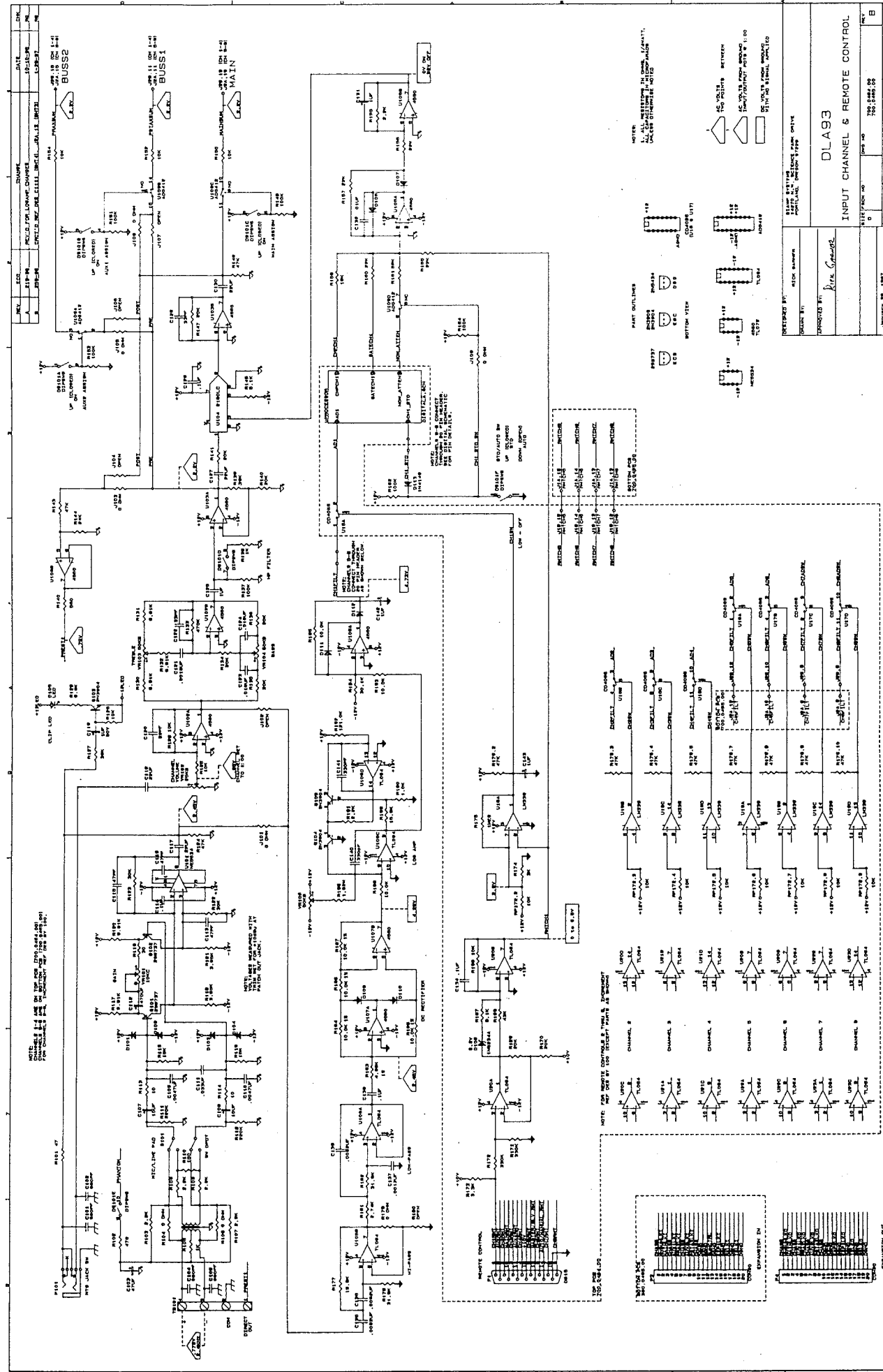


DLA 93 & 93tc

Schematic

B I A M P[®]

S Y S T E M S



NOTE: CHANNELS 1-4 ARE OF THE LOW POWER CHANNEL TYPE. CHANNELS 5-9 ARE OF THE HIGH POWER CHANNEL TYPE. CHANNEL 9 IS A SPECIAL CHANNEL FOR REMOTE CONTROL. CHANNELS 1-9 ARE ALL OF THE CHANNEL TYPE WITH REMOTE CONTROL. CHANNELS 1-9 ARE ALL OF THE CHANNEL TYPE WITH REMOTE CONTROL.

