS ASSEMBLY DUAL		QUADRATURE PHASE VHF AMP		DRAWING NO. 23209084	
SIZE CODE ID C 51336		REV E		SHEET 2 OF 2			



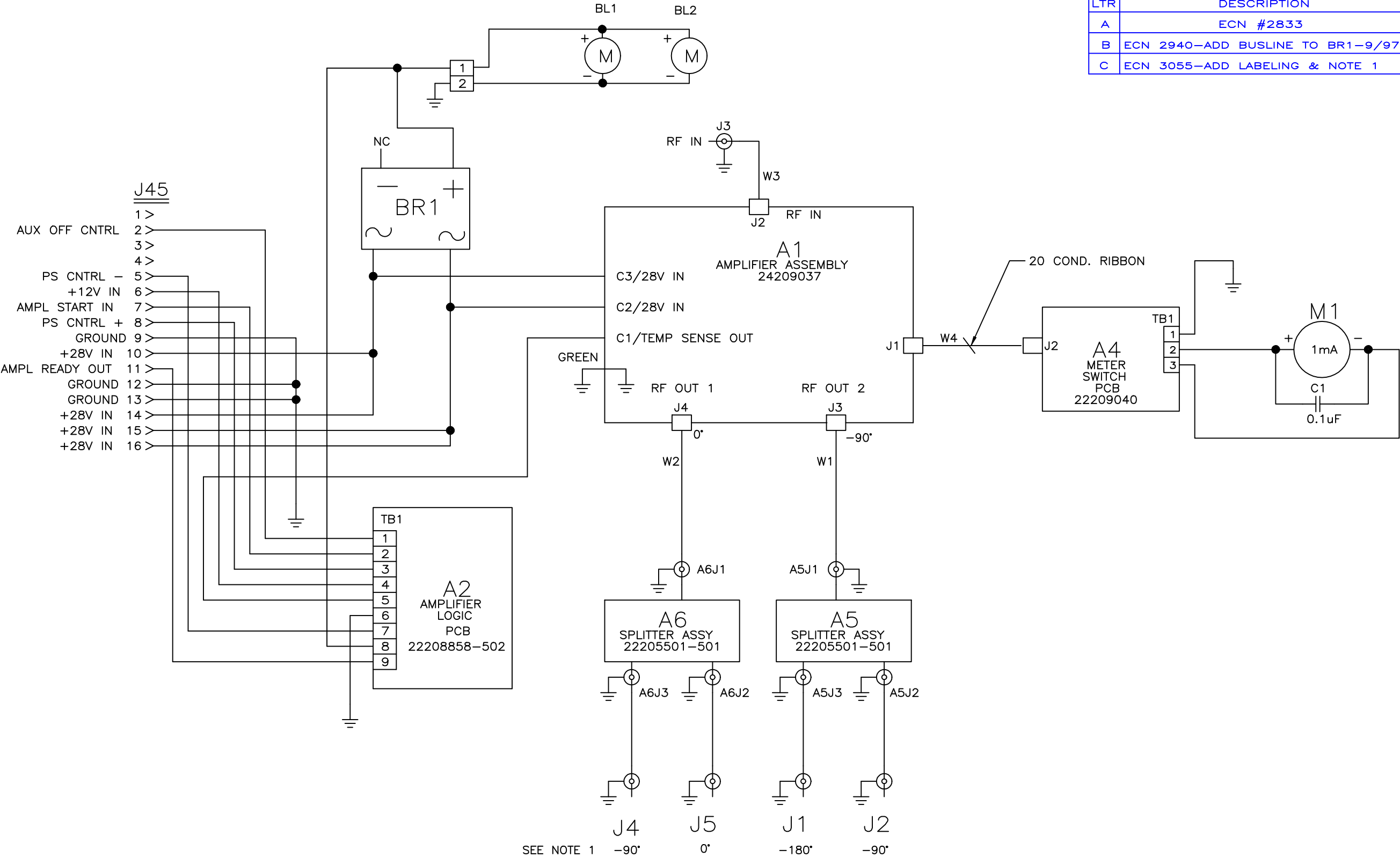
REVISIONS			
LTR	DESCRIPTION	DRAWN	APR DATE

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 515 TOWNSHIP LINE ROAD BLUE BELL PA. 19422
			DRAWN	YMP 12/22/94	
			CHECKED	cm 12/29/94	
			MECH ENGR		
		FINISH	ELECT ENGR		TITLE CONTROLS AND INDICATORS IPA DRAWER
			APPROVAL		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		
			DECIMALS ANGLES .XX +/- .01 .XXX +/- .005 +/- 1/2		
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SIZE CODE ID DRAWING NO. REV B 51336 22009163
APPLICATION			MATERIAL	SCALE	SHEET 1 OF 1

MANUAL MASTER

REVISIONS

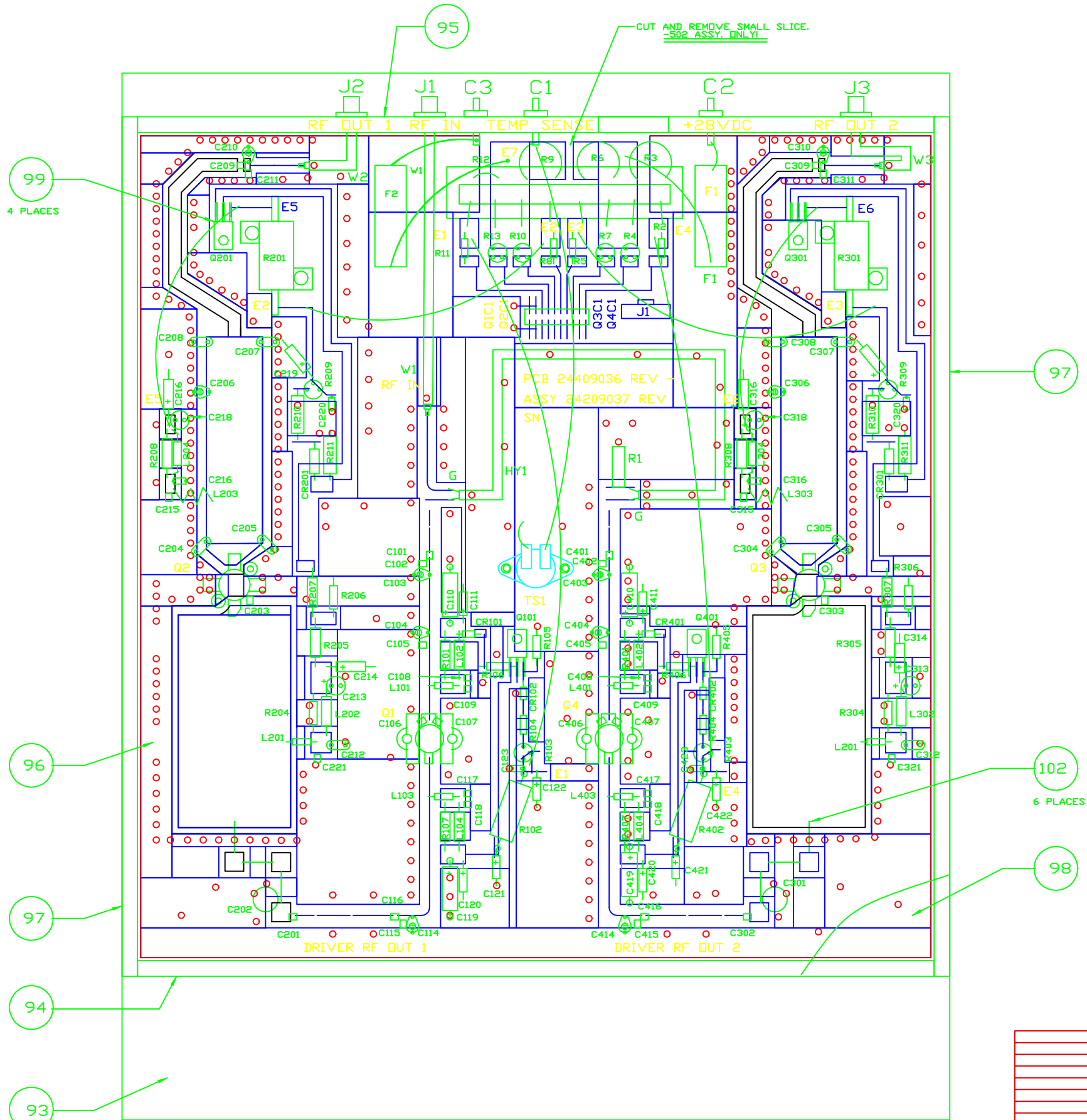
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN #2833	DRAWN	MB	4/97
B	ECN 2940-ADD BUSLINE TO BR1-9/97	hcc	MB	10/97
C	ECN 3055-ADD LABELING & NOTE 1	HFG 3/98		



NOTES:
1. OUTPUT SIGNAL PHASE REFERENCES ARE RELATIVE TO RF OUTPUT 4, J5.

PARTS LIST		DRAWN		HFG		9/95	
CHECKED		MECH ENGR		ELECT ENGR		APPROVAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		DECIMALS		ANGLES		NEXT ASSY	
.XX +/- .01		.XXX +/- .005		+/- 1/2		USED ON	
DO NOT SCALE DRAWING		APPLICATION		MATERIAL		FINISH	
ACRODYNE		ACRODYNE INDUSTRIES INC.		516 TOWNSHIP LINE ROAD		BLUE BELL PA. 19422	
TITLE		WIRING DIAGRAM,DUAL QUAD		PHASE VHF AMP DRAWER		SIZE	
B		CODE ID		DRAWING NO.		REV	
51336		22509679		C		SCALE	
SHEET		1		OF		1	

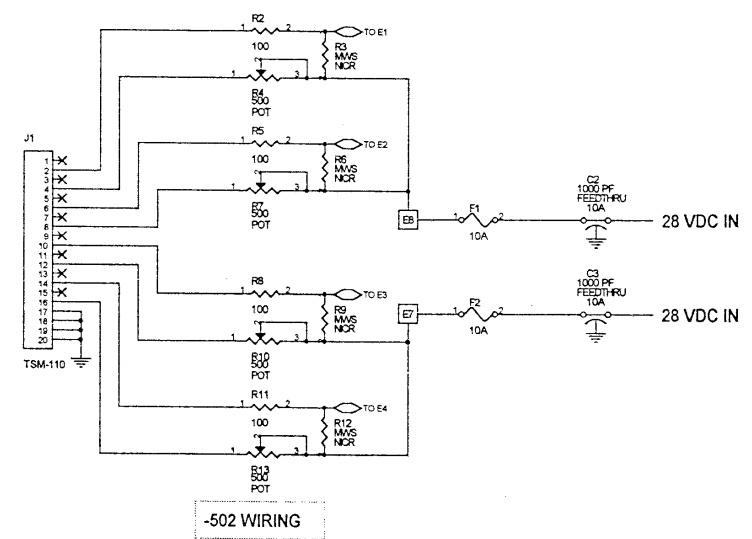
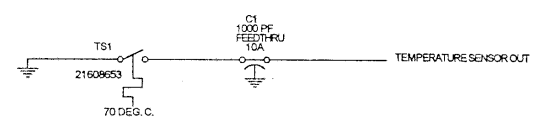
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -502 ASSY.	MTS		



NOTES:
1. C3 AND F2 FOR -502 ASSY. ONLY!

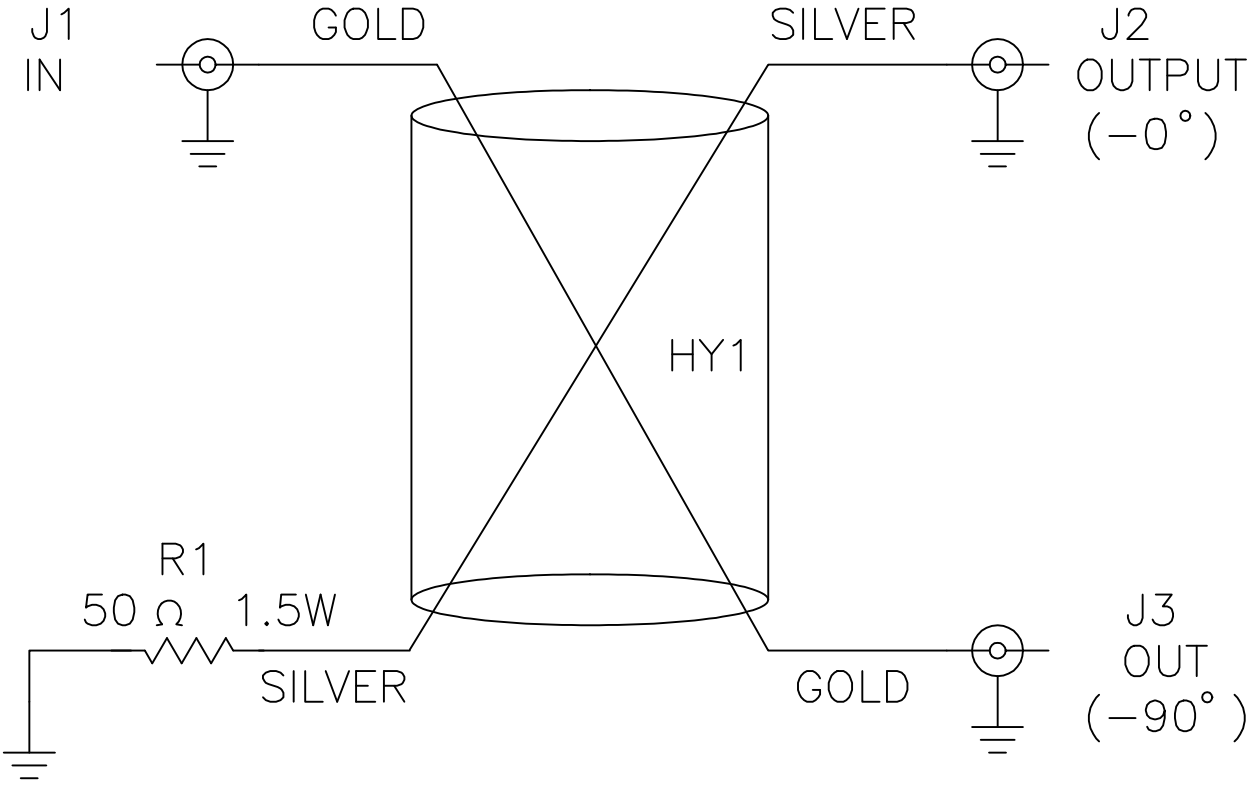
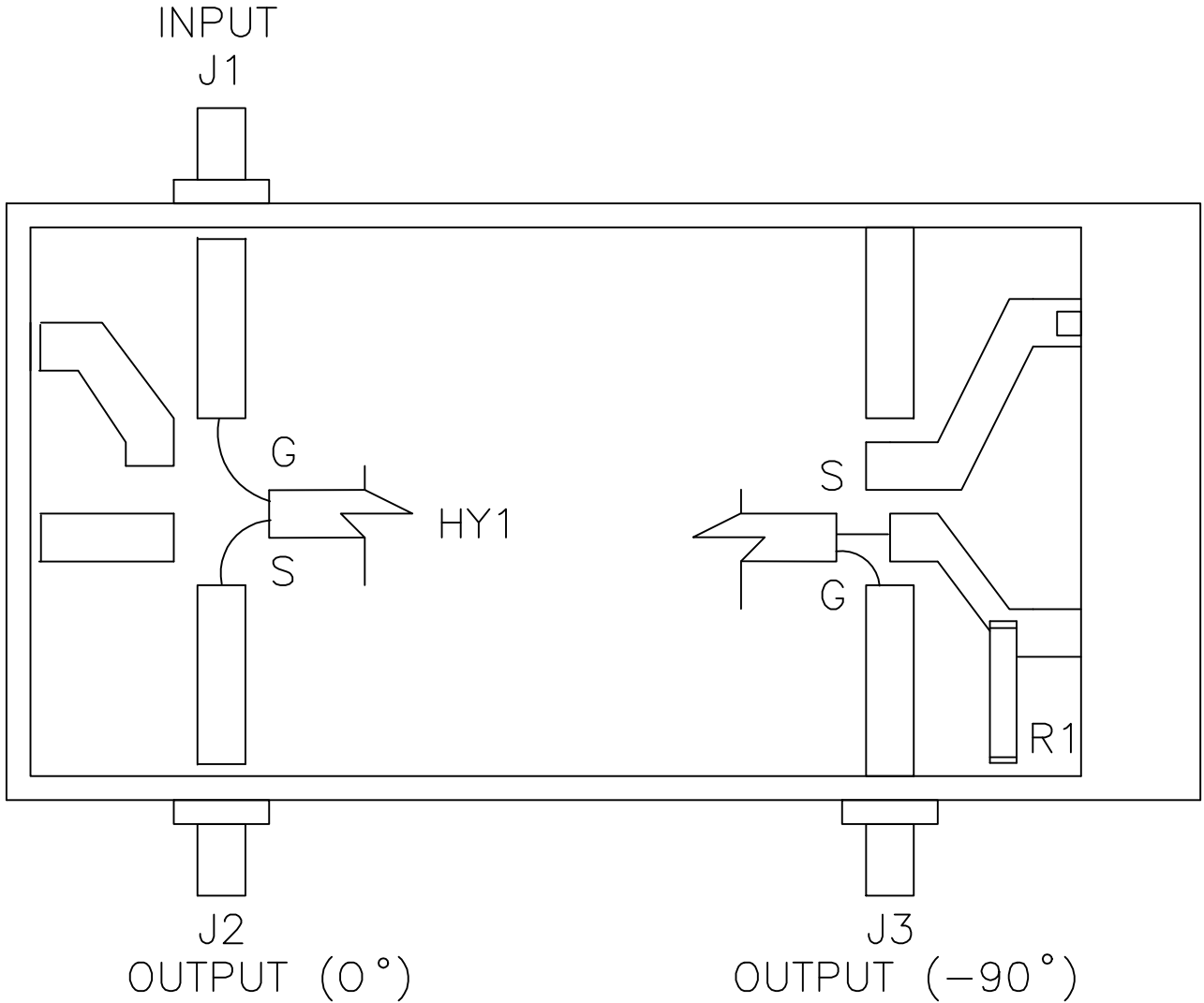
			PARTS LIST		ACRODYNE INDUSTRIES	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422	
			DRAWN	CSM 18/81/94			
			CHECKED				
			MECH ENGR				
			ELECT ENGR				
		FINISH	APPROVAL		TITLE		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			ASSEMBLY DUAL 30 WATT IPA PCB	
			DECIMALS .XX +/- .015	ANGLES .XXX +/- .005			
						SIZE D	CODE ID 51336
						DRAWING NO. 24209037	
NEXT ASSY	USED ON					REV A	
APPLICATION		MATERIAL	DO NOT SCALE DRAWING			SCALE 1/1	
						SHEET 1 OF 1	

C112 C113
C412 C413



DRAWN BY: MMC DATE: 10/25/95		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
CHECKED BY: MB DATE: 11/1/95		SCHEMATIC, DUAL QUADRATURE PHASE VHF AMPLIFIER HEATSINK			
APPROVED BY: MB DATE: 11/1/95					
NEXT ASSY - 24209037		Size	CAGE CODE	EWING NO	Rev
Thursday, March 26, 1998		D	51336	24509058	A
Scale				Sheet	1 of 1

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -502	MTS		
B	ADDED -503	CMI	MB	6/96
C	ECN 2888 - NEW CHART, ACAD - 8/97	hcc		

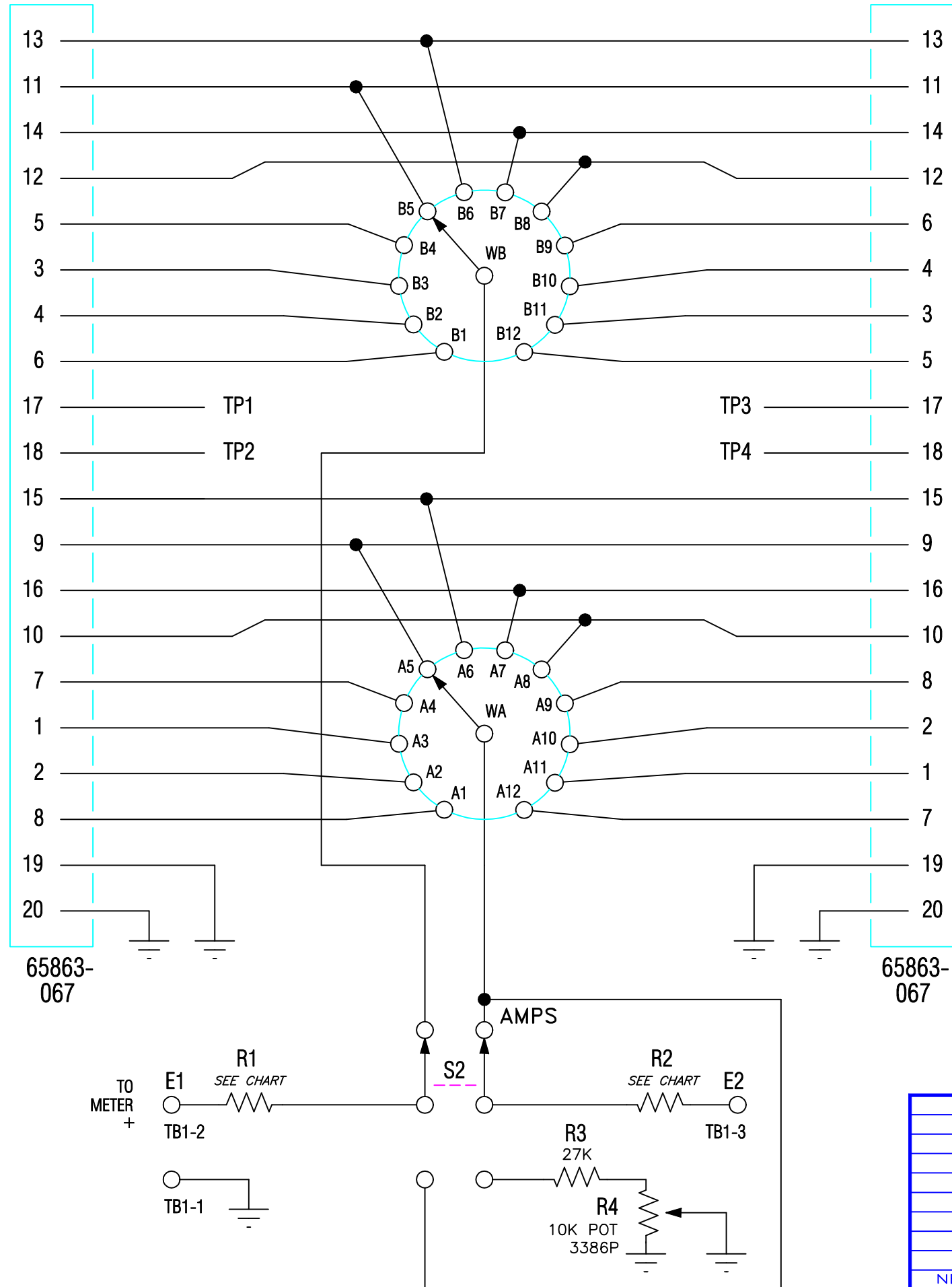


NOTES:
 1. LENGTH OF HY1 IS 2.5" BY CHANNEL .

