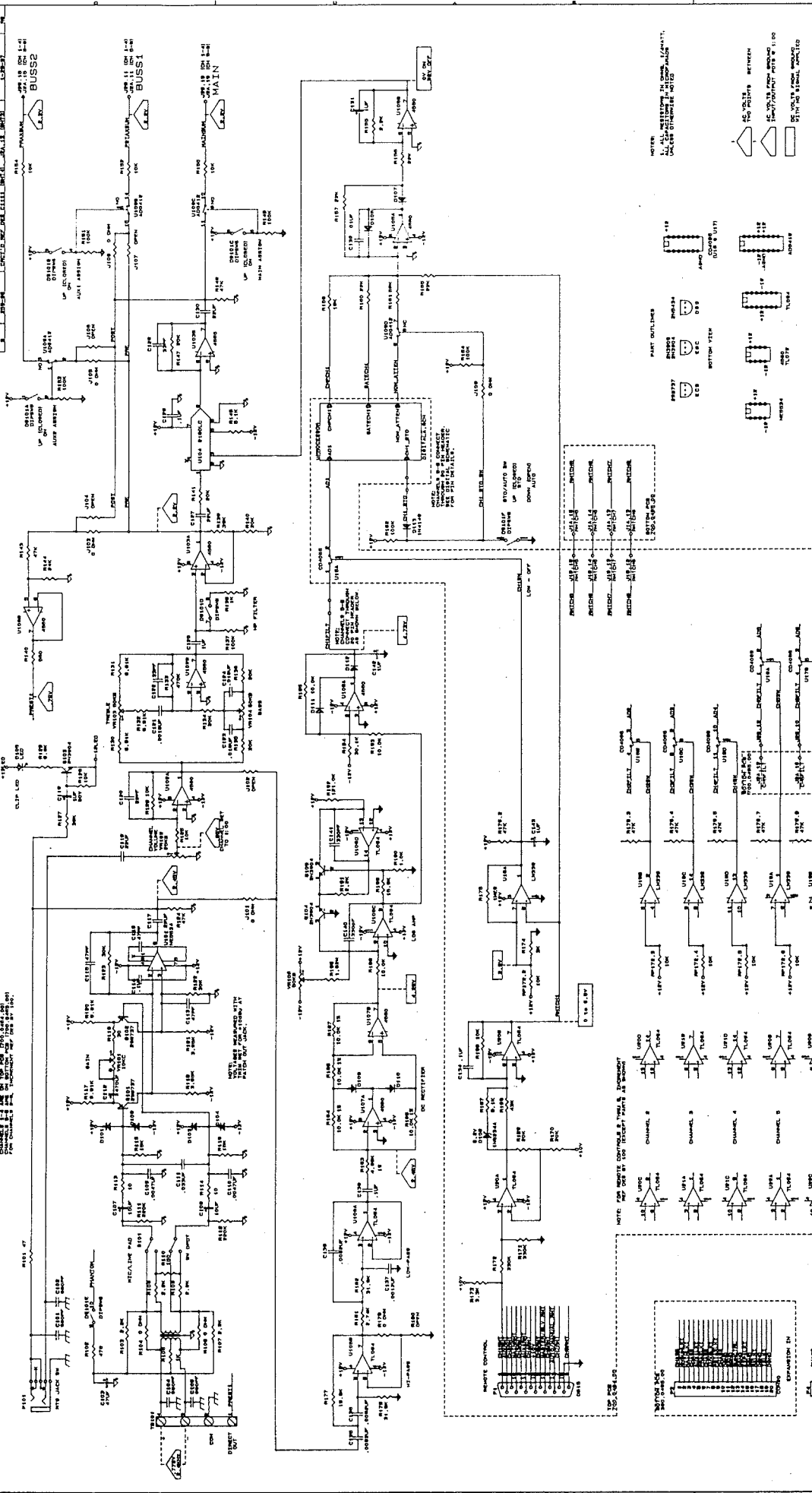


DLA 93 & 93tc

Schematic

B I A M P[®]

S Y S T E M S



NOTE: ALL PARTS LISTED IN THIS SCHEMATIC ARE TO BE OBTAINED FROM THE FOLLOWING SOURCES:

RESISTORS: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)
 CAPACITORS: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)
 TRANSISTORS: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)
 DIODES: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)
 RELAYS: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)
 SWITCHES: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)
 POTENTIOMETERS: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)
 MICROPROCESSORS: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)
 IC'S: MCGRAW-HILL ELECTRONIC SUPPLY CO. (M.C.S.)

