

8

7

6

5

↓

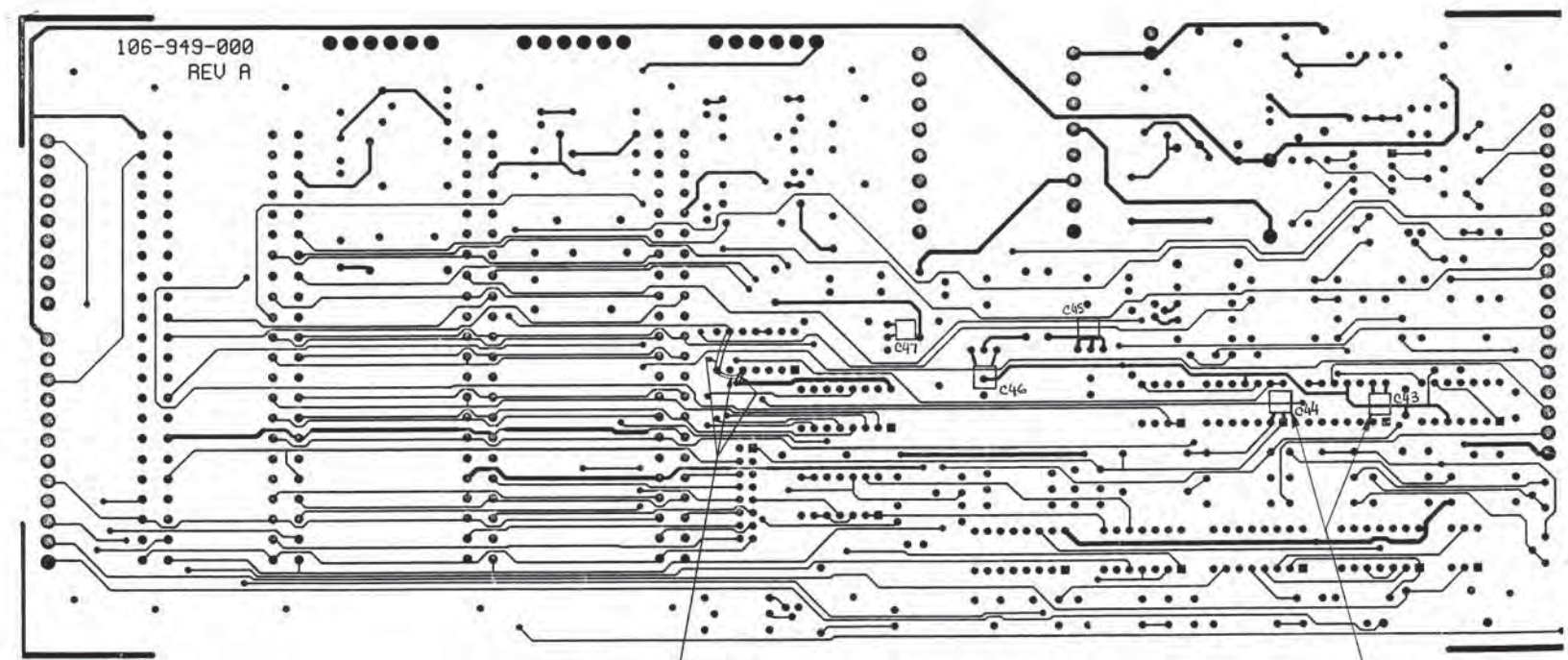
4

3

2

1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1 FOR REV HISTORY		



3 PL
106-950-100
ONLY

89

SCALE: NONE

STAKE COMPONENTS C43 THRU C47
TO BOTTOM OF BOARD, AS SHOWN,
USING ITEM 93.

D

C

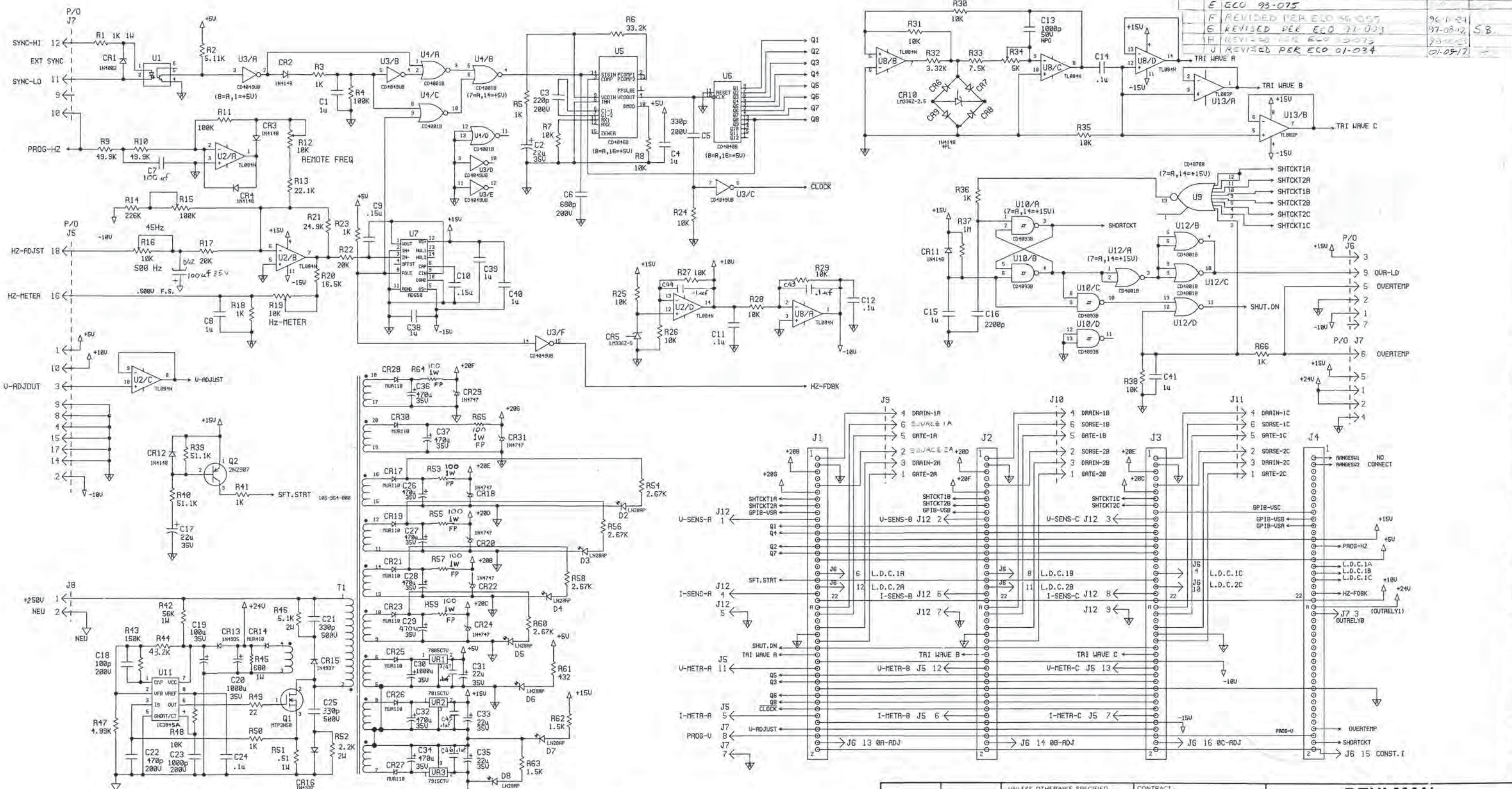
B

A

106-950-XXX

SIZE	CODE IDENT NO.	REV
D	53636 106-950-XXX	L
SCALE 1:1	SHEET 2 OF 2	

REV STATUS OF SHT		REVISIONS		
ZONE	LTR	DESCRIPTION	DATE	APPROVED
A		REVISED AND REDRAWN	1-29-93	
B		ECO 93-031	3/15/93	
C		R44 FROM 215 TO 43.2K R49 FROM 210 TO 22	1/27/93	
D		C13 FROM 580P TO 350P	5/1/93	
E		ECO 93-075		
F		REVISED PER ECO 96-035	96-11-24	
G		REVISED PER ECO 97-034	97-08-12	S.B.
H		REVISED PER ECO 98-075	98-08-25	
J		REVISED PER ECO 01-034	01-09-17	



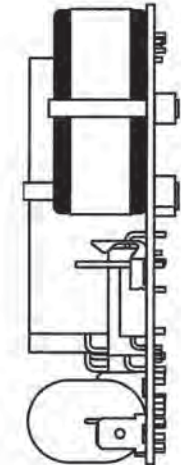
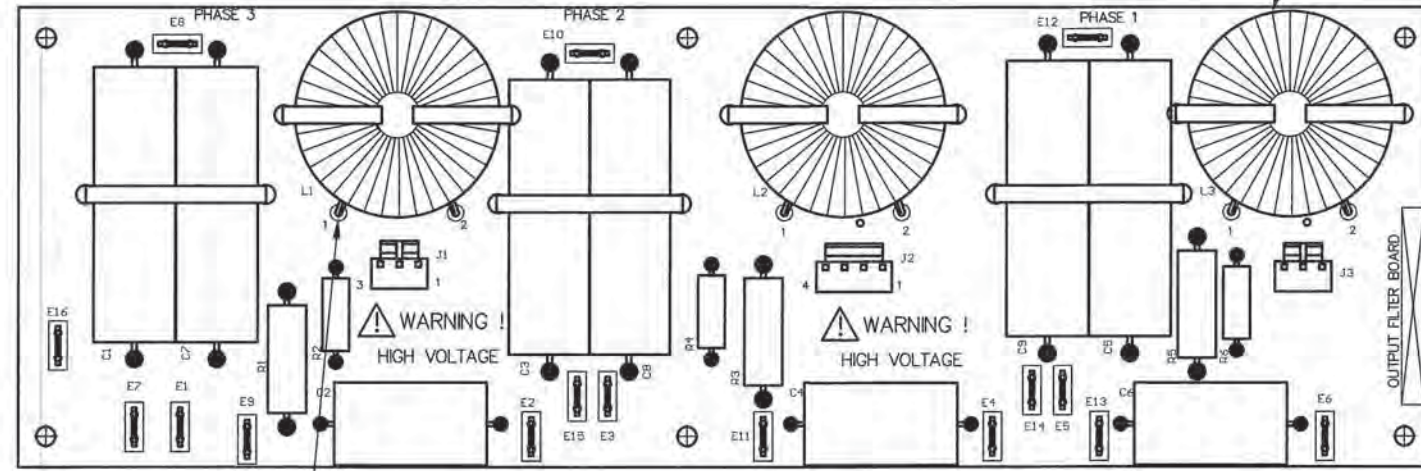
HIGHEST REF DES
 U13
 CR31
 R66
 C47
 D2-D8

