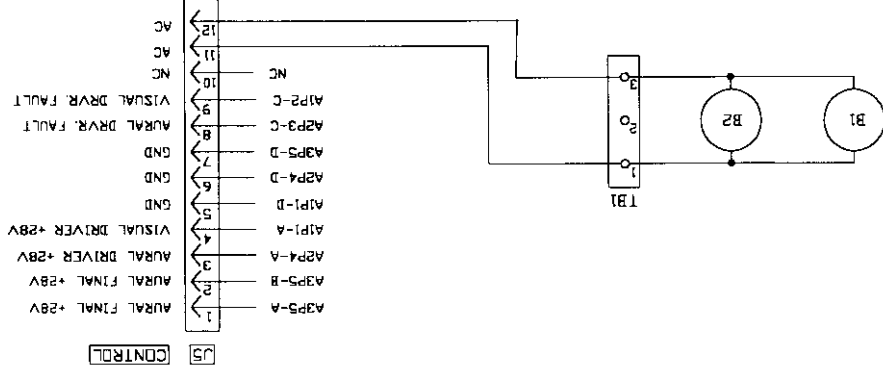
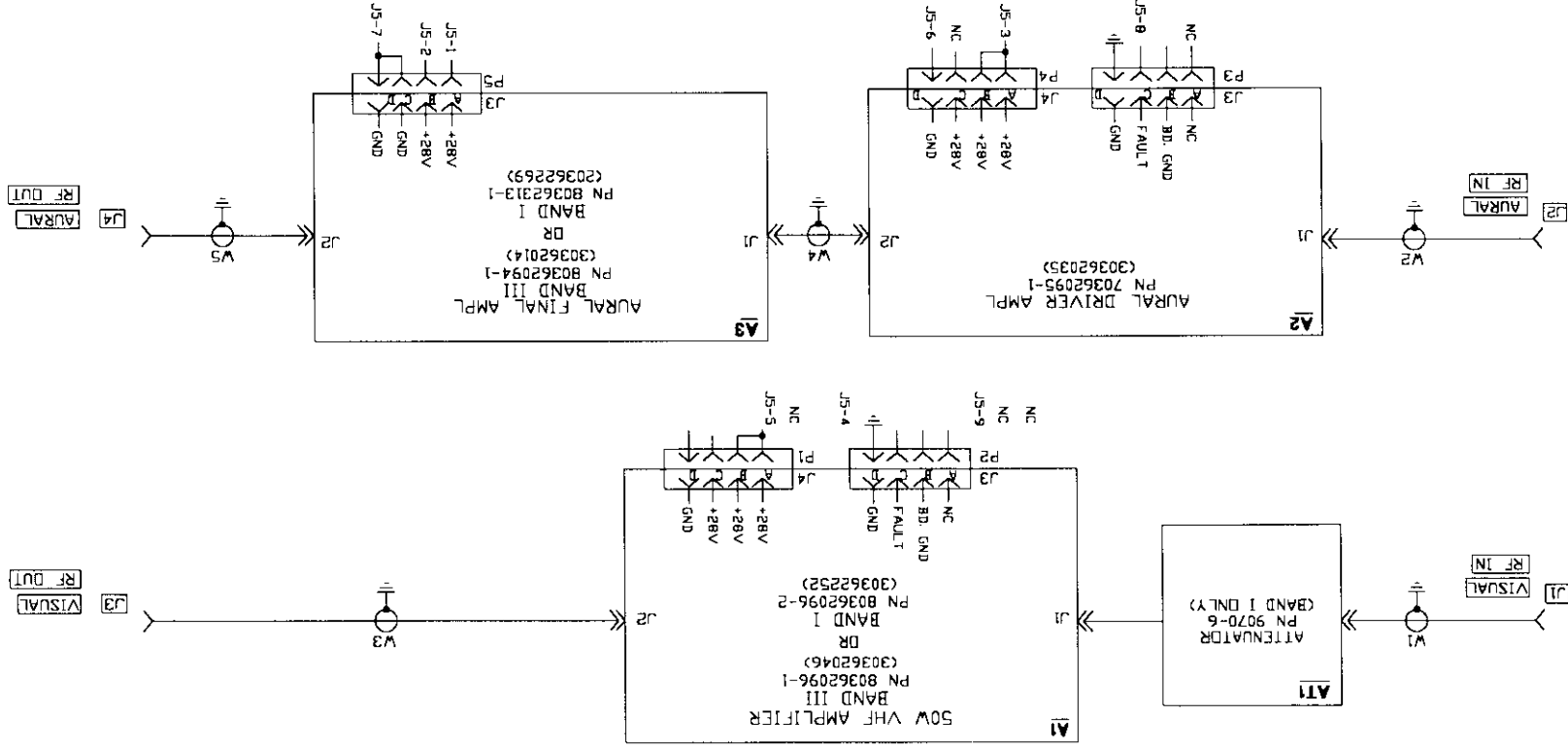


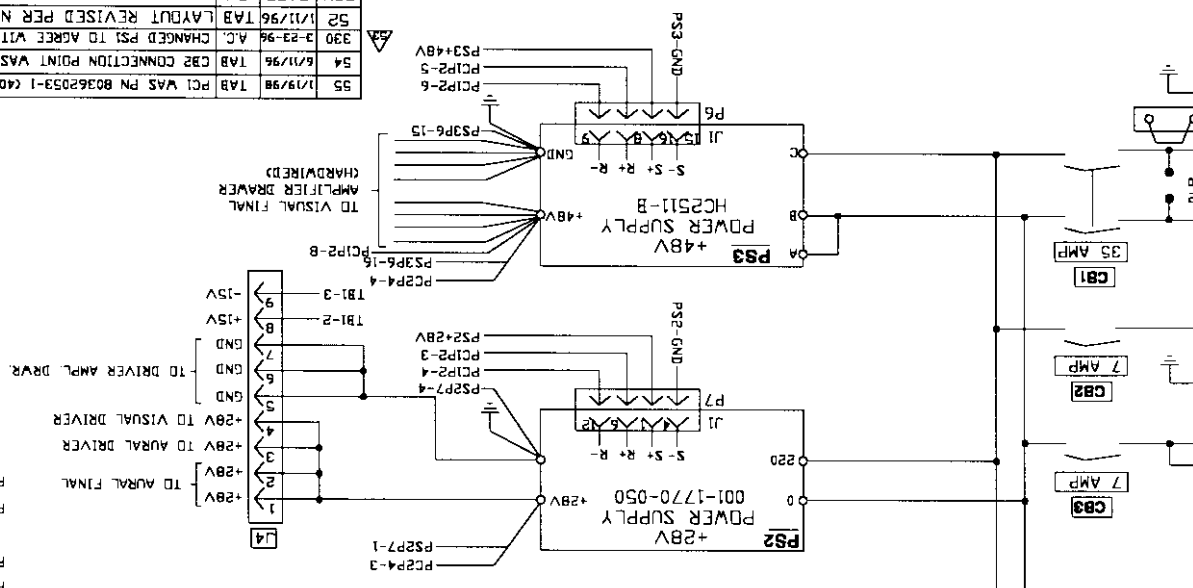
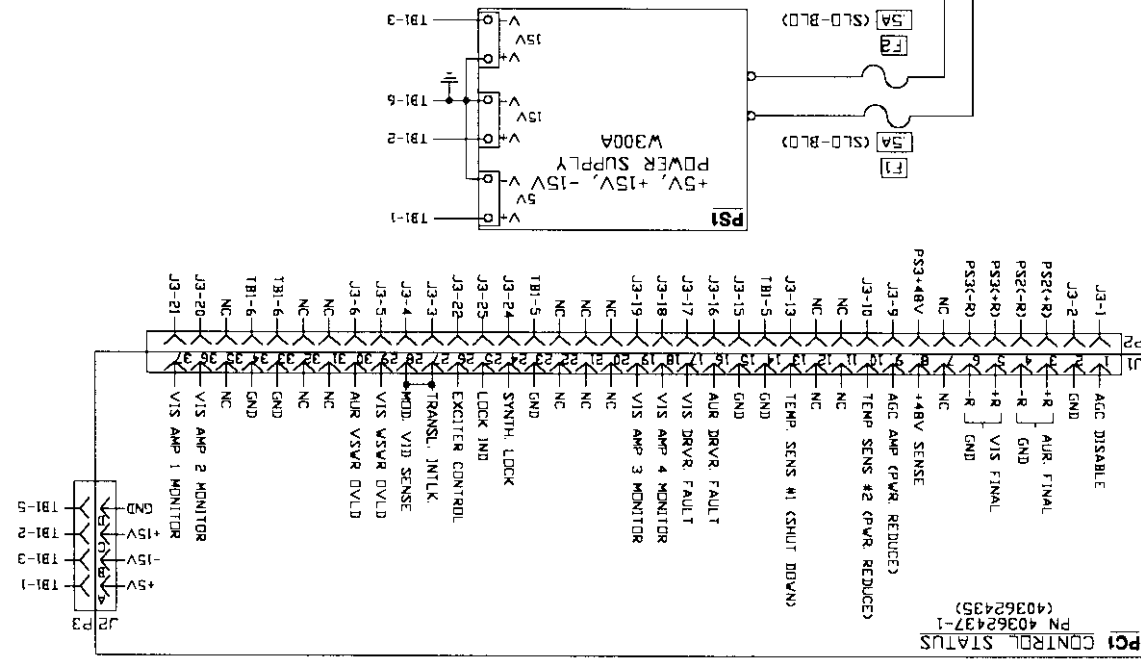
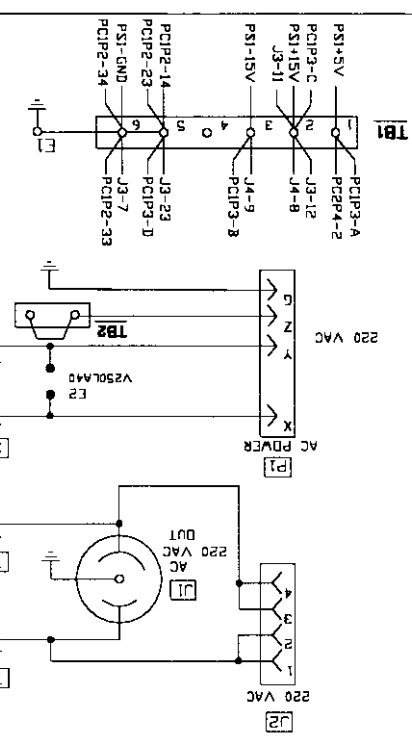
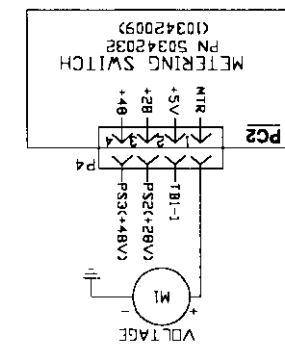
SECTION V

SCHEMATIC DIAGRAMS

[illegible]

348	4/13/98	A.C.	ADDED A11
54	8-16-95	VN	A1 & A24-C WAS CONNECTED TO A & B
ECN	DATE	BY	RELEASE AT REV 94
NEXT ASSY.			
			DRAFT 6-B-94 VN
			DR CHK 6-29-94 CTI
			M ENGR 2-11-98 RN
			E ENGR 2-11-98 RN
			RELEASE 2-11-98 RN
			EMCSE
			BROADCAST PRODUCTS INC
			WASTE WATER P/N 1044
30362006		A	REV
SHEET 1			OF 1

HIGHEST REFERENCE DESIGNATIONS	PC2 J4	TB2	CB3	PS9	E2	F2	P7	M1
REFERENCE DESIGNATIONS NOT USED								PS1

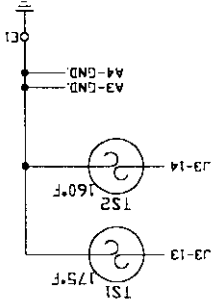
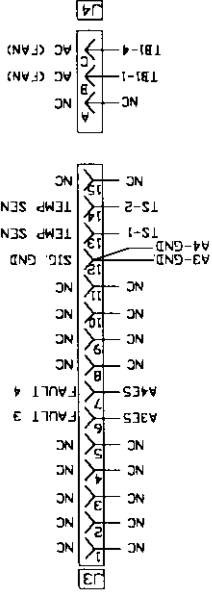
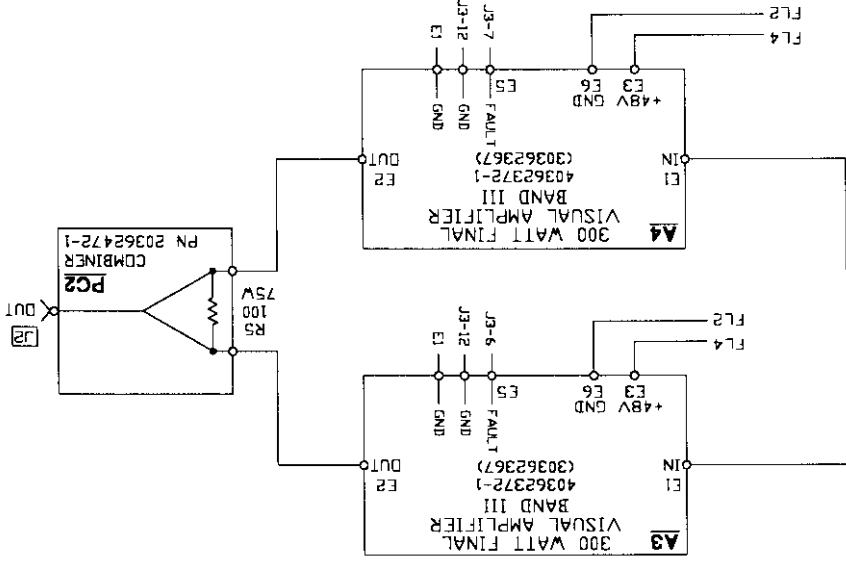
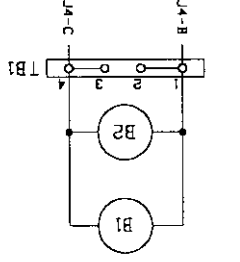


REV	30362341	55
DATE	7/26/95	TAB
BY	7/26/95	TAB
CHK	7/26/95	TAB
APPV	7/26/95	TAB
INT	7/26/95	TAB
DIAGRAM	7/26/95	TAB
POWER SUPPLY	7/26/95	TAB
CONTROL STATUS	7/26/95	TAB
DRAWER	7/26/95	TAB
30362341	7/26/95	TAB
55	7/26/95	TAB