-503

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	MTS				
			CHECKED					
			MECH ENGR					
		FINISH	ELECT ENGR		TITLE DETAIL, 3dB HYBRID SPLITTER			
			APPROVAL					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES	SIZE	CODE ID	DRAWING NO.	REV
			.XX +/- .01					
			.XXX +/- .005	+/- 1/2				
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE		SHEET 3 OF 3	
APPLICATION		MATERIAL						

J1



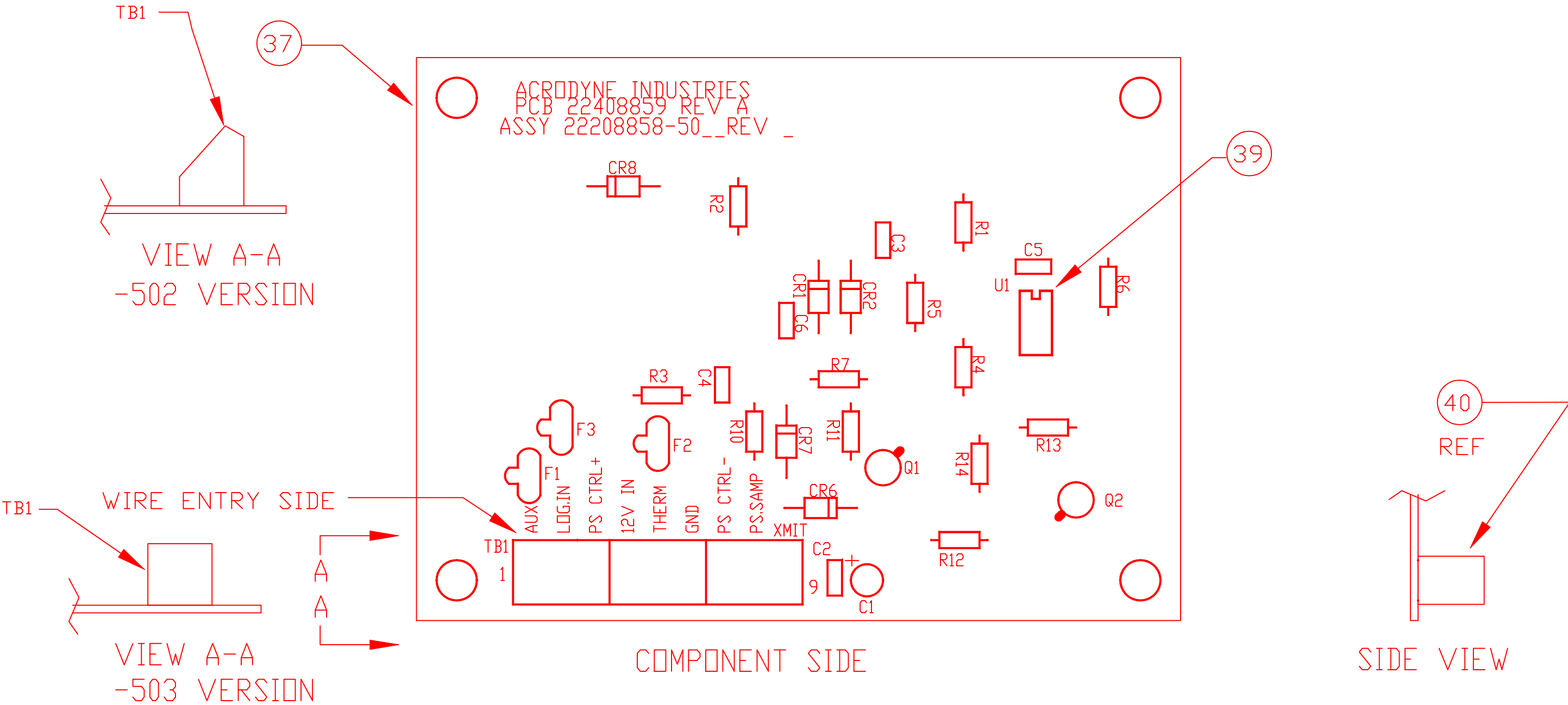
J2

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 2967 ADDED -503 & R1,R2 CHART	DRAWN	MB	10/97
B	ECN 3047-CORRECT & REDRAW ON ACAD-3/98	DRAWN		

R1,R2	
VERSIONS	VALUE
-501	51ohm
-502	51ohm
-503	5.6ohm

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422					
			DRAWN	MTS					12/94	
			CHECKED							
			MECH ENGR							
		FINISH	ELECT ENGR		TITLE UNIVERSAL METER SWITCH BOARD					
			APPROVAL						WFS	6/97
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES							
			DECIMALS ANGLES .XX +/--.01 .XXX +/--.005 +/- 1/2							
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			SIZE B	CODE ID 51336	DRAWING NO. 22509158	REV B	
APPLICATION		MATERIAL		SCALE: N/A			SHEET 1 OF 1			

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	PCB 22408859 REVISION A DESIGN	MMC 12/97		



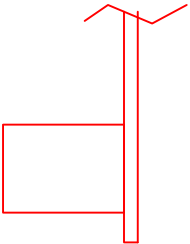
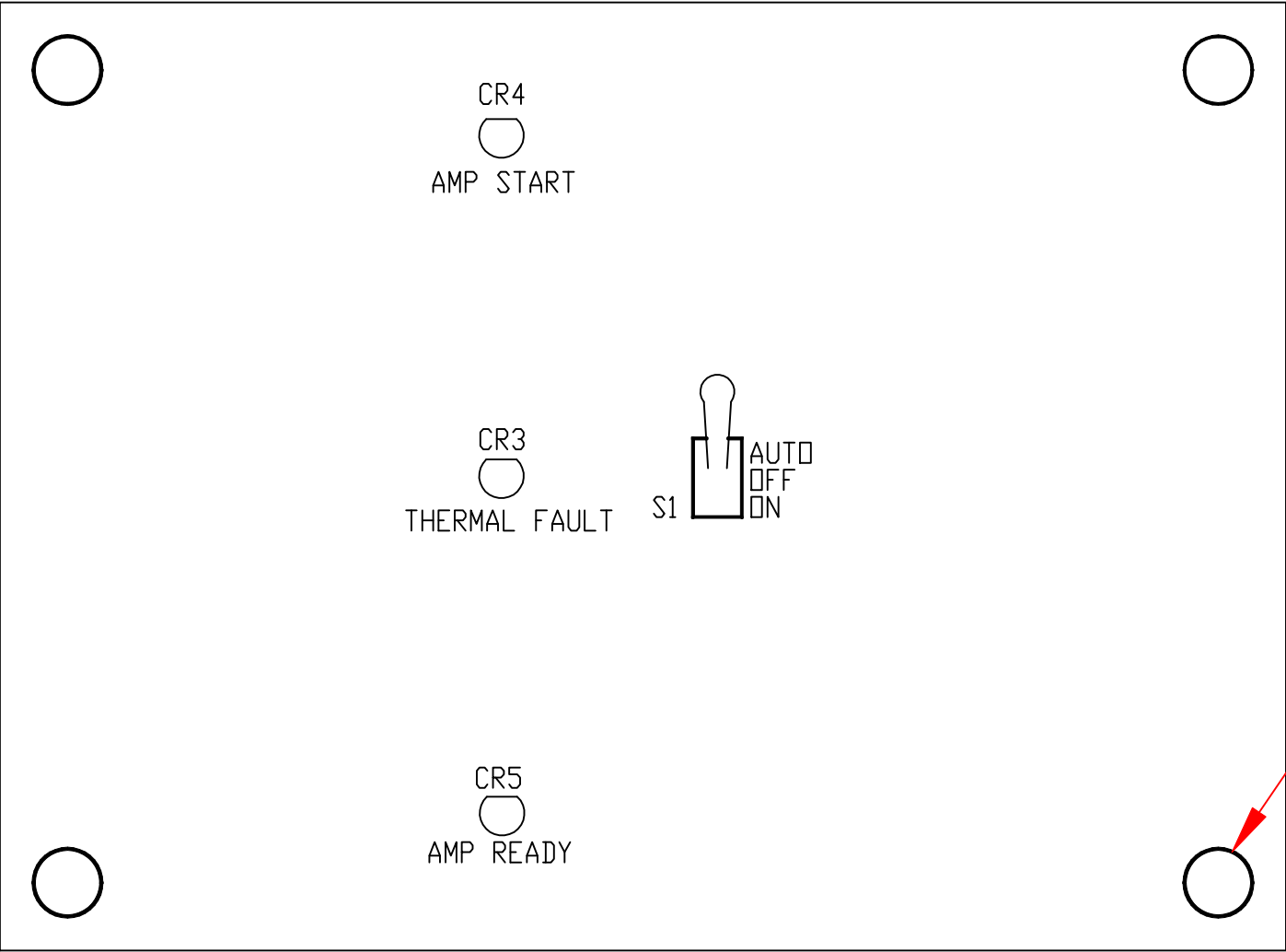
NOTES

1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

-503, -502

		PARTS LIST			ACRODYNE				ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA 19422		
		DRAWN	HFG		TITLE ASSEMBLY; SOLID STATE AMPLIFIER CONTROL CIRCUIT PCB						
		CHECKED									
		MECH ENGR									
		ELEC ENGR									
		APPROVAL									
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE	CODE ID	DRAWING NUMBER		REV		
NEXT ASSY	USED ON	DECIMALS .XX +/- .015 ANGLES .XXX +/- .005 DO NOT SCALE DRAWING +/- 1/2			B	51336	22208858		A		
APPLICATION					SCALE	NONE		SHEET 3	OF	4	

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	PCB 22408859 REVISION A DESIGN	MMC 12/97		



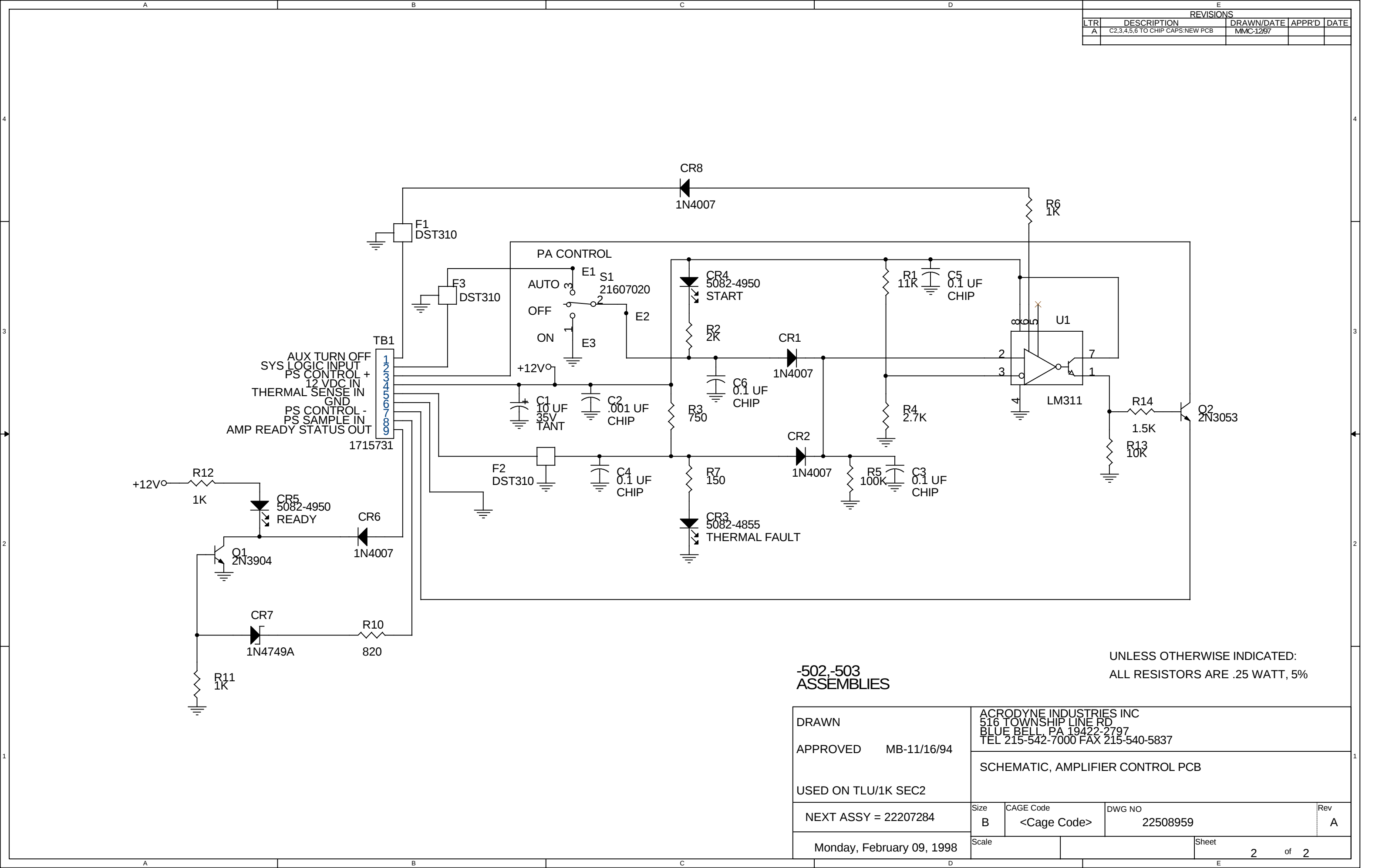
SIDE VIEW

NOTES

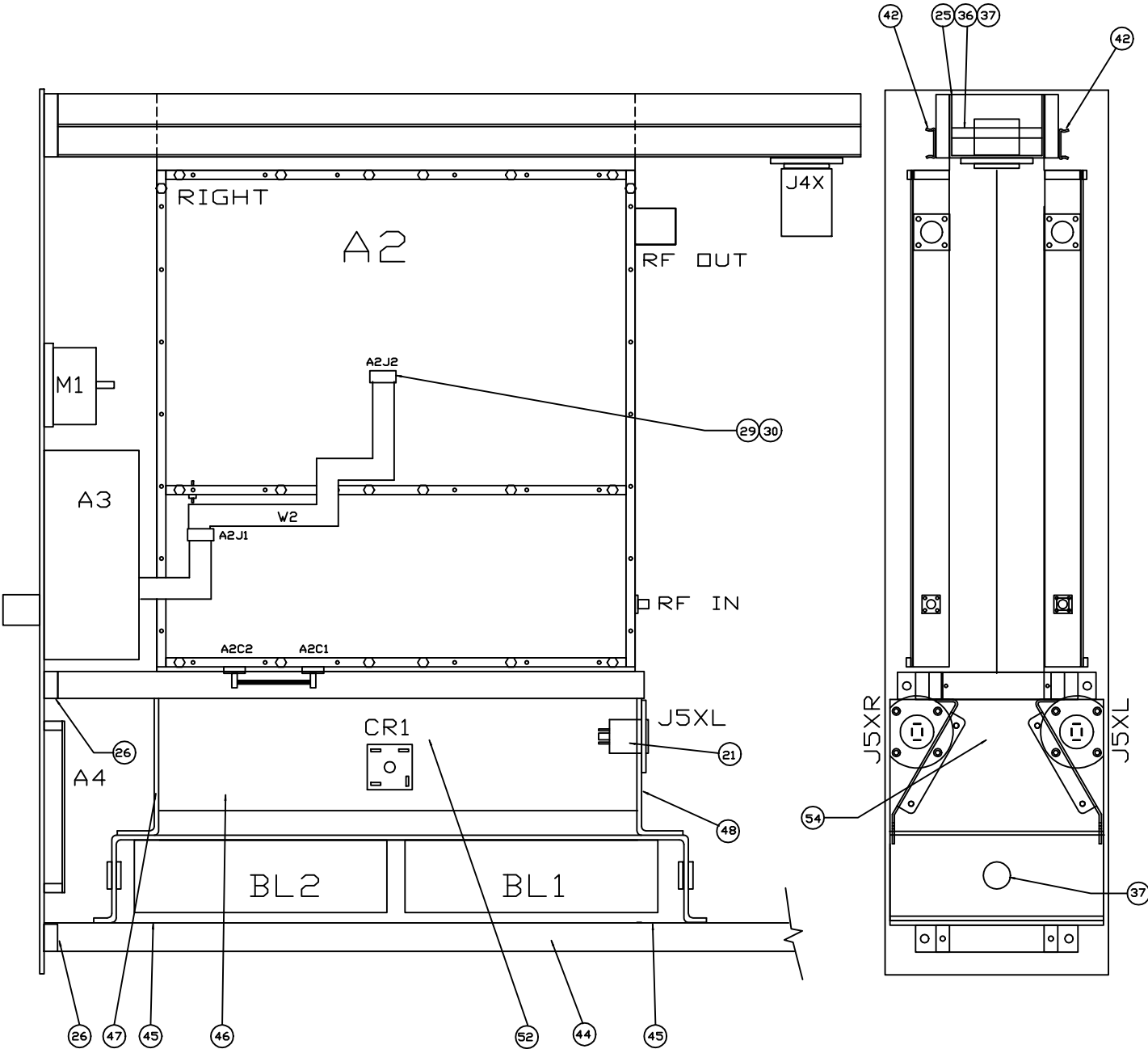
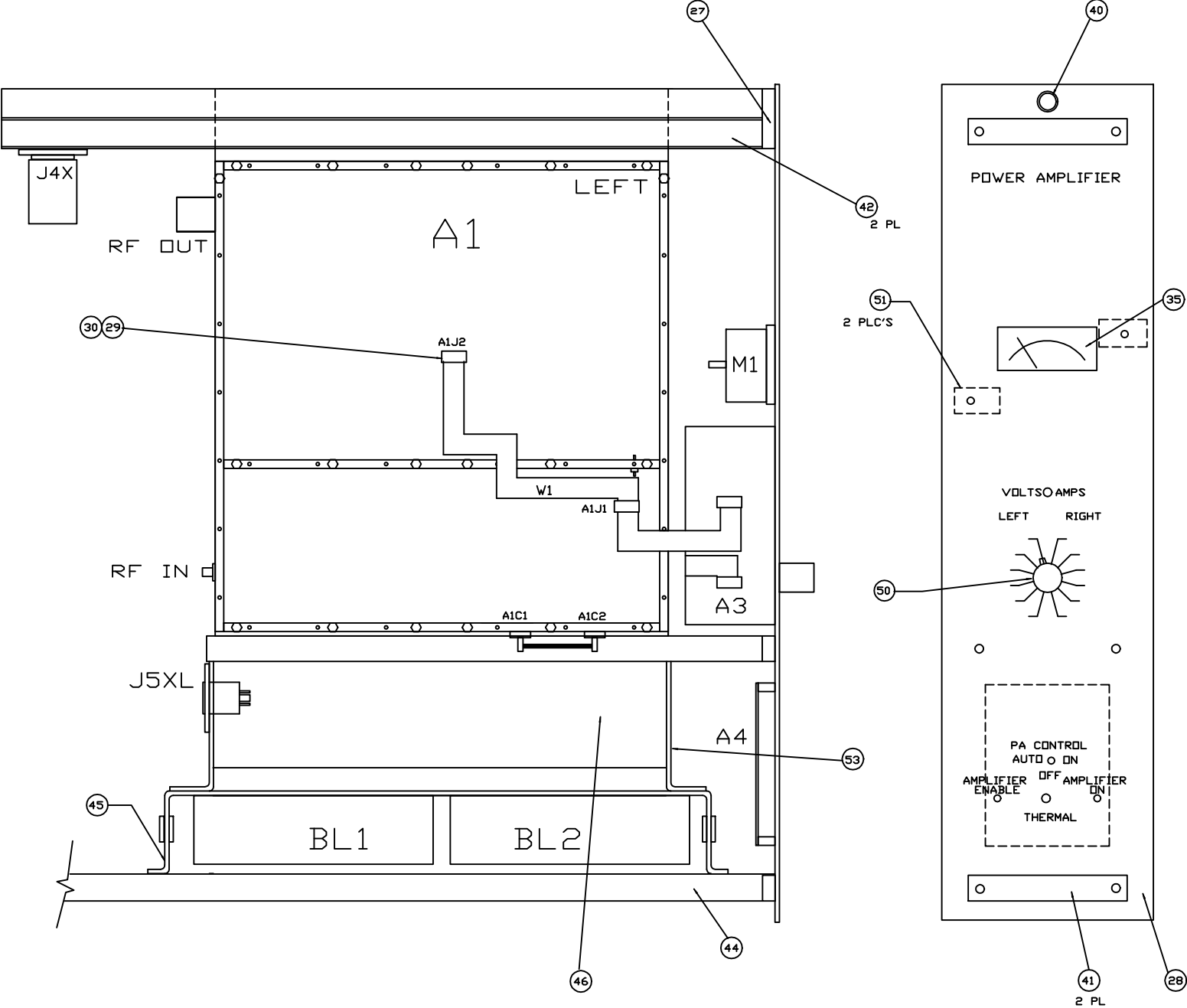
- 1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
- 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
- 3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
- 4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
- 5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