DLA93 INPUT CHANNEL & REMOTE CONTROL

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

DATE: JANUARY 24, 1987

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	JAN 24 1987

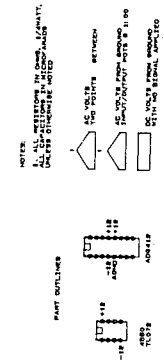
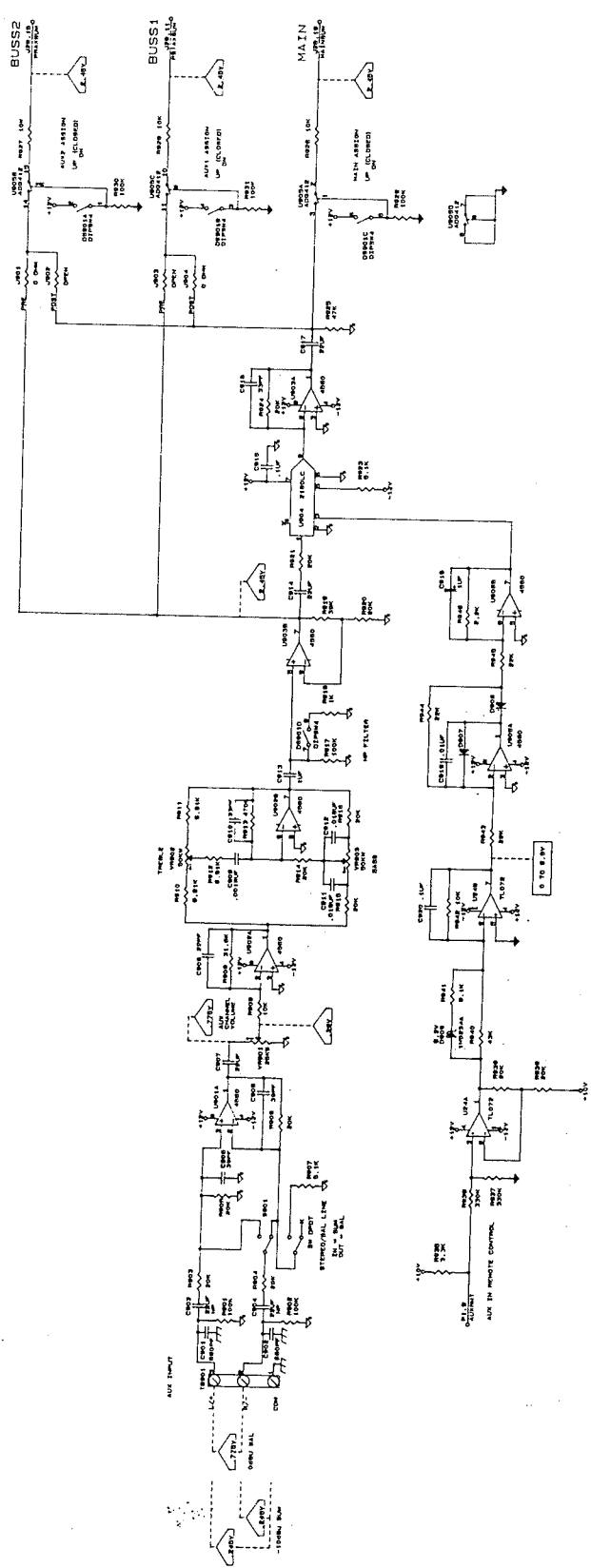
PART OUTLINES:

- RESISTOR: [Symbol]
- CAPACITOR: [Symbol]
- TRANSISTOR: [Symbol]
- DIODE: [Symbol]
- RELAY: [Symbol]
- SWITCH: [Symbol]
- POTENTIOMETER: [Symbol]
- MICROPROCESSOR: [Symbol]
- IC: [Symbol]

TOP VIEW:

EXPANSION IN:

EXPANSION OUT:

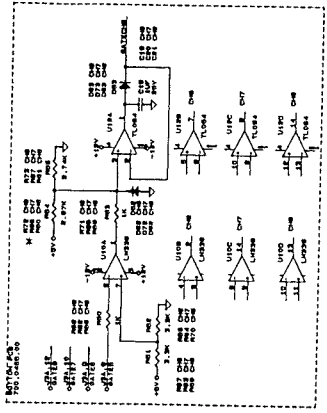


POWERED BY: AEC DRAWING
 DESIGNED BY: [Signature]
 CHECKED BY: [Signature]

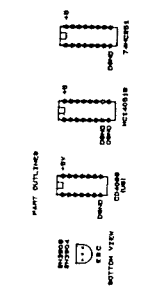
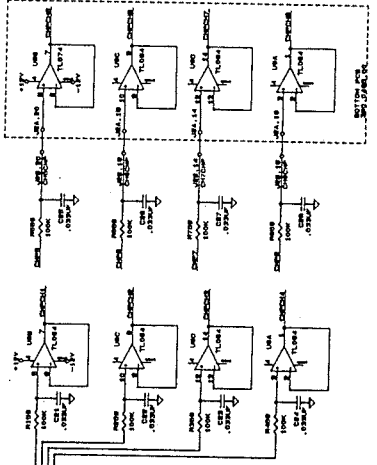
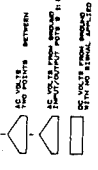
DLA93
 AUX INPUT & REMOTE CONTROL

DATE: 10/10/68
 SCALE: 1:1
 SHEET: 1 OF 1

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.