DLA93
INPUT CHANNEL & REMOTE CONTROL

DESIGNED BY: [Signature]

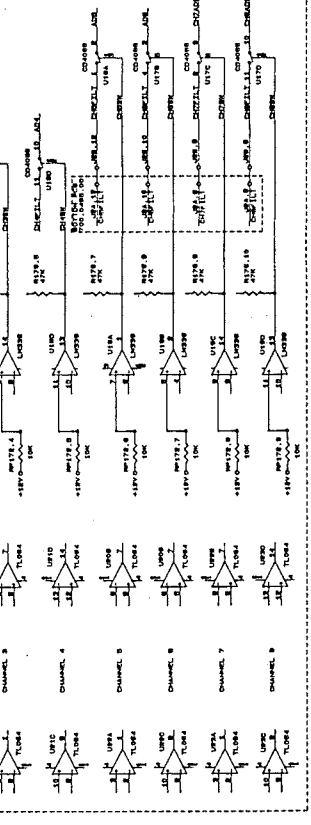
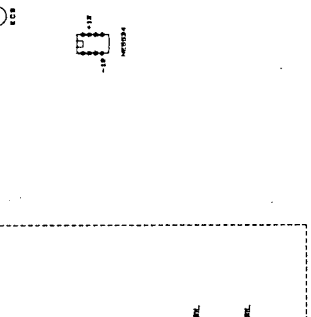
PROJECT NO: 750-100-00

DATE: 10/10/68

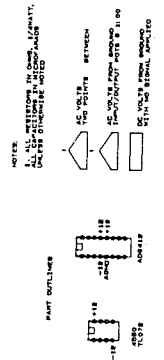
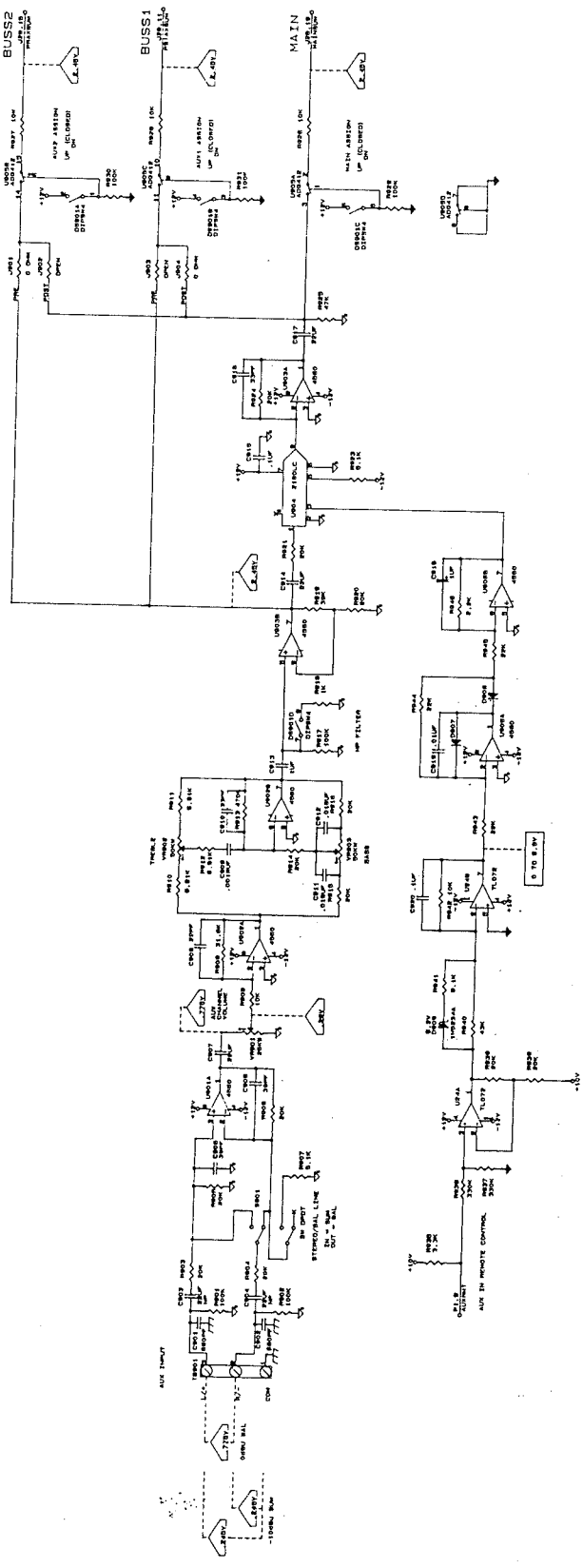
REV: B