-502,-503

		PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA 19422			
		DRAWN	HFG					
		CHECKED			TITLE ASSEMBLY; SOLID STATE AMPLIFIER CONTROL CIRCUIT PCB			
		MECH ENGR						
		ELEC ENGR						
		APPROVAL						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE	CODE ID	DRAWING NUMBER	REV
NEXT ASSY		TOLERANCES			B	51336	22208858	A
		DECIMALS .XX +/- .015 .XXX +/- .005						
APPLICATION		ANGLES +/- 1/2 DO NOT SCALE DRAWING			SCALE	NONE	SHEET 4 OF 4	

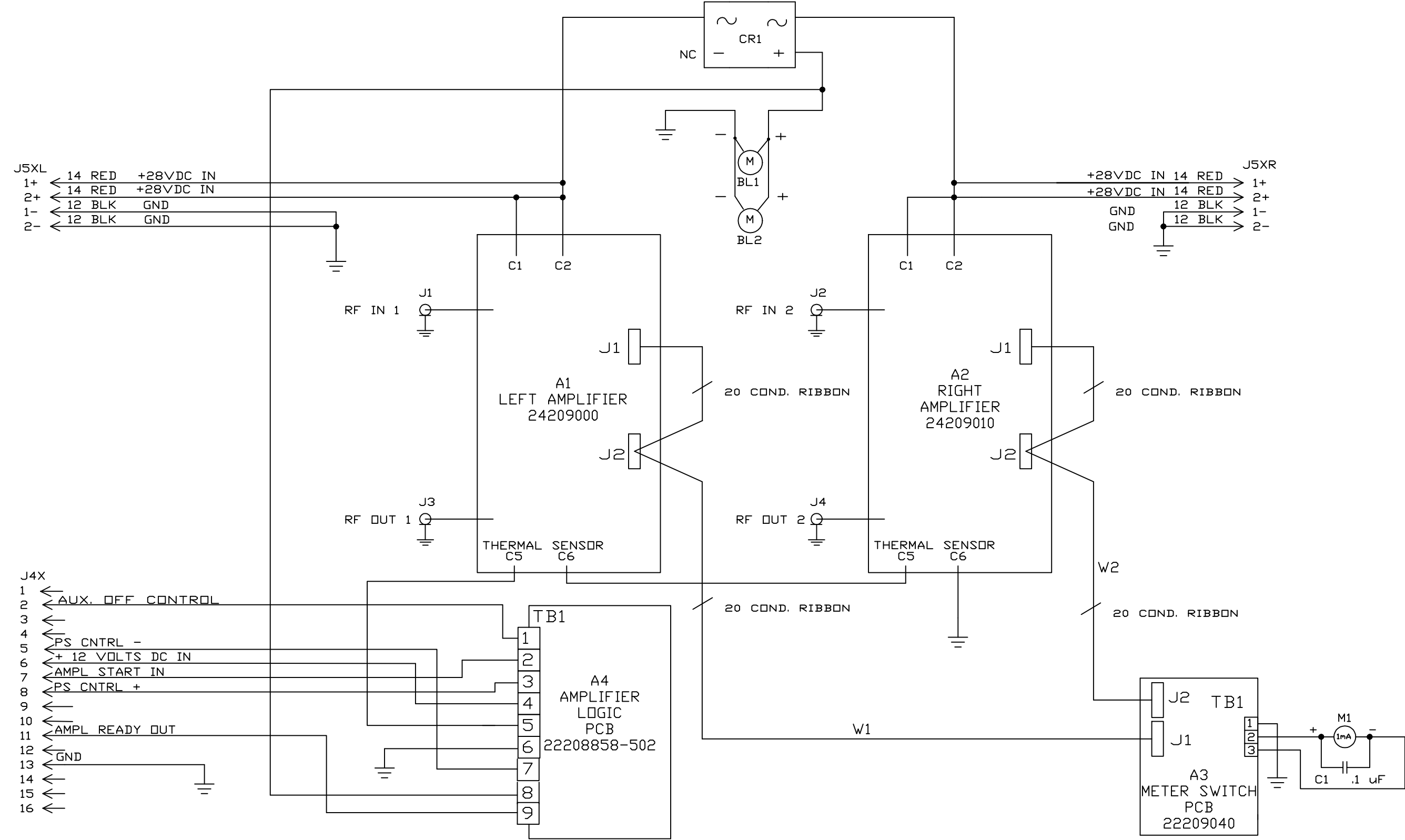


REVISIONS			
LTR	DESCRIPTION	DRAWN	APPROVE
A	CHANGED ITEM 50 TO # PL1	MMC	CSM 12/5/95
B	PL. CHANGES PER ECN #3066	HFG 4/1/98	MB 04/98
C	ITEM #31 WAS CHANGED TO REFF. DES. V1 & V2. 08/98	MTS	MB 08/98
D	ITEM #24 WAS 24209082, #35 WAS 2131117, #50 WAS PL1	JJC 10/06/98	



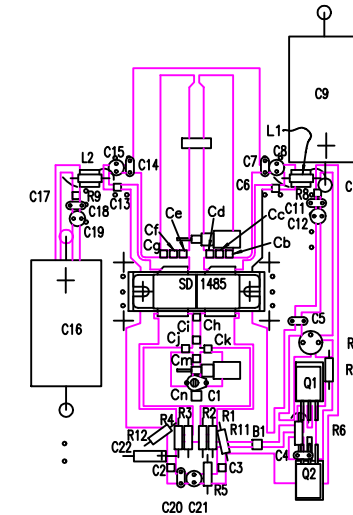
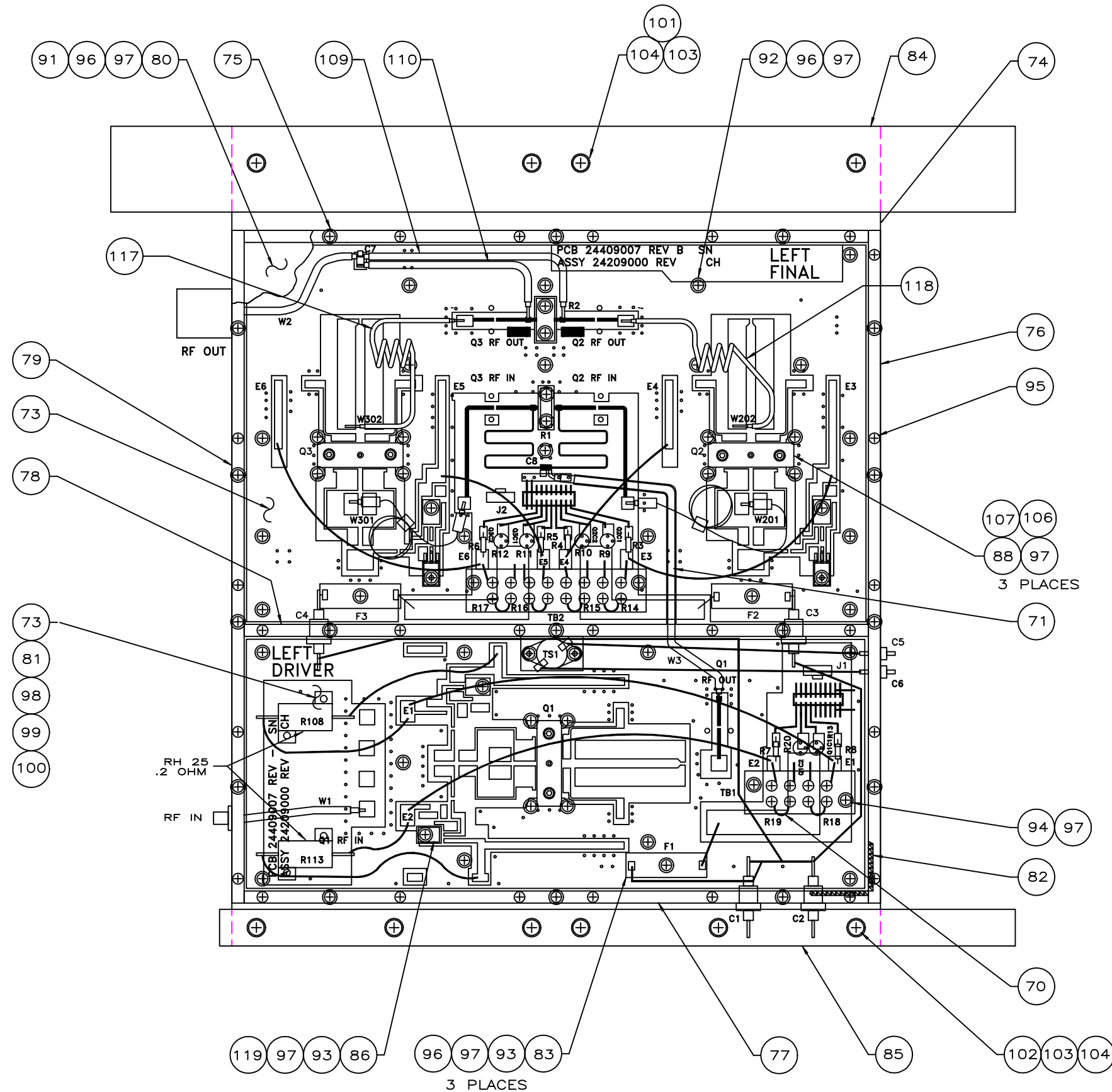
PARTS LIST			
DRAWN	CSM	12/5/94	
CHECKED			
MECH ENGR			
ELECT ENGR			
APPROVAL	MB	12/94	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			
DECIMALS	XX	+/- .015	ANGLES
XXX	+/- .005	+/- 1/2	
DO NOT SCALE DRAWING			
ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422			
TITLE			
ASSEMBLY 600 WATT VHF HIGHBAND PA			
SIZE	CODE	ID	DRAWING NO.
D	51336		24209082
SCALE	SHEET 1 OF 1		

REVISIONS				
LTR	DESCRIPTION			DRAWN
A	MAJOR UPDATING AND CALLED OUT W1 & W2. 08/98			MTS
		APR	DATE	



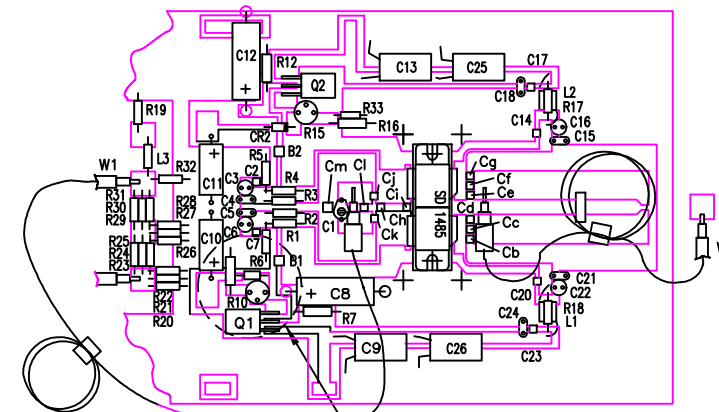
				PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
				DRAWN	SJT 12/28/94		
				CHECKED		TITLE WIRING DIAGRAM, 600WATT VHF HIGH BAND AMPLIFIER DRAWER	
				MECH ENGR			
				ELECT ENGR		SIZE CODE ID DRAWING NO. REV B 51336 22509167 A	
				APPROVAL			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SCALE SHEET 1 OF 1	
				DECIMALS .XX +/- .015	ANGLES +/- 1/2		
				XXX +/- .003		DO NOT SCALE DRAWING	
				APPLICATION	MATERIAL		

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 2436 - 2/6/95	MTS	B	3/95
B	ECN 2499 - 11/13/95	CM	B	12/2/95
C	P.L. CHANGE - 11/29/95	MC	B	12/2/95
D	REPLACE R13,R14 with R108,R113	hec	B	1/96
E	ECN 2538	MMC	B	1/96
F	ECN 2677 (PL CHANGES) - 11/96	hec	B	11/96
G	ECN 2898 (PL CHANGES) - 9/97	hec	B	10/97
H	ECN 3011/3012, UPDATE TO ACAD - 1/98	hec	B	2/98
I	ECN 3094 & 3060, UPDATE PCB TO REV. B 3/98	HFG	B	4/8/98
J	ECN 33115 & 3116, UPDATE ADD ITEM 119 (SEE ECN,S) 4/98	DWM	MV	
K	SEE ECN'S 3160 & 3225 - 9/9/98	JJC		
L	SEE ECN'S 3298 12/17/98	JJC		



```
Q2  ALL PART REFERENCES BEGIN
    WITH 200 (R5 --> R205)
Q3  ALL PART REFERENCES BEGIN
    WITH 300 (R5 --> R305)
```

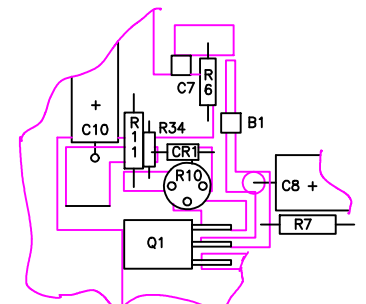
CLASS AB Q2, Q3



SEE DETAIL A

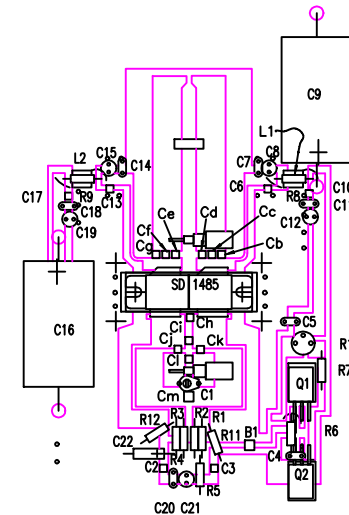
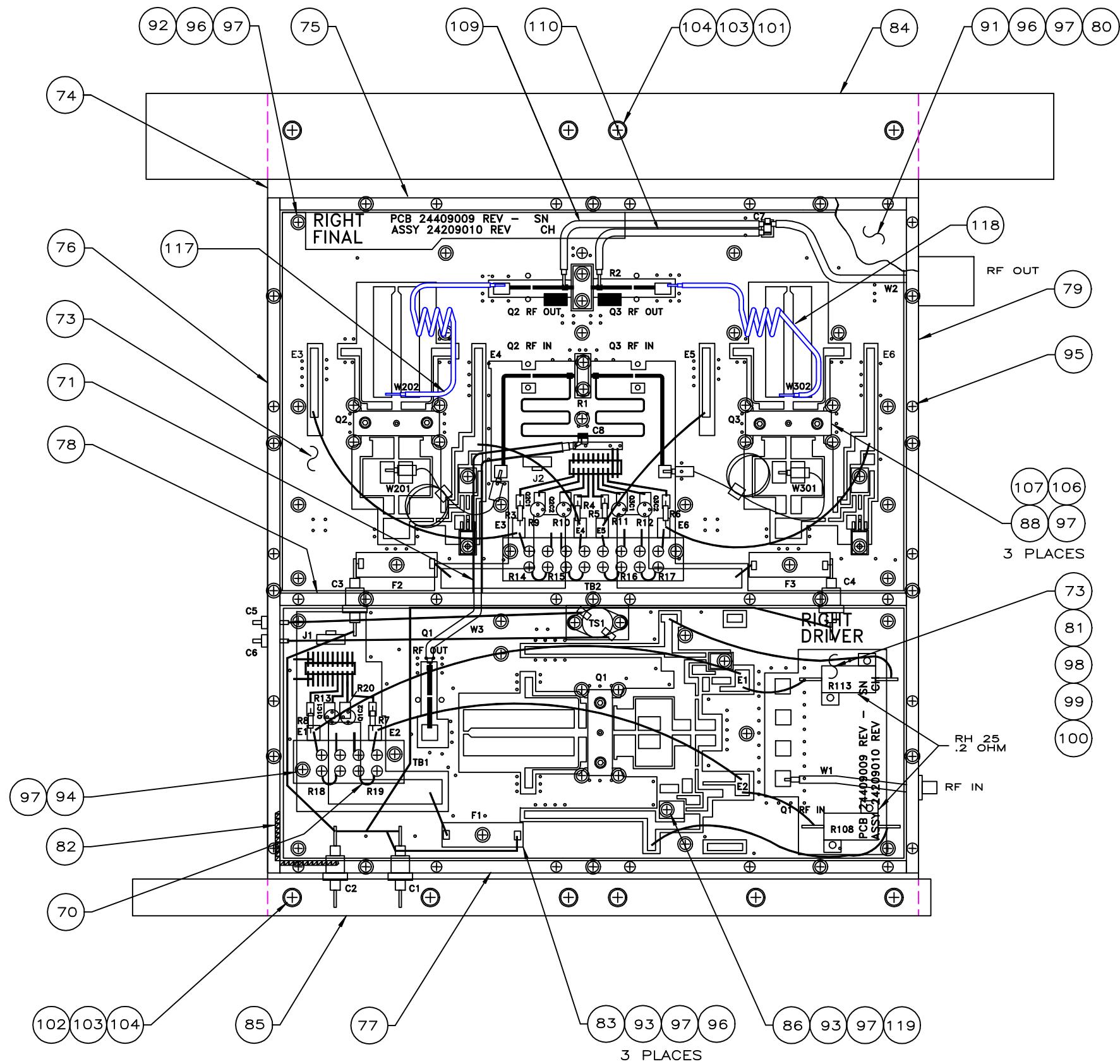
ALL PART REFERENCES BEGIN WITH 100 (R1-->101)

CLASS A Q1



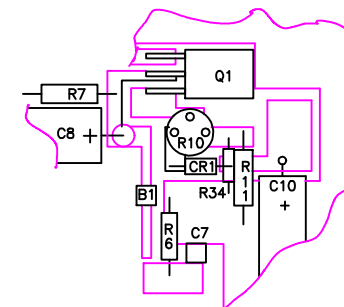
DETAIL A

				PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES, INC. 518 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
				DRAWN	HFG	11/17/04				
				CHECKED						
				MECH ENGR						
			FINISH	ELECT ENGR						
				APPROVAL	MB	3/95				
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			TITLE			
				DECIMALS		ANGLES	ASSEMBLY, VHF HIGH			
				.XX +/- .015		.	BAND LEFT 300 W PA			
				.XXX +/- .005		+/- 1/2	SIZE	CODE ID	DRAWING NO.	REV L
NEXT ASSY			USED ON				D	51336	24209000	
APPLICATION		MATERIAL		DO NOT SCALE DRAWING			SCALE		SHEET	OF
									1	1



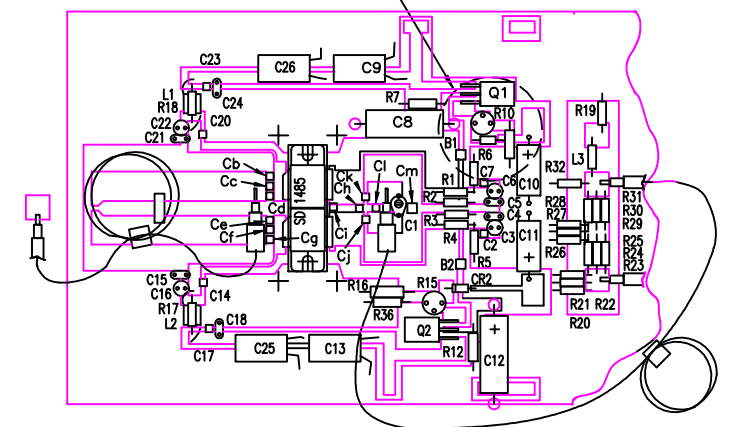
- Q2 ALL PART REFERENCES BEGIN WITH 200 (R5 --> R205)
Q3 ALL PART REFERENCES BEGIN WITH 300 (R5 --> R305)

CLASS AB Q2, Q3



DETAIL A

SEE DETAIL A



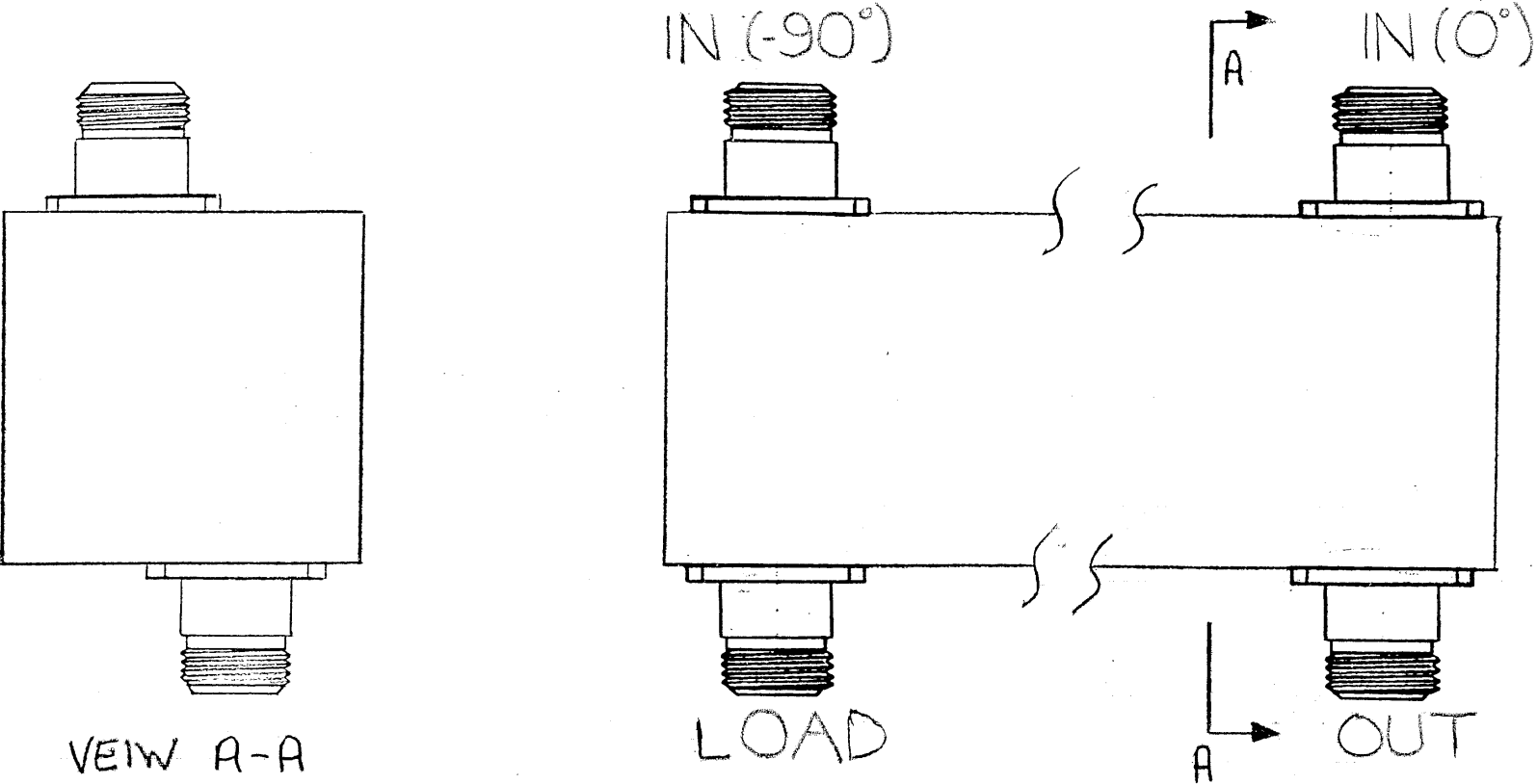
ALL PART REFERENCES BEGIN WITH 100 (R1-->101)