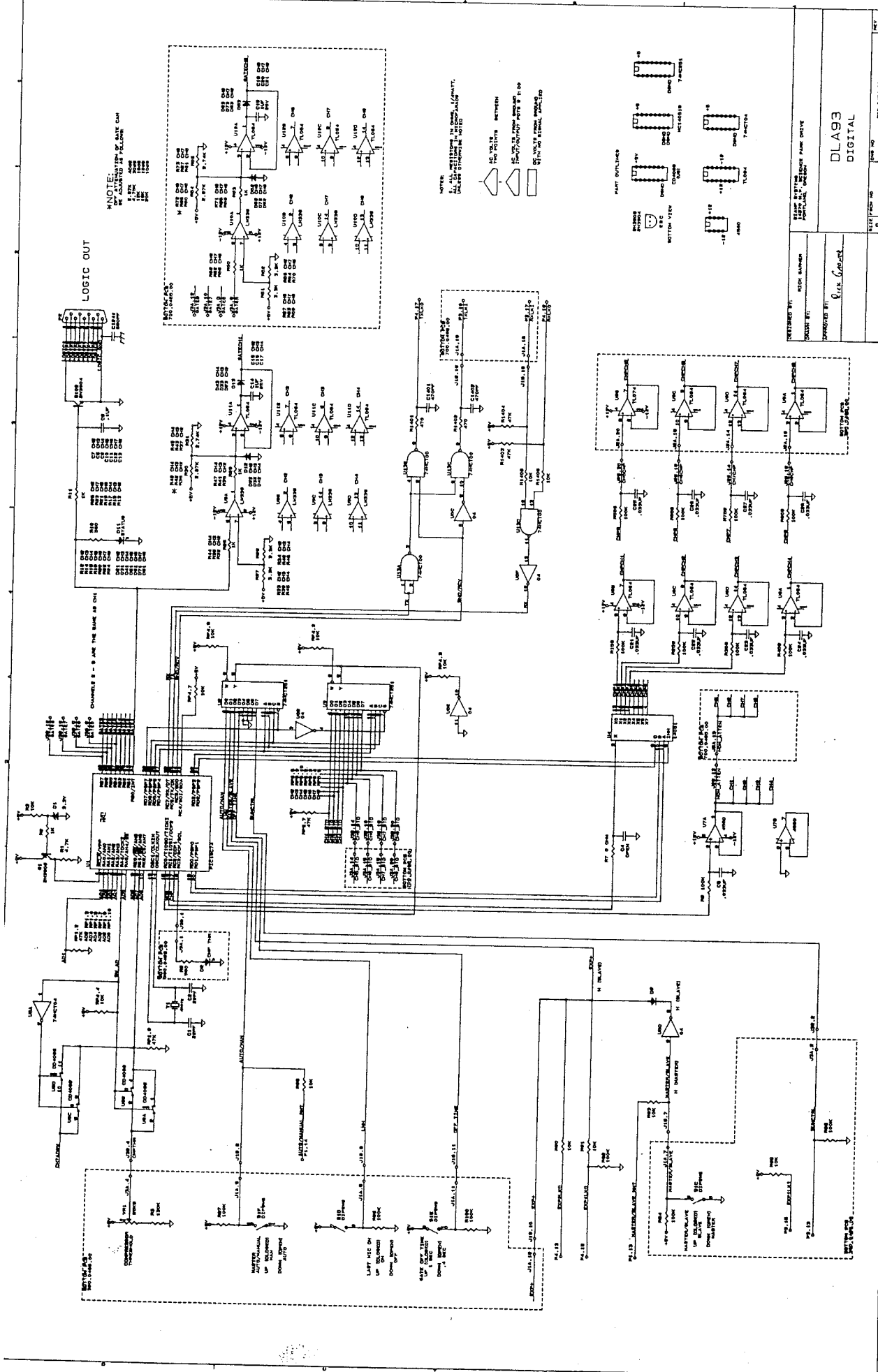


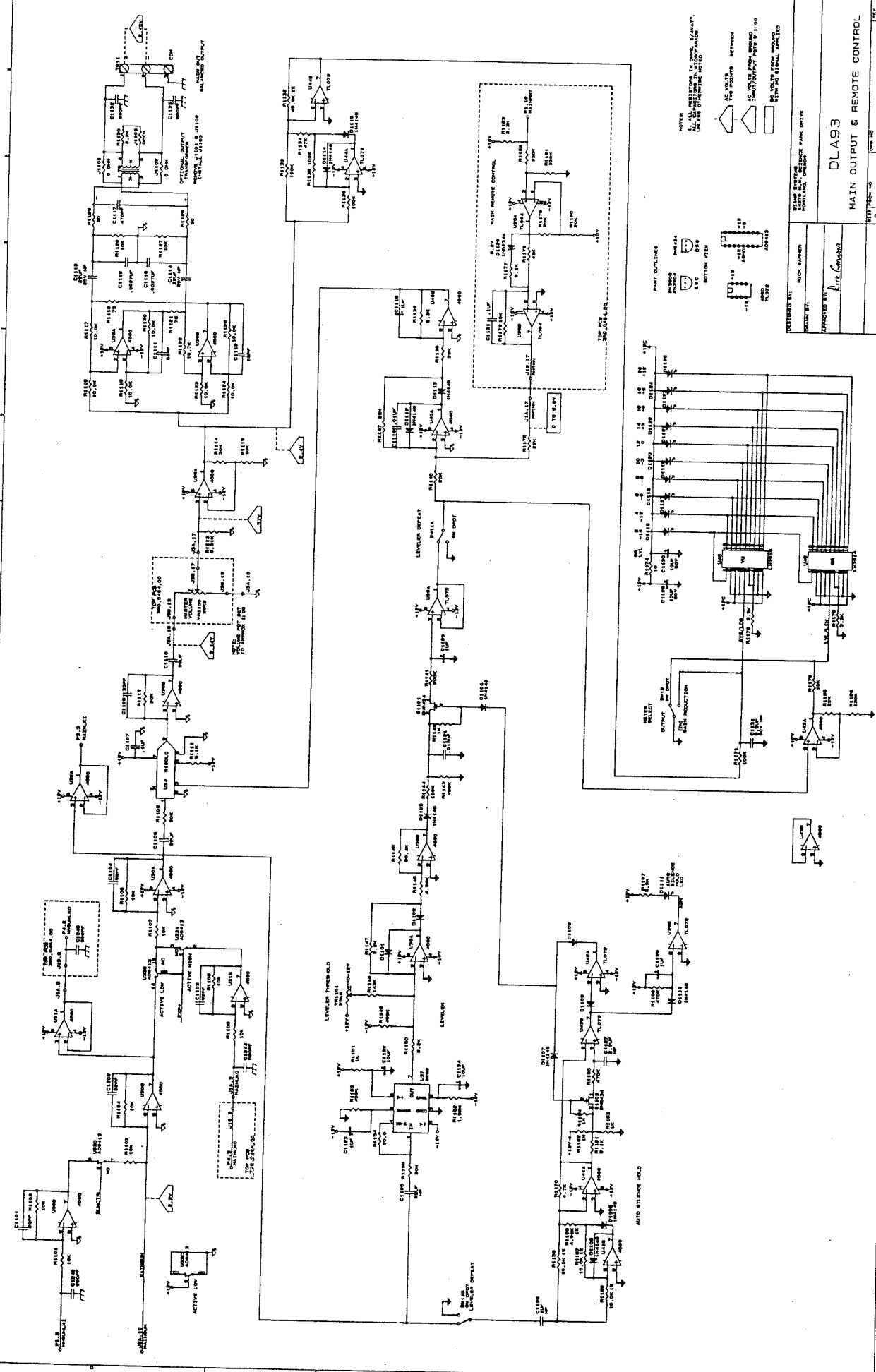
DESIGNED BY: [Name]

CHECKED BY: [Name]

DLA93
DIGITAL

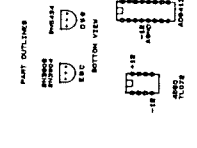
DATE: 10/10/50	REV: B
BY: [Name]	APP: [Name]
PROJECT: [Name]	SCALE: [Name]
WORKSHEET NO. [Name]	SHEET [Name] OF [Name]





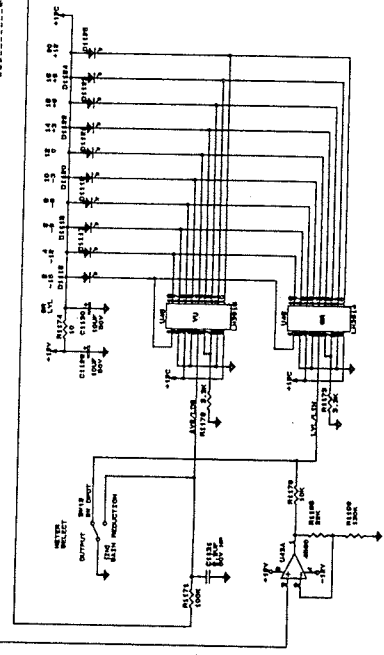
NOTE: ALL RESISTORS IN OHMS, UNLESS OTHERWISE SPECIFIED.