ECN	DATE	BY	REV
52	1/11/96	TAB	52
53	2-23-96	A.C.	53
54	6/11/96	TAB	54
55	1/19/98	TAB	55

PCI	CONTROL STATUS	PN 40362437-1
PS1	POWER SUPPLY	PN 50342032
PS2	POWER SUPPLY	PN 50342032
PS3	POWER SUPPLY	PN 50342032
PS4	POWER SUPPLY	PN 50342032
PS5	POWER SUPPLY	PN 50342032
PS6	POWER SUPPLY	PN 50342032
PS7	POWER SUPPLY	PN 50342032
PS8	POWER SUPPLY	PN 50342032
PS9	POWER SUPPLY	PN 50342032
PS10	POWER SUPPLY	PN 50342032
PS11	POWER SUPPLY	PN 50342032
PS12	POWER SUPPLY	PN 50342032
PS13	POWER SUPPLY	PN 50342032
PS14	POWER SUPPLY	PN 50342032
PS15	POWER SUPPLY	PN 50342032
PS16	POWER SUPPLY	PN 50342032
PS17	POWER SUPPLY	PN 50342032
PS18	POWER SUPPLY	PN 50342032
PS19	POWER SUPPLY	PN 50342032
PS20	POWER SUPPLY	PN 50342032
PS21	POWER SUPPLY	PN 50342032
PS22	POWER SUPPLY	PN 50342032
PS23	POWER SUPPLY	PN 50342032
PS24	POWER SUPPLY	PN 50342032
PS25	POWER SUPPLY	PN 50342032
PS26	POWER SUPPLY	PN 50342032
PS27	POWER SUPPLY	PN 50342032
PS28	POWER SUPPLY	PN 50342032
PS29	POWER SUPPLY	PN 50342032
PS30	POWER SUPPLY	PN 50342032
PS31	POWER SUPPLY	PN 50342032
PS32	POWER SUPPLY	PN 50342032
PS33	POWER SUPPLY	PN 50342032
PS34	POWER SUPPLY	PN 50342032
PS35	POWER SUPPLY	PN 50342032
PS36	POWER SUPPLY	PN 50342032
PS37	POWER SUPPLY	PN 50342032
PS38	POWER SUPPLY	PN 50342032
PS39	POWER SUPPLY	PN 50342032
PS40	POWER SUPPLY	PN 50342032
PS41	POWER SUPPLY	PN 50342032
PS42	POWER SUPPLY	PN 50342032
PS43	POWER SUPPLY	PN 50342032
PS44	POWER SUPPLY	PN 50342032
PS45	POWER SUPPLY	PN 50342032
PS46	POWER SUPPLY	PN 50342032
PS47	POWER SUPPLY	PN 50342032
PS48	POWER SUPPLY	PN 50342032
PS49	POWER SUPPLY	PN 50342032
PS50	POWER SUPPLY	PN 50342032
PS51	POWER SUPPLY	PN 50342032
PS52	POWER SUPPLY	PN 50342032
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PS59	POWER SUPPLY	PN 50342032
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PS61	POWER SUPPLY	PN 50342032
PS62	POWER SUPPLY	PN 50342032
PS63	POWER SUPPLY	PN 50342032
PS64	POWER SUPPLY	PN 50342032
PS65	POWER SUPPLY	PN 50342032
PS66	POWER SUPPLY	PN 50342032
PS67	POWER SUPPLY	PN 50342032
PS68	POWER SUPPLY	PN 50342032
PS69	POWER SUPPLY	PN 50342032
PS70	POWER SUPPLY	PN 50342032
PS71	POWER SUPPLY	PN 50342032
PS72	POWER SUPPLY	PN 50342032
PS73	POWER SUPPLY	PN 50342032
PS74	POWER SUPPLY	PN 50342032
PS75	POWER SUPPLY	PN 50342032
PS76	POWER SUPPLY	PN 50342032
PS77	POWER SUPPLY	PN 50342032
PS78	POWER SUPPLY	PN 50342032
PS79	POWER SUPPLY	PN 50342032
PS80	POWER SUPPLY	PN 50342032
PS81	POWER SUPPLY	PN 50342032
PS82	POWER SUPPLY	PN 50342032
PS83	POWER SUPPLY	PN 50342032
PS84	POWER SUPPLY	PN 50342032
PS85	POWER SUPPLY	PN 50342032
PS86	POWER SUPPLY	PN 50342032
PS87	POWER SUPPLY	PN 50342032
PS88	POWER SUPPLY	PN 50342032
PS89	POWER SUPPLY	PN 50342032
PS90	POWER SUPPLY	PN 50342032
PS91	POWER SUPPLY	PN 50342032
PS92	POWER SUPPLY	PN 50342032
PS93	POWER SUPPLY	PN 50342032
PS94	POWER SUPPLY	PN 50342032
PS95	POWER SUPPLY	PN 50342032
PS96	POWER SUPPLY	PN 50342032
PS97	POWER SUPPLY	PN 50342032
PS98	POWER SUPPLY	PN 50342032
PS99	POWER SUPPLY	PN 50342032
PS100	POWER SUPPLY	PN 50342032

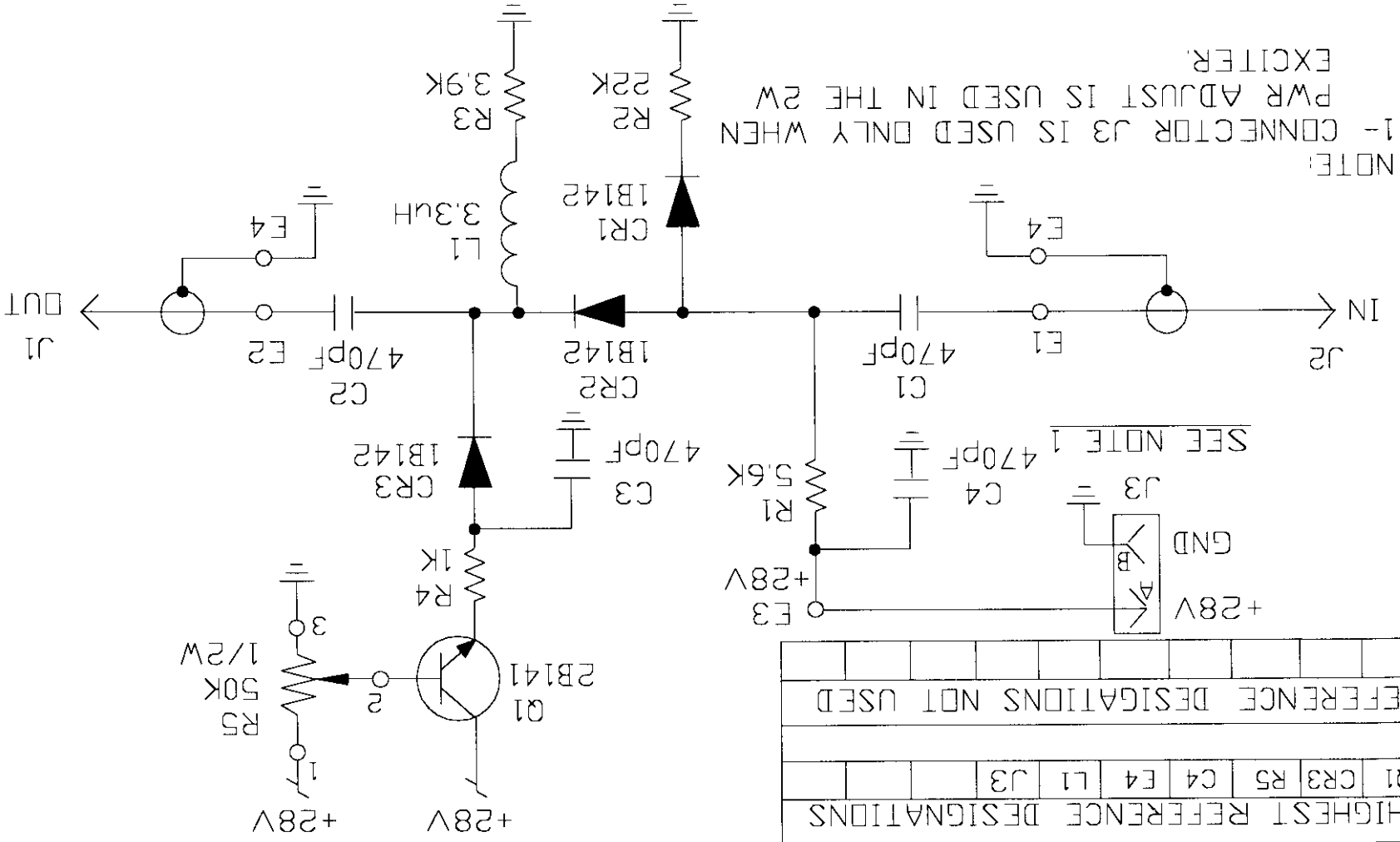
NC — FL1
GND — FL2
NC — FL3
+48V — FL4



52	8/8/99	A.C.	RS & RS WAS 100W
ECN	DATE	BY	
NEXT ASSY:			
INTERCONNECTION			
DIAGRAM			
500V VISUAL FINAL			
AMPLIFIER DRAWER			
BAND III			
REV	30362473	52	
SHEET 1 OF 1			

MODULE SCHEMATICS
ARE LISTED IN
ALPHANUMERICAL SEQUENCE

HIGHEST REFERENCE DESIGNATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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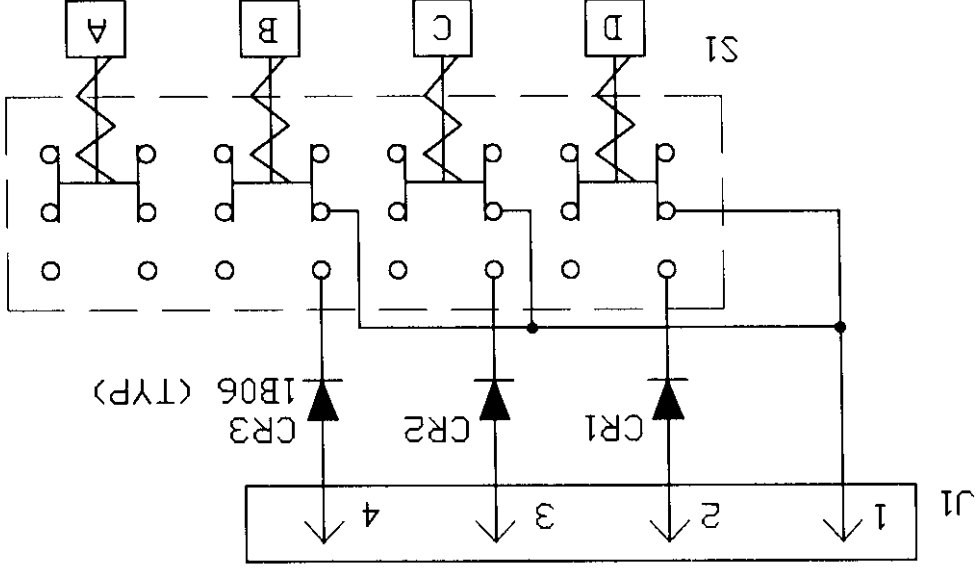


A	7/1/91	TAB	ADDED J3 & NOTE-1.	C.T.T.	
ECN	DATE	BY	COMP	RELEASED AT	REV 53
NEXT ASSY: 50331257			DRAFT	4-1-88	C.T.T.
VERSION			DR. CHK		
MODEL			E. ENGR		
SCALE			RELEASE	5-27-89	R.N.
TOLERANCES - EXCEPT AS NOTED					
DECIMAL XX $\pm$.010 XXX $\pm$.005 FRACTIONAL $\pm$ 1/64" ANGULAR $\pm$ 1/2 DEG					

SCHEMATIC DIAGRAM, POWER ADJUST		SHEET 1 OF 1	
REV	A	10331255	

EMCEE
ELECTRONICS
MISSILES & COMMUNICATIONS
INC.
WHITE HAVEN, PA. 18661

(P3) METER (+) +12V
(P2) METER (+) +12V
(P3) METER (+) +12V



151	5-26-93	C.T.T.	ADDED DIODES CR1, 2, AND 3	C.T.T.	RGN
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ECN	DATE	BY	CHK	CHK	APPV/L
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NEXT ASSY:					
DRAFT	11-14-86	C.T.T.	DR. CHK	12-4-86	W.J.H.
VERSION					
MODEL					
SCALE					
TOLERANCES - EXCEPT AS NOTED					
DECIMAL XX ± .010 XXX ± .005					
FRACTIONAL ± 1/64					
ANGULAR ± 1/2 DEG					

ELECTRONICS MISSILES & COMMUNICATIONS INC. WHITE HAVEN, PA. 18661					
EMCEE					
RELEASE 1-17-87 RGN					

REV	10342009	B
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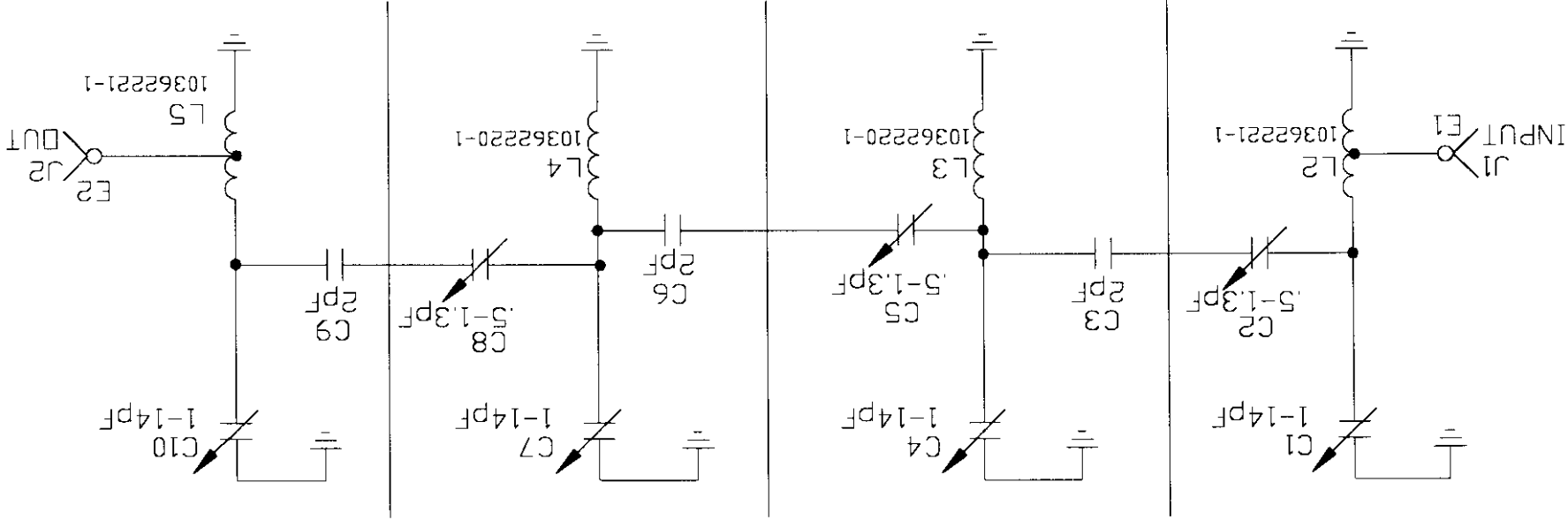
SCHEMATIC DIAGRAM, METERING SWITCH (TSA100)					
C.T.T.					