CLASS A Q1

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 2436 - 2/6/95	MTS	B	3/95
B	ECN 2499 - 11/13/95	CM	B	12/2/95
C	P.L. CHANGE - 11/29/95	MC	B	12/2/95
D	REPLACE R13,R14 with R108,R113	hcc	B	1/96
E	ECN 2538	MMC	B	1/96
F	ECN 2674 (PL CHANGES) - 11/96	hcc	B	1/96
G	ECN 2898 (PL CHANGES) - 9/97	hcc	B	10/97
H	ECN 3011/3012, UPDATE TO ACAD - 1/98	hcc	B	2/98
I	ECN 3094 & 3060, UPDATE PCB TO REV B 3/98	HFG	B	4/98
J	ECN 3117, ADDED ITEM 119, DWM 4/25/98	DWM	MV	
K	SEE ECN'S 3160 & 3225 - 9/9/98	JJC		

PARTS LIST		DRAWN HFG 12/94		ACRODYNE INDUSTRIES, INC.	
CHECKED		MECH ENGR		515 TOWNSHIP LINE ROAD	
ELECT ENGR		APPROVAL MB 12/94		BLUE BELL PA. 19422	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES		TITLE	
DECIMALS .XX +/- .015		ANGLES +/- 1/2		ASSEMBLY, VHF HIGH BAND RIGHT 300 W PA	
NEXT ASSY USED ON APPLICATION		MATERIAL		SIZE CODE ID D 51336	
DO NOT SCALE DRAWING		SCALE		DRAWING NO. 24209010	
				REV K	
				SHEET 1 OF 1	

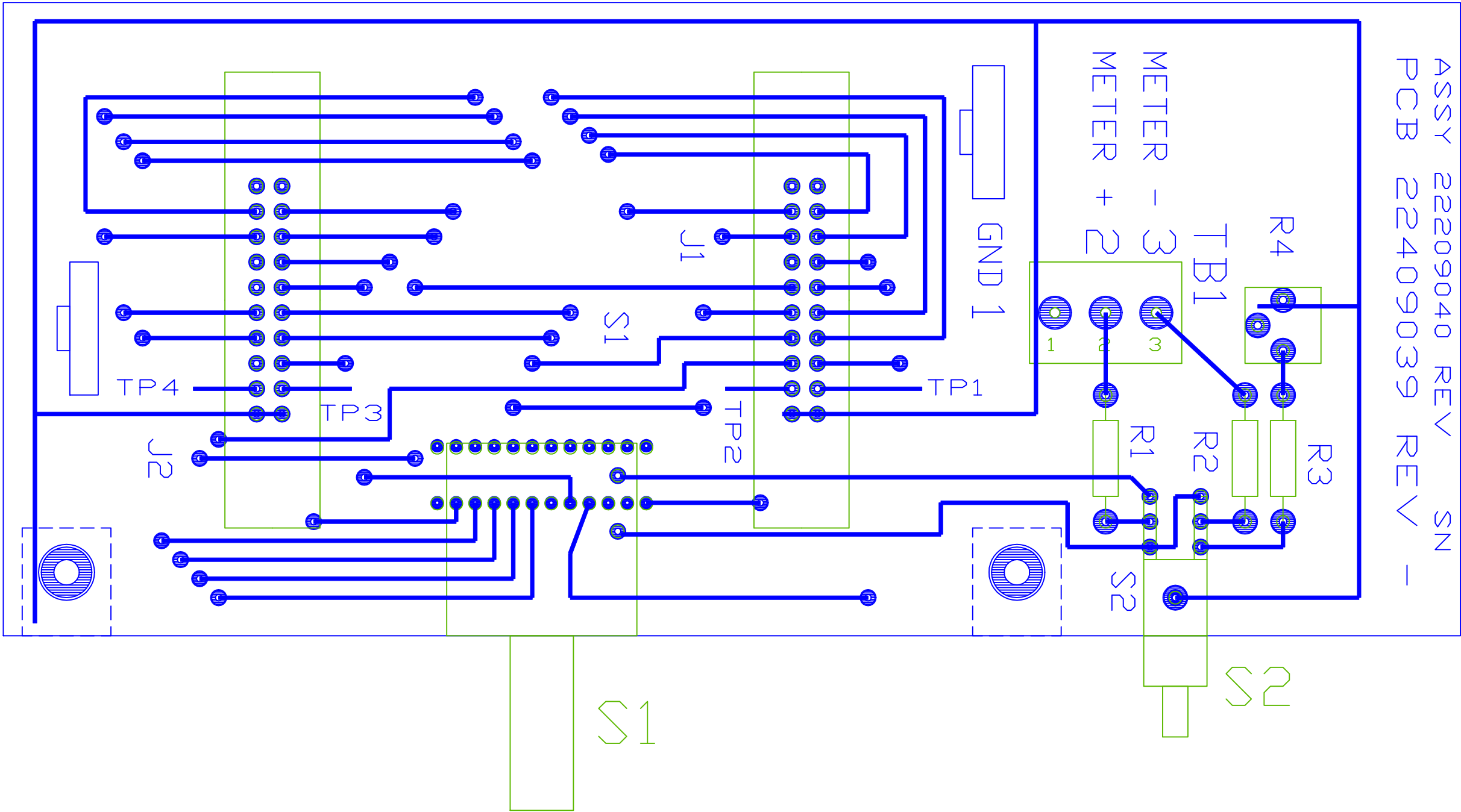
REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
A	ADDED VIEW A-A	cm	cm	7/25/95
B	CHANGED PART ID, FOR ITEM #8 IN PL. 2/2/96 CIM	cm	cm	2/6/96
C	REMOVED ITEM # 19, CHANGED PN FOR ITEM # 7 AND CORRECTED PN. FOR ITEM # 8 IN PL. CH 5/28/96	cm	cm	7/23/96
D	ADDED LABELS FOR CLARITY 6/26/98	JJC	cm	7/9/98



NOTE: PORTS REFERENCES ARE FOR
USEAGE AS A COMBINER

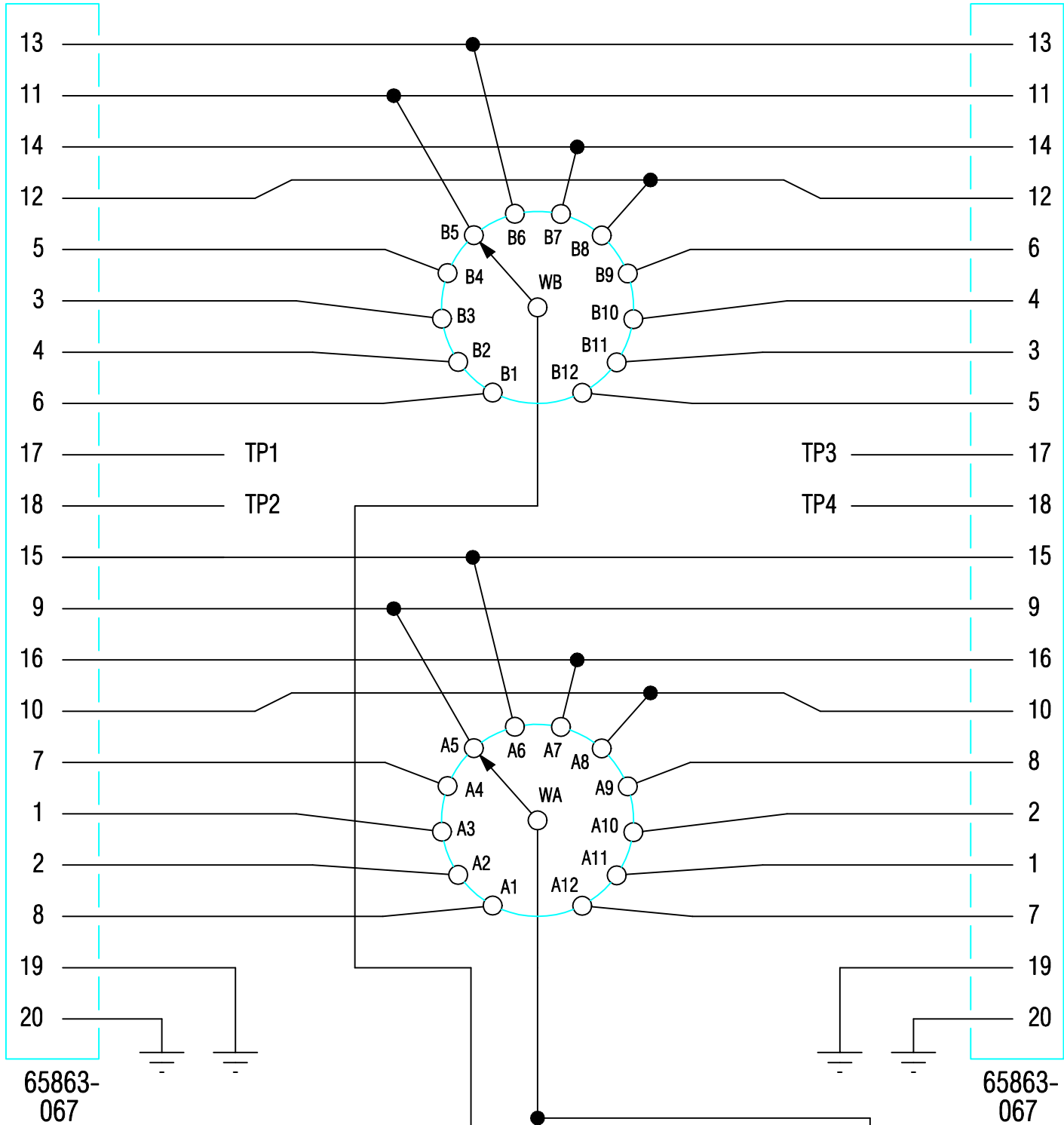
VISUAL AMPLIFIER COMBINER			
			PARTS LIST DRAWN M. PETRIE 1/24/89 CHECKED CMORE 6/1/90 MECH ENGR ELEC ENGR APPROVAL B. Hulse 6/13/90 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ANGLES .XX ± .XXX ± 1/2° DO NOT SCALE DRAWING
			ACRODYNE INDUSTRIES Acrodyne Industries Inc 516 Township Line Road Blue Bell, Pennsylvania 19422
			TITLE ASSEMBLY, VHF HIGH HYBRID SPLITTER/COMBINER
			SIZE B CODE IDENT 51336 DRAWING NO. 22207801 REV D
			SCALE 1:1 SHEET 1 OF 1
24207450	TRH/IKS		APPLICATION MATERIAL
NEXT ASSY	USED ON		

REVISIONS					
LTR	DESCRIPTION	DRAWN	APR	DATE	
A	DESCRIPTION OF -501 & 502 ADDED TO PL.	06/97	EJM	CSM	06/97
B	ECN #2967 & ADDED -503 ASSY TO THE PL.	09/97	HFG	MB	10/97
C	ADDED -504 ASSY TO THE PL.	10/97	MTS	MB	10/31/97
D	ADDED -505 ASSY & ITEMS 17 - 21 TO THE PL.	3/25/98	HFG		
E	ADDED PAGE 2 WITH -01 THRU -05 PIN SETTINGS	4/27/99	SMJ		
F	ADDED TEXT TO REFERENCE PIN SETTINGS TO BOARD VERSION		SMJ		



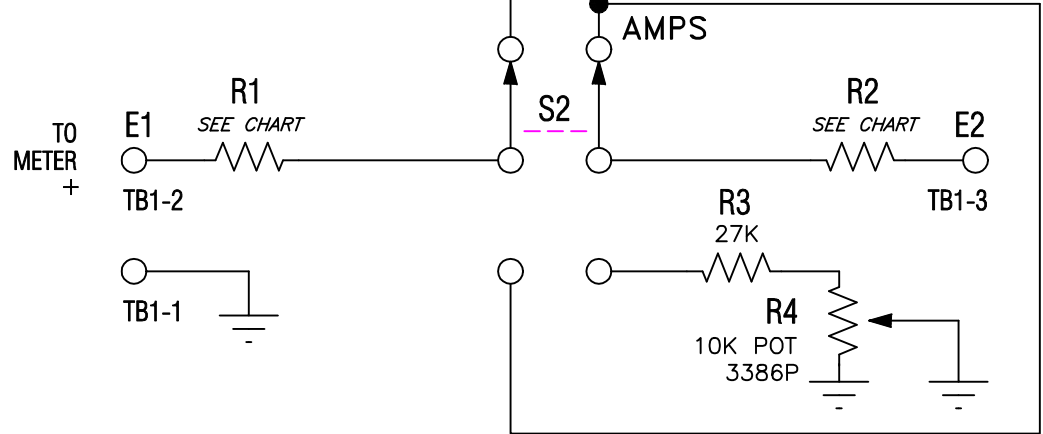
			PARTS LIST		ACRODYNE INDUSTRIES ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422						
			DRAWN	CSM					11/02/94		
			CHECKED								
			MECH ENGR								
			ELECT ENGR								
		FINISH	APPROVAL		MB	06/97		TITLE ASSEMBLY UNIVERSAL SWITCH PC BOARD			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES								
			DECIMALS		ANGLES						
			.XX +/- .015								
			.XXX +/- .005		+/- 1/2						
NEXT ASSY	USED ON			DO NOT SCALE DRAWING				SIZE		CODE ID	DRAWING NO.
							B		51336	22209040	F
APPLICATION		MATERIAL					SCALE		SHEET 1 OF 2		

J1



65863-067

65863-067



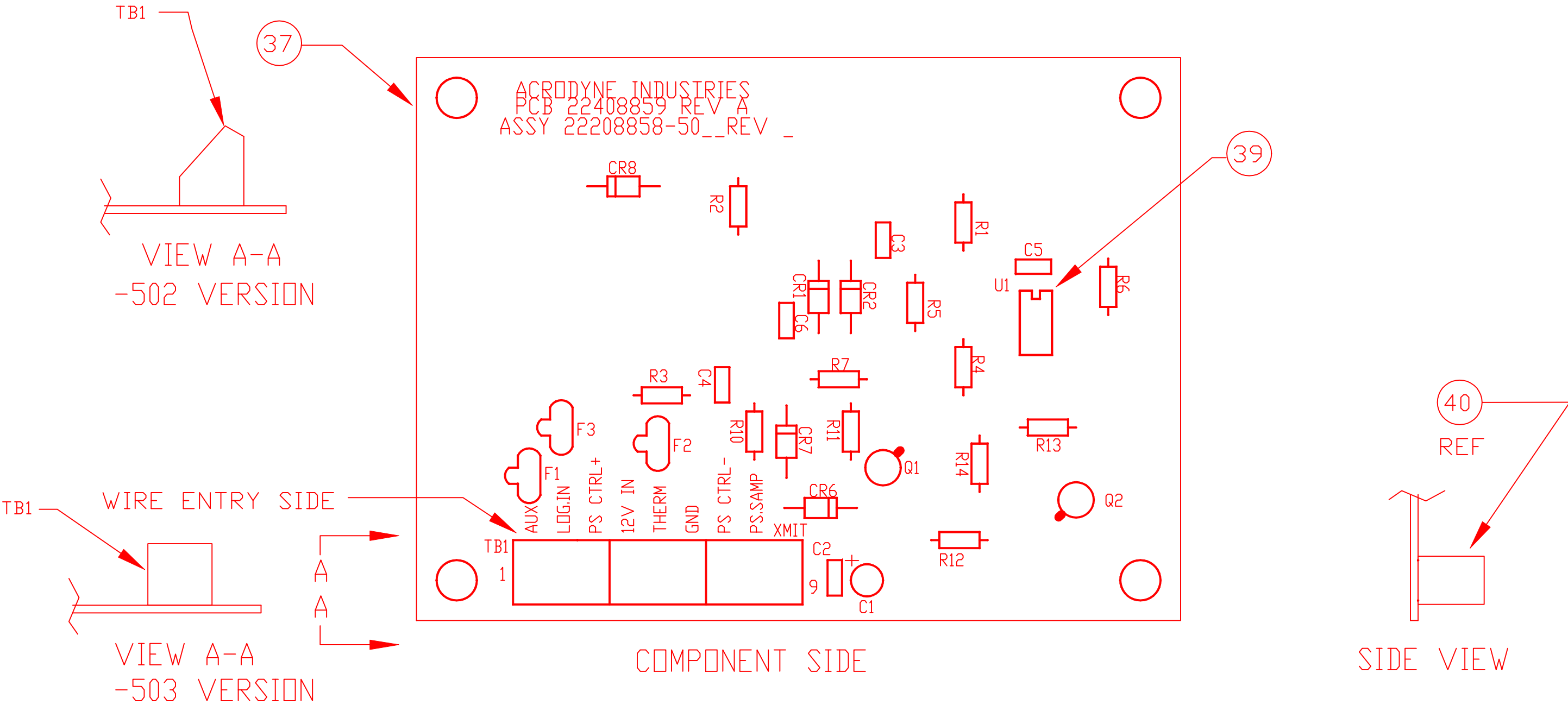
J2

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 2967 ADDED -503 & R1,R2 CHART	DRAWN	MB	10/97
B	ECN 3047-CORRECT & REDRAW ON ACAD-3/98	DRAWN		

R1,R2	
VERSIONS	VALUE
-501	51ohm
-502	51ohm
-503	5.6ohm

PARTS LIST			ACRODYNE		
DRAWN	MTS	12/94	ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422		
CHECKED			TITLE UNIVERSAL METER SWITCH BOARD		
MECH ENGR					
ELECT ENGR					
APPROVAL	WFS	6/97			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			SIZE	CODE ID	DRAWING NO.
DECIMALS .XX +/- .01 ANGLES .XXX +/- .005 +/- 1/2			B	51336	22509158
DO NOT SCALE DRAWING			SHEET 1 OF 1		
NEXT ASSY		USED ON	REV B		
APPLICATION		MATERIAL	SCALE: N/A		

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	PCB 22408859 REVISION A DESIGN	MMC 12/97		



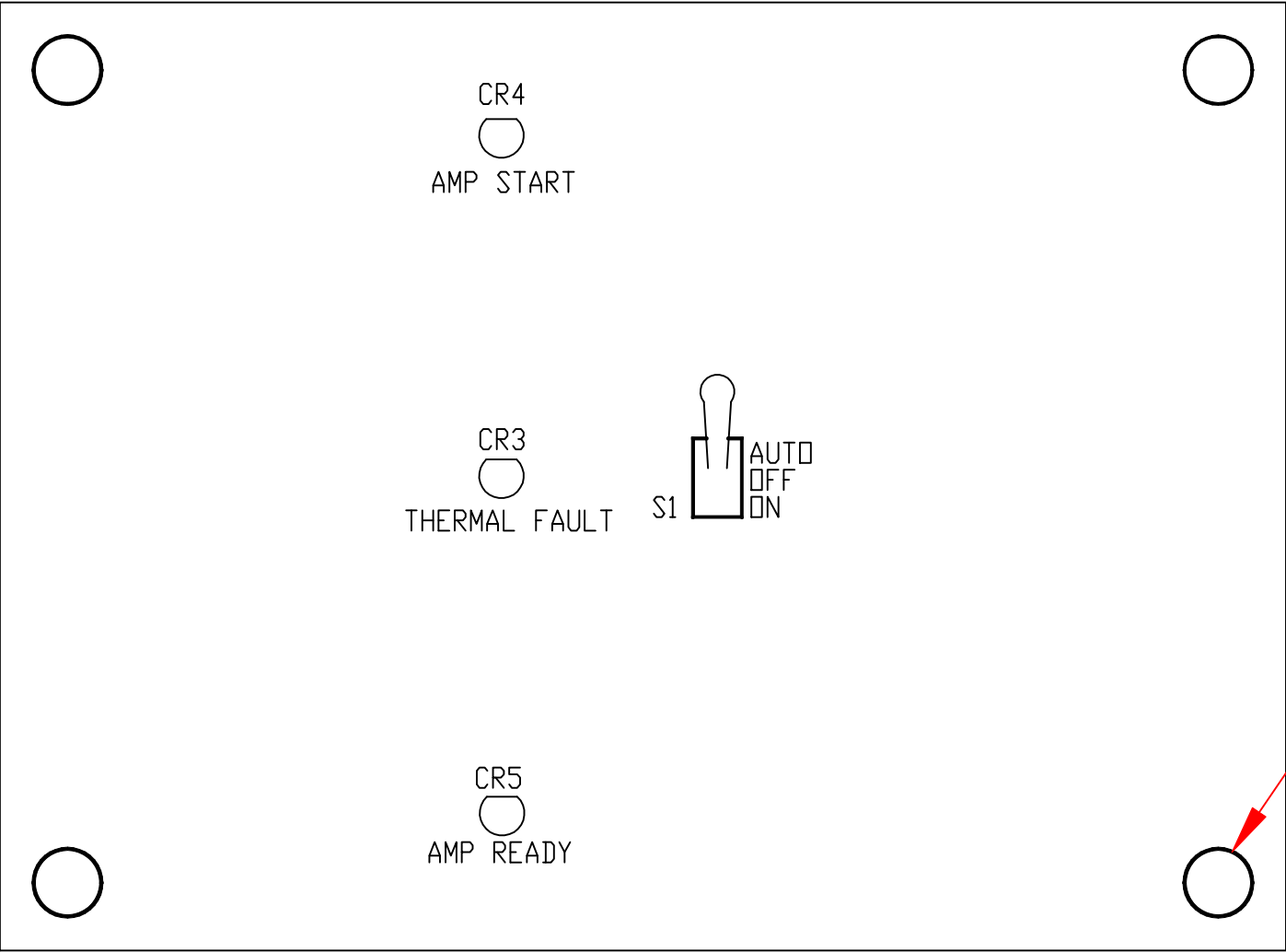
NOTES

1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

-503, -502

		PARTS LIST			ACRODYNE				ACRODYNE INDUSTRIES, INC.	
		DRAWN	HFG						516 TOWNSHIP LINE ROAD	
		CHECKED							BLUE BELL, PA 19422	
		MECH ENGR			TITLE					
		ELEC ENGR			ASSEMBLY; SOLID STATE AMPLIFIER					
		APPROVAL			CONTROL CIRCUIT PCB					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE	CODE ID	DRAWING NUMBER		REV	
NEXT ASSY	USED ON	TOLERANCES ANGLES .XX +/- .015 .XXX +/- .005 +/ - 1/2			B	51336	22208858		A	
APPLICATION		DO NOT SCALE DRAWING			SCALE	NONE		SHEET	3	OF 4