AC VOLTS NETWORK
 AS SHOWN FROM ABOVE
 AS SHOWN FROM ABOVE

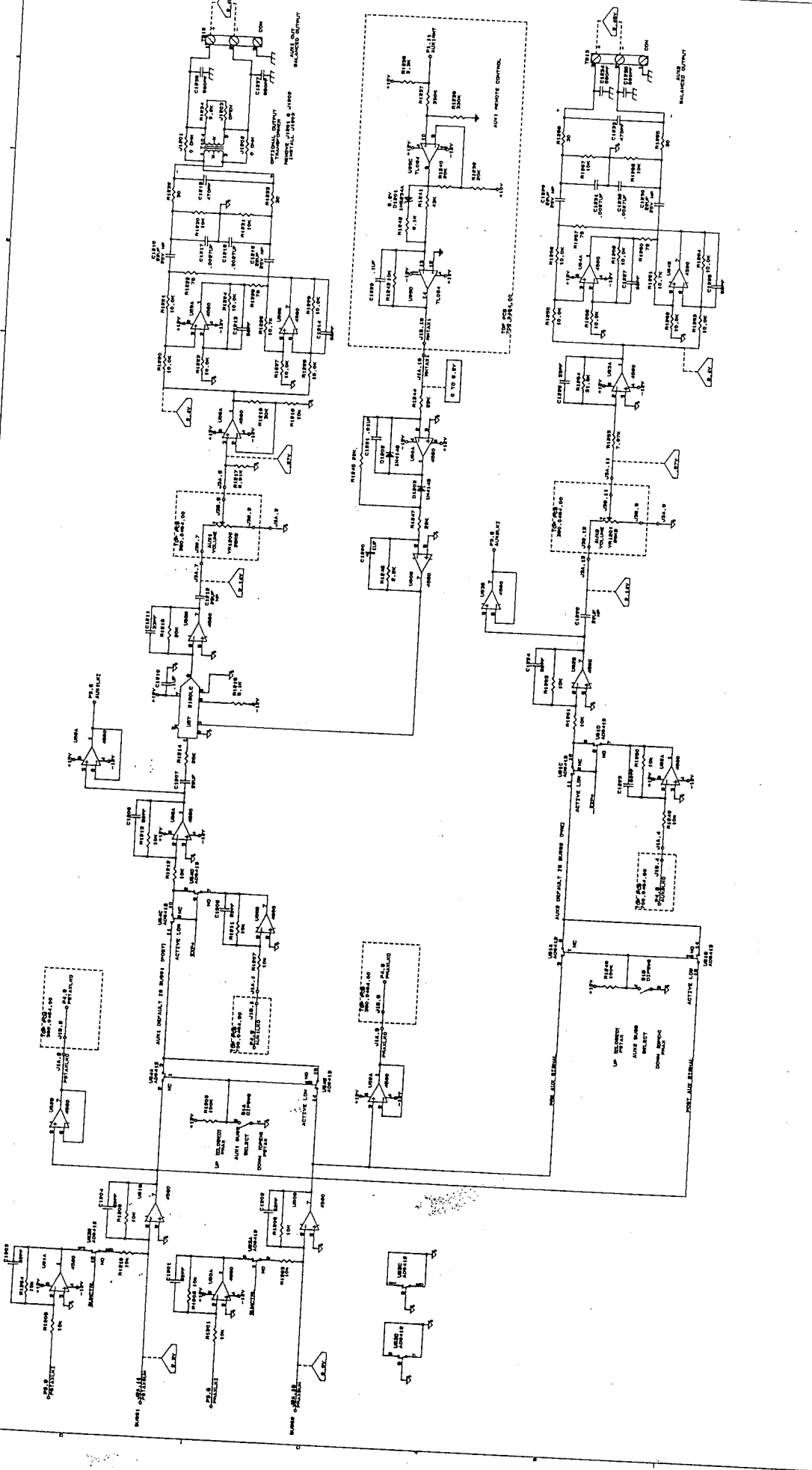


DESIGNED BY:	HECK BARNER
DRAWN BY:	J. L. COMPTON
DATE:	January 24, 1947
SCALE:	1/8" = 1"
SHEET:	1 OF 2
FIG. NO.:	D
FIG. B	