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS = 3 PLACE DECIMALS ± 2 PLACE DECIMALS ± ANGLES ±		CONTRACT	
DO NOT SCALE THIS DRAWING		DRAWN: J. BOTTIGLIERE DATE: 1-27-93	
MATERIAL:		CHECKED:	
106-950-000 BLINK		ENGR:	
NEXT ASSY: US'D ON		SCALE: 1 SHEET 1 of 1	
APPLICATION:		BEHLMAN An Astrosystems Company Schematic DIAG MOTHER BOARD 3 PHASE SIZE: D 53636 CODE IDENT NO: 106-948-000 REV: J	

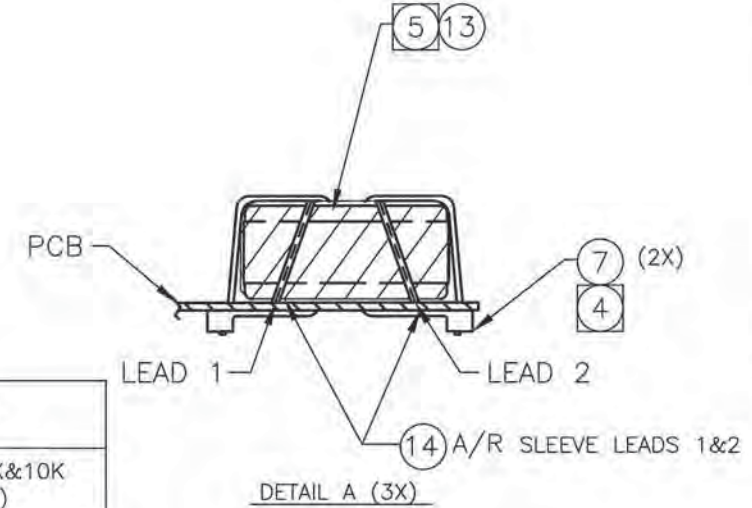
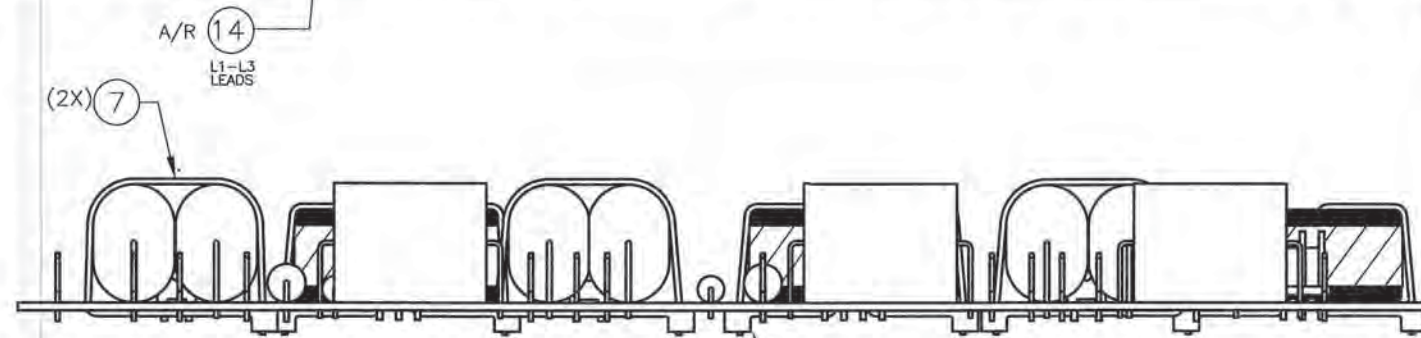
106-948-000

PROPRIETARY
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 BEHLMAN ELECTRONICS INC.
 HAUPPAUGE, NEW YORK

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	920728	RKL
A		CHANGED CAP C1-C6	930610	RKL
B		REVISED PER ECO 96-006	960321	RKL
C		REVISED PER ECO 06-044 (AGB)	060310	RKL
D		REVISED & REDRAWN PER ECO 10-064 (AGB)	100826	RKL
E		REVISED PER ECO11-134 (FPM)	12-06-11	RKL
F		REVISED PER ECO 13-112 (FPM)	8-5-13	RKL
G		REVISED PER ECO 14-109 SC	9-25-14	RKL



CONTROLLED DOCUMENT



REF. (SEE DETAIL A) 7

ASSEMBLY PART NUMBER	PHASE 1	PHASE 2	PHASE 3	USAGE
106-953-001	ALL	ALL	ALL	BL3300,5K&10K (3 PHASE)
106-953-002	ALL	ALL	ALL	BL15K,20K,10K M.T. (3 PHASE)
106-953-003	ALL	OMIT: C3,C4,C8,E3 E4,E10,L2,R3,R4	ALL	BL6K,(2 PHASE)
106-953-007	OMIT: C5,C6,C7,E3,E4,E6 E13,J3,L3,R5,R6	ALL	OMIT: C1,C2,C9,E2 E8,J1,L1,R1,R2	BL7K,(1 PHASE)
106-953-010	OMIT: C5,C6,C7,E3,E4,E6 E13,J3,L3,R5,R6	ALL	OMIT: C1,C2,C9,E2 E8,J1,L1,R1,R2	BL3100,(1 PHASE)
106-953-012	ALL	OMIT: C3,C4,C8,E3 E4,E10,L2,R3,R4	ALL	BL12K,BL6K M.T. (2 PHASE)

NOTES:

- INTERPRET DRAWING I.A.W. MIL-STD-100.
- WORKMANSHIP SHALL BE I.A.W. IPC-A-610, CLASS 2.
- SOLDER I.A.W. ANSI/J-STD-001, CLASS 2.
- USING TY-WRAP (ITEM 7) SECURE THE FOLLOWING COMPONENTS AS SHOWN: L1-L3, C1, C3, C5, C7, C8, C9. ALL TY-WRAP HEADS MUST BE PLACED ON SOLDER SIDE OF BOARD.
- TAPE ALL AROUND L1,L2,L3 INSULATORS PRIOR TO INSTALLATION USING ITEM 13.
- PRINT INDELIBLY AND LEGIBLY "53636 ASSY 106-953-[] REV.[]/[] SER.NO.XXXX", WITH APPROPRIATE DASH NUMBER AND REVISION LEVEL, BY MEANS OF THERMAL TRANSFER ON ADHESIVE LABEL USING 7.0 POINT CHARACTERS IN BLACK INK. LOCATE APPROX AS SHOWN.
- THIS ASSEMBLY CONTAINS PARTS SENSITIVE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD). USE ESD PRECAUTIONARY PROCEDURES WHEN ASSEMBLING OR HANDLING PER MIL-HDBK-263 AND MIL-STD-1686, CLASS 1. ALL WORK TO BE PERFORMED AT STATIC SAFE WORK STATIONS.

106-908-012	BL12K SERIES
106-909-004	BL3100 SERIES
106-908-007	BL7K SERIES
106-908-006	BL6K SERIES
106-908-002	BL20K SERIES
106-908-001	BL5K/BL10K SERIES
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 TOLERANCES: FRAC
 3 PLACE DEC ±.005
 2 PLACE DEC ±.02
 ANGLES ± 1°
 DO NOT SCALE THIS DWG
 MATERIAL: N/A