SHEET: 1 OF 1

1	15.0V	1.0A
2	15.0V	1.0A
3	15.0V	1.0A
4	15.0V	1.0A
5	15.0V	1.0A
6	15.0V	1.0A
7	15.0V	1.0A
8	15.0V	1.0A
9	15.0V	1.0A



NOTE: CHANNELS 1-4 ARE OF THE LOW POWER CHANNEL TYPE. CHANNELS 5-9 ARE OF THE HIGH POWER CHANNEL TYPE. CHANNEL 9 IS A SPECIAL CHANNEL FOR REMOTE CONTROL. CHANNELS 1-9 ARE ALL OF THE CHANNEL TYPE WITH REMOTE CONTROL.

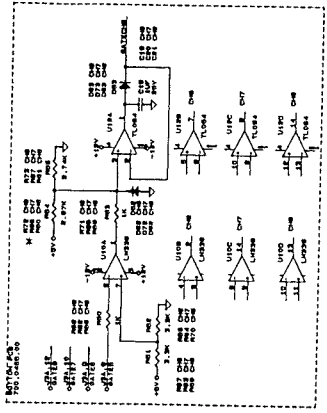


15 VOLTS BETWEEN PINS 1 & 2
 15 VOLTS FROM ANODE TO CATHODE
 15 VOLTS FROM ANODE TO GROUND

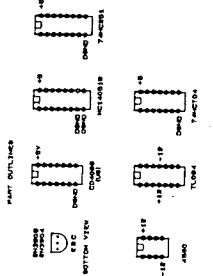
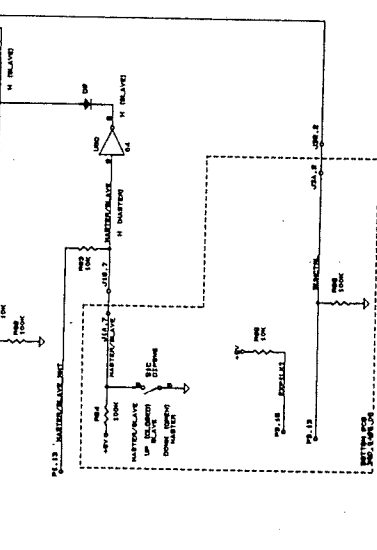
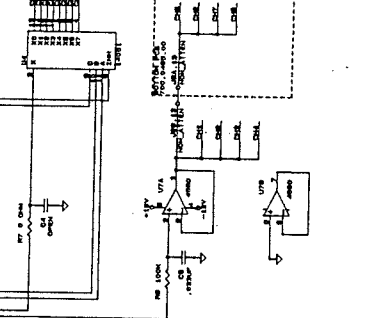
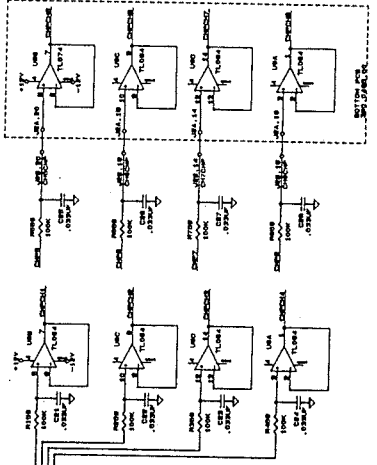
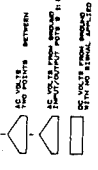
DESIGNED BY:	WICK BARNER
DESIGNED BY:	DL93 (DL93)
DATE:	NOV 1967
SCALE:	1:1
PROJECT:	DL93
SHEET:	1 OF 1

DL93
 AUX INPUT & REMOTE CONTROL

NOTE: ALL WIREMENTS TO BE MADE IN ACCORDANCE WITH THE WIRING DIAGRAMS AND THE PARTS LIST.