SHEET 1

DF 1

[illegible]

NOTE:
1-CONNECTORS J1 & J2 ARE
NOT LOCATED ON PC BOARD.

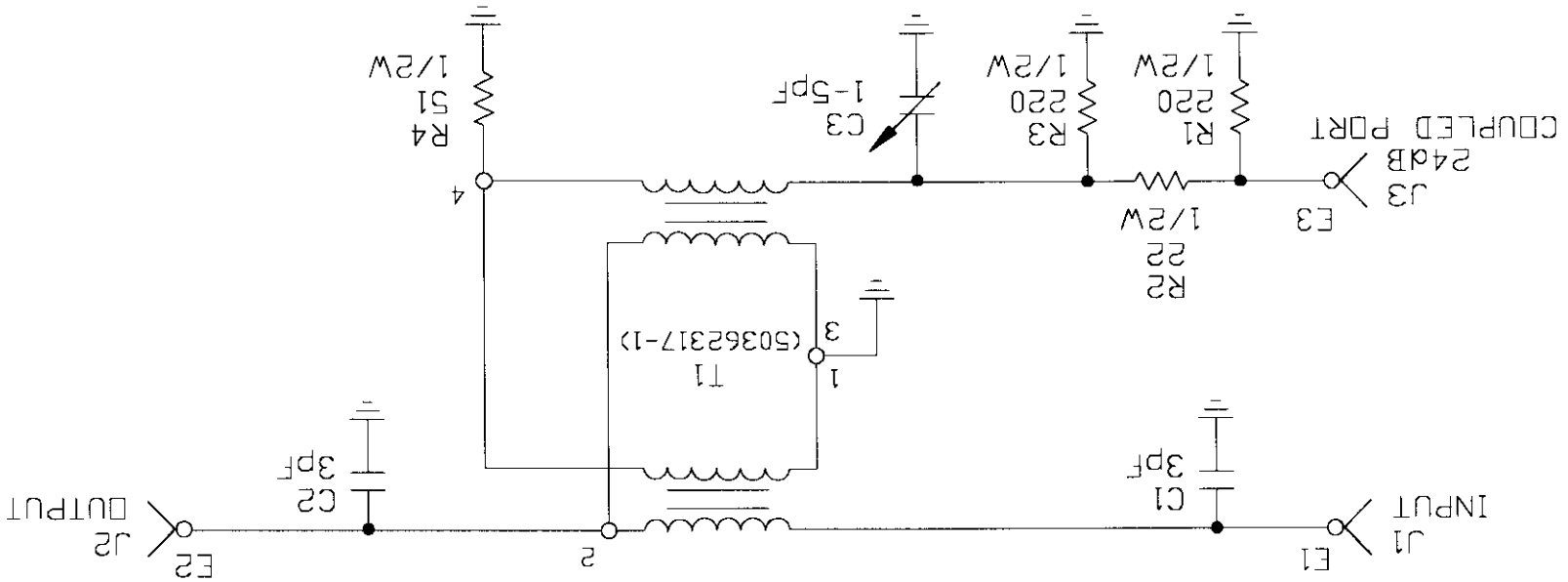


RELEASED AT REV 53

ECN	DATE	BY	APPR'L	
NEXT ASSY: SEE DASH NO. ON DWG. DRAFT 7-27-94 VN				
VERSION		M. ENGR		
MODEL		E. ENGR	8-18-94	JL
SCALE		RELEASE	6-14-95	RGN
TOLERANCES - EXCEPT AS NOTED DECIMAL .XX ± .010 FRACTIONAL ± 1/64"				
 ELECTRONICS MISSILES & COMMUNICATIONS INC. WHITE HAVEN, PA. 18661				
SHEET 1		OF 1	REV 53	
SCHEMATIC DIAGRAM, BANDPASS FILTER BAND III				

HIGHEST REFERENCE DESIGNATIONS									
T1	C3	J3	R4	E3					
REFERENCE DESIGNATIONS NOT USED									

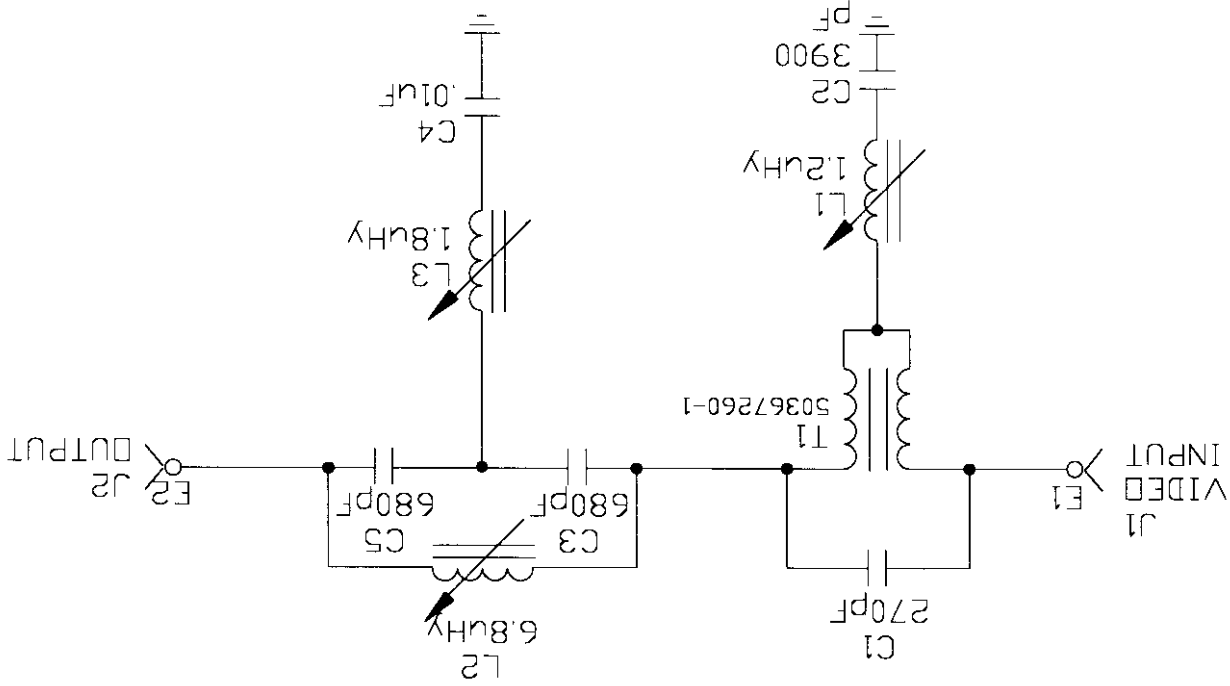
NOTE:
J1, J2, J3 ARE NOT MOUNTED
ON PC BOARD.



ECN	DATE	BY	RELEASE AT REV S1		CHK	CHK	APPRVL
NEXT ASSY: SEE DASH NO. ON DWG.			DRAFT	6-19-95	VN		
VERSION EG & G			M. ENGR				
MODEL			E. ENGR				
SCALE			RELEASE	7-7-95	RGN		
TOLERANCES - EXCEPT AS NOTED			DECIMAL XX ± .010 FRACTIONAL ± 1/64" ANGULAR ± 1/2 DEG				

EMCEE BROADCAST PRODUCTS INC.			WHITE HAVEN, PA. 18661		
SCHEMATIC DIAGRAM, 24dB DIRECTIONAL COUPLER (30 TO 300MHZ)					
REV	10362314	S1	SHEET 1 OF 1		

HIGHEST REFERENCE DESIGNATIONS									
C5	E2	J2	L3	T1					
REFERENCE DESIGNATIONS NOT USED									



ECN	DATE	BY	RELEASED AT REV S1			CHK	CHK	APPR/L
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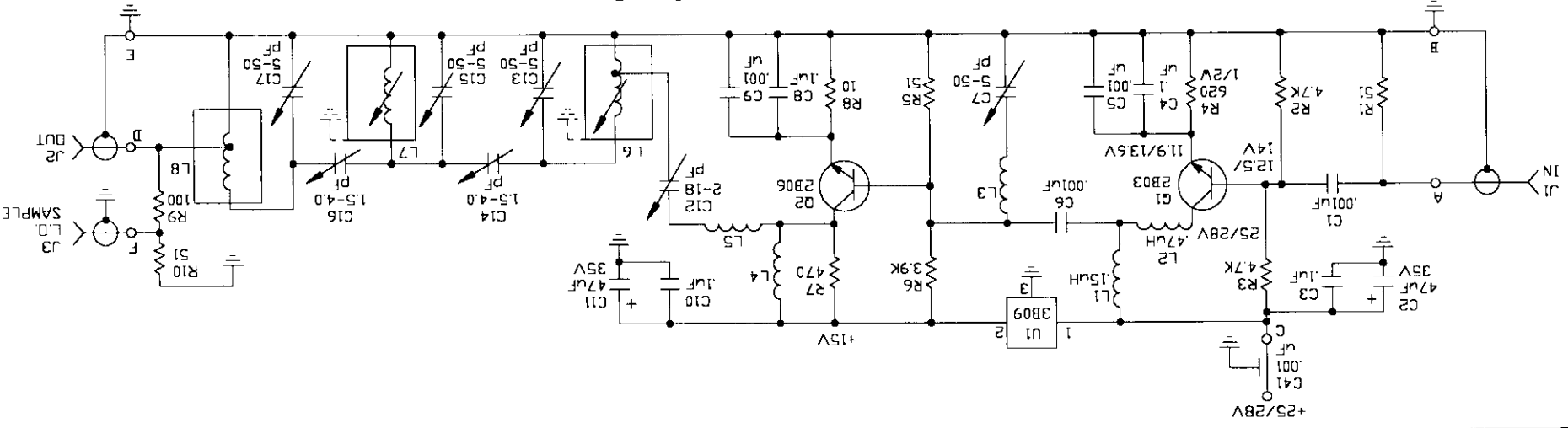
NEXT ASSY:			DRAFT	12-10-93	TAB
VERSION			M. ENGR		
MODEL			E. ENGR	6-14-95	RGN
SCALE			RELEASE	6-14-95	RGN

TOLERANCES - EXCEPT AS NOTED
 DECIMAL .XX ± .010
 FRACTIONAL ± 1/64"
 ANGULAR ± 1/2 DEG

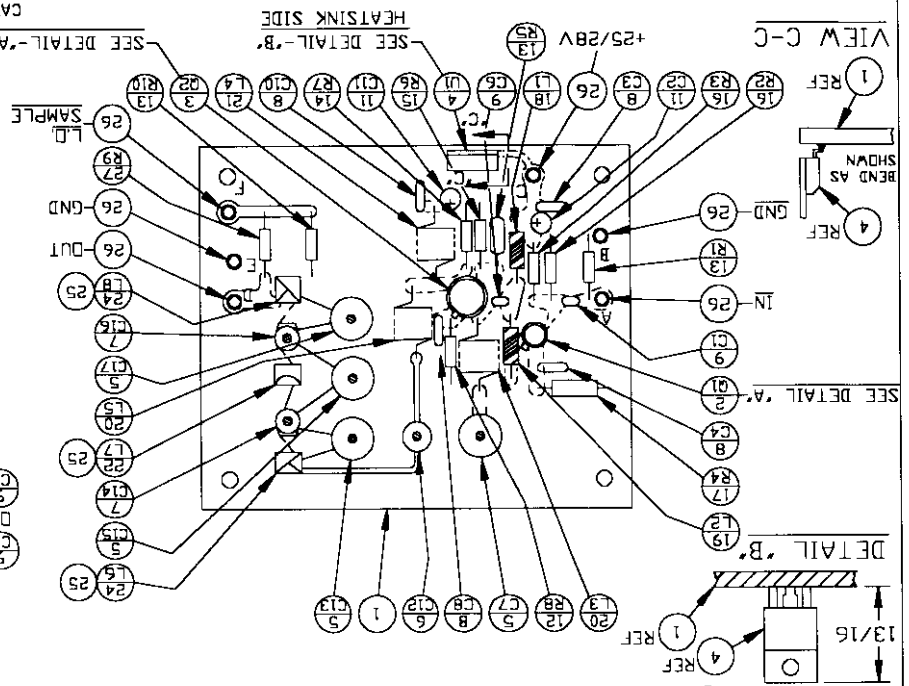
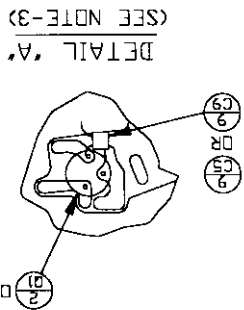
EMCEE

ELECTRONICS
 MISSILES &
 COMMUNICATIONS
 INC.
 WHITE HAVEN, PA. 18661

SCHEMATIC DIAGRAM, GROUP DELAY CIRCUIT			10367257		REV
SHEET 1 OF 1			1		S1



NOTES: UNLESS OTHERWISE SPECIFIED
 1-ALL RESISTORS ARE 1/4W, 5%
 2-CONNECTORS J1, J2, J3, AND CAPACITORS C41
 ARE MOUNTED ON MODULE CAN.
 3-CAPACITORS C5 & C9 ARE MOUNTED ON BOTTOM
 OF PC BOARD (SEE DETAIL 'A') FROM
 EMITTER LEAD OF TRANSISTOR Q1 & Q2 TO GND.