THIS DRAWING SHALL ONLY BE CHANGED BY USE OF CAD

DRAWN DATE
 AGB 100826

CHECKED *N. Jany* 11/18/14

ENGR *S. Boyd* 11/18/14

SEE SEPARATE PARTS LIST

BEHLMAN

PWA,HPBL OUTPUT FILTER

SIZE	CODE IDENT NO.	REV
C	53636	G
SCALE 1:1 CAD FILE:106-953-XXXG.DWG		SHEET 1 OF 1

106-953-XXX



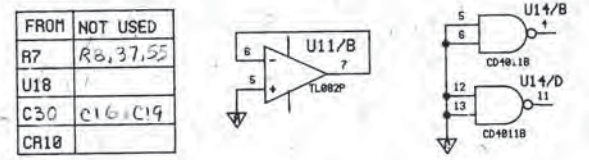
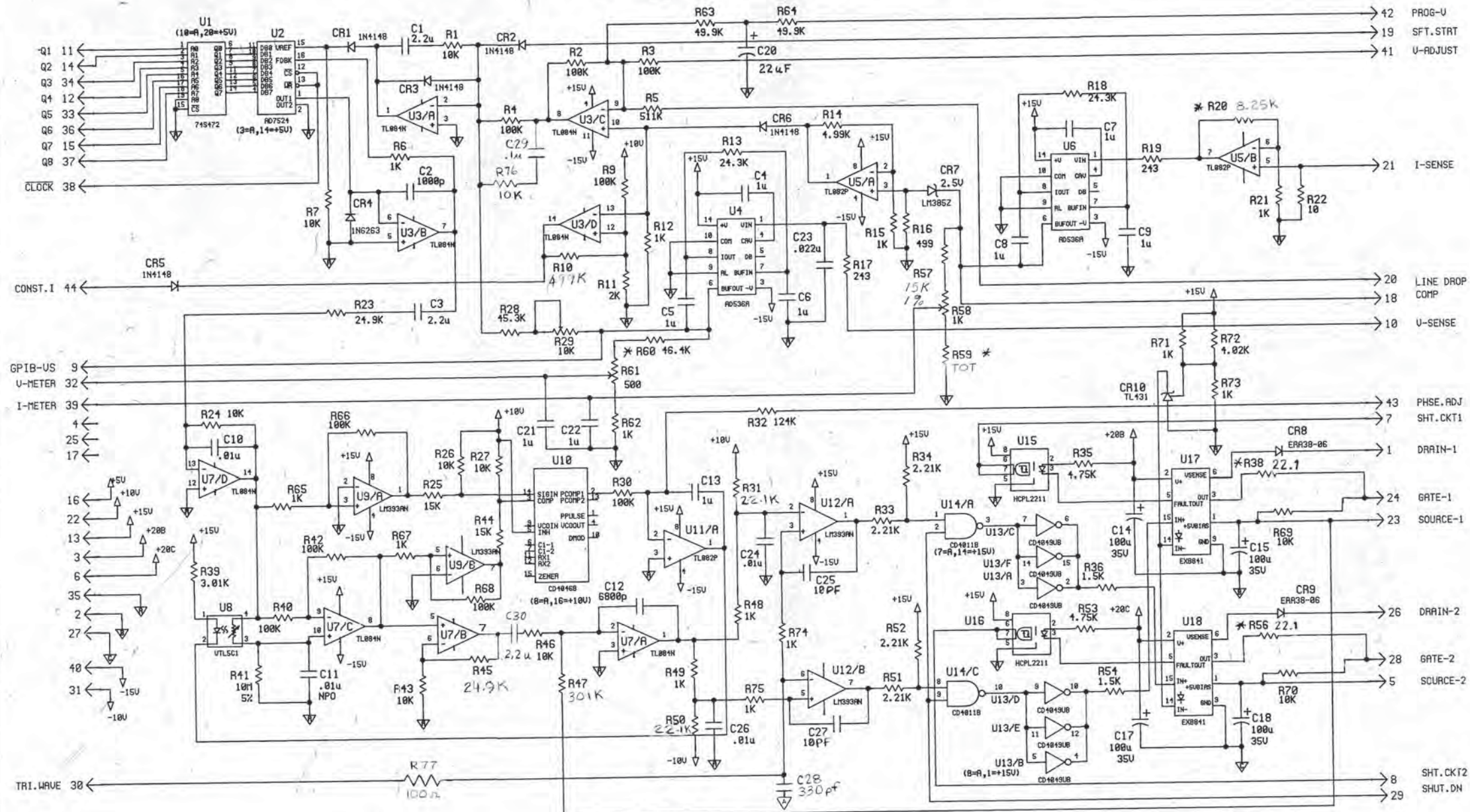
A

AutoCAD Generated Document

PROPRIETARY
 THE PROPRIETARY INFORMATION CONTAINED IN THIS DOCUMENT SHALL NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE NOR FOR MANUFACTURING PURPOSES WITHOUT PERMISSION OF BEHLMAN ELECTRONICS INC. THE ACCEPTANCE OF THIS DOCUMENT WILL BE CONSTRUED AS AN ACCEPTANCE OF THE FOREGOING CONDITION.
 BEHLMAN ELECTRONICS INC.
 HAUPPAUGE, NEW YORK

REV STATUS OF SHT		REVISIONS				
SHT	REV	ZONE	LTR	DESCRIPTION	DATE	APPROVED
1	K	B		ECO 93-033	3/15/95	Jrc
		C		R31,50 FROM 33.2K C25,27 FROM 100P		
		D		REVISED PER ECOS 96-007	96-10-24	
		E		REVISED PER ECO 96-043	96-10-24	SB
		F		REVISED PER ECO 96-044	96-10-24	S.P.royl
		G		REVISED PER ECO 97-054	97-08-15	S.Boyle
		H		REVISED PER ECN 98-032	98-08-03	

ZONE	LTR	DESCRIPTION	DATE	APPD
-	J	Revised Per ECO 98-034	980831	S.B
-	K	Revised Per ECO 00-190	10-20-00	CJC



*SEE SAT MATRIX SCD (107-850-000)
 FOR R20, R59, R56, R38, & R60 VALUES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 3 PLACE DECIMALS ± 2 PLACE DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL:
106-676-900
106-944-000 BL101
NEXT ASSY USED ON
APPLICATION

CONTRACT
DRAWN J. BOTTIGLIERE 11-20-92
CHECKED [Signature] 10-20-00
ENGR [Signature] 11-24-92
DATE

BEHLMAN
 An Astrosystems Company

SCHEM DIAG
 PHASE CONTROL DRIVER
 3 PHASE BL

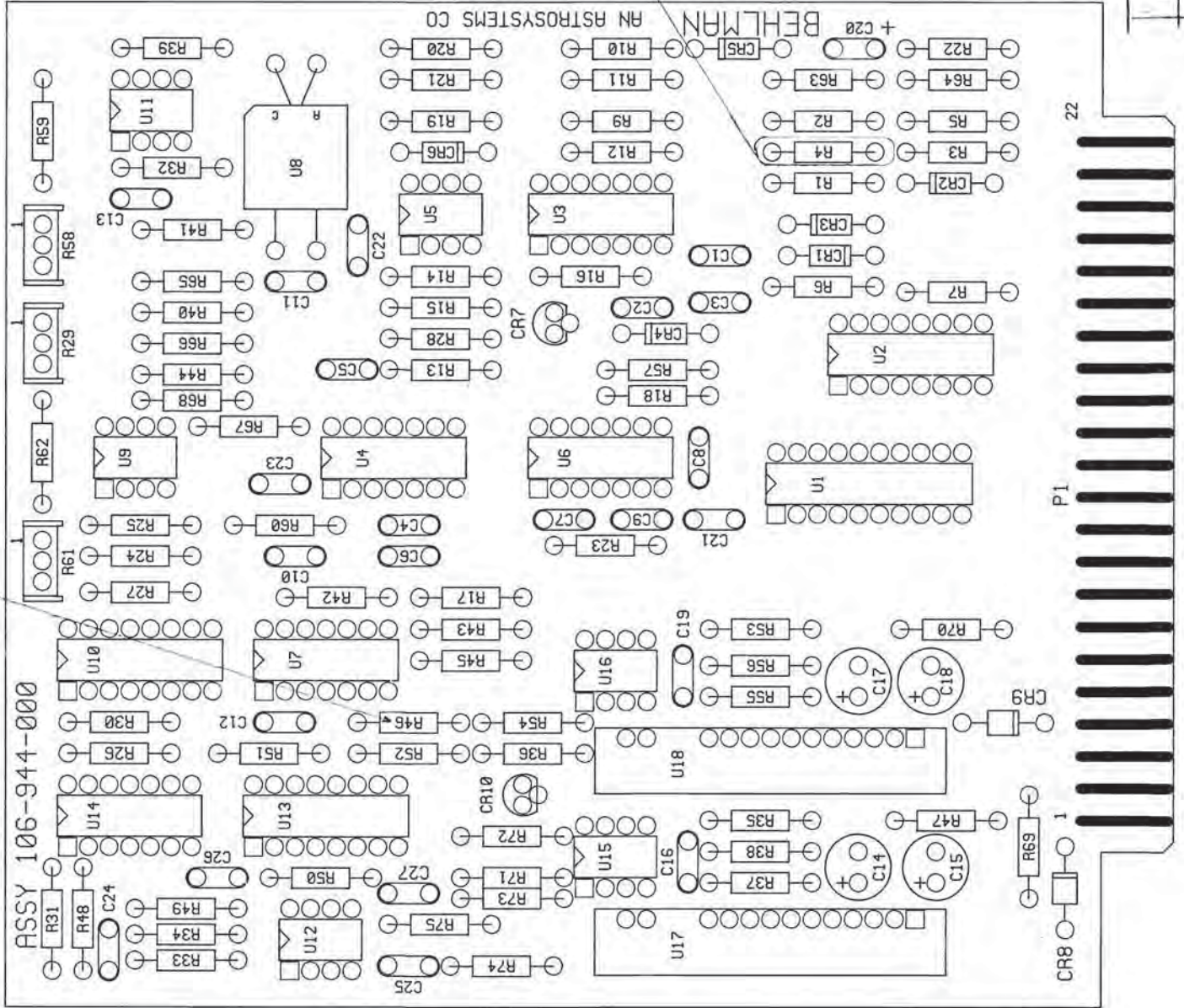
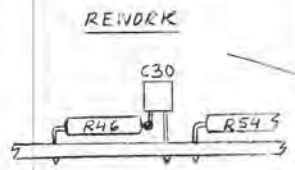
SIZE	CODE IDENT NO.	REV
C	53636	1
SCALE	106-942-000	SHEET 1 OF 1

106-942-000

PROPRIETARY
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 BEHLMAN ELECTRONICS INC.
 HAUPPAUGE, NEW YORK

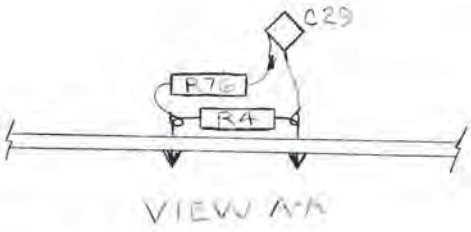
REV STATUS OF SHT		REVISIONS				
SHT	REV	ZONE	LTR	DESCRIPTION	DATE	APPROVED
			B	REVISED PER ECO 96-042	961024	
			C	REVISED PER ECO 97-054	08-11-97	S. Boyle
			D	REVISED PER ECO 98-032		S. Boyle
			E	REVISED PER ECO 98-034	980803	S. Boyle
			F	REVISED PER ECO 00-154	000823	S. Boyle
			G	REVISED PER ECO 00-190	001011	S. Boyle
			H	REVISED PER ECO 12-027 (FPM)	03-09-12	A. Adams

SEE REWORK VIEW A-A



*SEE SAT MATRIX SCD (107-850-000) FOR R20, R59, R56, R38 & R60 VALUES
 MASK WHEN WAVE SOLDERING.
 HOLES MUST BE FREE OF SOLDER!