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	PCB 22408859 REVISION A DESIGN	MMC 12/97		



40
4 PLACES

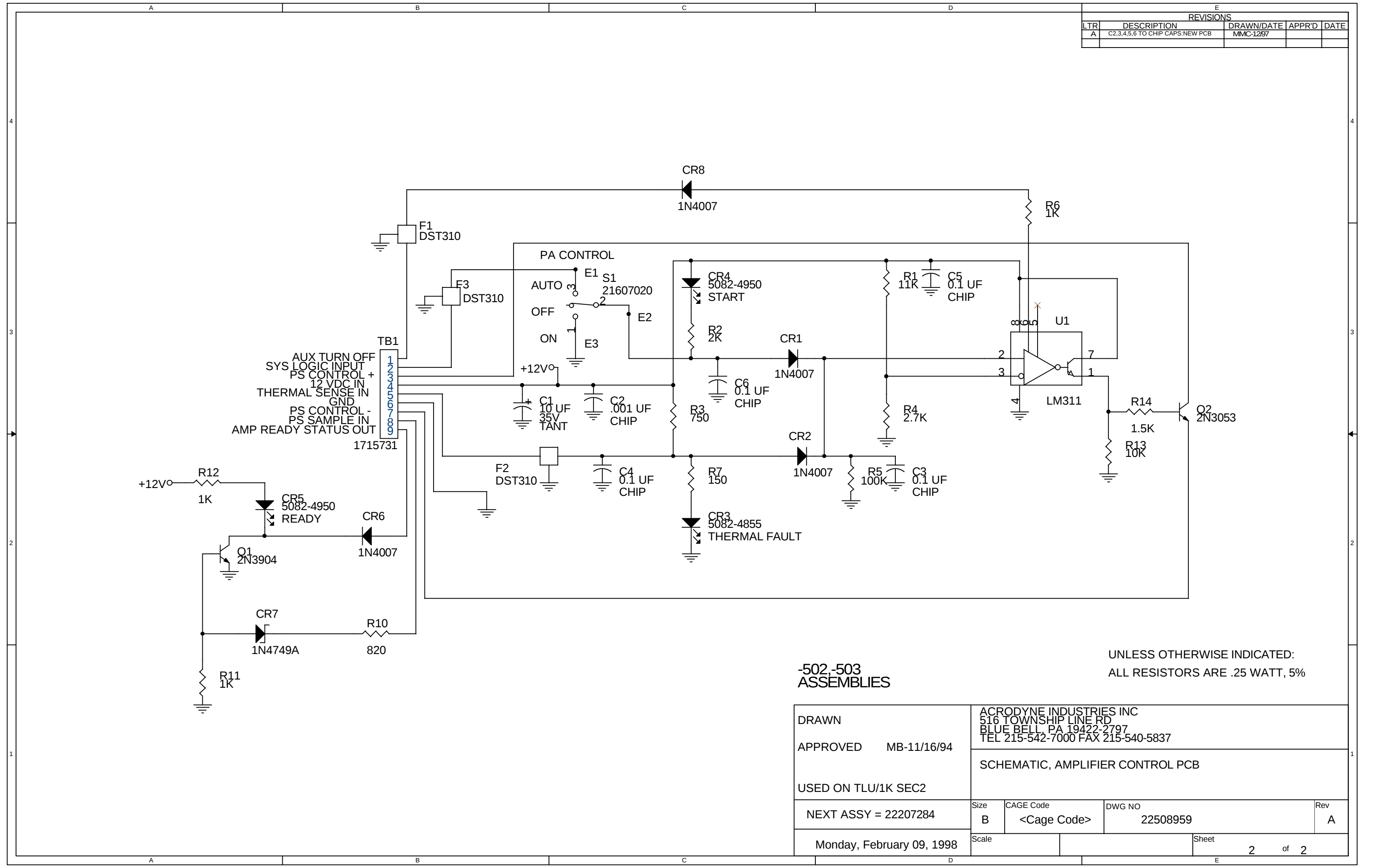
SIDE VIEW

NOTES

1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

-502,-503

		PARTS LIST			ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA 19422			
		DRAWN	HFG					
		CHECKED			TITLE ASSEMBLY; SOLID STATE AMPLIFIER CONTROL CIRCUIT PCB			
		MECH ENGR						
		ELEC ENGR						
		APPROVAL						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ANGLES .XX +/- .015 .XXX +/- .005 DO NOT SCALE DRAWING			SIZE B	CODE ID 51336	DRAWING NUMBER 22208858	REV A
NEXT ASSY	USED ON							
APPLICATION					SCALE	NONE	SHEET 4 OF 4	



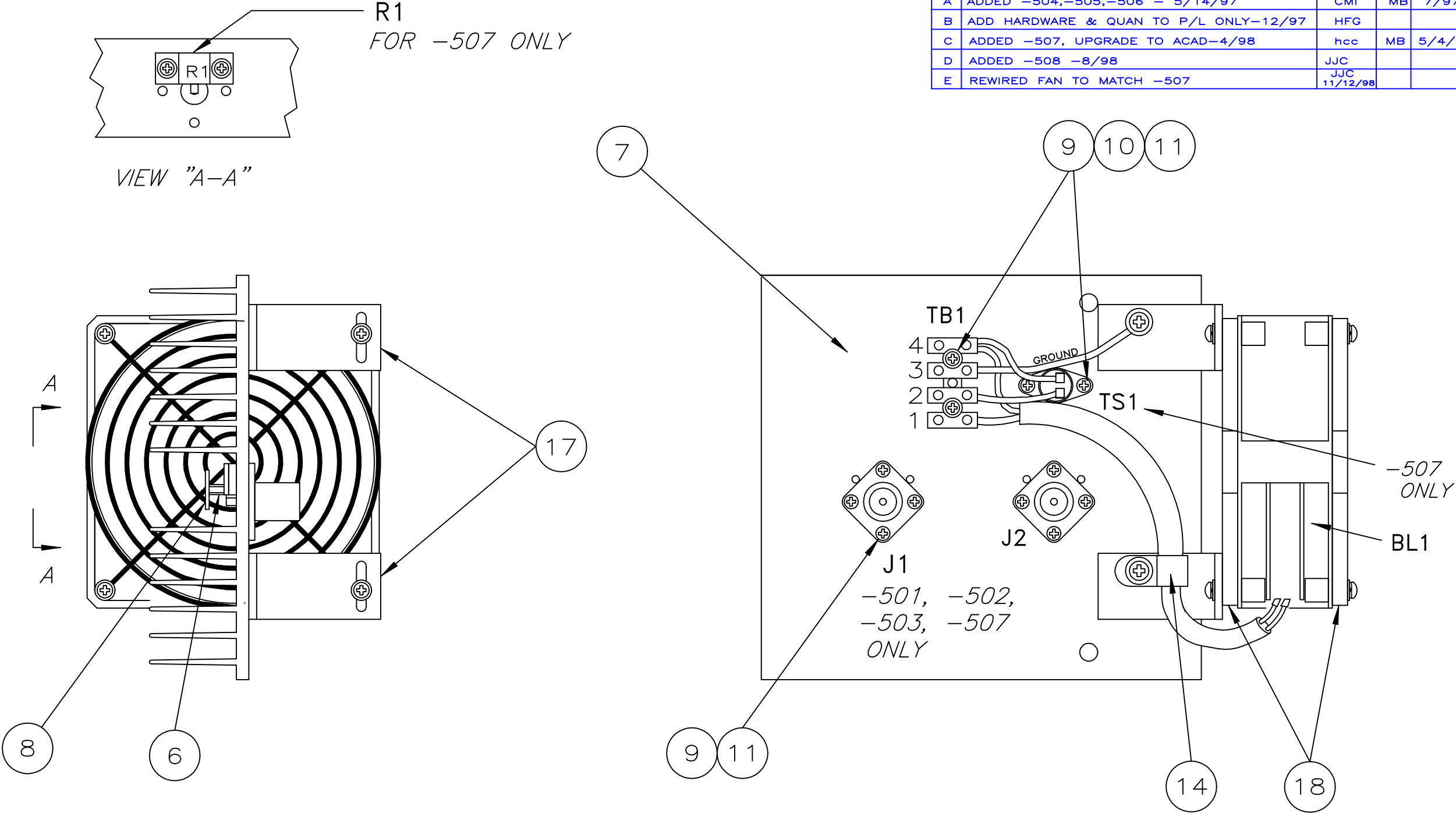
REVISIONS				
LTR	DESCRIPTION	DRAWN/DATE	APPR'D	DATE
A	C2,3,4,5,6 TO CHIP CAPS;NEW PCB	MMC-1297		

-502 -503
ASSEMBLIES

UNLESS OTHERWISE INDICATED:
ALL RESISTORS ARE .25 WATT, 5%

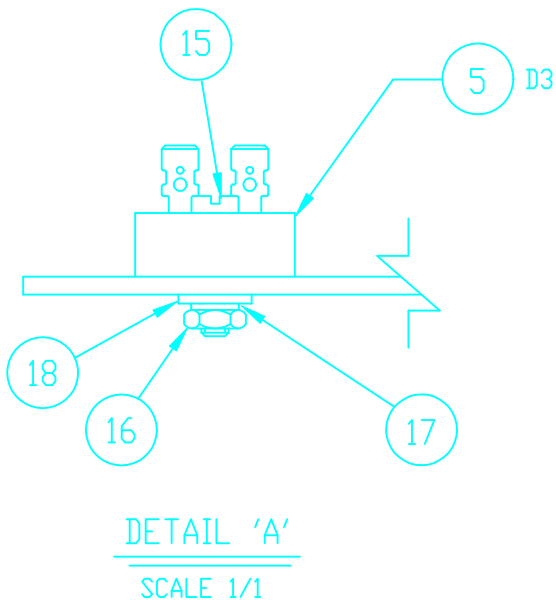
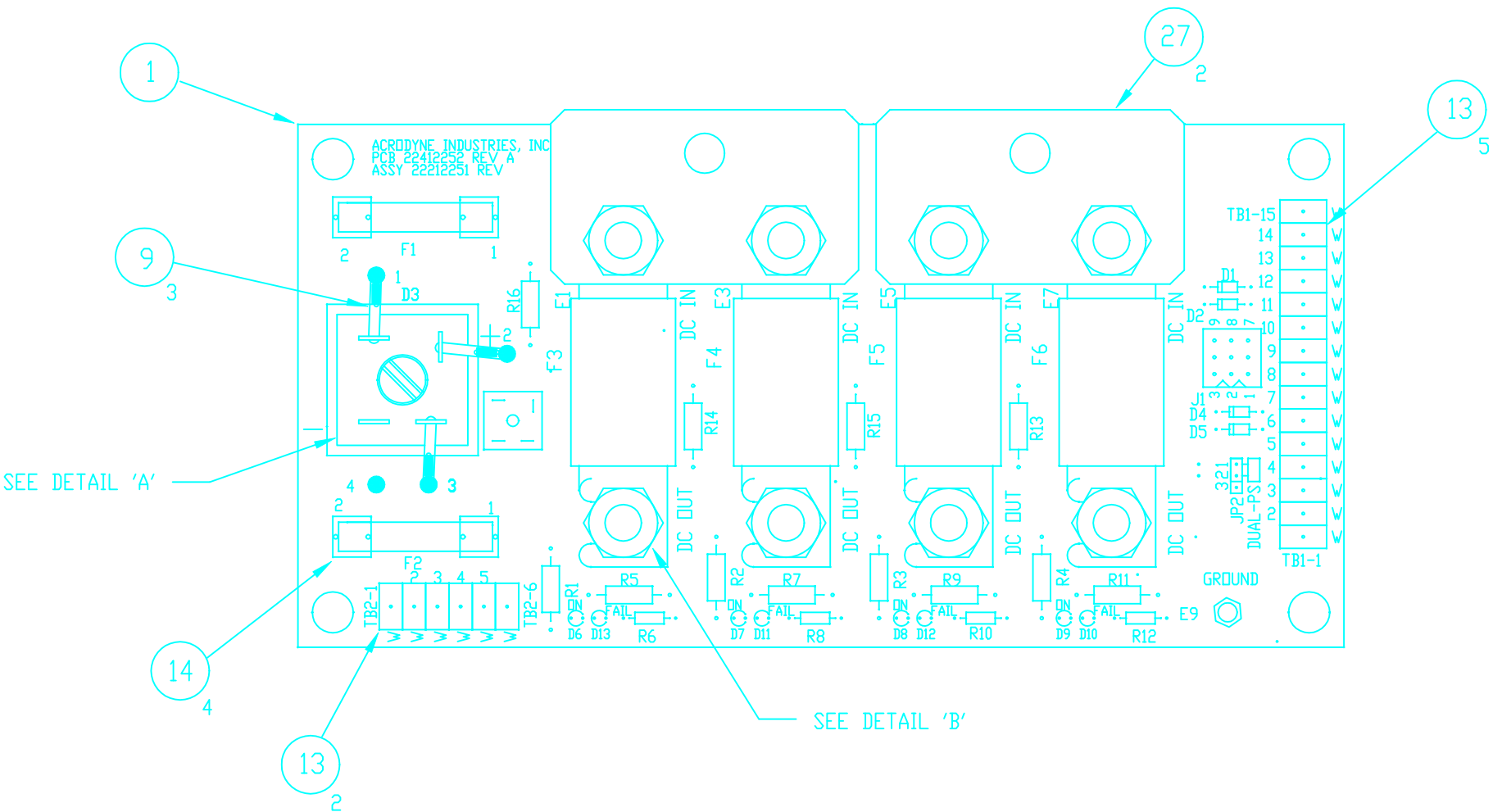
DRAWN APPROVED MB-11/16/94 USED ON TLU/1K SEC2	ACRODYNE INDUSTRIES INC 516 TOWNSHIP LINE RD BLUE BELL, PA 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
	SCHEMATIC, AMPLIFIER CONTROL PCB			
NEXT ASSY = 22207284	Size B	CAGE Code <Cage Code>	DWG NO 22508959	Rev A
Monday, February 09, 1998	Scale		Sheet 2 of 2	

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -504,-505,-506 - 5/14/97	CMI	MB	7/97
B	ADD HARDWARE & QUAN TO P/L ONLY-12/97	HFG		
C	ADDED -507, UPGRADE TO ACAD-4/98	hcc	MB	5/4/98
D	ADDED -508 -8/98	JJC		
E	REWIRED FAN TO MATCH -507	JJC 11/12/98		

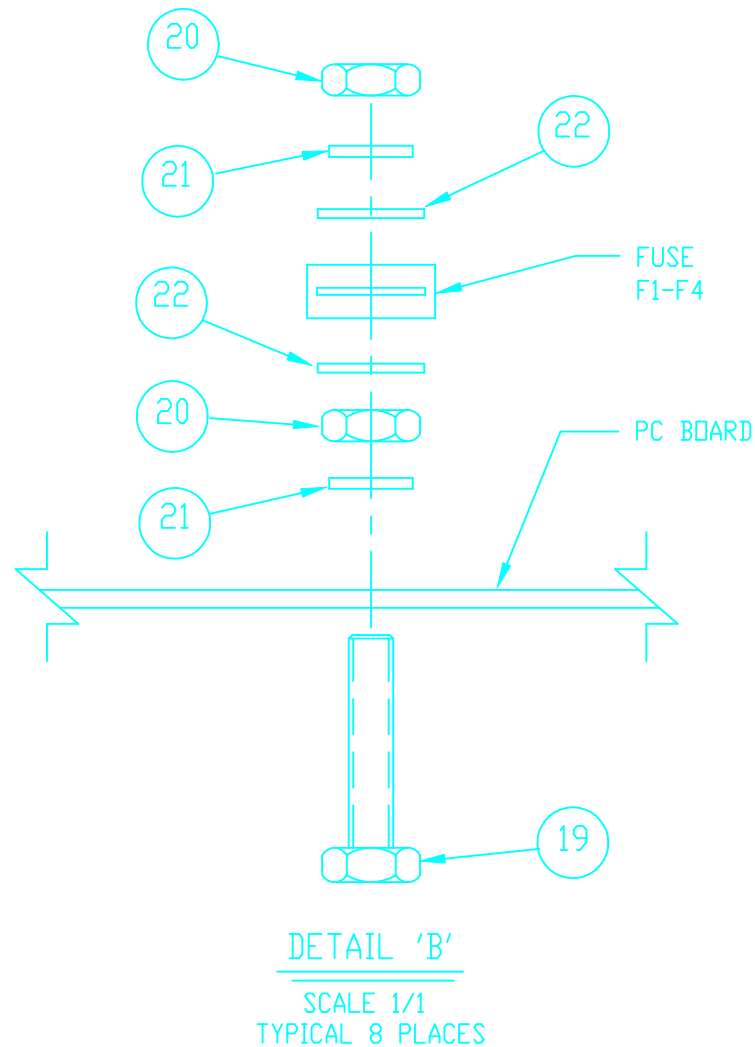


SCHEMATIC: 21508949

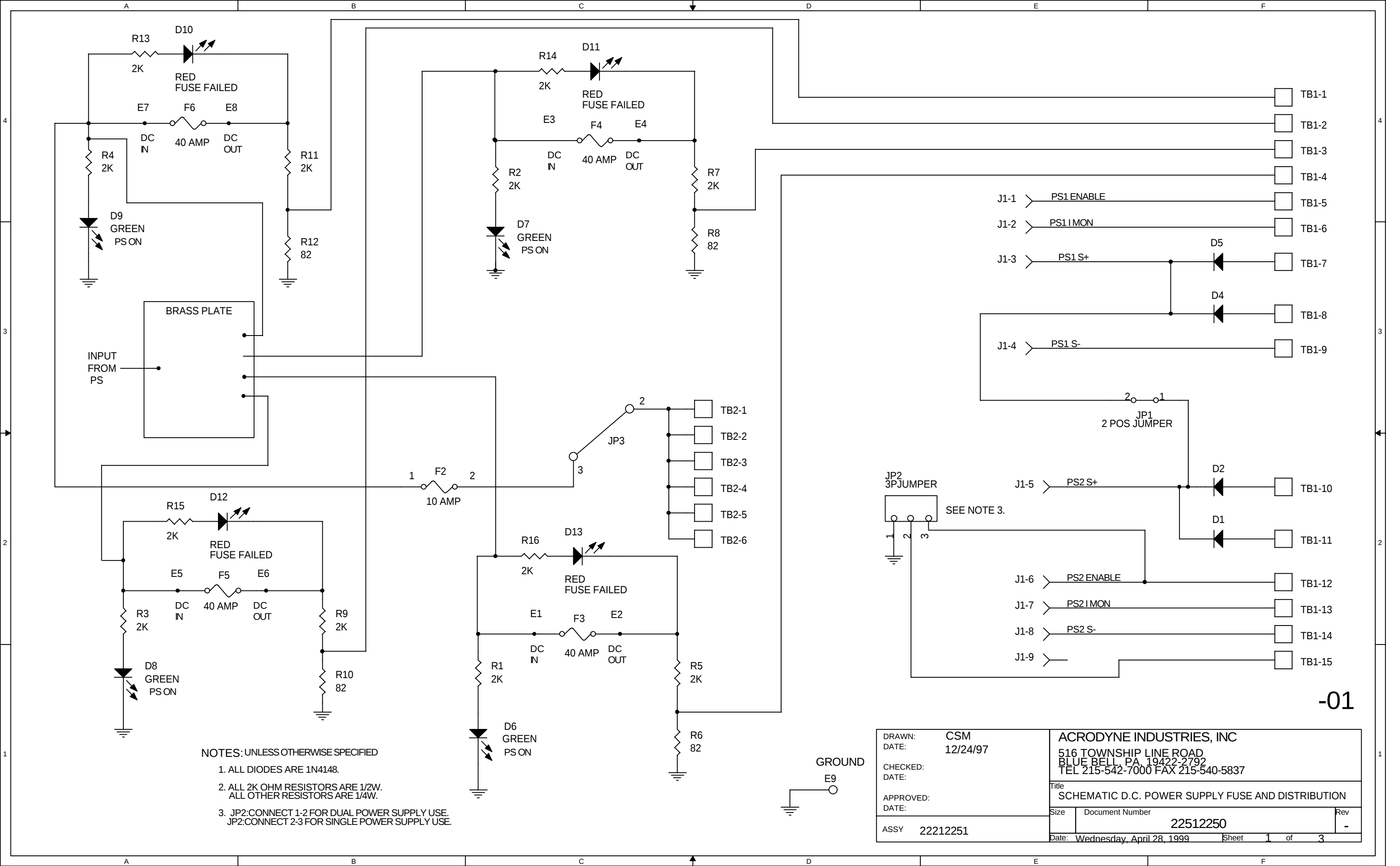
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
			DRAWN	JKC 5/13/93		
			CHECKED	WFS 6/97		
			MECH ENGR			
		FINISH	ELECT ENGR		TITLE ASSEMBLY,RF LOAD	
			APPROVAL			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			
			DECIMALS ANGLES .XX +/--.01 .XXX +/--.005 +/- 1/2			
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			
APPLICATION		MATERIAL	SCALE  SHEET 1 OF 1			