E		12-29-89	DB	ADDED TRANSISTOR VOLTAGE 13.6V		CIT.	R.G.N				
A1		4-25-89	SMP	ADDED SECTION C-C		CIT.	CIT.				
6025		4-18-83	W.J.H.	REFER TO ECN		B.G.	W.J.H. M.G.				
5423		8-8-80	J.L.	ITEM 7 WAS EF JOHNSON, 1-3PF CAP P.N. 278-0103-005		W.J.H. R.K.	W.J.H.				
ECN		DATE	BY								
NEXT ASSY: P/L B280-76											
DRAFT											
8-2-77 J.C											
W.J.H.											
3-2-78											
G.K.											
M. ENGR											
3-2-78											
G.B.											
RELEASE											
3-20-80											
ELECTRONICS											
MISSILES &											
COMMUNICATIONS											
INC.											
WHITE HAVEN, PA. 18661											
SHEET 1											
DF 1											
PL B280-35		REV E						SCHEMATIC DIAGRAM, & ASSEMBLY, PC BOARD, MULTIPLIER, X2			
REV		E									

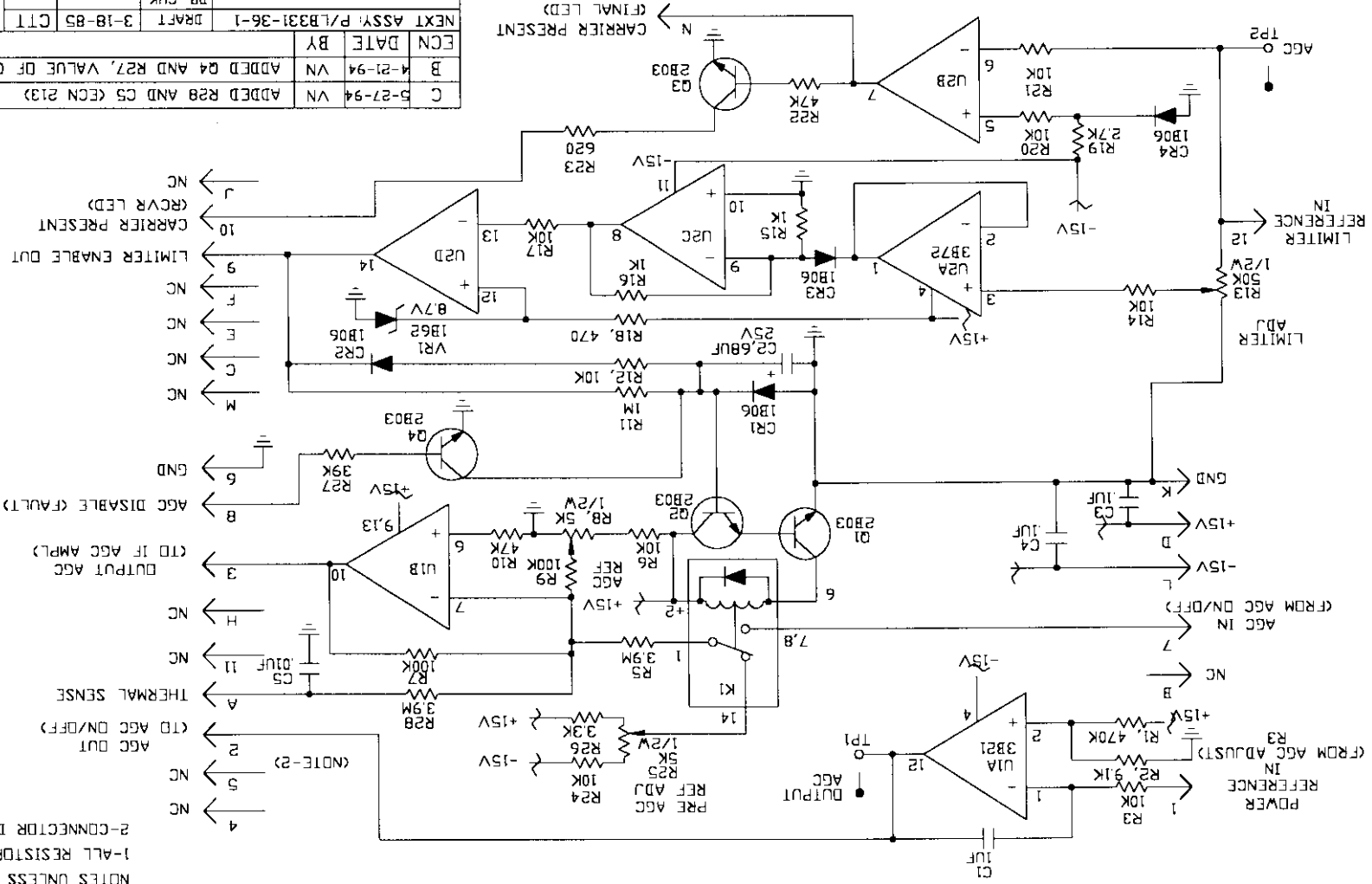
SCHEMATIC DIAGRAM,
 PC BOARD,
 MULTIPLIER, X2

EMCEE
 MISSILES &
 COMMUNICATIONS
 INC.
 WHITE HAVEN, PA. 18661

ANGULAR : 1/2 DEG
 FRACTIONAL : 1/64"
 DECIMAL : .010
 TOLERANCES - EXCEPT AS NOTED
 XX : .010
 XXX : .005

CAD DWG 2-9-95

NOTES UNLESS OTHERWISE SPECIFIED
1-ALL RESISTORS VALUED AT 1/4W, 5%
2-CONNECTOR DESIGNATIONS ARE P.C. FINGERS



C	5-27-94	VN	ADDED R28 AND C5 (ECN 213)	CIT	JL	RGN
B	4-21-94	VN	ADDED Q4 AND R27, VALUE OF C2 WAS 10 UF	CIT	JMJ	JMJ
ECN	DATE	BY		CHK	CHK	APPL

SCALE	NONE	RELEASE	4-25-86	JMJ
MODEL		E. ENGR	4-25-86	JMJ
VERSION		M. ENGR		
DR. CHK				
DRAFT	3-18-85	CIT		
NEXT ASSY	P/LB331-36-1			

SCHEMATIC DIAGRAM,
LIMITER/OUTPUT
AGC CONTROL

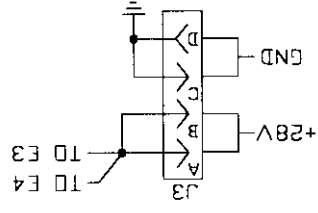
B 331-34
REV C

EMCEE
ELECTRONICS &
MISSILES &
COMMUNICATIONS
INC.
WHITE HAVEN, PA 18661

CAD DWG 4-21-94
ANGULAR 1/2 DEG
FRACTIONAL 1/64"
DECIMAL .001
TOLERANCES - EXCEPT AS NOTED

HIGHEST REFERENCE DESIGNATIONS
U2 Q4 R28 C5 CR4 VR1 K1 TP2

REFERENCE DESIGNATIONS NOT USED
R4



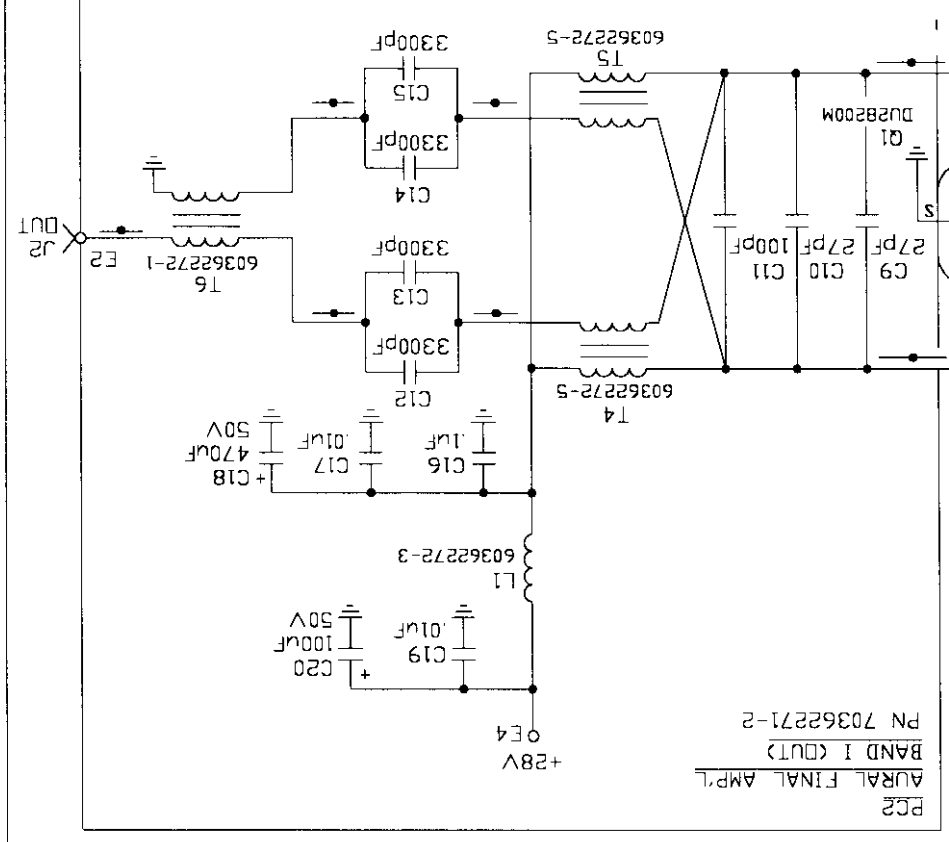
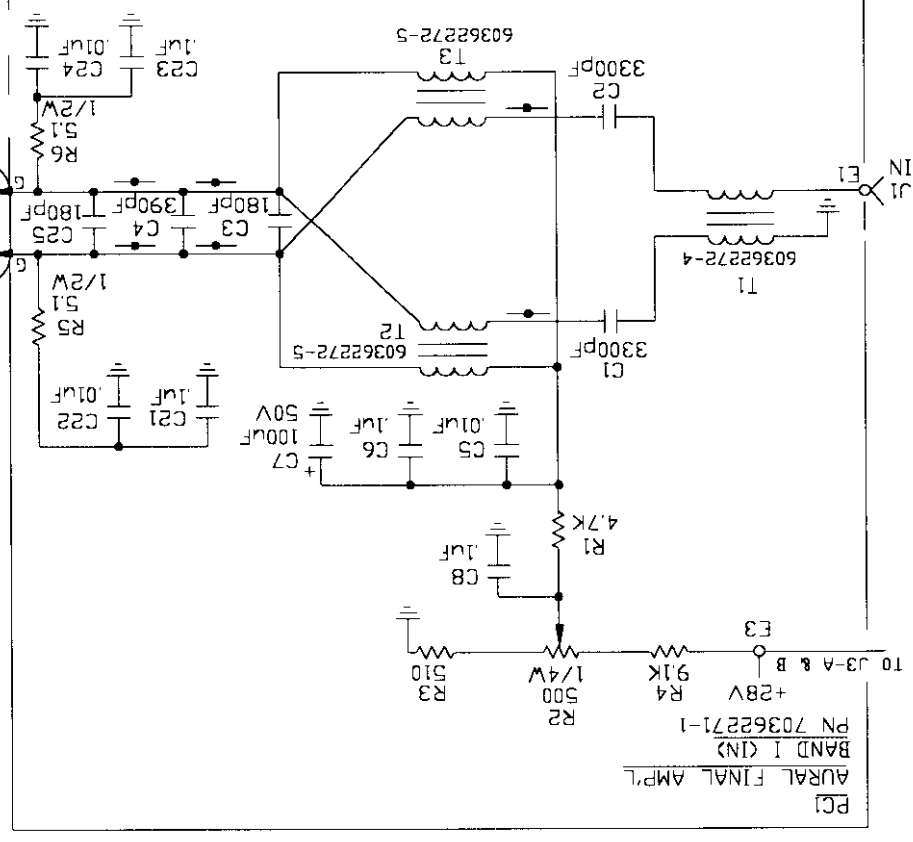
HIGHEST REFERENCE DESIGNATIONS									
C25	Q1	J3	E4	PC2	T5	L1	R6		
REFERENCE DESIGNATIONS NOT USED									
T1	T6								

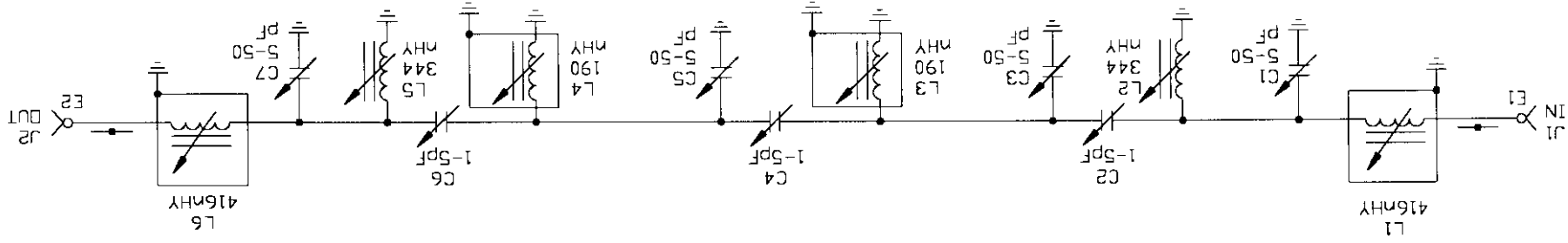
NOTES:
1- COMPONENTS J1, 2, 3, & Q1, T1, T6, AND C25 ARE NOT LOCATED ON PCB ASSEMBLIES.