SEE SEPARATE PARTS LIST



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 3 PLACE DECIMALS ± 2 PLACE DECIMALS ± ANGLES ±		CONTRACT		BEHLMAN An Astrosystems Company PRINTED WIRING ASSY PHASE CONTROL DRIVER 3 PHASE BL	
DO NOT SCALE THIS DRAWING		DRAWN DATE J.M. 10-11-00			
MATERIAL: BL20 K 106-676-200		CHECKED S. Boyle 10-20-00		SIZE CODE IDENT NO. REV C 53636 106-944-XXX H	
NEXT ASSY USED ON		ENGR S. Boyle 10-20-00		SCALE 2:1 SHEET 1 OF 3	
APPLICATION					

106-944-XXX

DRAWING 28719 FORM # 898E

4

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2

1

REV STATUS OF SHT		REVISIONS			
ZONE	LTR	DESCRIPTION	DATE	APPROVED	
SHT	REV	SEE SHEET 1 FOR REV HISTORY		3/14/12	<i>[Signature]</i>

D

D

C

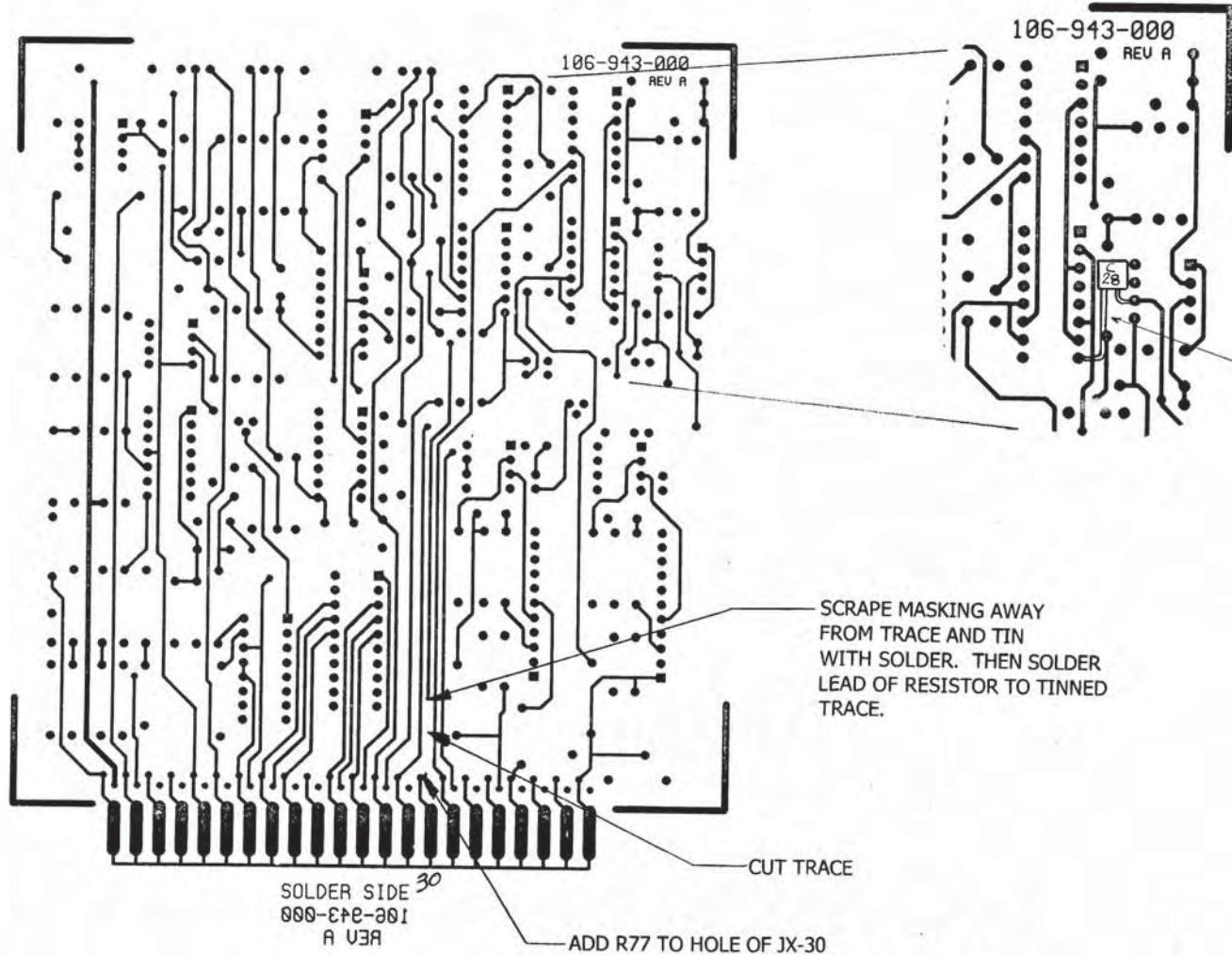
C

B

B

A

A



ADD C28 (106-481-331)
AS SHOWN

SLEEVE AS REQUIRED
USING 22AWG TEFLON
TUBING (110-002-022).

SCRAPE MASKING AWAY
FROM TRACE AND TIN
WITH SOLDER. THEN SOLDER
LEAD OF RESISTOR TO TINNED
TRACE.

106-944-XXX

CONTROLLED
DOCUMENT

SIZE	CODE IDENT NO.	REV
C	53636	H
106-944-XXX		

4

3

2

1

REV STATUS OF SHT		REVISIONS				
SHT	REV	ZONE	LTR	DESCRIPTION	DATE	APPROVED
				SEE SHEET 1 FOR REV HISTORY	3/11/12	<i>J. Palmer</i>

D

D

C

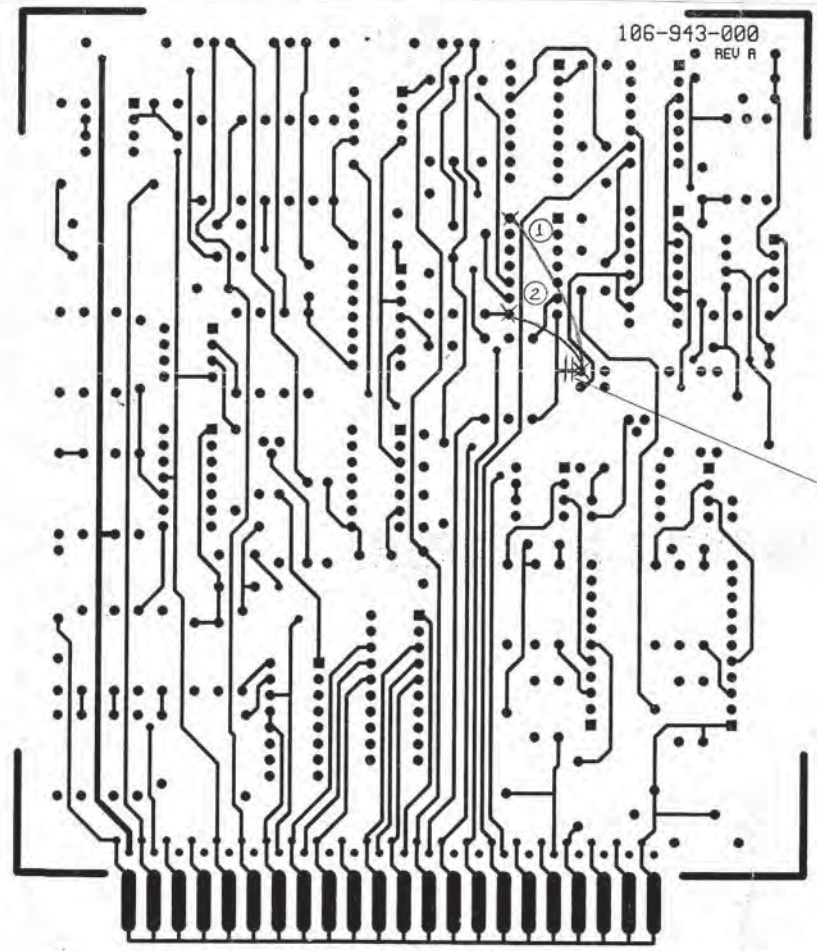
C

B

B

A

A



NOTE: THESE MODS FOR SINGLE PHASE 270 OUTPUT ONLY.

* ADD JUMPER #1 IN PHASE C BOARD ONLY

* ADD JUMPER #2 TO PHASE A BOARD ONLY

CUT ONE PLACE FOR BOTH A & C PHASE BOARDS

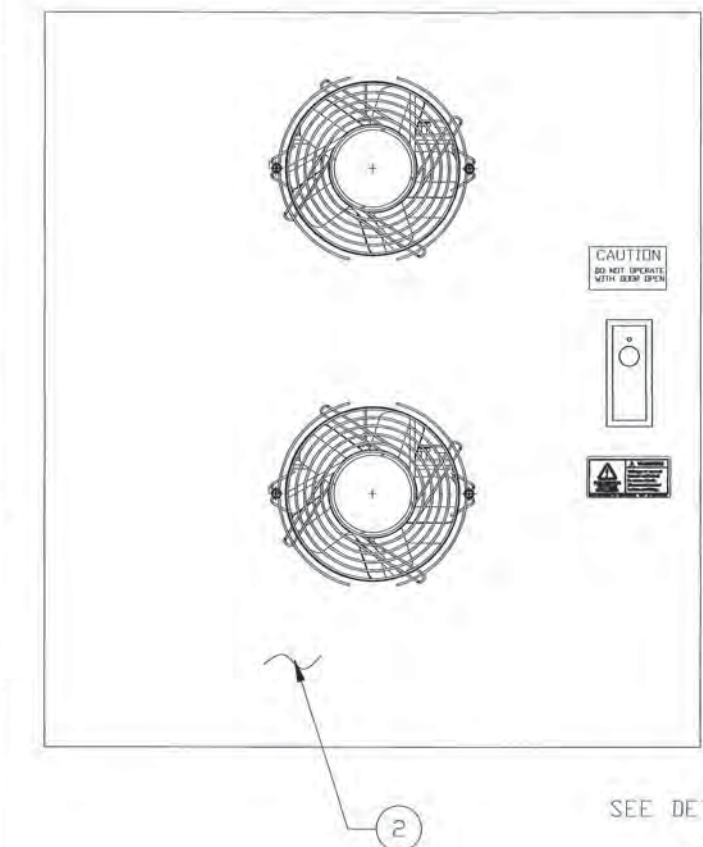
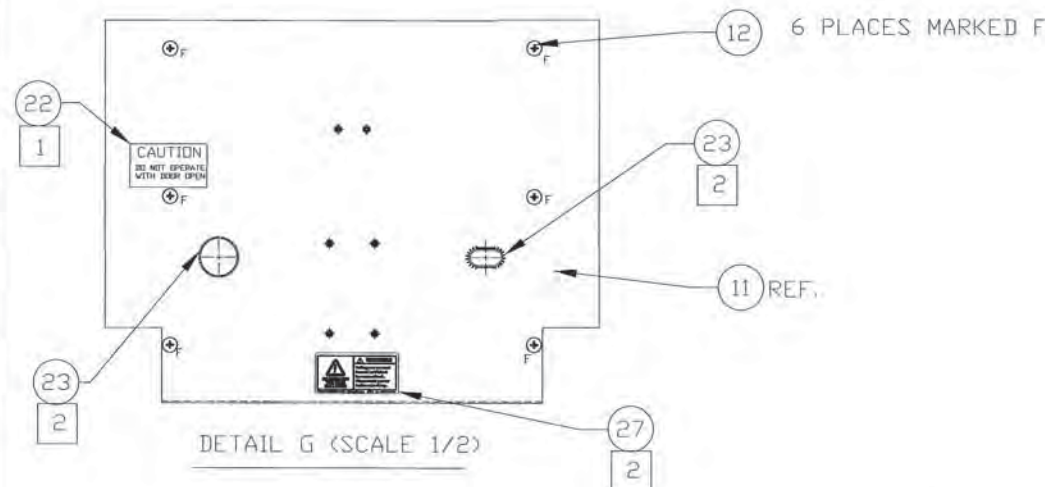
* USE 28 AWG. SOLID INSULATED WIRE. (108-163-289)