NOTE: ALL WIREMENTS TO BE MADE IN ACCORDANCE WITH THE WIRING DIAGRAMS AND THE PARTS LIST.

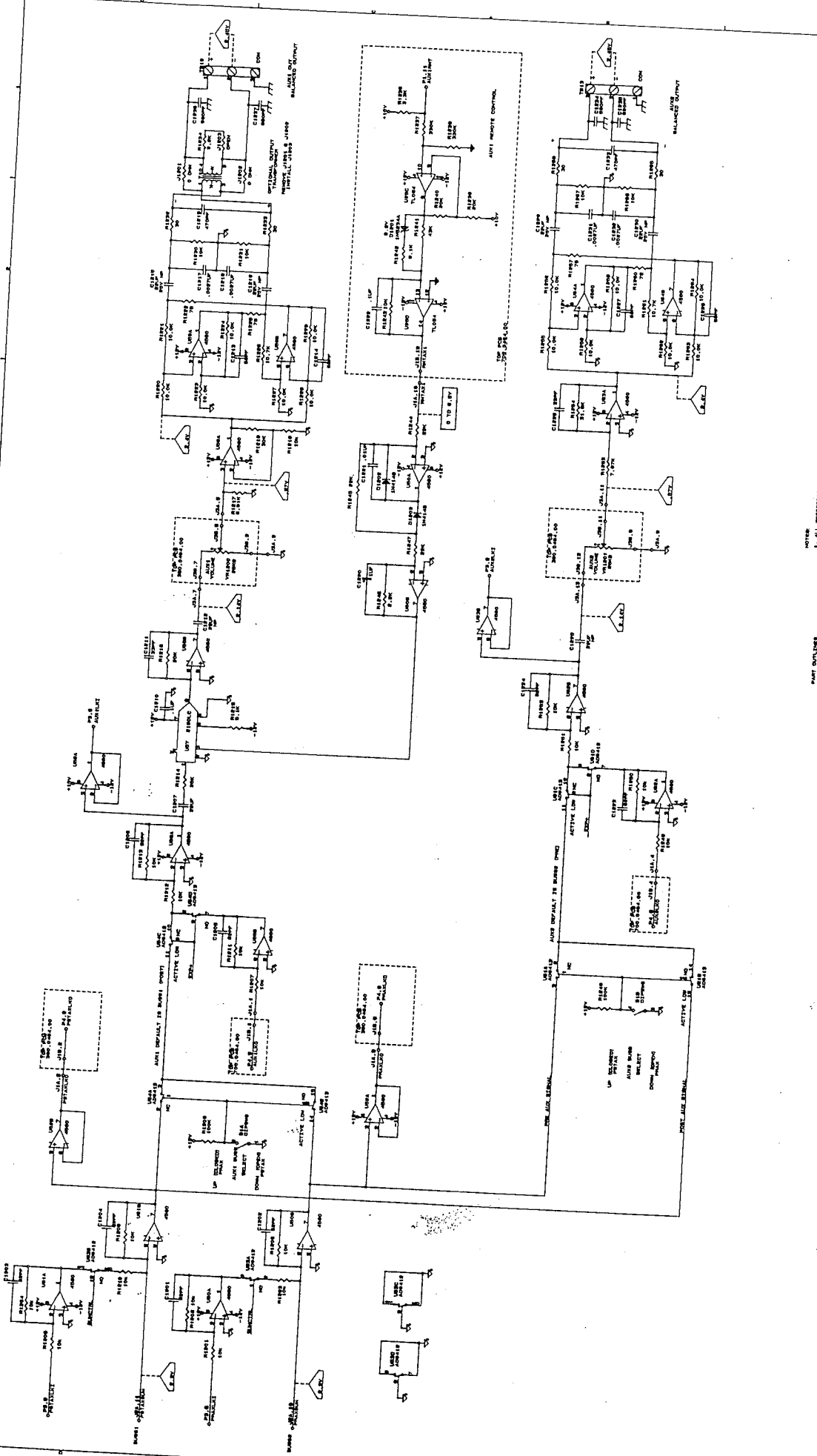


DESIGNED BY: [Name]

CHECKED BY: [Name]