EMCEE									
EMCEE	EMCEE	EMCEE	EMCEE	EMCEE	EMCEE	EMCEE	EMCEE	EMCEE	EMCEE
PRODUCTS	PRODUCTS	PRODUCTS	PRODUCTS	PRODUCTS	PRODUCTS	PRODUCTS	PRODUCTS	PRODUCTS	PRODUCTS
INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.
WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661	WHITE HAVEN, PA 18661

SHEET 1 OF 1									
203622269	203622269	203622269	203622269	203622269	203622269	203622269	203622269	203622269	203622269
REV	REV	REV	REV	REV	REV	REV	REV	REV	REV
S4	S4	S4	S4	S4	S4	S4	S4	S4	S4

ECN	DATE	BY	CHG	CHK	APPR.
393	4/24/97	CMG	PC1-R4 WAS 24K, R2 WAS 5K, & R3 WAS 1K	C.T.T.	RGN
165	12/4/95	AC	C3 WAS 270PF, C4 WAS 510PF, C11 WAS 39PF AND ADDED C25	C.T.T.	RGN
52	6-1-95	AC	CHANGED C9 & 10 FROM 510PF TO 330PF, C11 FROM 510PF TO 39PF, CHANGED T1 FROM 60362272-1 TO 60362272-4, T2 - T5 FROM 60362272-2 TO 60362272-5 AND REMOVED T1 & T6	C.T.T.	RGN



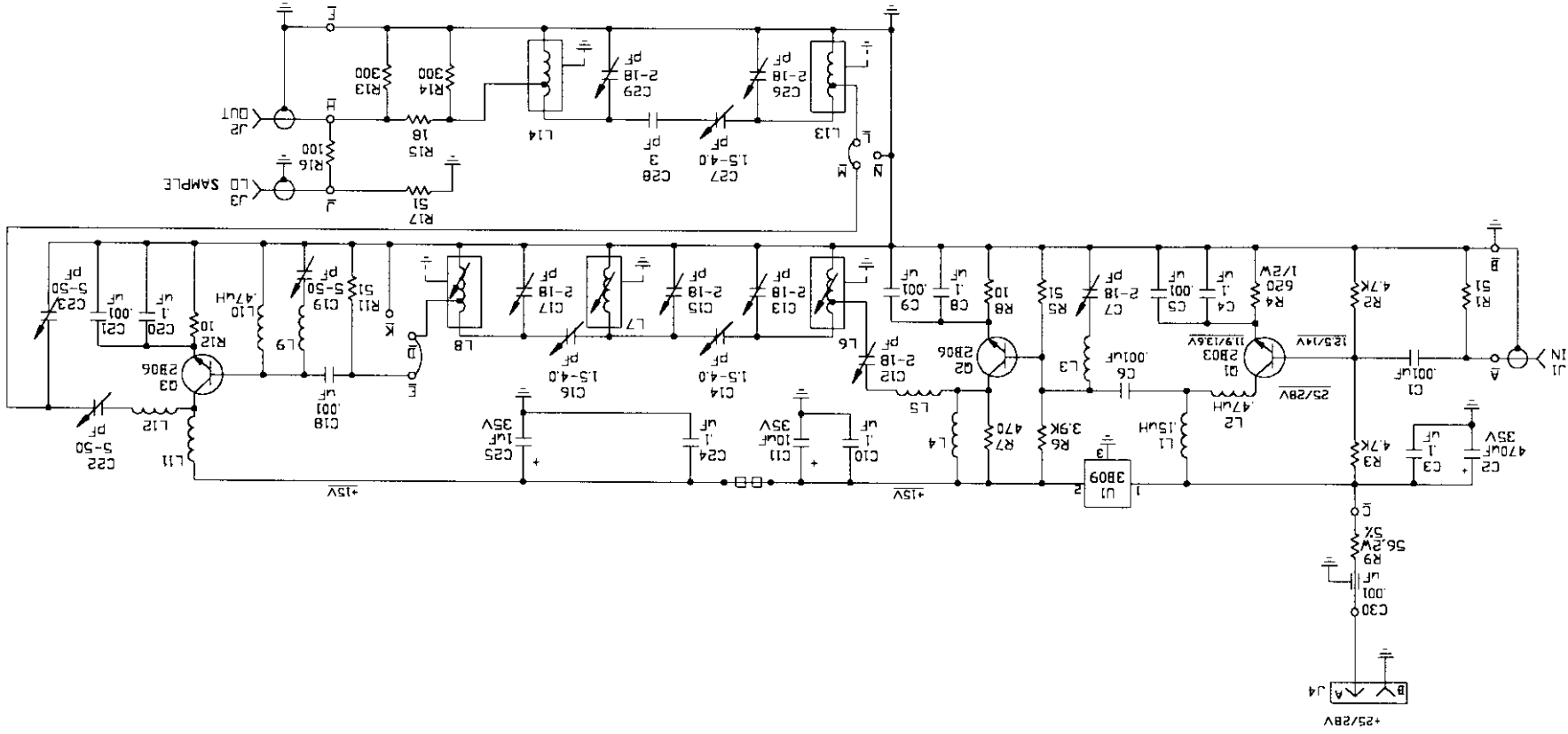
[illegible]

ECN	DATE	BY	CHK	CHK	APPV.
NEXT ASSY:					
DRAFT		8/13/97	TAB		
DR. CHK		8/22/97	CTT		
M. ENGR					
E. ENGR					
RELEASE					
SCHEMATIC DIAGRAM, BANDPASS FILTER, VHF CH 2-6					
REV	SI	20362428			
CMCEE BROADCAST INC.			SHEET 1 OF 1		

HIGHEST REFERENCE DESIGNATIONS	C30	U1	U4	U3	U1
REFERENCE DESIGNATIONS NOT USED	R30				

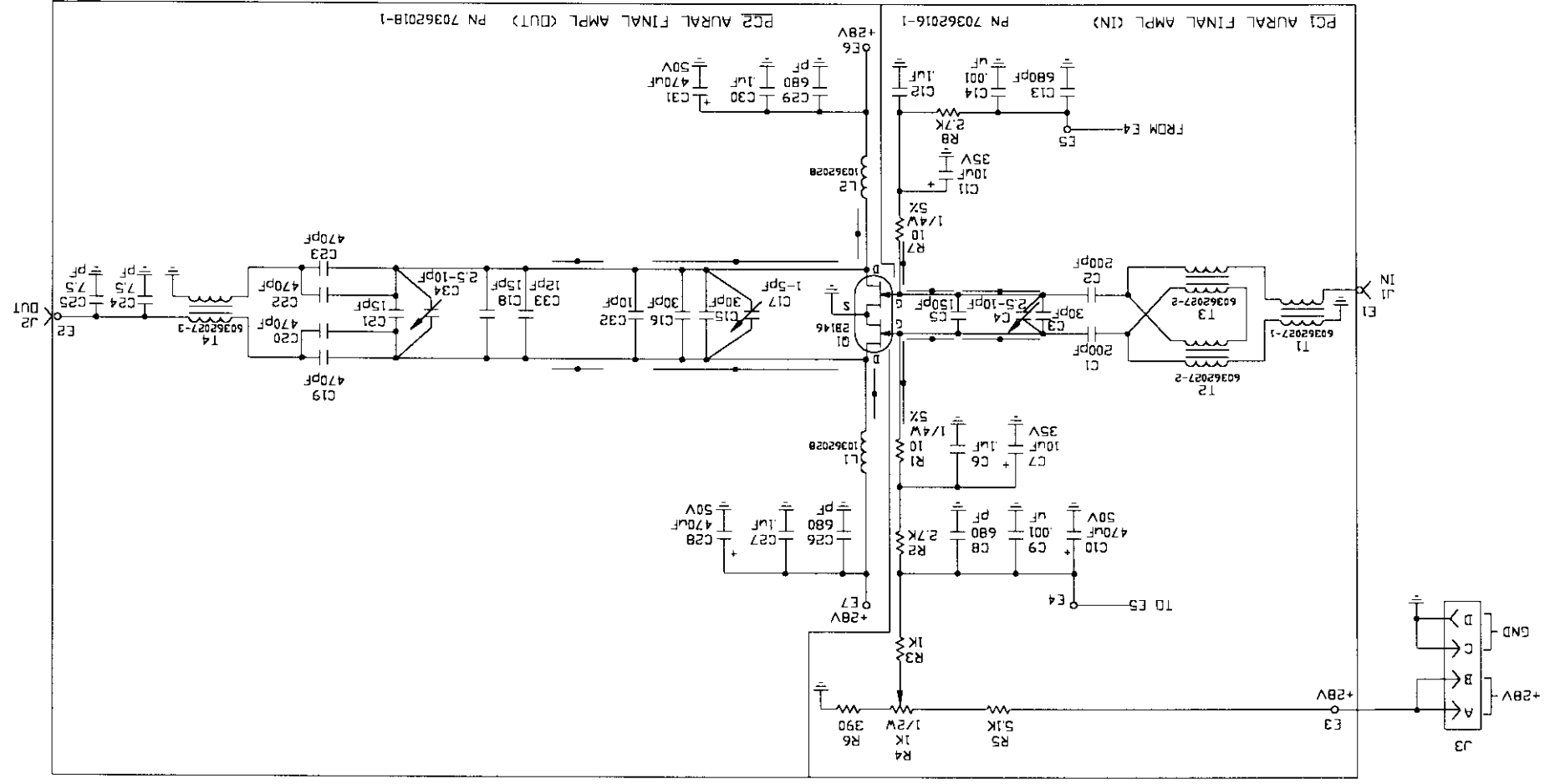
ECN	DATE	BY	ADDED RESISTOR R9	CHK	CHK	APPV
67967-5-89	CAB			C.T.	RGH	
C	1-2-90	TAB	CHANGED TRANSISTOR VOLTAGES, ADDED J3, J4, R9 TO NOTE 3	C.T.	RGH	
D	3-16-94	VN	C11 WAS 47UF	C.T.	RGH	
NEXT ASSY: SEE DASH No. DBAFT 8-30-84 VJH						
PL C331-16-1-PL B331-19-1 DR. CHK 8-31-84 C.T.						
VERSION						
SCALE N/A						
TOLERANCES - EXCEPT AS NOTED						
FRACTIONAL 1/16"						
ANGULAR 1/2 DEG						
ELECTRONICS & COMMUNICATIONS						
INC.						
RELEASE 4-25-86 JMU						
E. ENGR 4-25-86 JMU						
M. ENGR						
MODEL						
C 331-24						
SHEET 1						
OF 1						

NOTES: UNLESS OTHERWISE SPECIFIED
 1-THE SYMBOL $\ominus$ DENOTES A FERRITE BEAD.
 2-ALL RESISTORS ARE 1/4W, 5%
 3-COMPONENTS U1, J2, J3, J4, R9 AND C30 ARE
 MOUNTED ON THE MODULE CAN.



HIGHEST REFERENCE DESIGNATIONS	C34	T4	L2	Q1	J3	E7	R8	PC28FL
REFERENCE DESIGNATIONS NOT USED								

NOTES: UNLESS OTHERWISE SPECIFIED
 1- COMPONENTS J1, 2, 3, F1, AND Q1
 ARE NOT PART OF PC BOARDS?
 ASSEMBLIES.



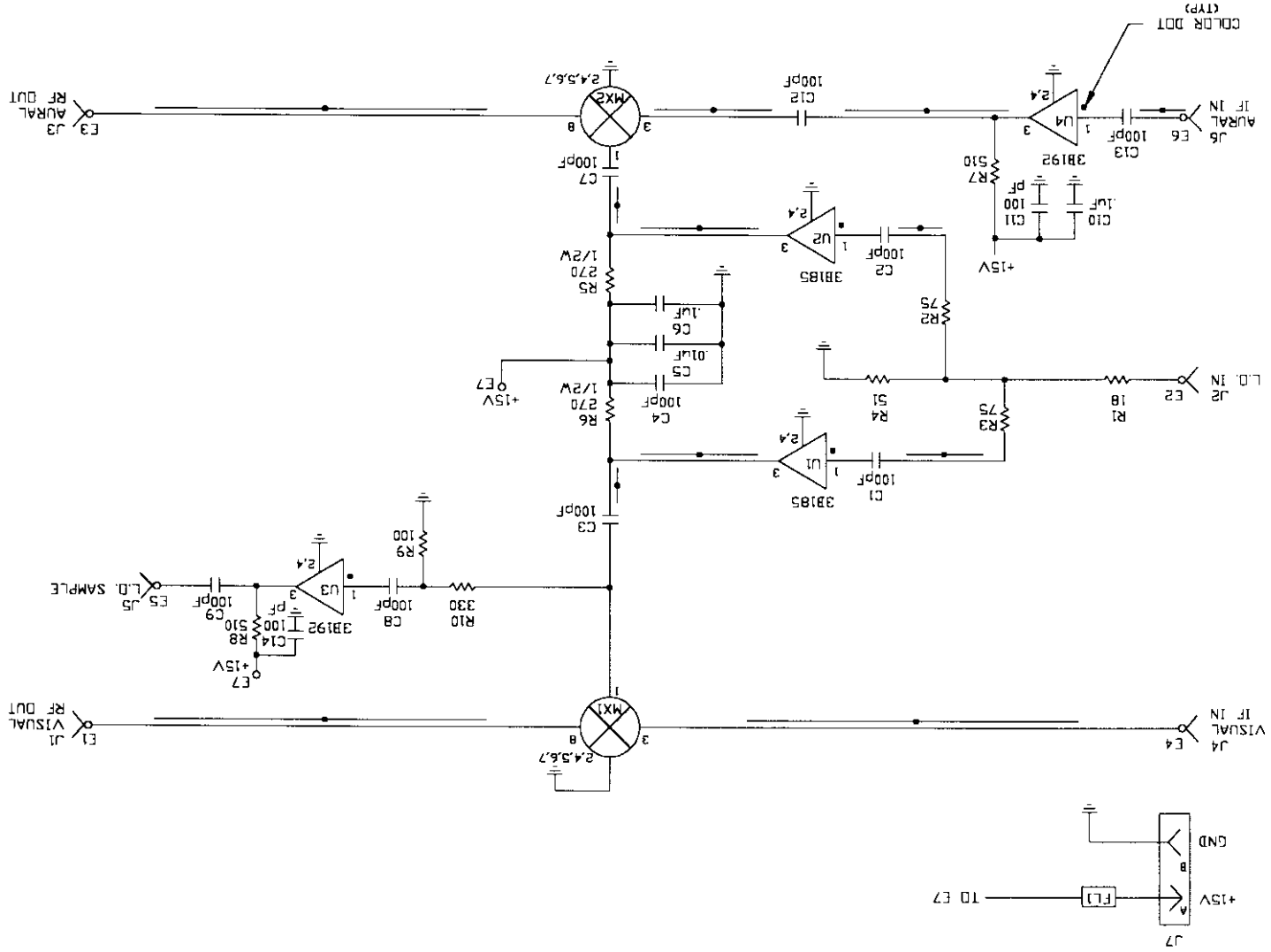
ECN	DATE	BY	NEXT ASSY	DRAFT	3/19/93	TAB
CHK	CHK	CHK	APPV			