106-944-XXX

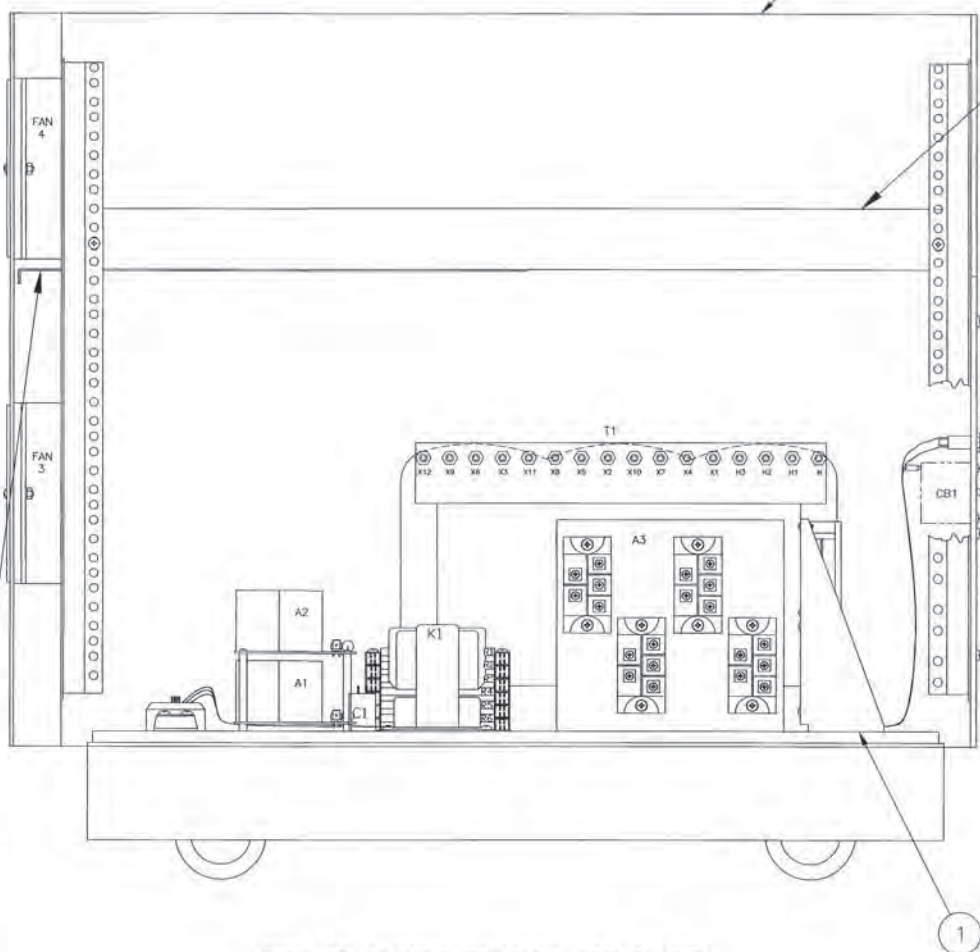
CONTROLLED DOCUMENT

SIZE	CODE IDENT NO.	REV
C	53636 106-944-XXX	H
SCALE	SHEET 3 OF 3	

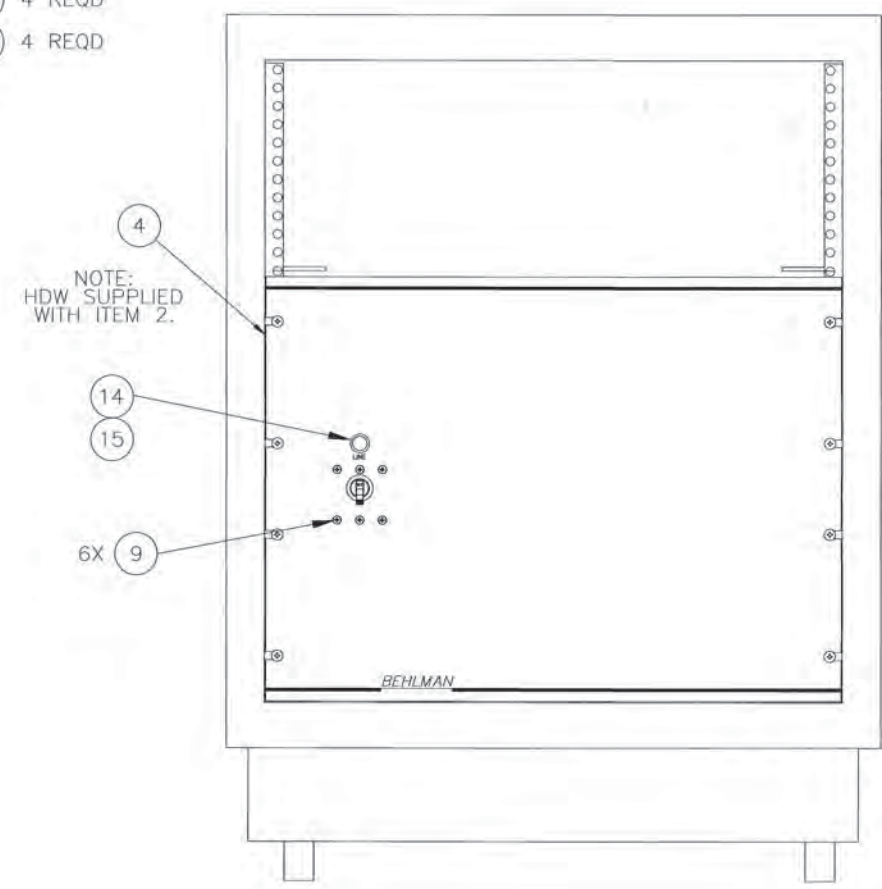
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
A		ADDED 2 MORE CAP BOARDS		D.M
B		REVISED WIRE RUN SCHEDULE.	95-7-27	D.M
C		REVISED WIRE RUN SCHEDULE.		D.M
D		DELETED ITEMS 5 AND 6, ADDED NOTE "HDW SUPPLIED WITH ITEM 2".		D.M
E		REVISED PER ECO 96-049	961021	P.M
F		REVISED PER ECO 03-036	030522	P.M
G		REVISED PER ECO 03-117	030929	P.M
H		REVISED PER ECO 15-013 (FFM)	02-02-15	RKL
J		REVISED PER ECO 16-009 (KG)	160513	<i>J. Behlman</i>



SEE DETAIL G (11)
6 REQD (12)
SEE NOTE 1 (22)
SEE NOTE 2 (23)



SIDE OF CHASSIS REMOVED FOR CLARITY



CONN NO.	FROM	LUG ITEM NO.	TO	LUG ITEM NO.	AWG	COLOR	COMMENTS
9	TB2-N	26	T1-N	26	8	WHT	SEE NOTE 4
8	CB1-0C (D)	19	K1 IN (C)	19	10	BLU	SEE NOTE 5
7	CB1-0B (D)	19	K1 IN (B)	19	10	RED	SEE NOTE 5
6	CB1-0A (D)	19	K1 IN (A)	19	10	BLK	SEE NOTE 5
5	TB2-0C	18	CB1-0C (A)	19	10	BLU	SEE NOTE 5
4	TB2-0B	18	CB1-0B (A)	19	10	RED	SEE NOTE 5
3	TB2-0A	18	CB1-0A (A)	19	10	BLK	SEE NOTE 5
2	T1-X3	25	INDICATOR LIGHT	21	20	WHT	
1	T1-X1	25	INDICATOR LIGHT	21	20	BLK	

WIRE RUN SCHEDULE

- NOTES:
- CENTER LABEL TOWARD REAR OF BAFFLE (SIDE CLOSEST TO REAR DOOR).
 - WRAP PROTECTIVE STRIPPING AROUND CUTOUTS FOR WIRES.
 - FOR -007 SEE DRAWING 106-977-007.
 - FOR C1, C4 OPTION WIRE WILL BE 6 AWG.
 - FOR C1, C4 OPTION WIRES 3 THROUGH 8 WILL BE 8 AWG.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACT	
TOLERANCES: FRAC ±		DRAWN J. ALGERIO DATE 93-03-23	
3 PLACE DEC ±		CHECKED <i>J. Behlman</i> DATE 6/22/16	
2 PLACE DEC ±		ENGR <i>S. Puhl</i>	
ANGLES ±		MATERIAL	
DO NOT SCALE THIS DWG		NEXT ASSY USED IN	
APPLICATION		SCALE 1/3 CADFILE: 106-977-0XXJ.DWG SHEET 1 OF 1	