DLA93 MAIN OUTPUT & REMOTE CONTROL



AUTO RELEASE HOLD

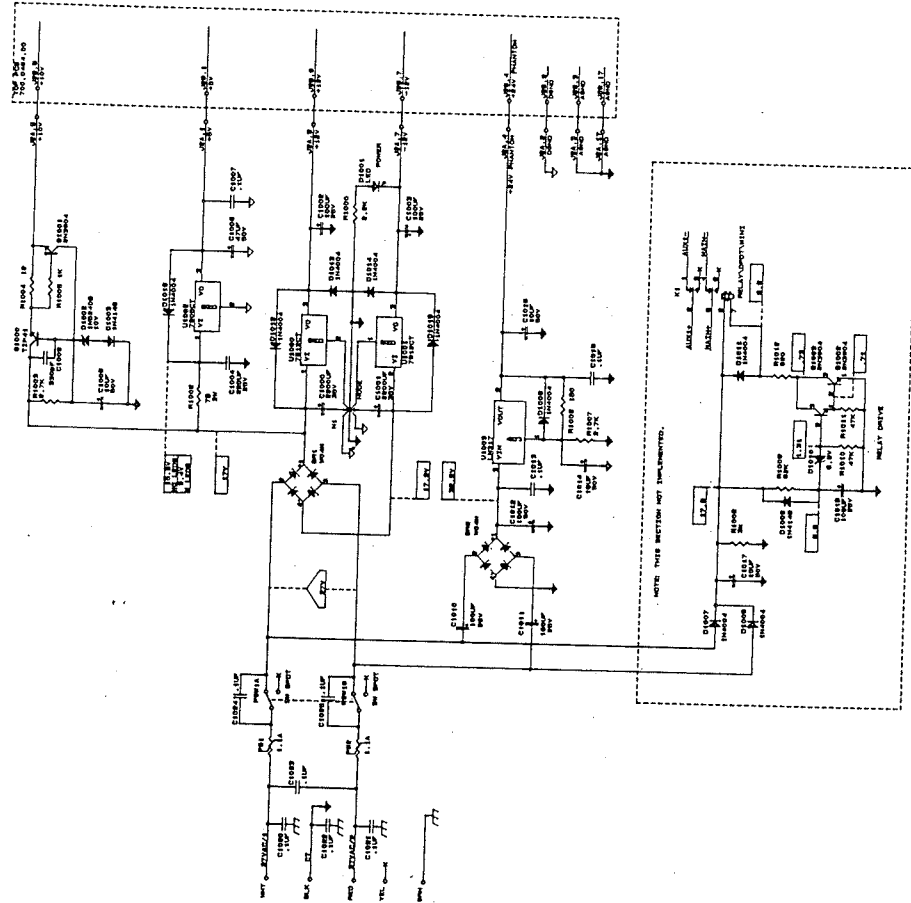


NOTES:
 1. ALL CAPACITORS IN OHMS UNLESS OTHERWISE NOTED
 2. ALL CAPACITORS IN MICROFARADS UNLESS OTHERWISE NOTED

PART OUTLINES:

U1A, U1B, U1C, U1D, U1E, U1F, U1G, U1H, U1I, U1J, U1K, U1L, U1M, U1N, U1O, U1P, U1Q, U1R, U1S, U1T, U1U, U1V, U1W, U1X, U1Y, U1Z
 U2A, U2B, U2C, U2D, U2E, U2F, U2G, U2H, U2I, U2J, U2K, U2L, U2M, U2N, U2O, U2P, U2Q, U2R, U2S, U2T, U2U, U2V, U2W, U2X, U2Y, U2Z
 U3A, U3B, U3C, U3D, U3E, U3F, U3G, U3H, U3I, U3J, U3K, U3L, U3M, U3N, U3O, U3P, U3Q, U3R, U3S, U3T, U3U, U3V, U3W, U3X, U3Y, U3Z
 U4A, U4B, U4C, U4D, U4E, U4F, U4G, U4H, U4I, U4J, U4K, U4L, U4M, U4N, U4O, U4P, U4Q, U4R, U4S, U4T, U4U, U4V, U4W, U4X, U4Y, U4Z
 U5A, U5B, U5C, U5D, U5E, U5F, U5G, U5H, U5I, U5J, U5K, U5L, U5M, U5N, U5O, U5P, U5Q, U5R, U5S, U5T, U5U, U5V, U5W, U5X, U5Y, U5Z
 U6A, U6B, U6C, U6D, U6E, U6F, U6G, U6H, U6I, U6J, U6K, U6L, U6M, U6N, U6O, U6P, U6Q, U6R, U6S, U6T, U6U, U6V, U6W, U6X, U6Y, U6Z
 U7A, U7B, U7C, U7D, U7E, U7F, U7G, U7H, U7I, U7J, U7K, U7L, U7M, U7N, U7O, U7P, U7Q, U7R, U7S, U7T, U7U, U7V, U7W, U7X, U7Y, U7Z
 U8A, U8B, U8C, U8D, U8E, U8F, U8G, U8H, U8I, U8J, U8K, U8L, U8M, U8N, U8O, U8P, U8Q, U8R, U8S, U8T, U8U, U8V, U8W, U8X, U8Y, U8Z
 U9A, U9B, U9C, U9D, U9E, U9F, U9G, U9H, U9I, U9J, U9K, U9L, U9M, U9N, U9O, U9P, U9Q, U9R, U9S, U9T, U9U, U9V, U9W, U9X, U9Y, U9Z
 U10A, U10B, U10C, U10D, U10E, U10F, U10G, U10H, U10I, U10J, U10K, U10L, U10M, U10N, U10O, U10P, U10Q, U10R, U10S, U10T, U10U, U10V, U10W, U10X, U10Y, U10Z
 U11A, U11B, U11C, U11D, U11E, U11F, U11G, U11H, U11I, U11J, U11K, U11L, U11M, U11N, U11O, U11P, U11Q, U11R, U11S, U11T, U11U, U11V, U11W, U11X, U11Y, U11Z
 U12A, U12B, U12C, U12D, U12E, U12F, U12G, U12H, U12I, U12J, U12K, U12L, U12M, U12N, U12O, U12P, U12Q, U12R, U12S, U12T, U12U, U12V, U12W, U12X, U12Y, U12Z
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DESIGNED BY:	ALAN SHAW
CHECKED BY:	ALAN SHAW
APPROVED BY:	RICK GALAZA
DATE:	1987
SCALE:	1:1
DLA93	
AUX OUTS & REMOTE CONTROL	
REV:	1



NOTE:
 THE POWER CONSUMPTION OF THIS UNIT
 REQUIRES THE USE OF TRANSFORMER #293,003B,10
 OR #294,003B,10 OR #295,003B,10 TRANSFORMER.
 DO NOT USE WITH 1.5A TRANSFORMERS.