SCHEMATIC DIAGRAM	AURAL FINAL	AMPLIFIER	BAND III
REV	56	30362014	SHEET 1 OF 1

EMCEE	EMCEE PRODUCTS INC.	WHITE MARSH, PA 19381
VERSION	MODEL	SCALE
DR. CHK	M. ENGR	E. ENGR
RELEAS		
EMCEE	EMCEE	EMCEE

ANGULAR	2 1/2 DEG
FRACTIONAL	1/16"
DECIMAL	1000 1 200
TOLERANCES - UNLESS AS NOTED	

HIGHEST REFERENCE DESIGNATIONS	C14	E7	R10	MX2	U4
REFERENCE DESIGNATIONS NOT USED					

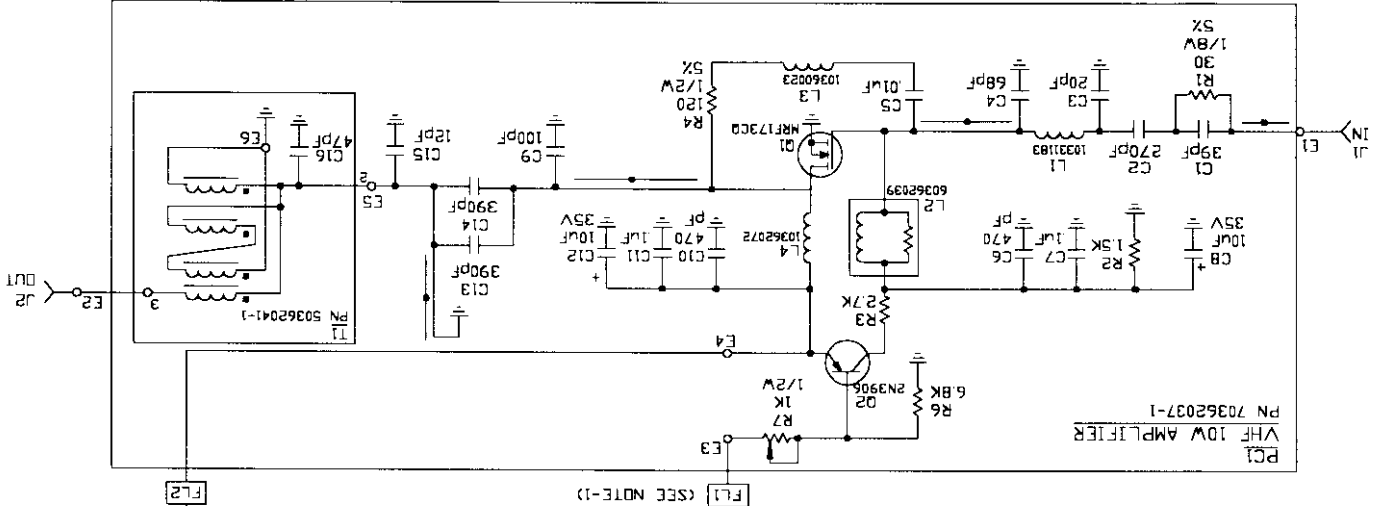
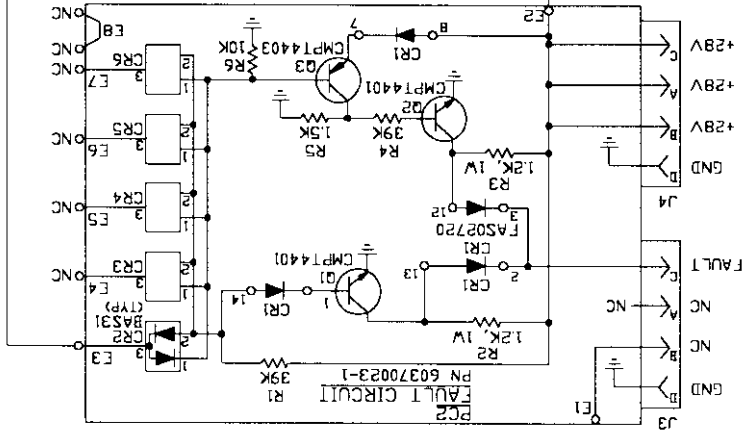


ECN	DATE	BY	NEXT ASSY:	DRAFT	3-17-93	TAB
CHK	CHK	APPV				
SCHEMATIC DIAGRAM, L.O. AMPLIFIER SPLITTER AND MIXER						
REV	30362024	1	DF			
EMCEE						
TELECOMMUNICATIONS						
MODEL						
SCALE						
VERSION						
DR. CHK	6-3-93	CTT				
RELEASE						
E. ENGR						
M. ENGR						
INC.						
COMMUNICATIONS						
MISSILES & ELECTRONICS						
NOTE: (MAYBE, PM, 2000)						

EM109

ANGULAR	2.5, 5.7
FRACTIONAL	2.5, 5.7
DECIMAL	2.5, 5.7
SCALE	2.5, 5.7
VERSION	2.5, 5.7
DR. CHK	6-3-93
DRAFT	3-17-93
RELEASE	
E. ENGR	
M. ENGR	
INC.	
COMMUNICATIONS	
MISSILES & ELECTRONICS	
NOTE: (MAYBE, PM, 2000)	

HIGHEST REFERENCE DESIGNATIONS	C19	R2	J2	R7	L4	T1	C6	FL2
REFERENCE DESIGNATIONS NOT USED								
HIGHEST REFERENCE DESIGNATIONS	CR6	CR3	J4	R6	E8			
REFERENCE DESIGNATIONS NOT USED								
PC:								

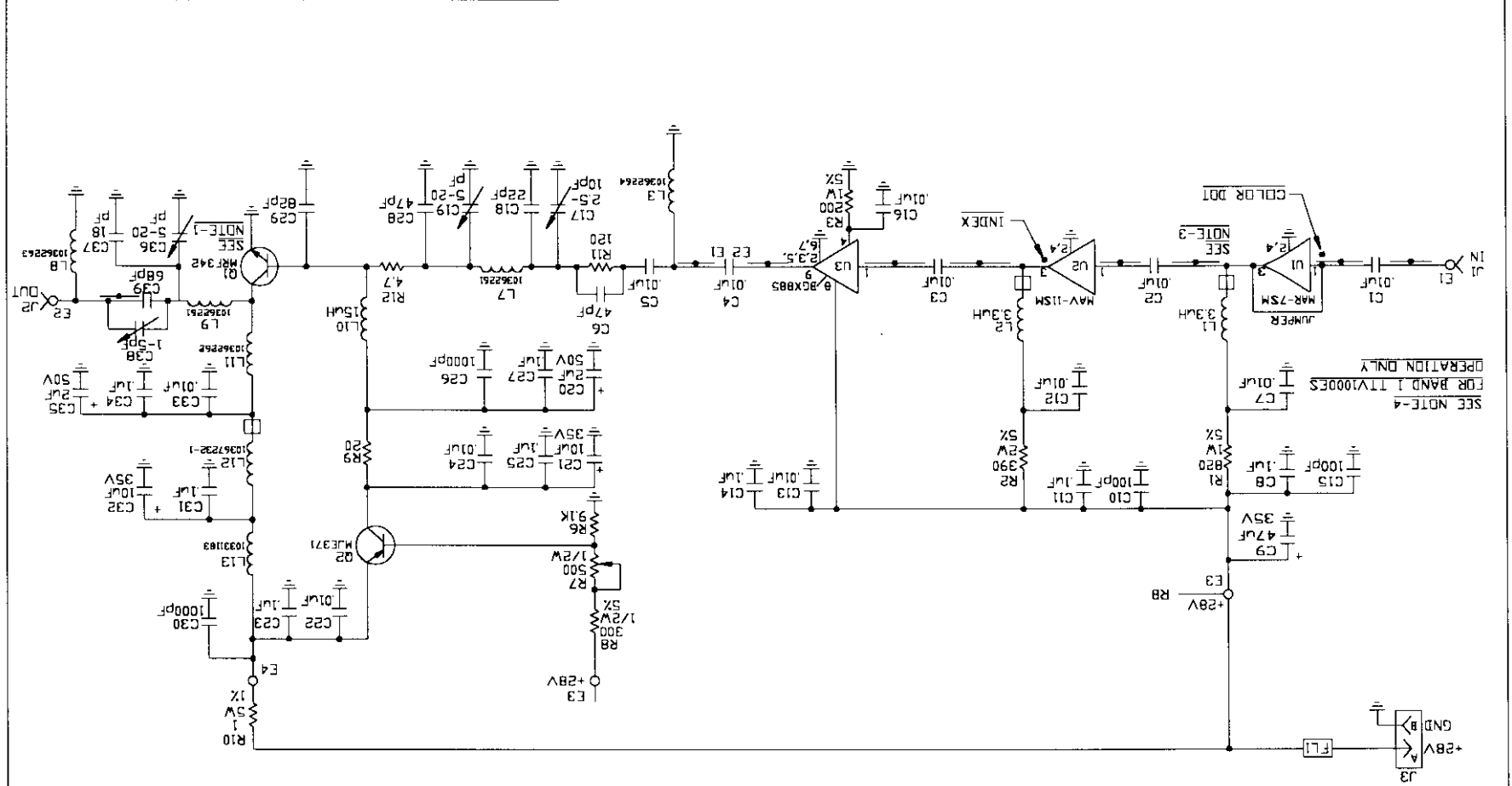


NOTES: UNLESS OTHERWISE SPECIFIED
1- COMPONENTS J1, J2, Q1, C16, R5,
PC BOARD ASSEMBLIES.
FL1 AND FL2 ARE NOT LOCATED ON

SS	12/16/94	TAB	ES WAS E4	RELEASED AT REV 55
ECN	DATE	BY		
VERSION				
MODEL				
SCALE				
RELEASE	6-14-95 RGN			
E. ENGR	6-14-95 RGN			
M. ENGR				
DR. CHK	6-8-94 CTT			
DRAFT	8-23-93 TAB			
RELEAS	6-14-95 RGN			
PRODUCTS	EMCEE			
INC.	WHITE HAVEN, PA 18641			
SHEET	1 OF 1			
REV	30362035			
SS				

SCHEMATIC DIAGRAM,
AURAL DRIVER
AMPLIFIER

SHEET 1 OF 1		30362257		REV 52	
SCHEMATIC DIAGRAM, 2W VHF AMPLIFIER		EMCEE		EMCEE	
DECIMAL		FRACTIONAL		ANGULAR	
SCALE		SCALE		SCALE	
MODEL		MODEL		MODEL	
VERSION		VERSION		VERSION	
DRAFT		DRAFT		DRAFT	
3/2/95		3/2/95		3/2/95	
TAB		TAB		TAB	
CHK		CHK		CHK	
APPRV		APPRV		APPRV	



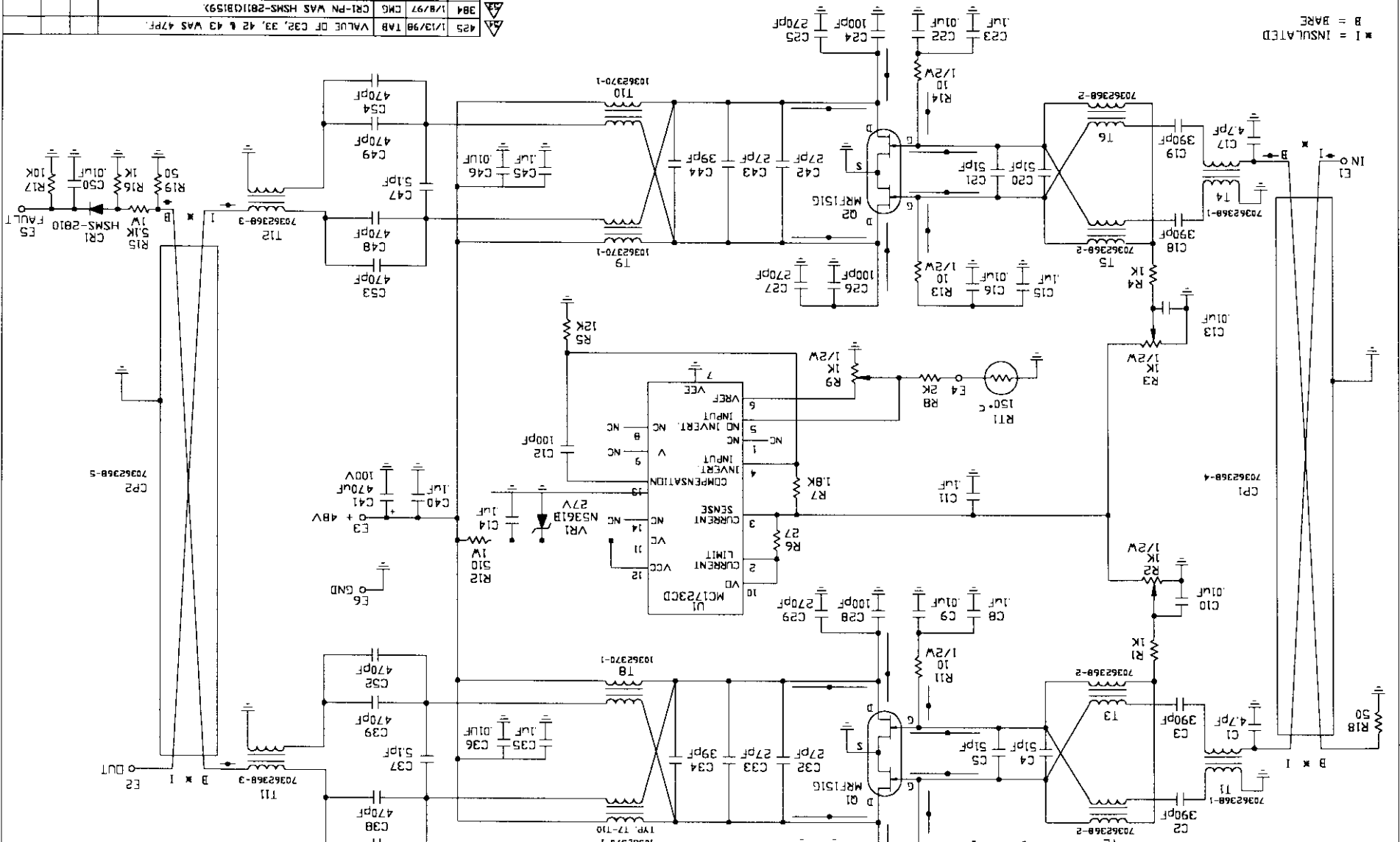
NOTES: UNLESS OTHERWISE SPECIFIED, 1-COMPONENTS J1, 2, 3, F1, U3, Q1, 2, C29 AND R9 ARE NOT ON PC BOARD ASSEMBLIES. 2-ALL RESISTORS VALUED AT 1/4W, 5%. 3-THE SYMBOL INDICATES FERRITE BEADS. 4-REMOVE U1, L1, C7, B, 15, AND R1 AND ADD JUMPER AS SHOWN.