CONTROLLED DOCUMENT

SEE SEPARATE PARTS LIST

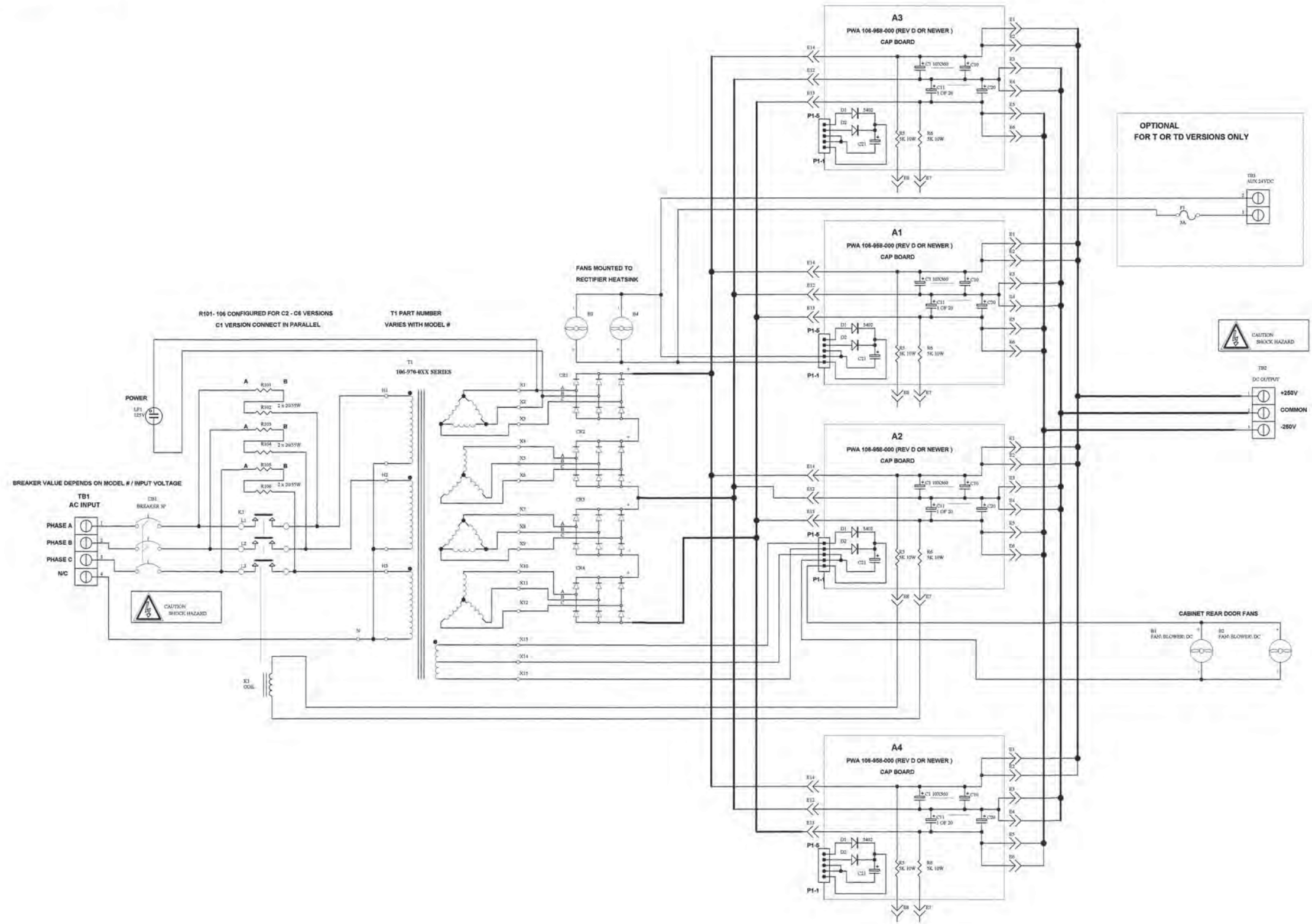
BEHLMAN

POWER CHASSIS ASSEMBLY, 20K

SIZE	CODE	IDENT NO.	REV
D	53636	106-977-0XX	J

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 BEHLMAN ELECTRONICS INC.
 HALFPRAQUE, NEW YORK

REVISION HISTORY						
ZONE	LTR	DESCRIPTION	DATE	APPROVED	DRL #	INT.
-	-	INITIAL RELEASE				
A		ADDED (2) 5 OHMS RESISTOR TO K1				
B		REVISED AND REDRAWN PER ECO 13-016	1/8/13	RKL		



CAUTION
 SHOCK HAZARD

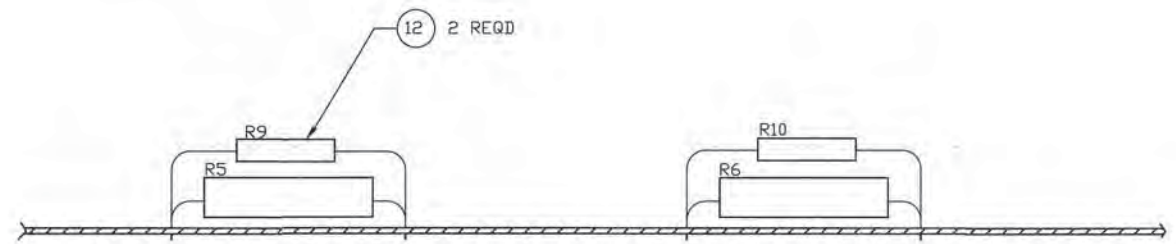
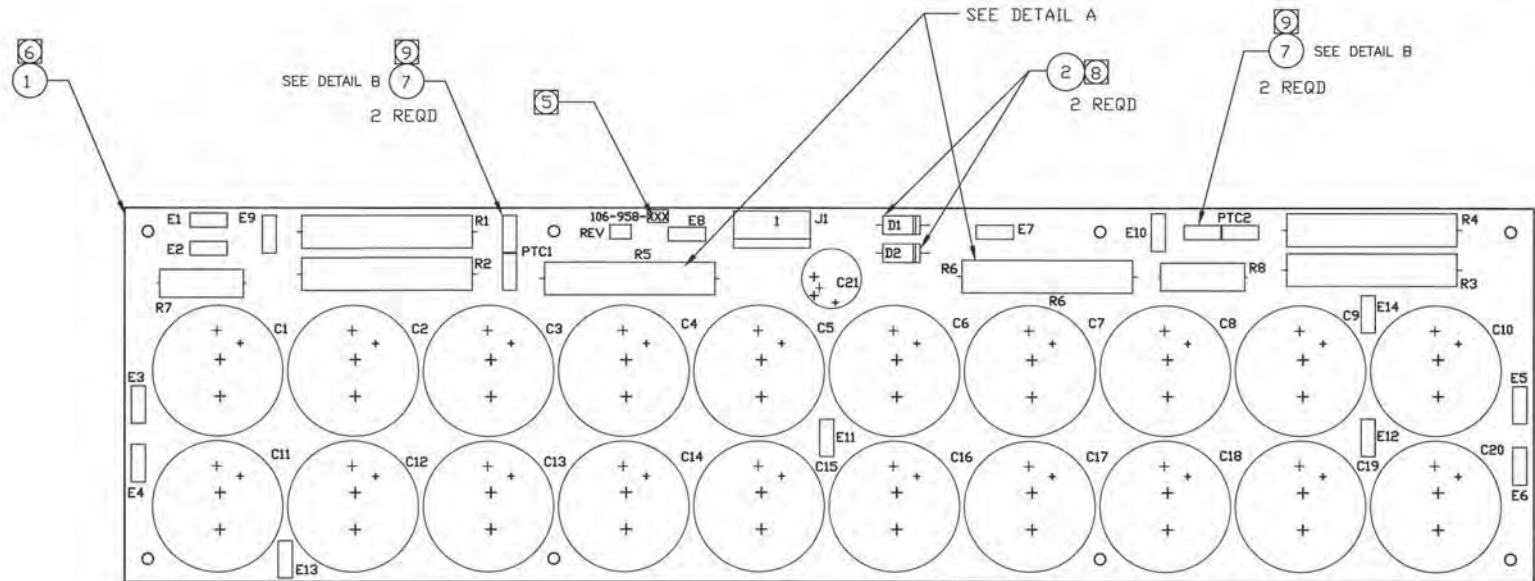
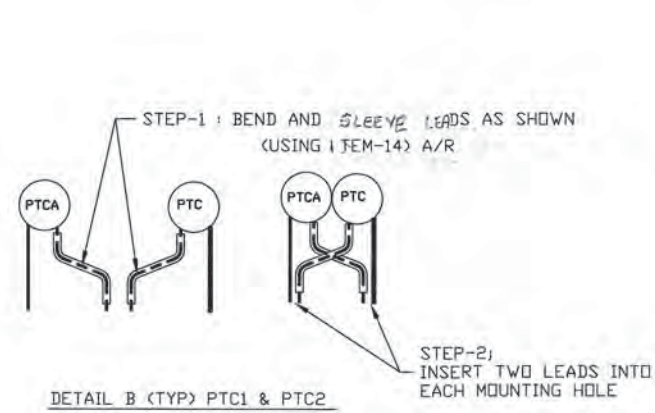
CONTROLLED DOCUMENT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: 3 PLACE DEC: ±.005 2 PLACE DEC: ±.01 ANGLES: ±1°			THIS DRAWING SHALL ONLY BE CHANGED BY USE OF CAD		BEHLMAN	
DO NOT SCALE THIS DRAWING			DRAWN: S BOEGLER DATE: 4/24/2012		SCHEMATIC DIAGRAM	
MATERIAL:			CHECKED: [Signature] DATE: 1/31/13		BL 12K, 15K, 20K 3PHASE INPUT	
106-977-002	106-978-0XX	HPBL 12K, 15K, 20K	SIZE: D	CODE IDENT NO: 53636	PART NO: 106-956-001	REV: B
APPLICATION			DATE: 1/22/13	SCALE:	CAD FILE:	SHEET: 1 OF 1