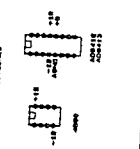
DLA93
DIGITAL

DATE: 10/15/54	REV: B
BY: [Name]	CHKD: [Name]
APP'D: [Name]	TESTED: [Name]
REVISIONS:	
NO.	DESCRIPTION
1	REVISED TO ADD PARTS LIST
2	REVISED TO ADD PARTS LIST
3	REVISED TO ADD PARTS LIST
4	REVISED TO ADD PARTS LIST
5	REVISED TO ADD PARTS LIST
6	REVISED TO ADD PARTS LIST
7	REVISED TO ADD PARTS LIST
8	REVISED TO ADD PARTS LIST
9	REVISED TO ADD PARTS LIST
10	REVISED TO ADD PARTS LIST



NOTE:
 ALL VALUES IN SQUARE SLANTS
 UNLESS OTHERWISE NOTED

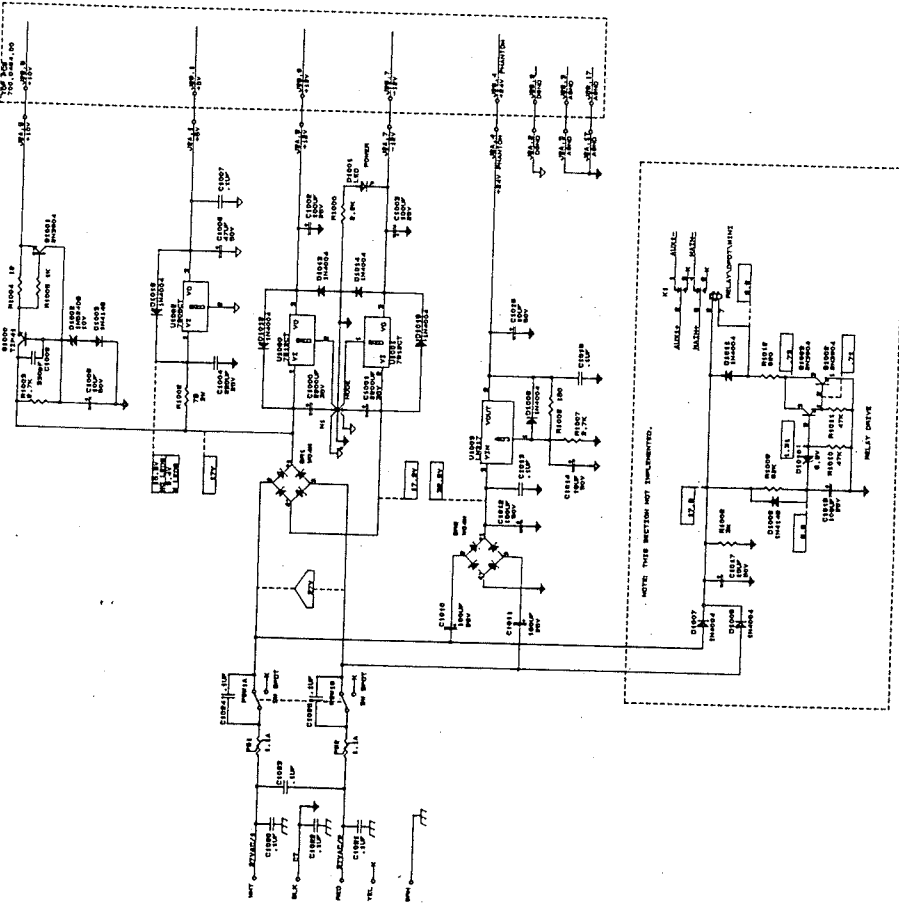
NO VOLTAGE BETWEEN
 THE OUTPUT AND 5V OR
 BETWEEN 5V AND GND



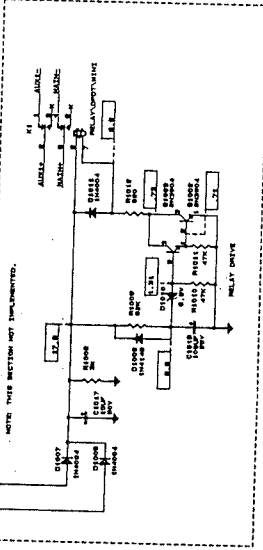
DLA93
 AUX OUTS & REMOTE CONTROL

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

DATE: [Date]
 SCALE: [Scale]
 SHEET: [Sheet Number] OF [Total Sheets]



NOTE:
 THE POWER CONSUMPTION OF THIS UNIT
 REQUIRES THE USE OF A 250V 10
 OR 250V 15A TRANSFORMER.
 DO NOT USE WITH 15A TRANSFORMERS.