HIGHEST REFERENCE DESIGNATIONS
U3 Q2 C39 R12 L13 F1 E5 J3
REFERENCE DESIGNATIONS NOT USED

PC1

HIGHEST REFERENCE DESIGNATIONS									
C94	R19	Q2	CP2	T4	U1	R11	VR1	E6	CR1
REFERENCE DESIGNATIONS NOT USED									

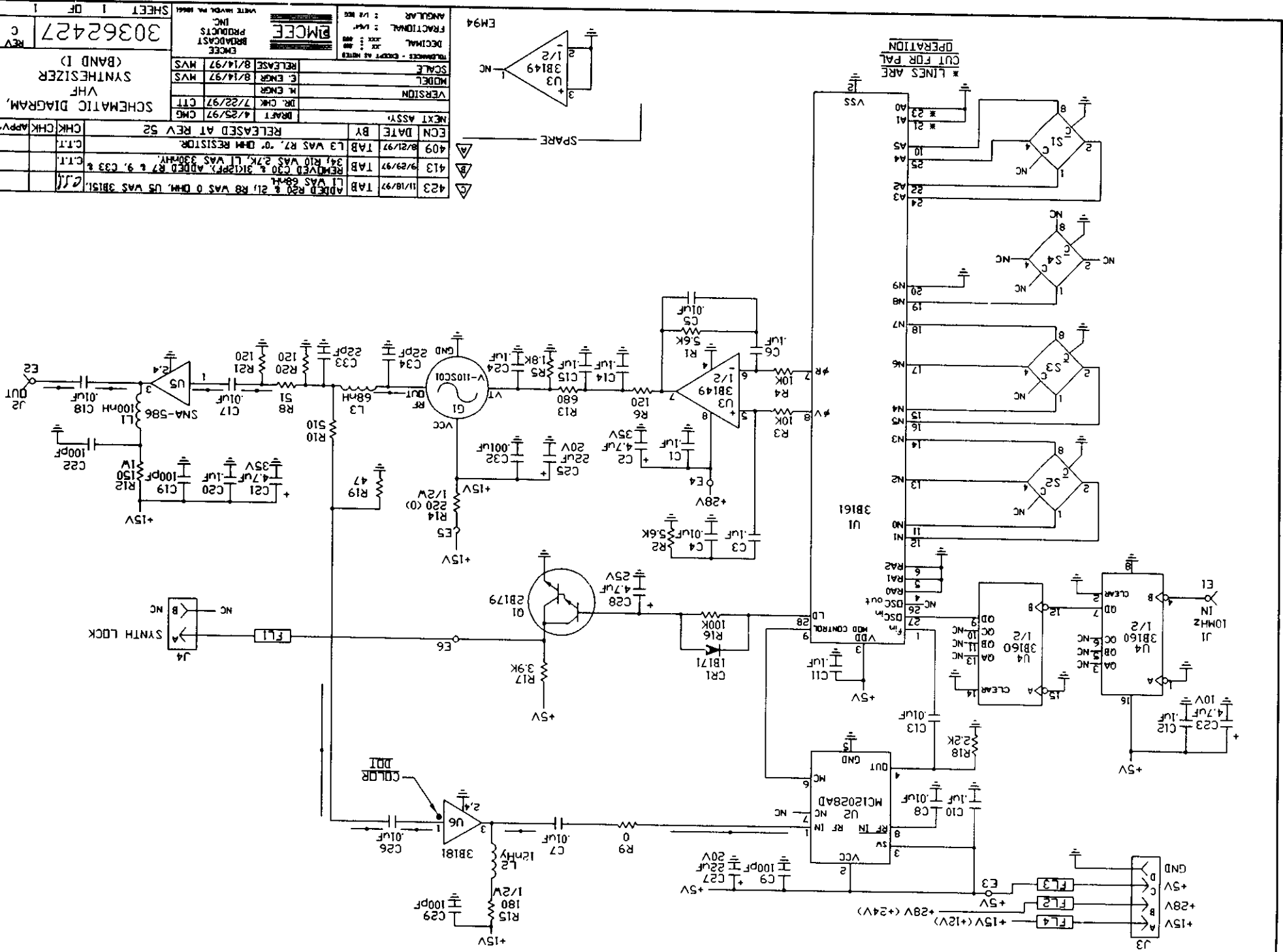
NOTES:
1- COMPONENTS J1-3, R11, T1-6, I1, 12, R18, 19, CP1 AND CP2 ARE NOT ON PC BOARD ASSEMBLY.

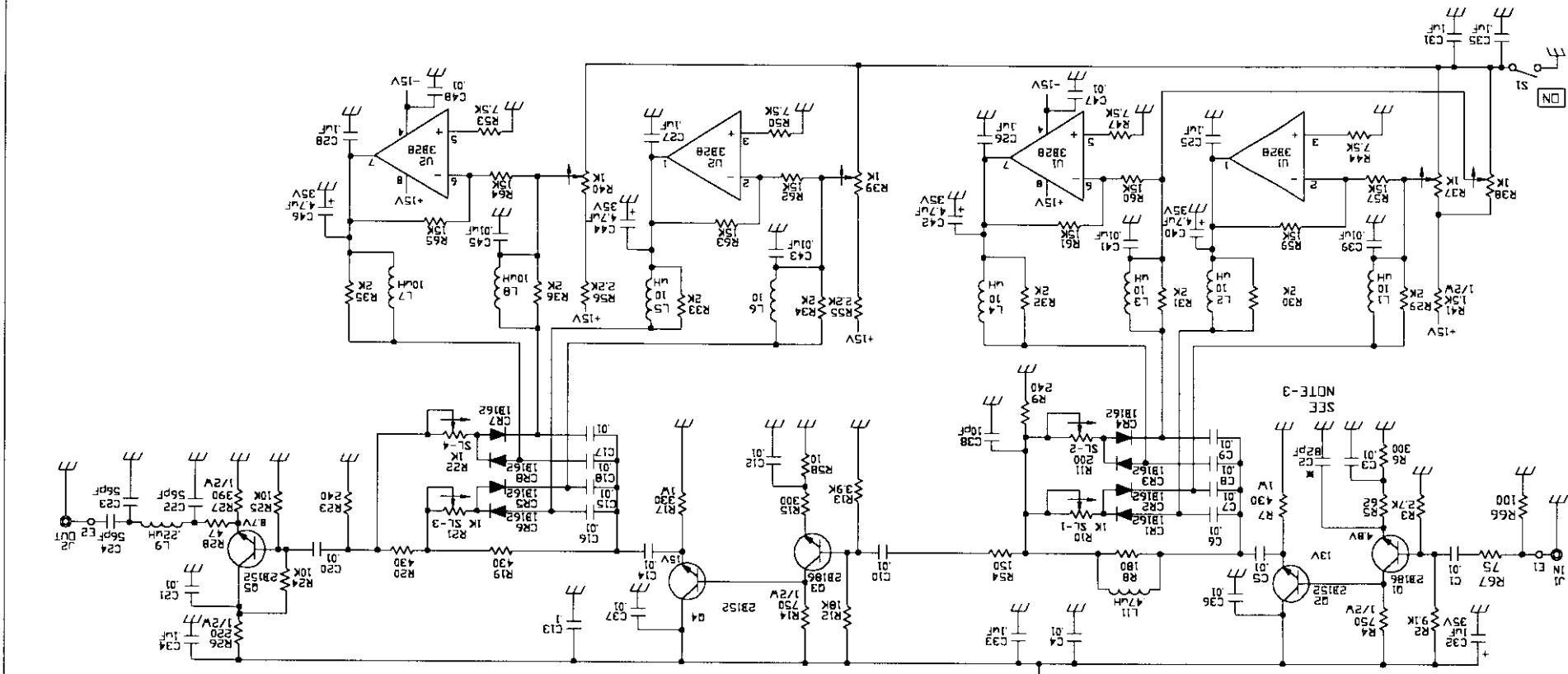


REVISIONS		DATE		BY	
425	1/13/98	TAB	VALUE OF C32, 33, 42 & 43 WAS 47PF.		
384	1/8/97	CMG	CR1-PN WAS HSM5-2810(B159)		
52	11/8/95	A.C.	ADDED E6, REMOVED J1, J2, & J3.		
NEXT ASSY:					
DRAFT 9/25/95 A.C.					
DR. CHK 11-8-95 C.I.T.					
M. ENGR					
E. ENGR					
SCALE					
MODEL EG & G					
FRACTIONAL					
ANGULAR					
TELETYPE - ENGR AT NOTICE					
REV 54					
SHEET 1 OF 1					
30362367					
S4					

300W FINAL VISUAL
AMPLIFIER, BAND III
SCHEMATIC DIAGRAM

* I = INSULATED
B = BARE

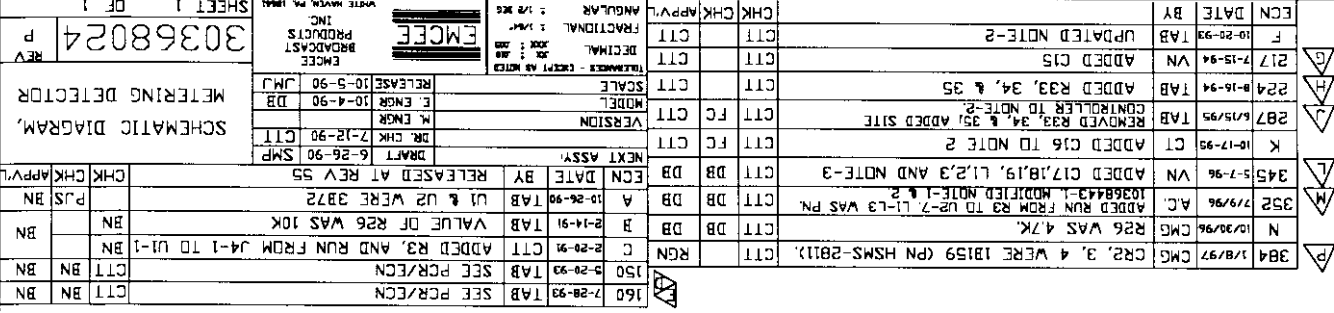




ECN	DATE	BY	RELEASED AT	REV	60	CHK	CHK	APPV
NEXT ASSY			DRAFT	10-13-93	TAB			
			DR. CHK	10-14-93	CTT			
			M. ENGR	10-14-93				
			E. ENGR	11-10-93	JL			
			RELEASED AT	11-10-93	PCN			
			SCALE	4				
			MODEL					
			VERSION					
			SCHEMATIC DIAGRAM,					
			LINEARIZER					

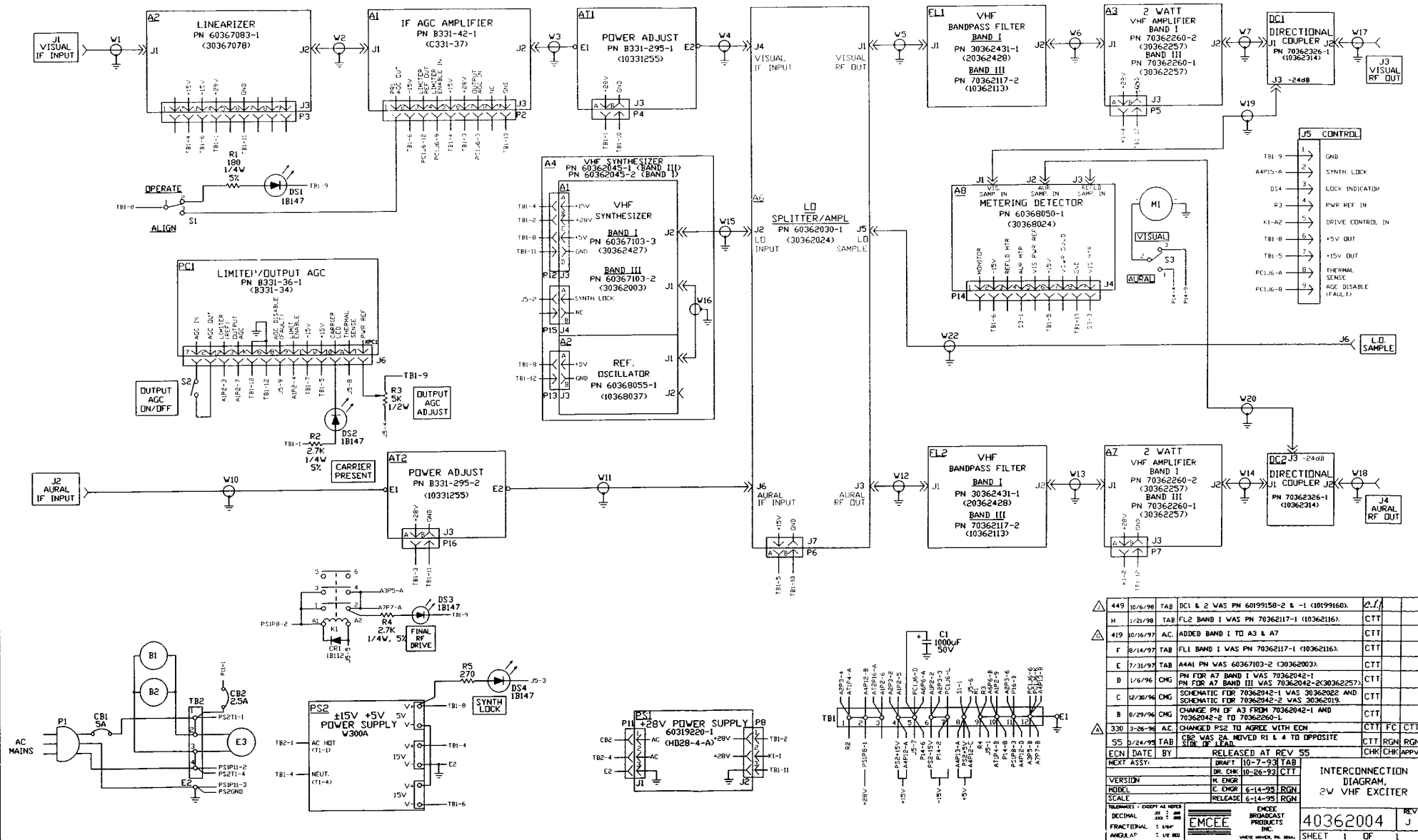
[illegible]

NOTES: UNLESS OTHERWISE SPECIFIED,
1-COMPONENTS CR1, C2, R9, R18, R27,
AND R30 ARE NOT SURFACE MOUNTED.
2-WHEN USING ON OTHER THAN HS EQUIPMENT,
C16 AND L1, L2, & L3 ARE ELIMINATED.
3-COLS L1, L2, & 3 ARE STRIP LINE RUNS.