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

CLASS: POWER SUPPLY

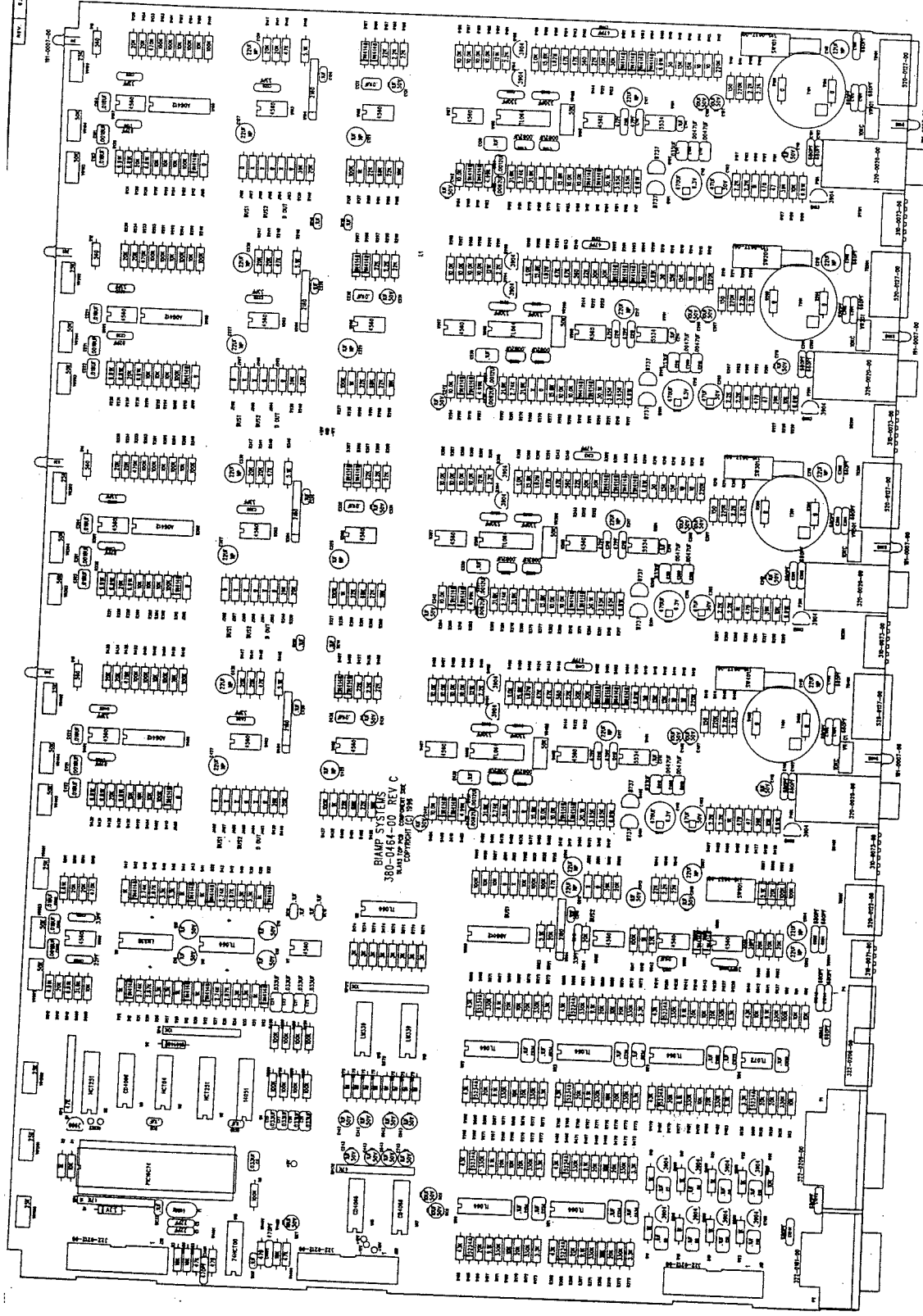
DATE: 22 JUN 58

NOTES:
 1. ALL WIREWORK IS DONE AS SHOWN.
 2. ALL WIREWORK IS TO BE DONE IN ACCORDANCE WITH THE WIREMAN'S MANUAL.