106-956-001

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 BEHLMAN ELECTRONICS INC.
 HALPPAUGE, NEW YORK

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REWORKED TO ACCOMMODATE NEW RS.R6	92-07-21	RA
	B	CHANGED FROM -000 TO -XXX		RA
	C	ADDED DETAIL A	93-08-20	RA
	D	REVISED PER ECO 00-291	01-01-15	RA
	E	REVISED PER ECO 02-152	02-12-02	RA
	F	REVISED PER ECO 04-079	04-05-03	RA
	G	REVISED PER ECO 10-021	03-24-10	RKL
	H	REVISED PER ECO 12-101 (FPM)	5-16-12	RKL



ATTENTION
 OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

- NOTES:
- INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100.
 - WORKMANSHIP SHALL BE I.A.W. MIL-HDBK-454, GUIDELINE 9.
 - SOLDER IN ACCORDANCE WITH ANSI-J-STD-001, CLASS 2.
 - THIS ASSEMBLY CONTAINS PARTS SENSITIVE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD). USE ESD PRECAUTIONARY PROCEDURES WHEN ASSEMBLING OR HANDLING PER MIL-HDBK-263 & MIL-STD-1686, CLASS 1.
 - PRINT INDELIBLY & LEGIBLY 53636 106-958- (INSERT APPROPRIATE DASH NO). ADD LATEST REV LTR & SER. NO. XXX BY MEANS OF THERMAL TRANSFER ON ADHESIVE LABEL USING 7.0 POINT CHARACTERS IN BLACK INK. LOCATE WHERE SHOWN.
 - MAX LEAD PROTRUSION TO BE .06 TYP ALL COMPONENTS.
 - REFERENCE DOCUMENTS:
 3.1 SCHEMATIC DIAGRAM: 106-956-000.
 - INSERT (ITEM-2) DIODE INTO BOARD, REFERENCE DESIGNATIONS D1 AND D2.
 - SOLDER 2 THERMISTERS INTO INTO PTC1 AND PTC2.

CONTROLLED DOCUMENT

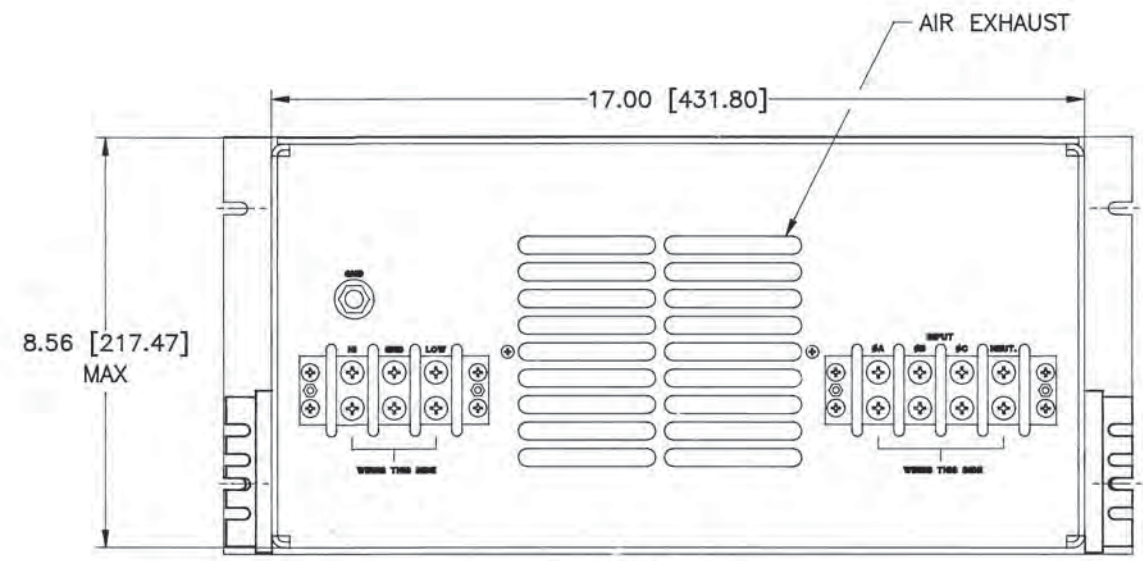
SEE SEPARATE PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		THIS DRAWING SHALL ONLY BE CHANGED BY USE OF CAD		BEHLMAN	
TOLERANCES: FRAC 3 PLACE DEC ±.005 2 PLACE DEC ±.01 ANGLES ± 1°		DRAWN: J.A.LGERID DATE: 92-07-21			
DO NOT SCALE THIS DWG		CHECKED: <i>R. Perry</i> DATE: 6/1/12		PWA, SOFT START/FILTER	
MATERIAL:		ENGR: <i>S. Byrd</i> DATE: 6/1/12			
106-983-000	106-977-000	QUALITY CONTROL	DATE:	SIZE: D	CODE IDENT NO: 53636
NEXT ASSY	USED ON	MANUFACTURING	DATE:	106-958-XXX	REV: H
APPLICATION				SCALE: 1:1 CAD FILE: 958-XXX.DWG SHEET 1 OF 1	

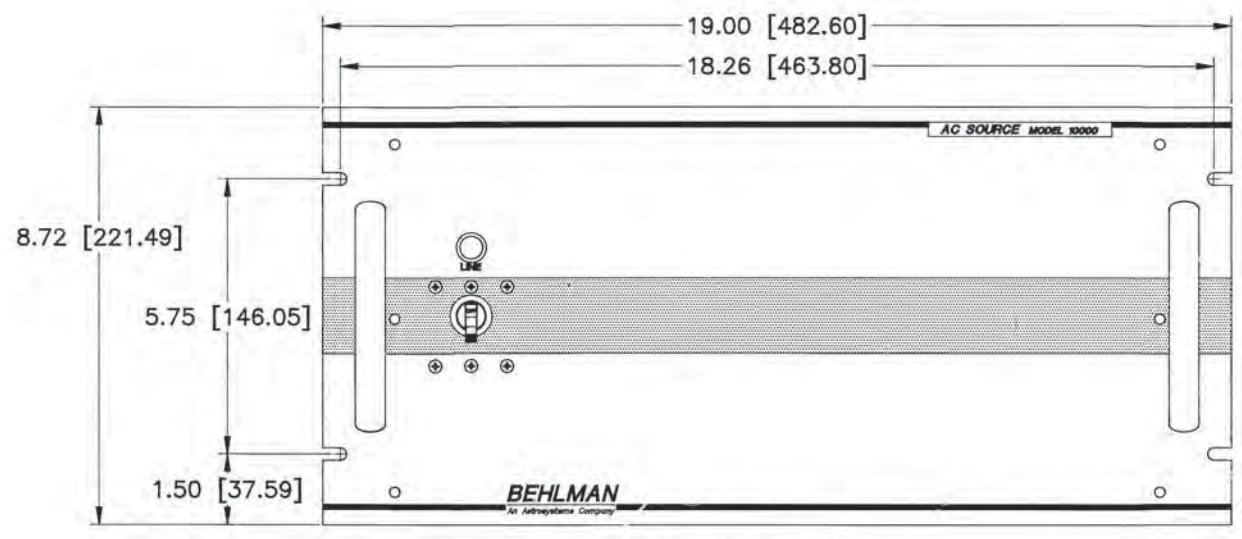
106-958-XXX

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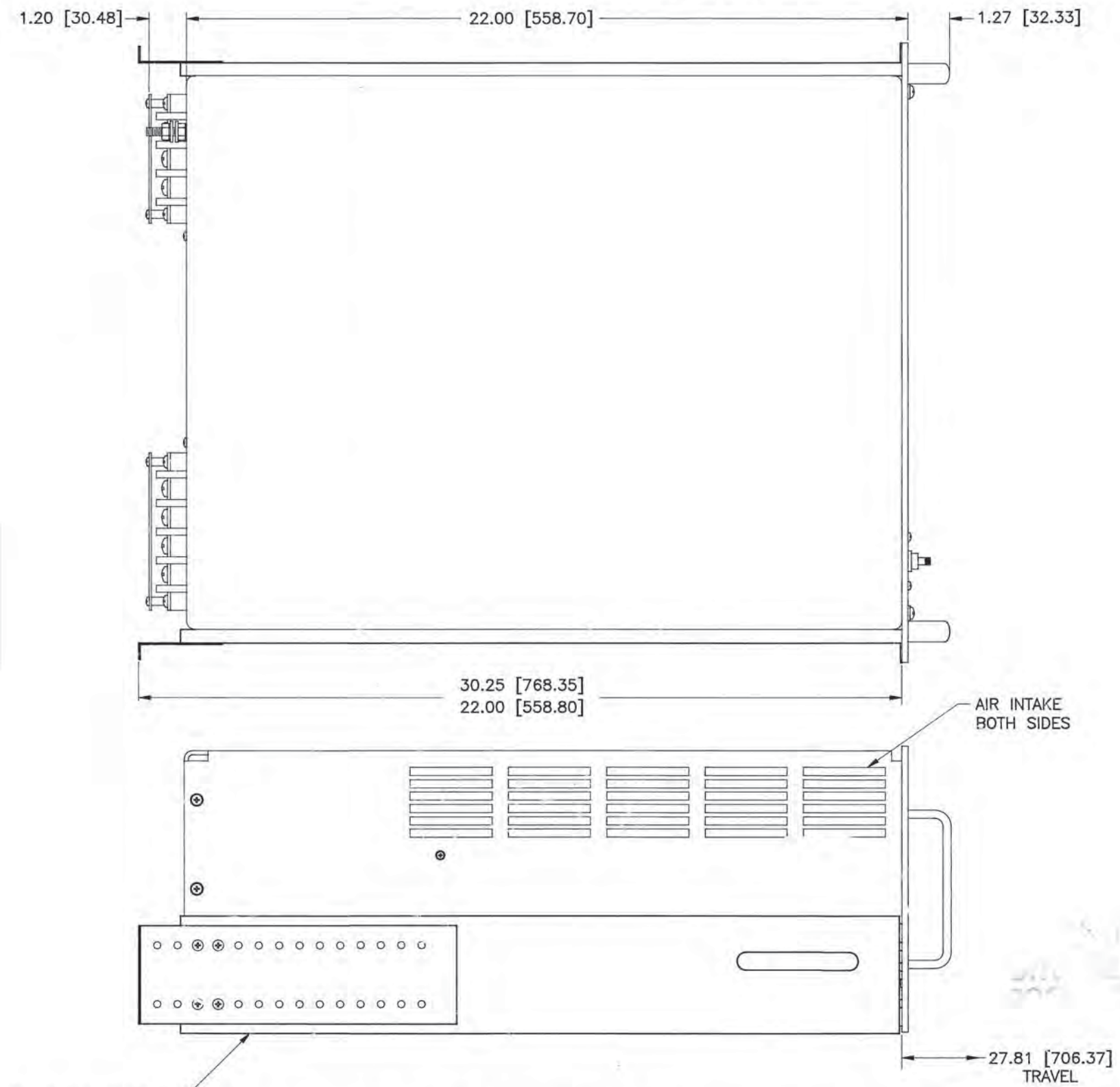
REV STATUS OF SHT		ZONE		LTR		REVISIONS		DATE	APPROVED
SHT	REV							9207-21	R.F.
							ORIGINAL RELEASE		