HIGHEST REFERENCE DESIGNATIONS
 DC4 J6 AB V22 P16 P52 M1 A12 FL2 B2
 TB2 S3 R5 K1 E3 C83 CR1 C1 BCG PC1

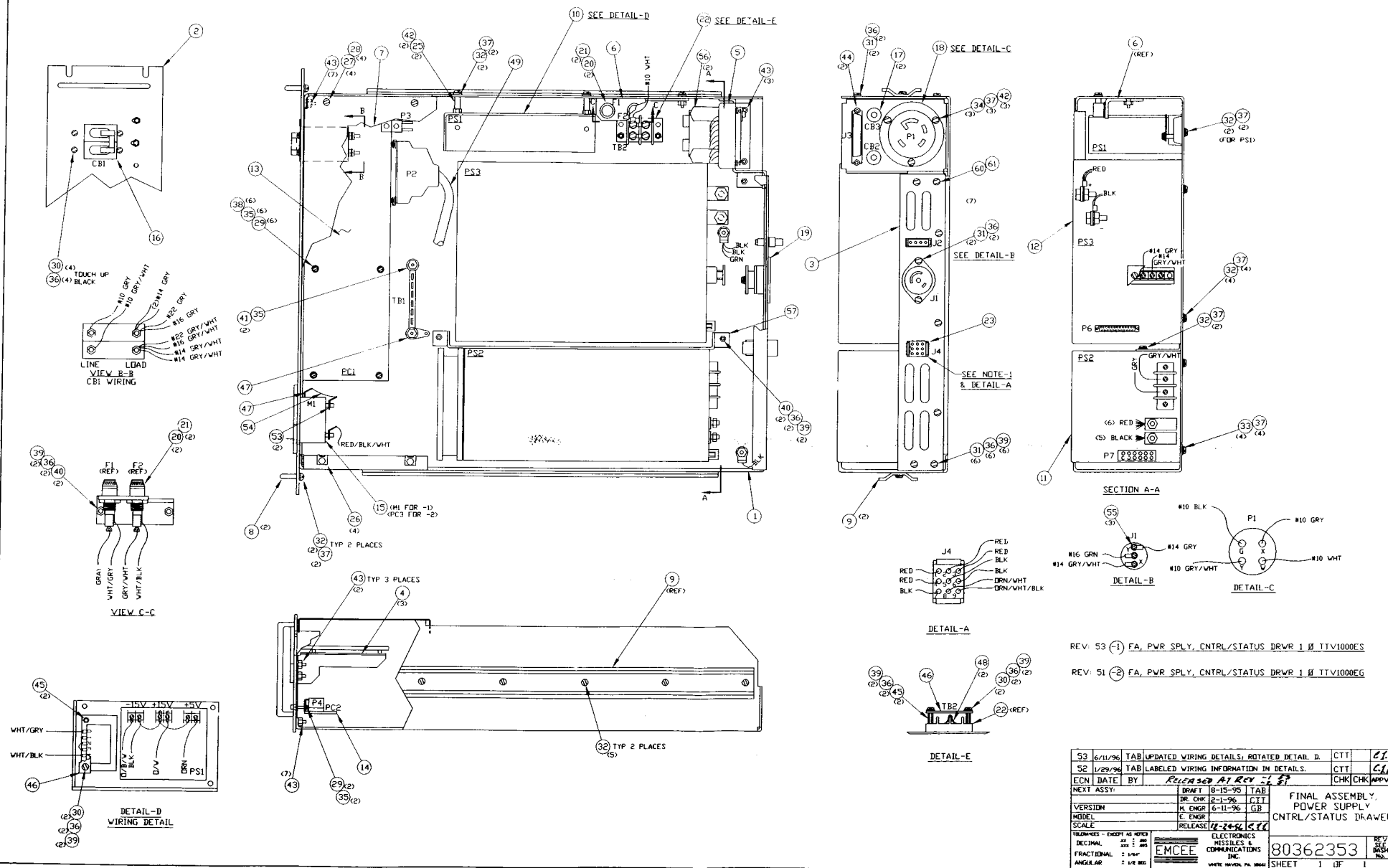
REFERENCE DESIGNATIONS NOT USED
 P3 P10 V8 V9 V21 A5



449	12/6/98	TAB	DC1 & 2 WAS PN 60199158-2 & -1 (10199160).	2.1	
H	1/21/98	TAB	FL2 BAND I WAS PN 70362117-1 (10362116).	CTT	
419	10/16/97	AC	ADDED BAND I TO A3 & A7	CTT	
F	8/14/97	TAB	FL1 BAND I WAS PN 70362117-1 (10362116).	CTT	
E	7/31/97	TAB	AA41 PN WAS 60367103-2 (30362003).	CTT	
C	1/6/96	CHG	PN FOR A7 BAND I WAS 70362042-1 (30362022) AND PN FOR A7 BAND III WAS 70362042-2 (30362257).	CTT	
D	12/30/96	CHG	SCHEMATIC FOR 70362042-1 WAS 30362022 AND SCHEMATIC FOR 70362042-2 WAS 30362019.	CTT	
B	8/29/94	CHG	CHANGE PN D7 A3 FROM 70362042-1 AND 70362042-2 TO 70362260-1.	CTT	
330	3-26-96	AC	CHANGED PS2 TO AGREE WITH EON	CTT	FC CTT
S5	2/24/95	TAB	CHG WAS 2A MOVED R1 & 4 TO OPPOSITE SIDE OF LEAD.	CTT	RGN RGN
ENCL	DATE	BY	RELEASED AT REV 55	CHK	CHK (APPV)
NEXT ASSY:			DRAFT 10-7-93 TAB		
VERSION:			DR. CHK 10-26-93 CTT		
MODEL:			IN ENGR		
SCALE:			E ENGR 6-14-95 RGN		
RELEASE:			RELEASE 6-14-95 RGN		
TOLERANCES - CROFT AS NOTED			ENCL		
DECIMAL			1/100		
FRACTIONAL			1/16		
ANGLES			1/8 DEG		
			EMCEE		
			ENCL		
			WHERE SHOWN, PN. REAL		
			40362004		
			SHEET 1 OF 1		

INTERCONNECTION
 DIAGRAM,
 2W VHF EXCITER

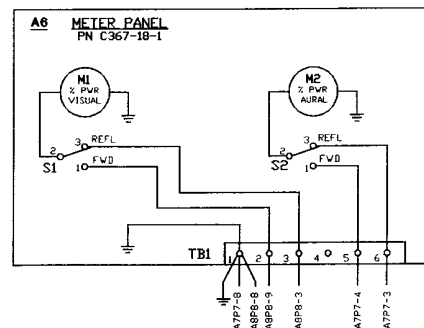
NOTE: UNLESS OTHERWISE SPECIFIED
1- INSTALL J4 ON HARNESS AFTER
INSTALLING REAR PANEL.



The diagram illustrates the internal circuitry of a television receiver, organized into several functional sections:

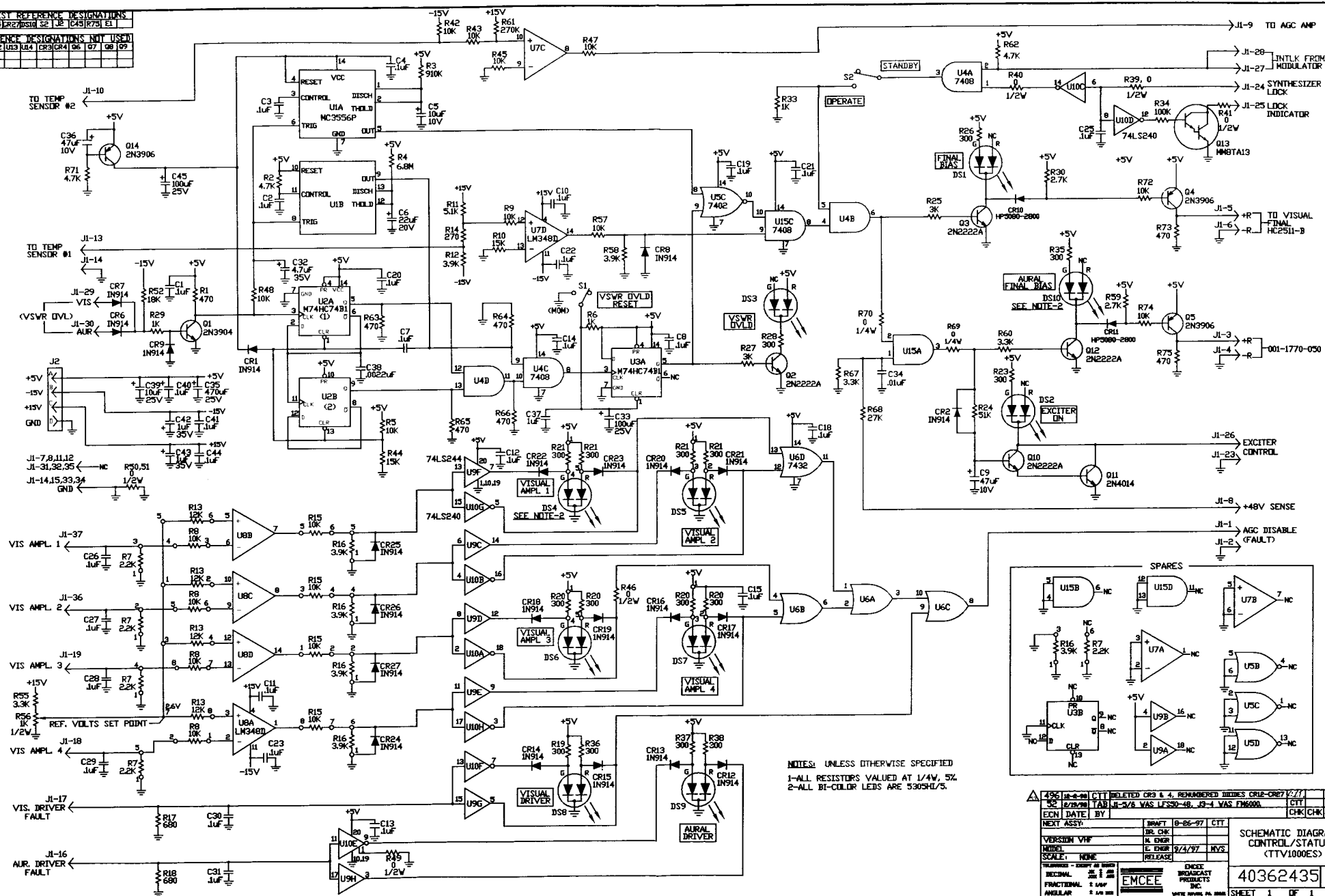
- Power and Modulation Section (Left):** Includes the **A4 POWER SUPPLY CONTROL STATUS DRAWER** (PN 80362353-1) which manages power for various components. It is connected to the **A1 MODULATOR OPTION** (PN 60367261-1) and the **A2 2 WATT VHF EXCITER** (PN 80362011-2).
- Signal Processing Section (Center):** The core of the receiver, featuring the **A3 VISUAL IPA/AURAL FINAL AMPLIFIER** (PN 80362091-2) and the **A5 VISUAL FINAL AMPLIFIER** (PN 40362474-1). These are connected to the **A2 2 WATT VHF EXCITER** and the **A7 METERING DETECTOR (AURAL)** and **A8 METERING DETECTOR (VISUAL)**.
- Metering and Output Section (Right):** Contains the **DC1 VISUAL METERING COUPLER** (PN 440160), **DC2 AURAL METERING COUPLER** (PN 440160), and the **FL1 NOTCH FILTER** (PN 70362234-1). These components are connected to the metering detectors and the final amplifier.
- Meter Panel (Bottom Right):** The **A6 METER PANEL** (PN C367-18-1) displays the visual and aural meter readings, connected to the metering detectors.

The diagram shows a complex network of signal paths, power lines, and control lines, with numerous components labeled with part numbers and pin configurations. The layout is organized into sections, with the power supply and modulator on the left, the main signal processing blocks in the center, and the metering and output sections on the right.



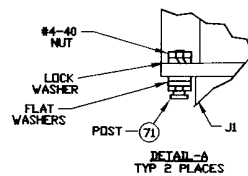
52	5/18/99	A.C.	IN A5 BAND III	SCH. NO. WAS	430362476	2/7		
ECN	DATE	BY	INVT	4/29/99	A.C.		CHK	CHK
NEXT	AST		SR	4/29/99	C.T.T.			
VERSION			M. ENDR				INTERCONNECTION	
MODEL			E. ENDR				DIAGRAM	
SCALE			RELEASE				TTV5000S	
							TRANSMITTER	
REVISION - EXCEPT AS NOTED			EMCEE			DINCE BROADCAST PRODUCTS INC.		
REVISION	DATE	BY				40362475		
REVISION	DATE	BY				REV 52		
FRACTIONAL	2.5/8					SHEET 1 OF 1		
FRACTIONAL	2.5/8							

HIGHEST REFERENCE DESIGNATIONS
U13 (U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U26, U27, U28, U29, U30, U31, U32, U33, U34, U35, U36, U37, U38, U39, U40, U41, U42, U43, U44, U45, U46, U47, U48, U49, U50, U51, U52, U53, U54, U55, U56, U57, U58, U59, U60, U61, U62, U63, U64, U65, U66, U67, U68, U69, U70, U71, U72, U73, U74, U75, U76, U77, U78, U79, U80, U81, U82, U83, U84, U85, U86, U87, U88, U89, U90, U91, U92, U93, U94, U95, U96, U97, U98, U99, U100)
REFERENCE DESIGNATIONS NOT USED
U1, U2, U3, U4, U5, U6, U7, U8, U9, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U26, U27, U28, U29, U30, U31, U32, U33, U34, U35, U36, U37, U38, U39, U40, U41, U42, U43, U44, U45, U46, U47, U48, U49, U50, U51, U52, U53, U54, U55, U56, U57, U58, U59, U60, U61, U62, U63, U64, U65, U66, U67, U68, U69, U70, U71, U72, U73, U74, U75, U76, U77, U78, U79, U80, U81, U82, U83, U84, U85, U86, U87, U88, U89, U90, U91, U92, U93, U94, U95, U96, U97, U98, U99, U100



4362435-2-00 CTT DELETED C93 & 4, REMOVED BIDDIES CR18-CR27 12/77		CHK	CHK	APPR	
ECN	DATE	BY			
VERSION	V10	DATE	10/26/98	TAR	11-5/6 VAS U7530-48, J3-4 VAS U76000
REVISION	1	DATE	11/17/97	BY	REVISION
SCALE	NONE	RELEASE			
EMCEE		SCHEMATIC DIAGRAM, CONTROL/STATUS (TTV1000ES)			
40362435		REV 53			
SHEET 1 OF 1					

1- MARK REV LEVEL PER SHEET 1 OF 1 AND
SPEC A232-107-3.



496	4-7-90	CIT	ARMED CR-2-27	DELETED ITEMS 13 AND ORG 3	C.T.T.		
52	11/6/86	TAB	ITEM 1 WAS PN	4020552-11	C.T.T.		
ECN	DATE	BY			CHK	CHK	APPROV
NEXT ASSEMBLY			BRAFT	8-5-97	C.T.T.		
VERSION			SR. CHG				
MODEL			E. ENGR				
SCALE 1/2" AT 100	100% FULL	SIZE	20	9/4/97	NVS		
				PCB ASSEMBLY, CONTROL/STATUS (TTV1000S)			
DECIMAL			EMCEE		40362437		REV 52
FRACTIONAL			EMCEE		SHEET 1		OF 1
ANGULAR			EMCEE				