- NOTES:
- 1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610B, CLASS 2.
 - 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES: STATIC FREE HANDLING IS REQUIRED PER IPC-A-610B, CLASS 2.
 - 3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
 - 4. SOLDER USING SN63 SOLDER UNLESS OTHERWISE SPECIFIED.
 - 5. INSERT CONTACTS, ITEM 23, THROUGH THE CONNECTOR J1 FROM THE NUMBERED SIDE OF CONNECTOR, THEN SOLDER TO PCB.
 - 6. FOR SCHEMATIC DIAGRAM REFER TO 22512250

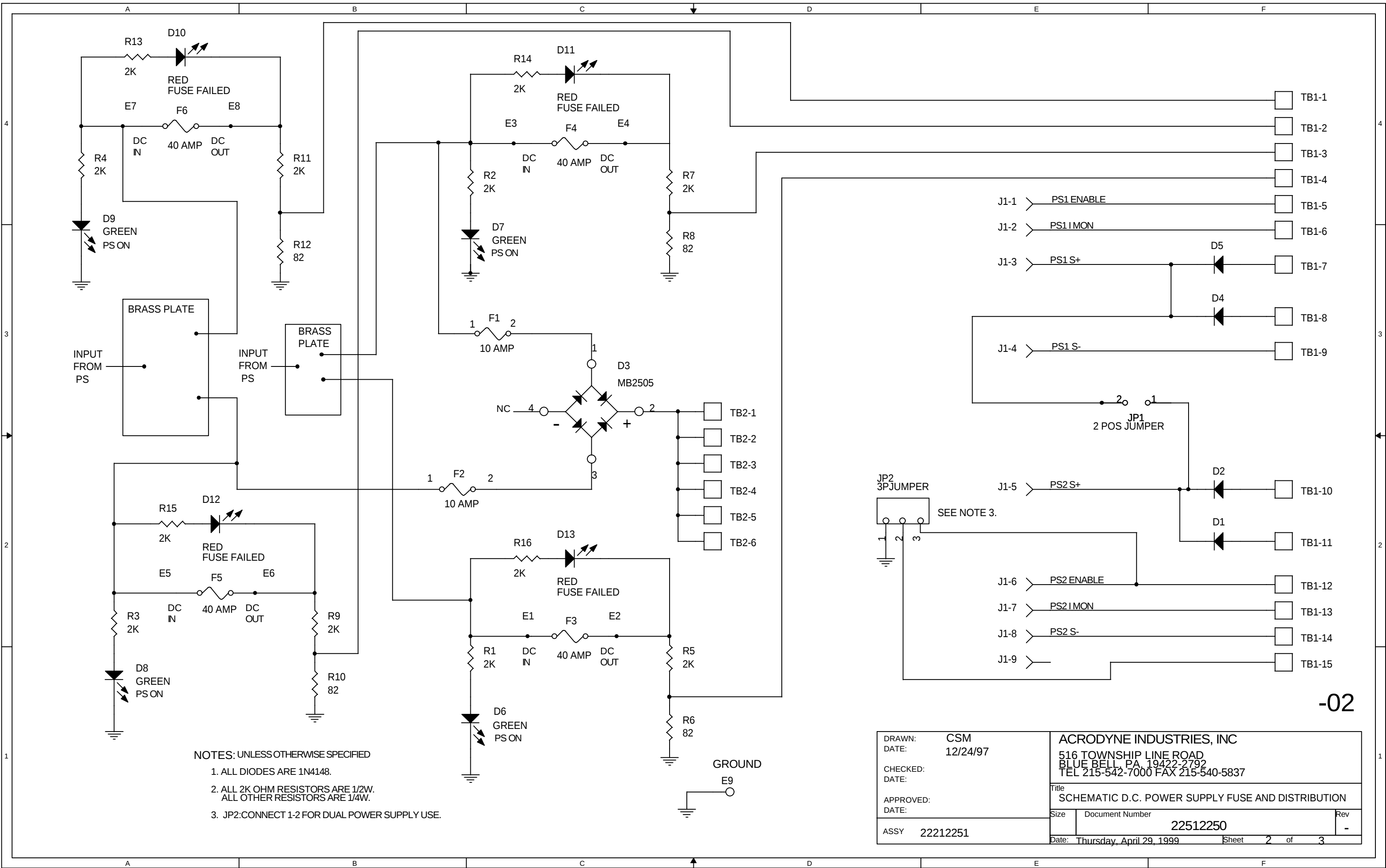


REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	DESIGN CHANGES, ADDED SHEET 3 CHANGED BOM PER ECN 3309	MMC/AJG 12/98		



- NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL DIODES ARE 1N4148.
 2. ALL 2K OHM RESISTORS ARE 1/2W.
ALL OTHER RESISTORS ARE 1/4W.
 3. JP2:CONNECT 1-2 FOR DUAL POWER SUPPLY USE.
JP2:CONNECT 2-3 FOR SINGLE POWER SUPPLY USE.

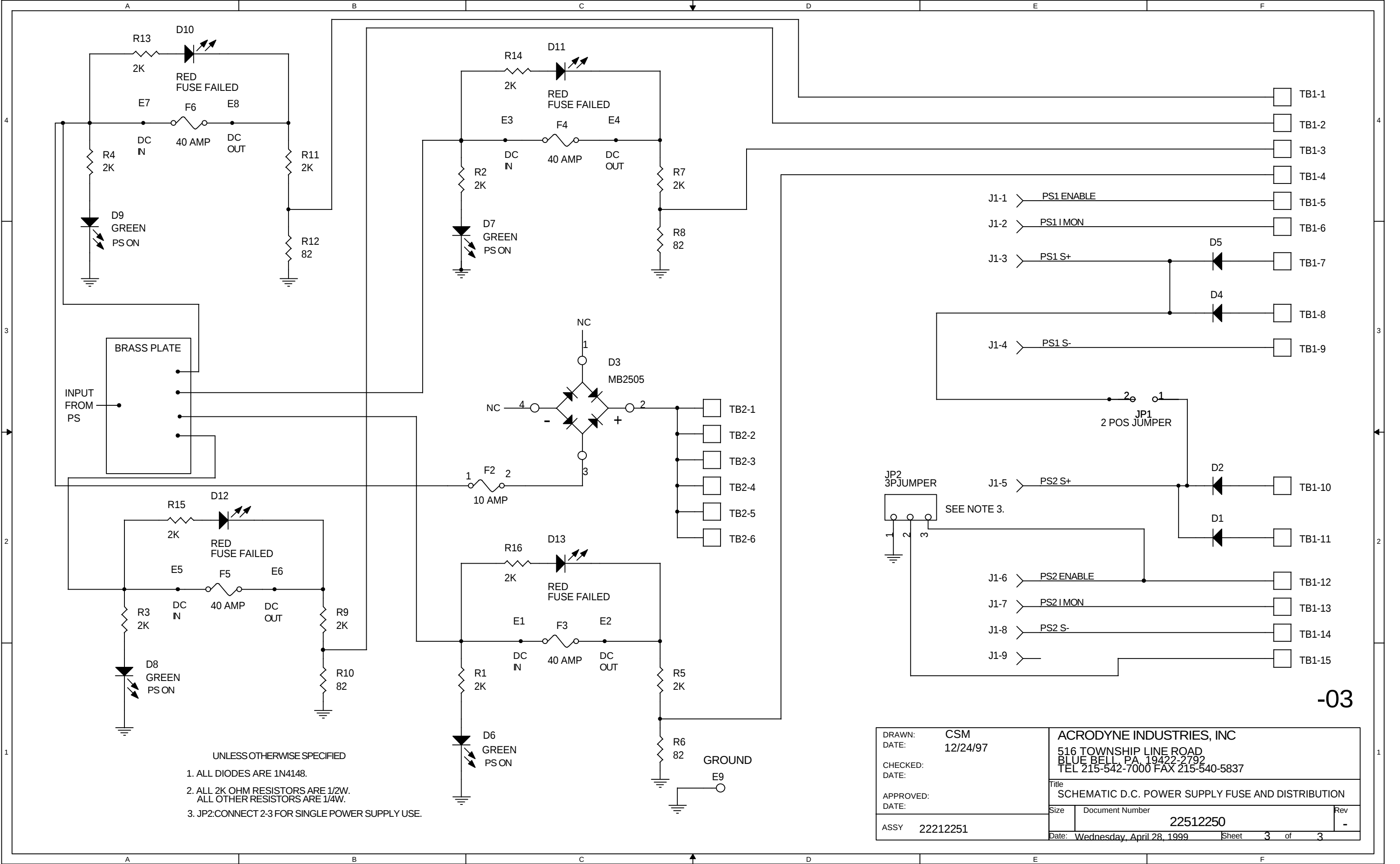
DRAWN: CSM		ACRODYNE INDUSTRIES, INC	
DATE: 12/24/97			
CHECKED:		516 TOWNSHIP LINE ROAD	
DATE:		BLUE BELL, PA. 19422-2792	
		TEL 215-542-7000 FAX 215-540-5837	
APPROVED:		Title	
DATE:		SCHEMATIC D.C. POWER SUPPLY FUSE AND DISTRIBUTION	
ASSY 22212251		Size	Document Number
			22512250
			Rev
			-
Date: Wednesday, April 28, 1999		Sheet	1 of 3



NOTES: UNLESS OTHERWISE SPECIFIED

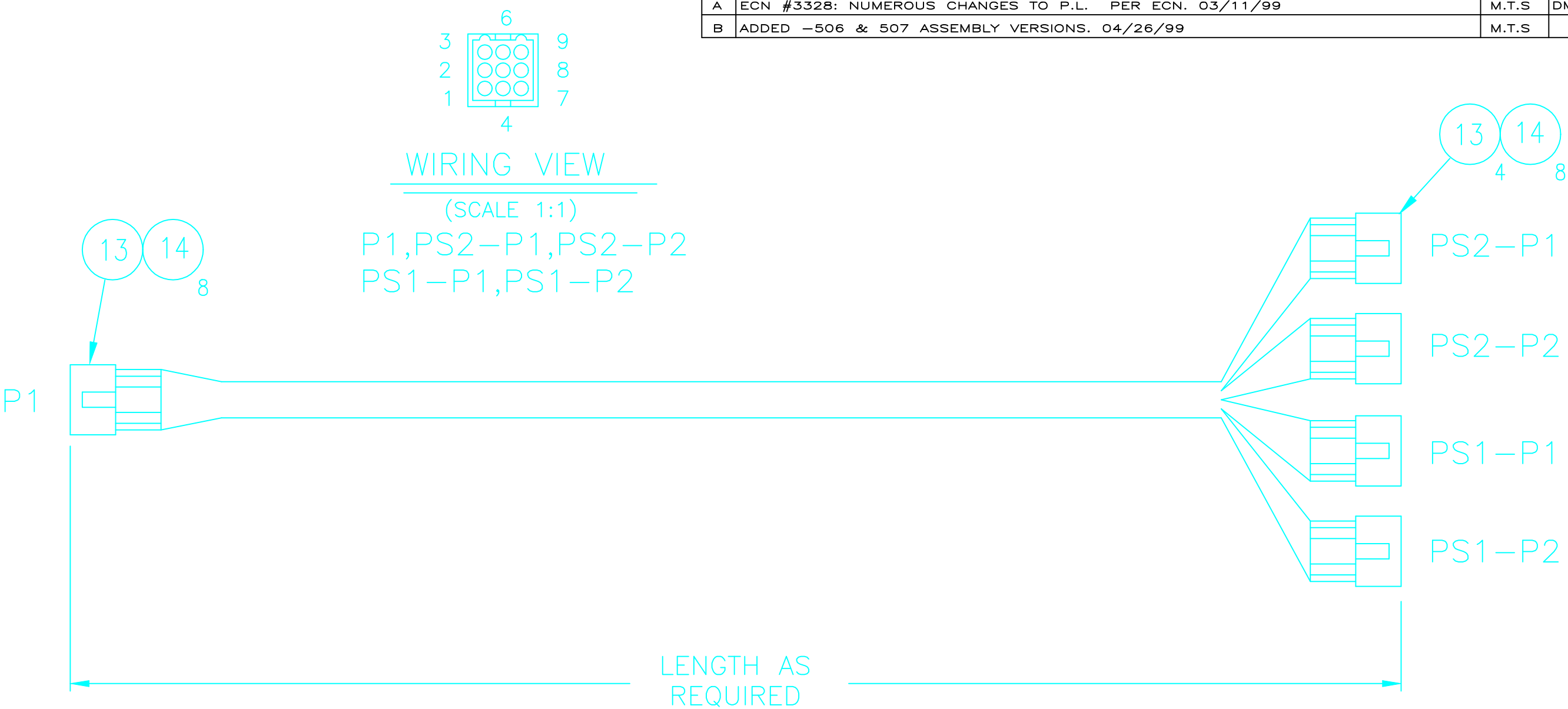
1. ALL DIODES ARE 1N4148.
2. ALL 2K OHM RESISTORS ARE 1/2W.
ALL OTHER RESISTORS ARE 1/4W.
3. JP2: CONNECT 1-2 FOR DUAL POWER SUPPLY USE.

DRAWN: CSM		ACRODYNE INDUSTRIES, INC	
DATE: 12/24/97			
CHECKED:		516 TOWNSHIP LINE ROAD	
DATE:		BLUE BELL, PA. 19422-2792	
APPROVED:		TEL 215-542-7000 FAX 215-540-5837	
DATE:		Title	
APPROVED:		SCHEMATIC D.C. POWER SUPPLY FUSE AND DISTRIBUTION	
DATE:		Size	Document Number
ASSY 22212251			22512250
		Date: Thursday, April 29, 1999	Sheet 2 of 3



- UNLESS OTHERWISE SPECIFIED
1. ALL DIODES ARE 1N4148.
 2. ALL 2K OHM RESISTORS ARE 1/2W.
ALL OTHER RESISTORS ARE 1/4W.
 3. JP2:CONNECT 2-3 FOR SINGLE POWER SUPPLY USE.

DRAWN: CSM		ACRODYNE INDUSTRIES, INC	
DATE: 12/24/97			
CHECKED:		516 TOWNSHIP LINE ROAD	
DATE:		BLUE BELL, PA. 19422-2792	
APPROVED:		TEL 215-542-7000 FAX 215-540-5837	
DATE:		Title	
APPROVED:		SCHEMATIC D.C. POWER SUPPLY FUSE AND DISTRIBUTION	
DATE:		Size	Document Number
ASSY 22212251			22512250
			Rev -
		Date: Wednesday, April 28, 1999	Sheet 3 of 3



WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-6	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P2-2	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-1	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-4	AS REQ'D.	PS1 S-
W5	BRN #22	P1-6	PS2-P1-6	AS REQ'D.	PS2 ENABLE
W6	RED #22	P1-7	PS2-P2-2	AS REQ'D.	PS2 I MON
W7	ORG #22	P1-5	PS2-P1-1	AS REQ'D.	PS2 S+
W8	YEL #22	P1-8	PS2-P1-4	AS REQ'D.	PS2 S-

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
-	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		

FOR USE WITH: 2 EACH HC20-C1164

			PARTS LIST	
			DRAWN: W.BARONOFSKY	8/21/98
			CHECKED:	
			MECH ENGR:	
		FINISH	ELECT ENGR:	
			APPROVAL: M.B.	09/98
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES	
			DECIMALS	ANGLES
			.XX +/- .01	
			.XXX +/- .005	+/- 1/2
NEXT ASSY	USED ON		DO NOT SCALE DRAWING	
APPLICATION		MATERIAL		

ACRODYNE

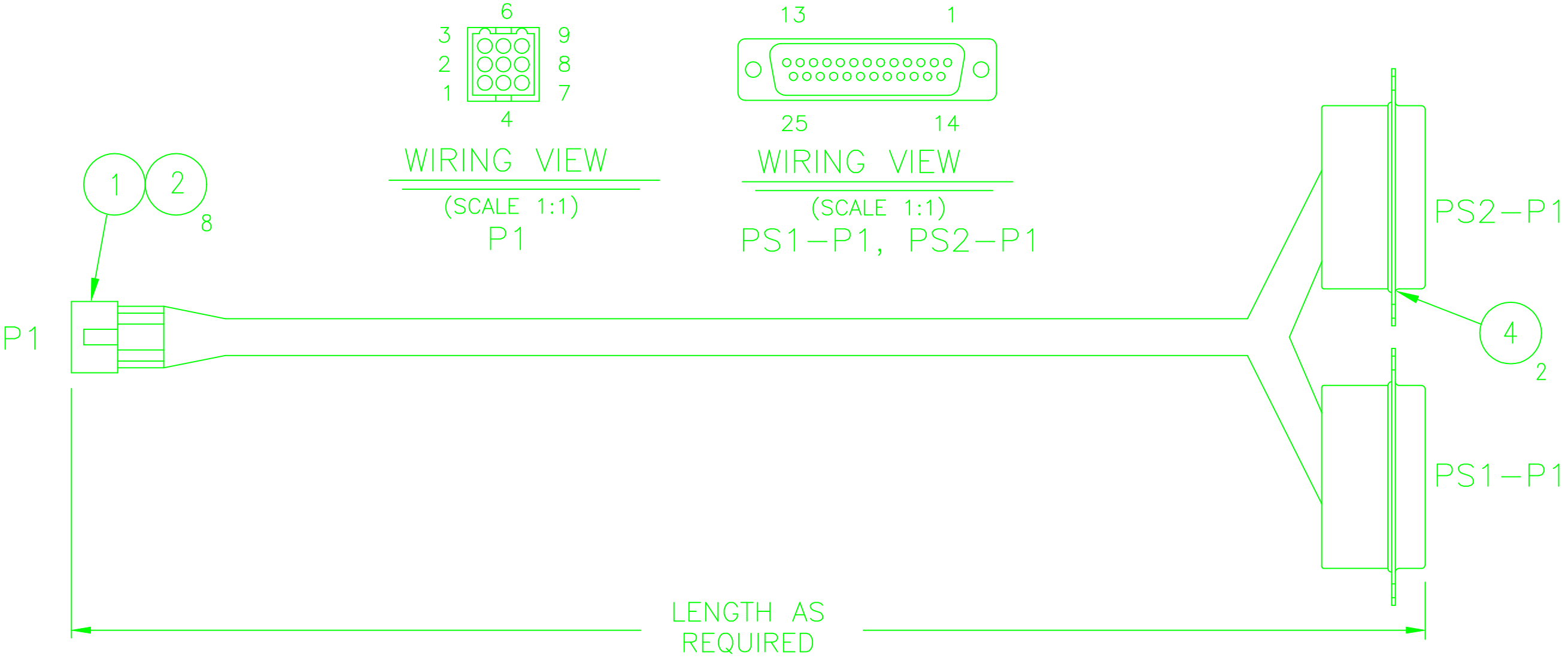
ACRODYNE INDUSTRIES, INC.
516 TOWNSHIP LINE ROAD
BLUE BELL, PA. 19422

TITLE
CABLE ASSY: DC POWER SUPPLY
FUSE AND DISTRIBUTION PCB

SIZE B	CODE ID 51336	DRAWING NO. 22212570	REV B
SCALE 1:1		SHEET 2 OF 7	

-502

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		



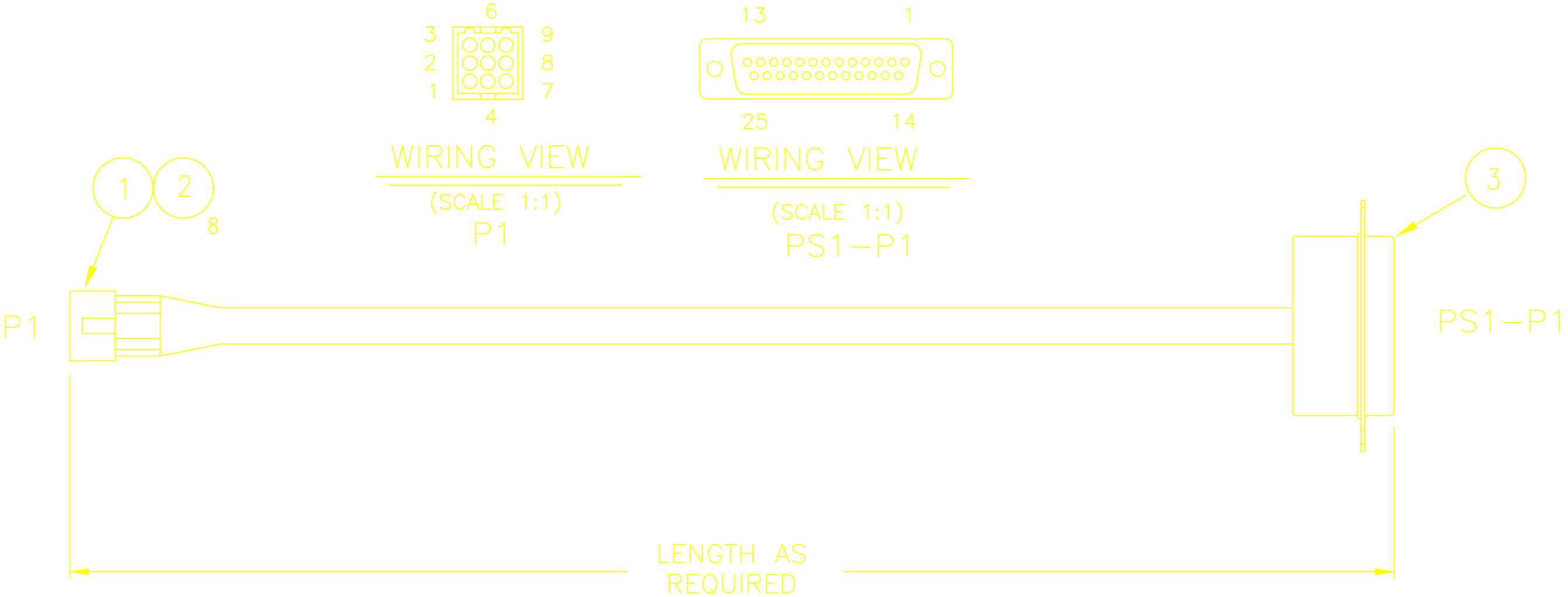
WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-8	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-10	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-16	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-15	AS REQ'D.	PS1 S-
W5	BRN #22	P1-6	PS2-P1-8	AS REQ'D.	PS2 ENABLE
W6	RED #22	P1-7	PS2-P1-10	AS REQ'D.	PS2 I MON
W7	ORG #22	P1-5	PS2-P1-16	AS REQ'D.	PS2 S+
W8	YEL #22	P1-8	PS2-P1-15	AS REQ'D.	PS2 S-