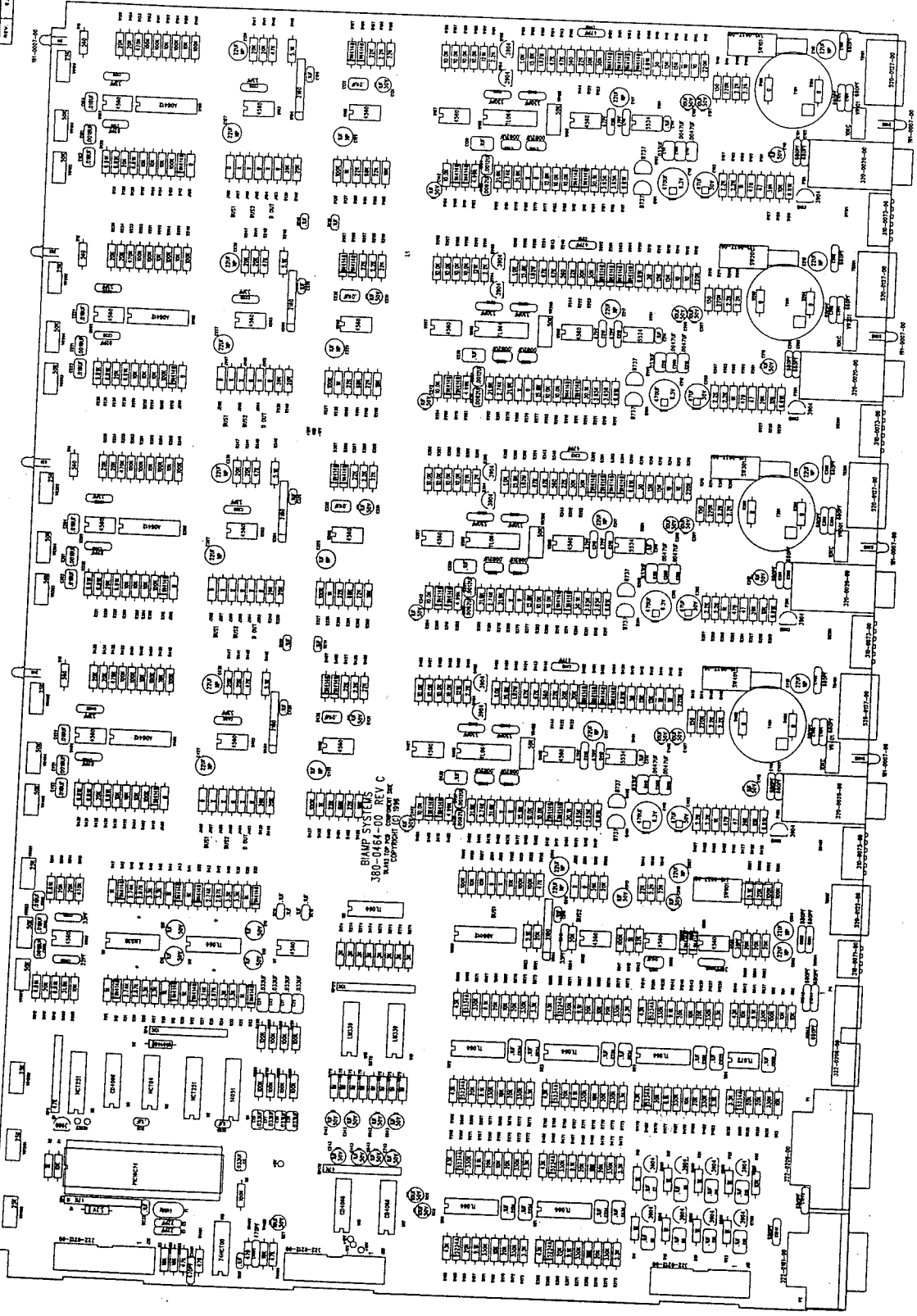
DESIGNED BY: **W. L. RICE**
 CHECKED BY: **W. L. RICE**
 DRAWN BY: **W. L. RICE**
 DATE: **10/10/68**
 TITLE: **POWER SUPPLY**
 DRAWING NO: **40000000**
 REV: **1**
 SHEET: **1** OF **1**

NOTES:

- ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.
- USE STANDARD COMPONENTS UNLESS OTHERWISE SPECIFIED.
- SEE NOTES BETWEEN SHEETS.
- SEE NOTES BETWEEN SHEETS.