NO. VOLTAGE BETWEEN
 OF POINTS IN CIRCLES

SCHEMATIC SYMBOLS

- PART OUTLINES
- TRANSISTOR
 - DIODE
 - RESISTOR
 - INDUCTOR
 - CAPACITOR
 - RELAY
 - SOLENOID
 - RELAY DRIVE
- TOP VIEW
 BOTTOM VIEW

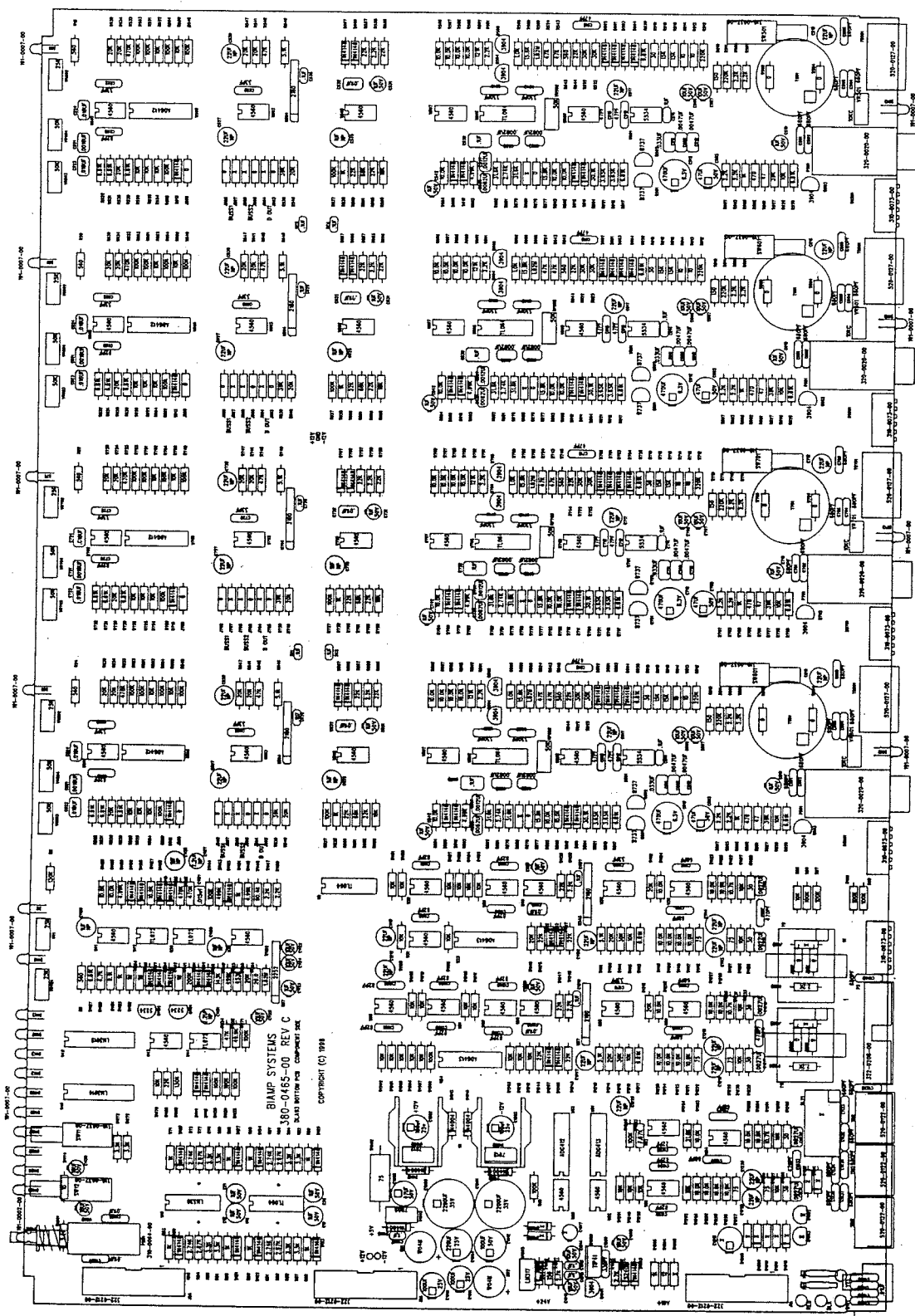


Sheet 1 of 3: Structures
 300-0464-00 REV C
 DL493 Top PCB

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

BIAMP SYSTEMS, INC.	
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
PROJECT NO.	REV.
TITLE	DATE
BIAMP SYSTEMS, INC. 1430 N.W. SCIENCE PARK DRIVE PORTLAND, OREGON 97229 (503) 641-7287	

DL493 TOP PCB
 COMPONENT LAYOUT
 300-0464-00



biamp BIAMP SYSTEMS, INC. 80-0465-00 REV C DATA INTERFACE COMPONENT LAYOUT		PROJECT: 80-0465-00 DRAWING: 80-0465-00 SHEET: 1 OF 3
DESIGNED BY: [] CHECKED BY: [] APPROVED BY: []	DATE: [] SCALE: 3:2 SHEET: 1 OF 3	BIAMP SYSTEMS, INC. 80-0465-00 REV C DATA INTERFACE COMPONENT LAYOUT

A B C D E