FOR USE WITH: 2 EACH ECT21-C1020

-503

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422
			DRAWN: W.BARONOFSKY	8/21/98	
			CHECKED:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB
			MECH ENGR:		
		FINISH	ELECT ENGR:		
			APPROVAL: M.B.	09/98	
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SIZE CODE ID DRAWING NO. REV B 51336 22212570 B
			DECIMALS .XX +/- .01 .XXX +/- .005	ANGLES +/- 1/2	
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE 1:1 SHEET 3 OF 7
APPLICATION		MATERIAL			

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		



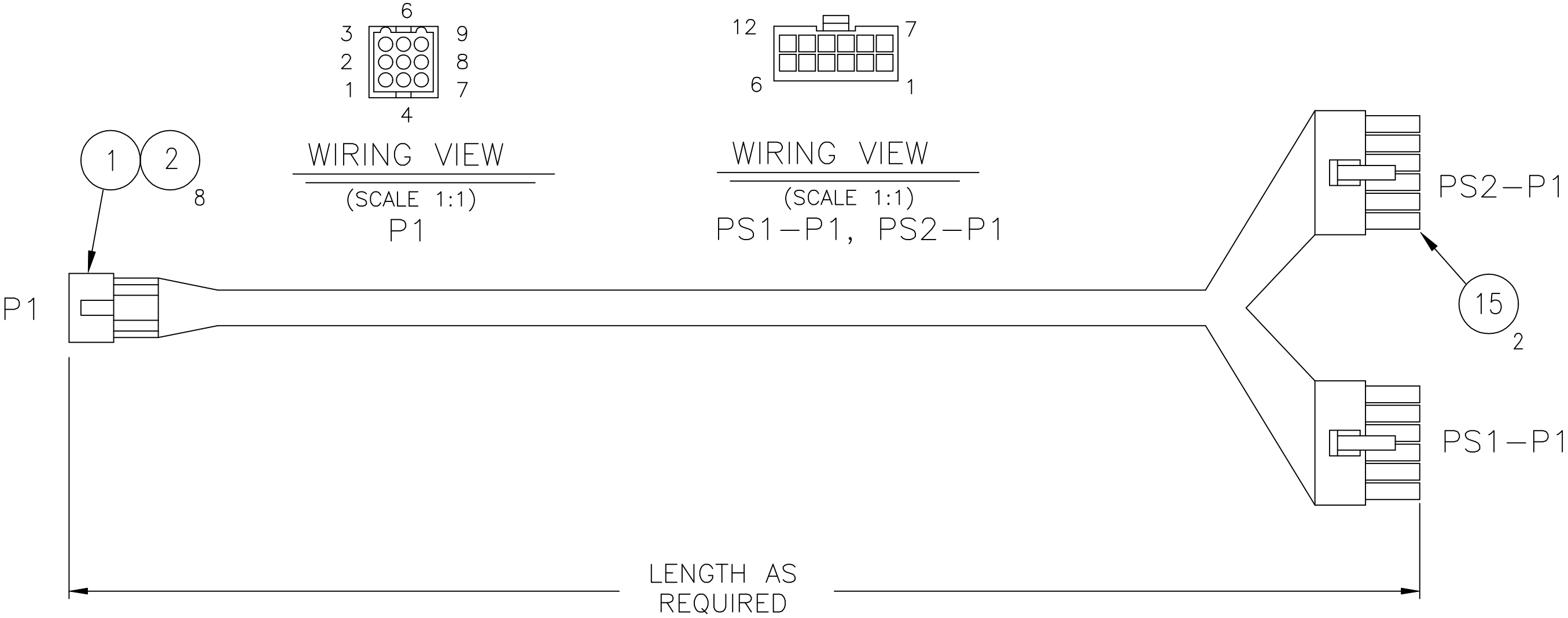
-504

WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-9	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-10	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-16	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-15	AS REQ'D.	PS1 S-

FOR USE WITH: HC4011-C1224 or C1225 PS

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN: W.BARONOFSKY 8/21/98					
			CHECKED:					
			MECH ENGR:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB			
			ELECT ENGR:					
		APPROVAL: M.B. 09/98						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
		DECIMALS .XX +/- .01 ANGLES .XXX +/- .005 +/- 1/2						
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SIZE B	CODE ID 51336	DRAWING NO. 22212570	REV B
APPLICATION			MATERIAL		SCALE 1:1		SHEET 4 OF 7	

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		

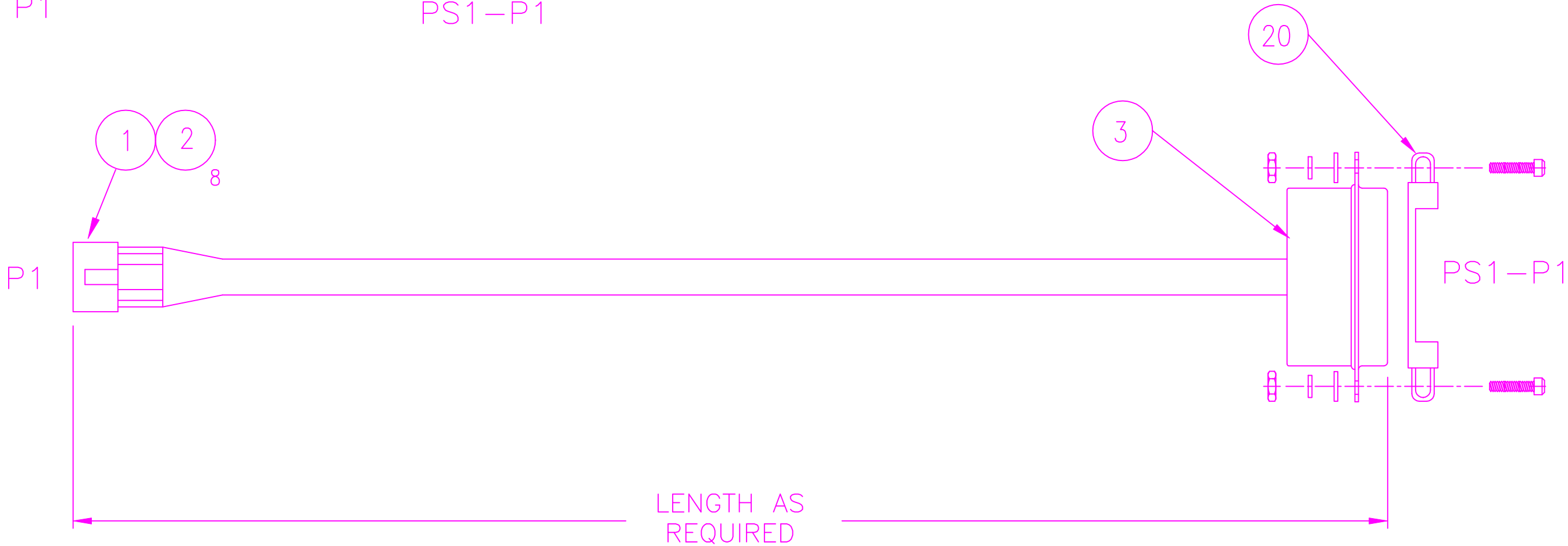
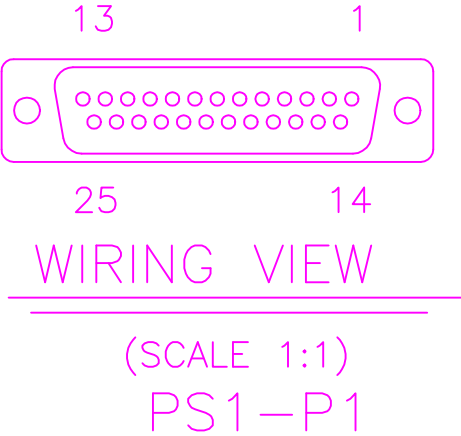
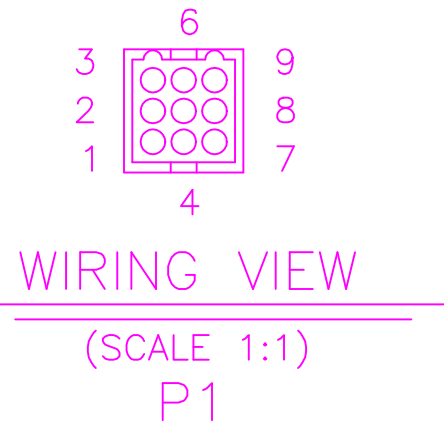


WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-6	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-8	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-1	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-4	AS REQ'D.	PS1 S-
W5	BRN #22	P1-6	PS2-P1-6	AS REQ'D.	PS2 ENABLE
W6	RED #22	P1-7	PS2-P1-8	AS REQ'D.	PS2 I MON
W7	ORG #22	P1-5	PS2-P1-1	AS REQ'D.	PS2 S+
W8	YEL #22	P1-8	PS2-P1-4	AS REQ'D.	PS2 S-

FOR USE WITH: 2 EACH FN6000 -505

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422							
			DRAWN: W.BARONOFSKY 8/21/98									
			CHECKED:									
			MECH ENGR:									
		FINISH	ELECT ENGR:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB							
			APPROVAL: M.B. 09/98									
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						SIZE B			
			DECIMALS .XX +/- .01 ANGLES +/- 1/2									
			.XXX +/- .005									
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE 1:1		REV B					
APPLICATION		MATERIAL			CODE ID 51336		DRAWING NO. 22212570					
					SHEET 5		OF 7					

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		



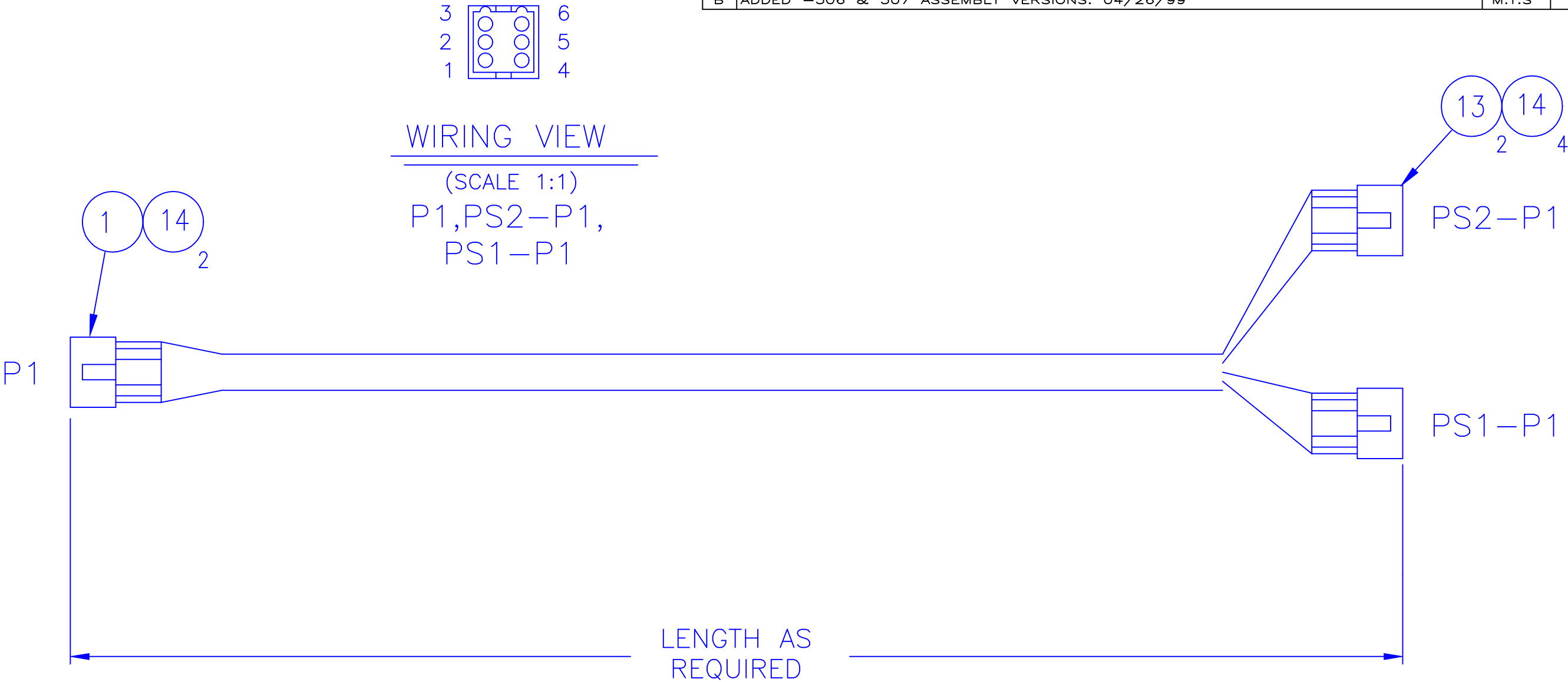
WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-9	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-10	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-16	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-15	AS REQ'D.	PS1 S-

—506

FOR USE WITH: HC4011-C1224 OR C1225 P.S.

		PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		DRAWN: W.BARONOFSKY 8/21/98			
		CHECKED:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB	
		MECH ENGR:			
		ELECT ENGR:			
		APPROVAL: M.B. 09/98			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SIZE CODE ID DRAWING NO. REV B 51336 22212570 B	
		DECIMALS ANGLES .XX +/- .01 +/- 1/2 .XXX +/- .005			
NEXT ASSY USED ON		DO NOT SCALE DRAWING		SCALE 1:1 SHEET 6 OF 7	
APPLICATION		MATERIAL			

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		



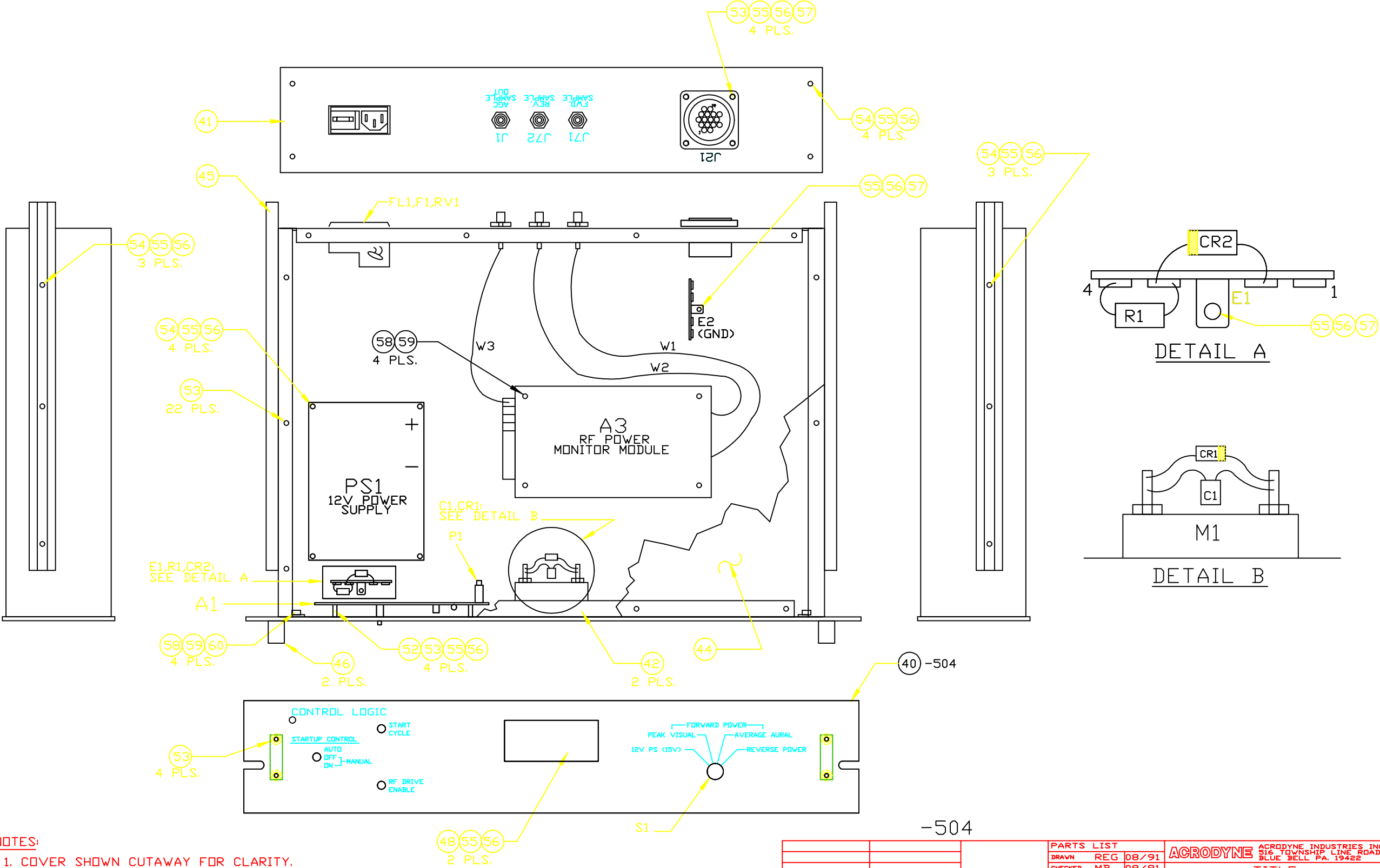
WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P2-6	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-7	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P2-1	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P2-4	AS REQ'D.	PS1 S-
W5	BRN #22	P1-6	PS2-P2-6	AS REQ'D.	PS2 ENABLE
W6	RED #22	P1-7	PS2-P1-7	AS REQ'D.	PS2 I MON
W7	ORG #22	P1-5	PS2-P2-1	AS REQ'D.	PS2 S+
W8	YEL #22	P1-8	PS2-P2-4	AS REQ'D.	PS2 S-

—507

FOR USE WITH: 2 EACH EJN-6000

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN: W.BARONOFSKY	8/21/98				
			CHECKED:					
			MECH ENGR:					
		FINISH	ELECT ENGR:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB			
			APPROVAL: M.B.	09/98				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
			DECIMALS	ANGLES				
			.XX +/- .01					
			.XXX +/- .005	+/- 1/2				
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SIZE B	CODE ID 51336	DRAWING NO. 22212570	REV B
APPLICATION		MATERIAL			SCALE 1:1		SHEET 7 OF 7	

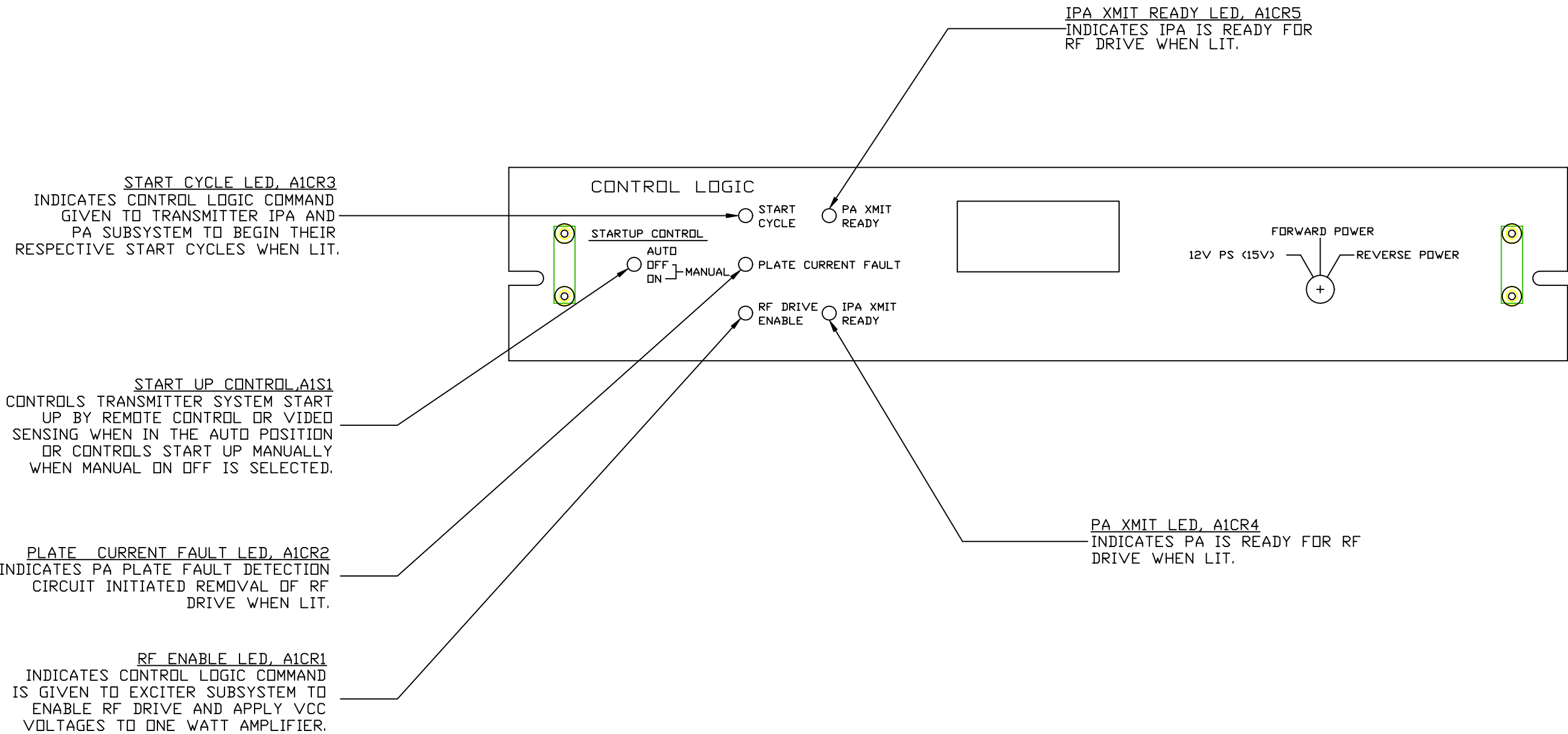
REVISIONS			
LTR	DESCRIPTION	DRWN	APR DATE
	SEE VOIDED COPY FOR ORIGINAL HAND DRAWING!	MTS	03/97
K	ECN #2800: CHANGES AS PER ECN & REDRAWN ON CAD. 03/97	MTS	MB 04/97
L	ECN #2976: BOM CHANGE TO ITEM 32 - 11/97	hcc	MB 12/97
M	ECN #3033: SEE PL FOR CHANGES - 06/98	HFG	SMJ
N	ADDED -508 ASSY -09/11/97	JJC	MB 2/12/99
Q	ECN 3357 - ADDED -509 ASSY, MODIFIED -504 ASSY	AJG	



NOTES:
1. COVER SHOWN CUTAWAY FOR CLARITY.
3. MOUNT A3 WITH ITEM #53.