PART OUTLINE:

REF	DESCRIPTION	QTY	SIZE	FORM
C1101	RESISTOR	1	1/2W	5% 100Ω
C1102	RESISTOR	1	1/2W	5% 100Ω
C1103	RESISTOR	1	1/2W	5% 100Ω
C1104	RESISTOR	1	1/2W	5% 100Ω
C1105	RESISTOR	1	1/2W	5% 100Ω
C1106	RESISTOR	1	1/2W	5% 100Ω
C1107	RESISTOR	1	1/2W	5% 100Ω
C1108	RESISTOR	1	1/2W	5% 100Ω
C1109	RESISTOR	1	1/2W	5% 100Ω
C1110	RESISTOR	1	1/2W	5% 100Ω
C1111	RESISTOR	1	1/2W	5% 100Ω
D1101	DIODE	1	1N4004	1N4004
D1102	DIODE	1	1N4004	1N4004
D1103	DIODE	1	1N4004	1N4004
D1104	DIODE	1	1N4004	1N4004
D1105	DIODE	1	1N4004	1N4004
Z1101	ZENER DIODE	1	1/2W	5% 100V
R1101	RELAY	1	12VDC	12VDC
T1101	TEMPERATURE SWITCH	1	1/2W	1/2W



Sheet 1 of 3: Structures

300-0464-00 REV C
DL93 Top PCB

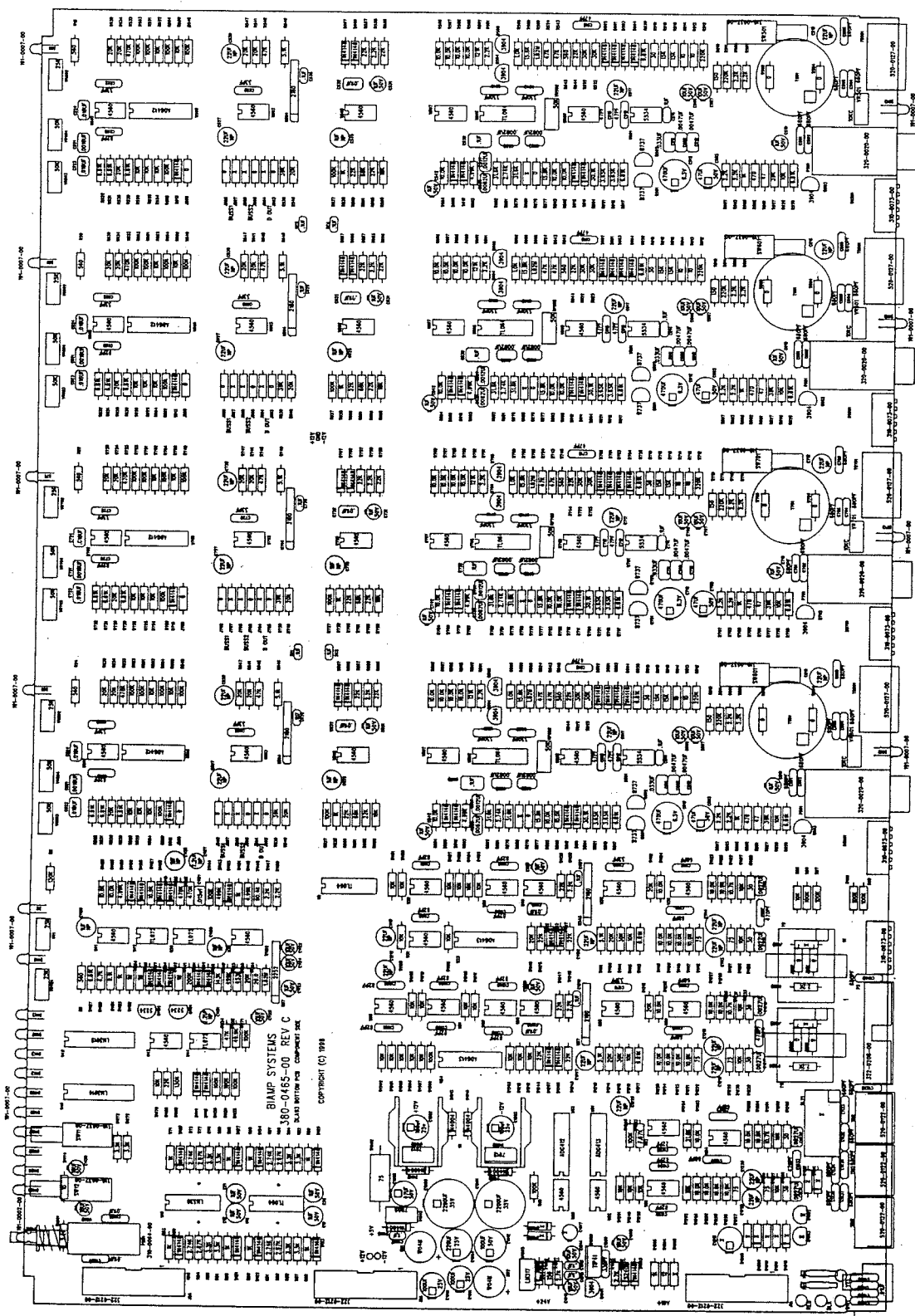
BIAMP SYSTEMS
1430 N.W. Science Park Drive
Portland, Oregon 97229
(503) 641-7287