REAR VIEW
TERMINAL BLOCK SAFETY COVERS REMOVED FROM VIEW FOR CLARITY



FRONT VIEW



SLIDES: 101-085-010

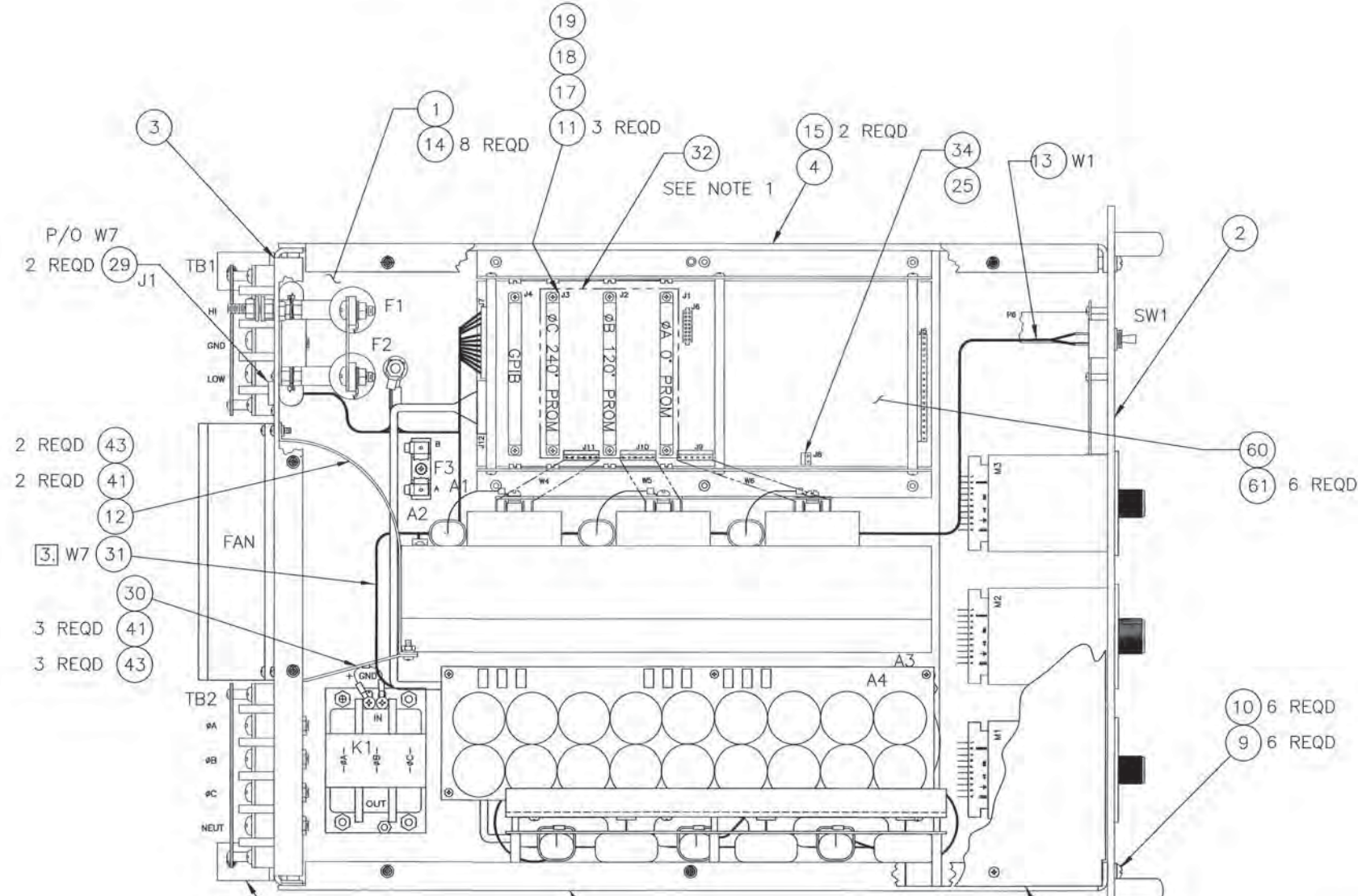
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 3 PLACE DECIMALS ± 2 PLACE DECIMALS ± ANGLES ±		CONTRACT		BEHLMAN An AstroSystems Company	
DO NOT SCALE THIS DRAWING		DRAWN J.ALGERIO DATE 92-07-24 CHECKED D.MORTENSEN 93-1-26 ENGR A.ROMAY 93-1-20			
MATERIAL:				OUTLINE DRAWING POWER CHASSIS	
NEXT ASSY		USED ON		SIZE D	CODE IDENT NO. 106-977-500
APPLICATION				SCALE 1/2	REV -
				SHEET	

106-977-500

REVISED 10/17/84 BY R.F.

PROPRIETARY
 THE PROPRIETARY INFORMATION CONTAINED IN THIS DOCUMENT MUST NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE, NOR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION OF BEHLMAN ELECTRONICS INC. THE ACCEPTANCE OF THIS DOCUMENT WILL BE CONSTRUED AS AN ACCEPTANCE OF THE FOREGOING CONDITION.
 BEHLMAN ELECTRONICS INC.
 MAUPOUGE, NEW YORK

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
A		ADDED NOTE 1	93/12/20	D.M.
B		ADDED CONN NO'S.	94/12/16	T.M.
C		WIRE RUN SCHEDULE, ADDED CONN NO'S 16 AND 17		T.M.
D		WIRE RUN SCHEDULE, CONN. NO.2 WAS F3-A	96/03/15	T.M.
E		ADDED CAP BOARD ASSY PER ECO 96-019	96-06-05	T.M.
F		REVISED WIRERUN PER ECO 98-018	98-02-20	T.M.
G		REVISED PER ECO 98-108	99-03-04	T.M.
H		REVISED PER ECO 01-007	01-01-26	T.M.
J		REVISED PER ECO 09-045 (FM)	04-15-09	R.LOWERY
K		REVISED PER ECO 09-097 (BZ)	07-15-15	R.LOWERY
L		REVISED PER ECO 15-173 (BZ)	09-21-15	R.LOWERY
M		REVISED PER ECO 16-018 (KG)	06-06-16	R.LOWERY



CONN NO.	FROM	LUG ITEM NO.	TO	LUG ITEM NO.	AWG	COLOR	COMMENTS
17	A3A1-E14	24	NEUT STUD.	21	10	WHT	NEUT
16	A3A1-E15	24	NEUT STUD.	21	10	WHT	NEUT
15	A3A1-E16	24	NEUT STUD.	21	10	WHT	NEUT
14	F3-B	23	F1-A*	-	22	RED	
13							
12	A3L6-OUT	-	K1-IN øA	-	10	WHT	(REF.)
11	A3L5-OUT	-	K1-IN øB	-	10	WHT	(REF.)
10	A3L4-OUT	-	K1-IN øC	-	10	WHT	(REF.)
9	K1-øC OUT	22	TB2-øC	21	10	BLUE	øC
8	K1-øB OUT	22	TB2-øB	21	10	RED	øB
7	K1-øA OUT	22	TB2-øA	21	10	BLK	øA
6	NEUT STD	40	TB2-NEUT	40	8	WHT	
5	NEUT STD	20	A1J8-2	25,34	22	WHT	NEUT
4	F2-A	40	A2Q6-E2	40	8	ORN	-250V
3	TB1-GND	21	NEUT STUD	21	10	WHT	NEUT
2	F1-A*	40	A2Q5-C1	40	8	RED	+250V
1	F3-A	23	A1J8-1	25,34	22	RED	+250V

WIRE RUN SCHEDULE

- 26 REF
- 27 REF
- 28 REF
- SEE NOTE 2
- 5
- 15 2 REQD
- 16 3 REQD

NOTES:

1. ADHERE ITEM 32 (1/8" THICK GRAY FOAM 4.50 X 3.60) TO UNDERSIDE OF TOP COVER, LINING UP WITH PHASE CARDS.
2. INSTALL ITEMS 26, 27 & 28 AFTER PLACING CONTROL CHASSIS INTO CABINET. APPLY BLUE LOCTITE. THIS IS TO BE DONE AT THE FINAL ASSEMBLY LEVEL. REFERENCE PL106-676-101.
3. WHEN INSTALLING W7 HARNESS, ALSO PLACE 2.2uf CAPACITOR (100-155-000) ACROSS FAN TERMINALS.

CONTROLLED DOCUMENT

SEE SEPARATE PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		THIS DRAWING SHALL ONLY BE CHANGED BY USE OF CAD		BEHLMAN	
TOLERANCES: FRAC 3 PLACE DEC ±.005 2 PLACE DEC ±.01 ANGLES ± 1°		DRAWN J.MORRELL DATE 01-01-26			
DO NOT SCALE THIS DWG		CHECKED DATE		ASSY, CONTROL CHASSIS (BL20,000)	
MATERIAL:		ENGR DATE			
NEXT ASSY USED ON 106-676-9XX		QUALITY CONTROL DATE		SIZE D	CODE IDENT NO. 53636
APPLICATION		MANUFACTURING DATE		106-909-002	REV M
		SCALE 1:2		CADFILE: 909-002M.DWG	SHEET 1 OF 1

106-909-002

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