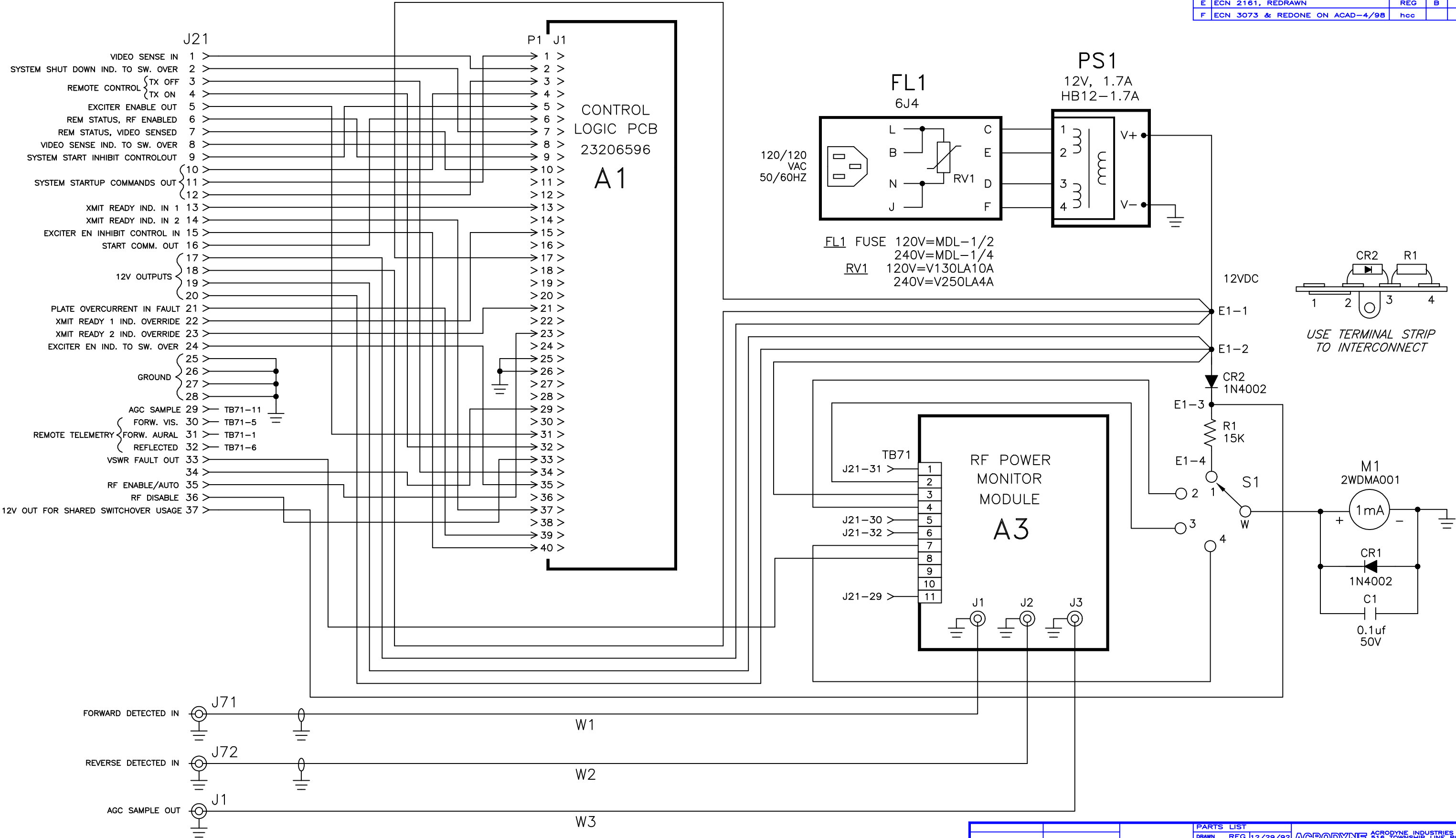
PARTS LIST		ACRODYNE		ACRODYNE INDUSTRIES INC.	
DRAWN	REG	08/91		816 TOWNSHIP LINE ROAD	
CHECKED	MB	08/91		BLUE BELL PA. 19422	
MECH ENGR				TITLE:	
ELECT ENGR				ASSEMBLY:	
APPROVAL	TH	08/91		CONTROL LOGIC CHASSIS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SIZE	CODE ID	DRAWING NO.	REV
TOLERANCES		C	51336	23206588	Q
DECIMALS	ANGLES				
.XX +/- .01	+/- 1/2				
.XXX +/- .005					
DO NOT SCALE DRAWING		SCALE		SHEET 4	OF 8

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	REDREW IN AUTOCAD	SMJ		2/99

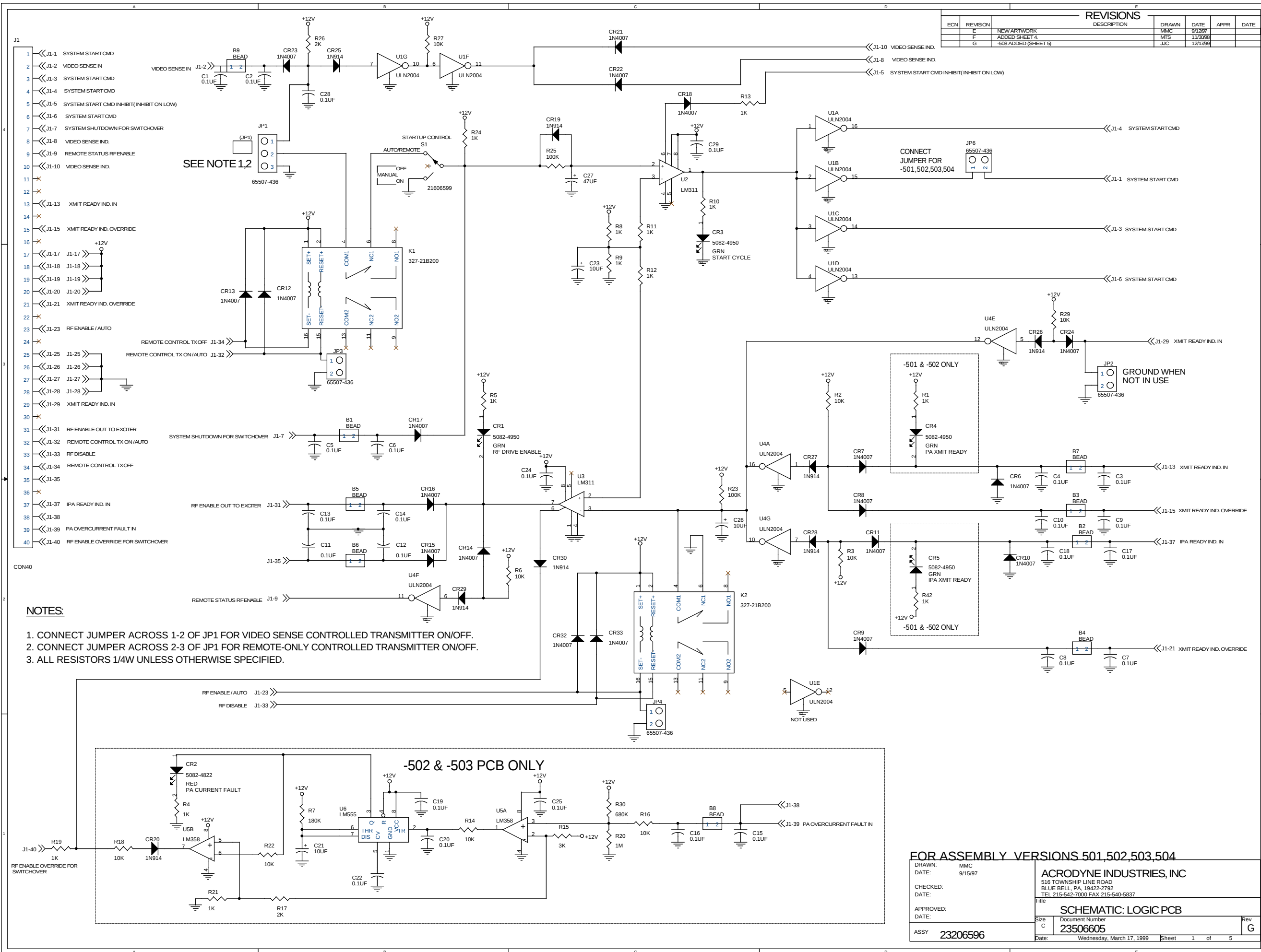


		FINISH	PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422						
			DRAWN	SMJ					2/24/99		
			CHECKED								
			MECH ENGR			TITLE CONTROL AND INDICATORS CONTROL LOGIC					
			ELECT ENGR								
		APPROVAL									
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES									
			DECIMALS		ANGLES		SIZE		CODE ID	DRAWING NO.	REV
			.XX +/- .01				B		51336	22007021	A
			.XXX +/- .005		+/- 1/2						
NEXT ASSY		USED ON									
APPLICATION		MATERIAL		DO NOT SCALE DRAWING		SCALE			SHEET 1 OF 1		

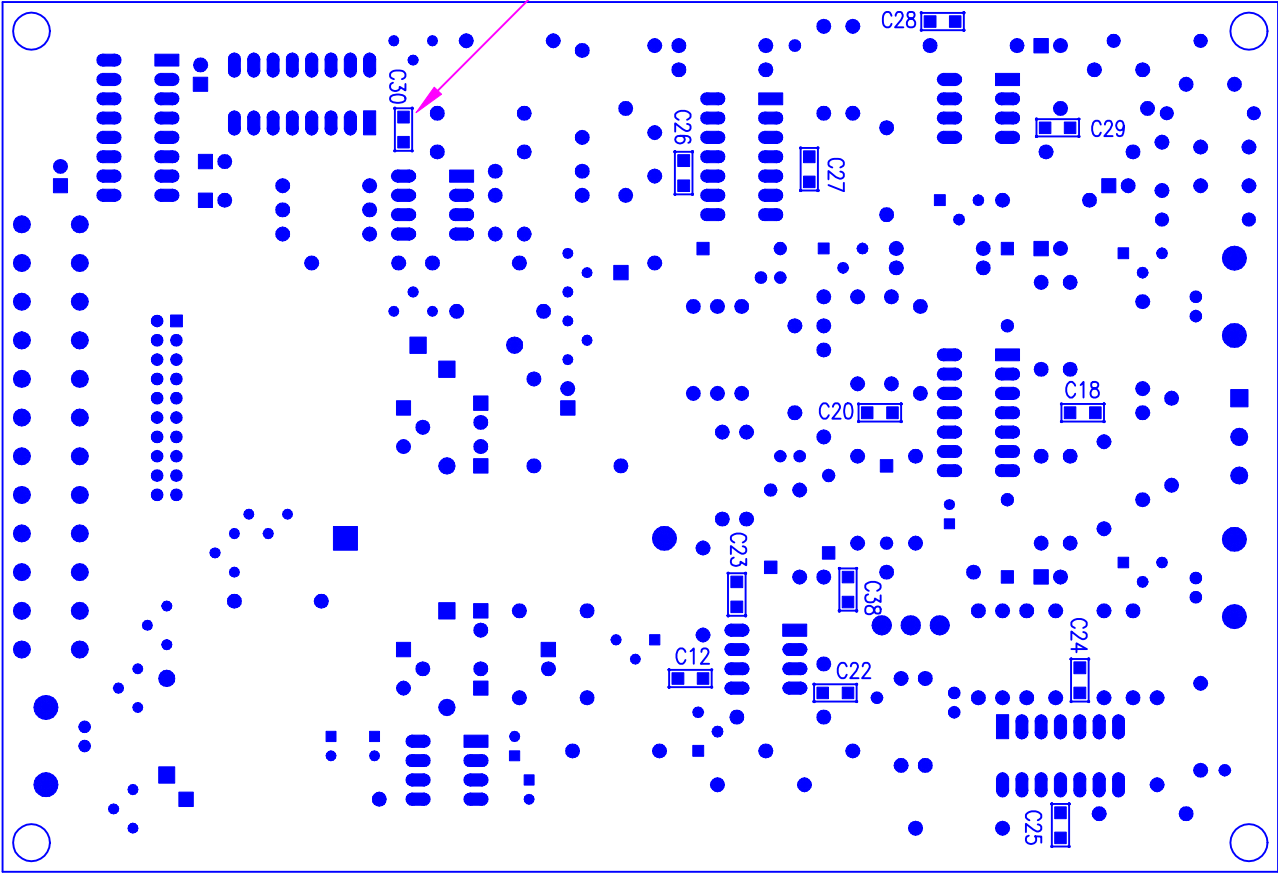
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
E	ECN 2161, REDRAWN	REG	B	
F	ECN 3073 & REDONE ON ACAD-4/98	hec		



PARTS LIST		DRAWN		REG		12/29/92		ACRODYNE		ACRODYNE INDUSTRIES, INC.	
DRAWN		REG		12/29/92		ACRODYNE		ACRODYNE INDUSTRIES, INC.		516 TOWNSHIP LINE ROAD	
CHECKED		MECH ENGR		ELECT ENGR		APPROVAL		UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES	
FINISH		DECIMALS		ANGLES		TOLERANCES		SIZE		CODE ID	
NEXT ASSY		TRU/5KA		USED ON		DO NOT SCALE DRAWING		D		51336	
APPLICATION		MATERIAL		SCALE		SHEET 1 OF 1		TITLE		DRAWING NO.	
								WIRING DIAGRAM, CONTROL LOGIC CHASSIS		24506619	
										REV F	



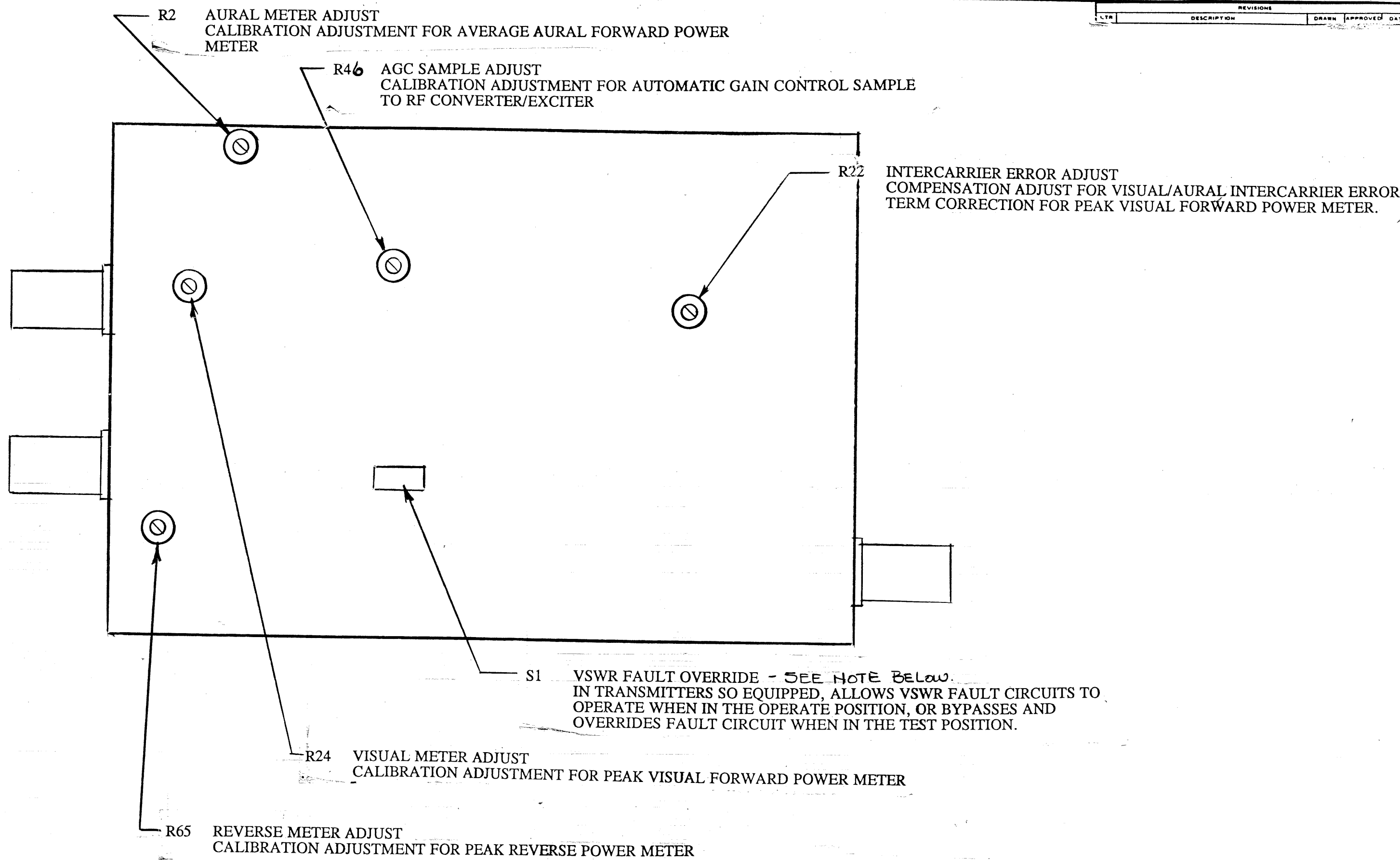
DO NOT INSTALL C30 FOR 502,504,506,508.



REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	3/4" STANDOFF ON OTHER SIDE	JKC	MB	4/93
B	ECN 2226 & 2251	SGM	MB	5/93
C	ECN 2263	SGM	MB	4/94
D	ECN 2374	CSM	MB	5/94
E	CH'G BD TO REFLECT ECN 2374	SGM	MB	5/94
F	P/L CHANGE, PER ECN 2445	MTS	MB	5/95
G	P/L UPDATE	MTS		
H	ADD R78, SEE ECN 2909	HFG	MB	9/97
I	ECN 2983	HFG	MB	1/98
J	ECN 3026(SOME 3016),UPGRADE TO ACAD/WORD	hcc		
K	SEE ECN #'S 3124, 3146, 3156	JJC	MV	6/98
L	NEW ARTWORK-----4/2/98	MMC		
M	REVISE BOM ITEMS 37, 38, 39 PER ECN 3307	AJG		

501-508 PCB BOTTOM ASSEMBLY

		FINISH	PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	SGM	7/19/93				
			CHECKED						
			MECH ENGR						
			ELECT ENGR			TITLE ASSEMBLY, RF POWER MONITOR CHASSIS			
			APPROVAL MB		7/93				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES		SIZE	CODE ID	DRAWING NO.	REV
NEXT ASSY	USED ON		.XX +/- .01		B	51336	22207217	M	
			.XXX +/- .005	+/- 1/2	SCALE: N/A			SHEET 5 OF 5	
APPLICATION		MATERIAL	DO NOT SCALE DRAWING						



NOTE
THE TEST POSITION IS ONLY TO BE USED DURING RF POWER METER
CALIBRATION PROCEDURES. THIS SWITCH MUST REMAIN IN THE OPERATE
POSITION FOR CONTINUED EQUIPMENT PROTECTION

WARNING

PARTS LIST		ACRODYNE INDUSTRIES	
DRAWN	REG	DATE	7/27/72
CHECKED			
MECH ENGR			
ELEC ENGR			
APPROVAL			
UNLESS OTHERWISE SPECIFIED			

Acrodyne Industries Inc.
516 Township Line Road
Blue Bell, Pennsylvania 19422

TITLE
**CONTROLS & INDICATORS
RF POWER MONITOR**