blamp BIAMP SYSTEMS, INC.
 DL93 TOP PCB
 COMPONENT LAYOUT
 100% TESTED

REV.	DATE	DESCRIPTION
1		INITIAL RELEASE
2		
3		
4		
5		
6		
7		
8		
9		
10		

A B C D E

10-21-83 [REV. 04/83] ... [REV. 04/83] ... [REV. 04/83]



Sheet 1 of 3: Silscreen
 380-0465-00 REV C
 DL493 Bottom PCB
 BIAMP SYSTEMS
 1430 N. Science Park Drive
 Portland, Oregon 97223
 (503) 641-7287

BIAMP SYSTEMS, INC. 1430 N. SCIENCE PARK DRIVE PORTLAND, OREGON 97223	
PROJECT	DL493
DATE	04/83
DESIGNER	
CHECKER	
APPROVER	
TITLE	DL493 BOTTOM PCB
DATE	04/83
SCALE	3:2
NO. OF SHEETS	3
SHEET NO.	1

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN PARENTHESES ARE ALTERNATE DIMENSIONS. DIMENSIONS IN SQUARE BRACKETS ARE TYPICAL DIMENSIONS. DIMENSIONS IN CIRCLES ARE TYPICAL DIMENSIONS. DIMENSIONS IN TRIANGLES ARE TYPICAL DIMENSIONS. DIMENSIONS IN DIAMOND SHAPES ARE TYPICAL DIMENSIONS. DIMENSIONS IN OVALS ARE TYPICAL DIMENSIONS. DIMENSIONS IN PARALLELOGRAMS ARE TYPICAL DIMENSIONS. DIMENSIONS IN RECTANGLES ARE TYPICAL DIMENSIONS. DIMENSIONS IN TRAPEZOIDALS ARE TYPICAL DIMENSIONS. DIMENSIONS IN POLYGONS ARE TYPICAL DIMENSIONS. DIMENSIONS IN CIRCLES ARE TYPICAL DIMENSIONS. DIMENSIONS IN TRIANGLES ARE TYPICAL DIMENSIONS. DIMENSIONS IN DIAMOND SHAPES ARE TYPICAL DIMENSIONS. DIMENSIONS IN OVALS ARE TYPICAL DIMENSIONS. DIMENSIONS IN PARALLELOGRAMS ARE TYPICAL DIMENSIONS. DIMENSIONS IN RECTANGLES ARE TYPICAL DIMENSIONS. DIMENSIONS IN TRAPEZOIDALS ARE TYPICAL DIMENSIONS. DIMENSIONS IN POLYGONS ARE TYPICAL DIMENSIONS.	MODEL PART NO. APPLICATION VTE NO.
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BIAMP SYSTEMS, INC. 1430 N. SCIENCE PARK DRIVE PORTLAND, OREGON 97223 (503) 641-7287