



# APPENDIX F REFERENCE SCHEMATICS

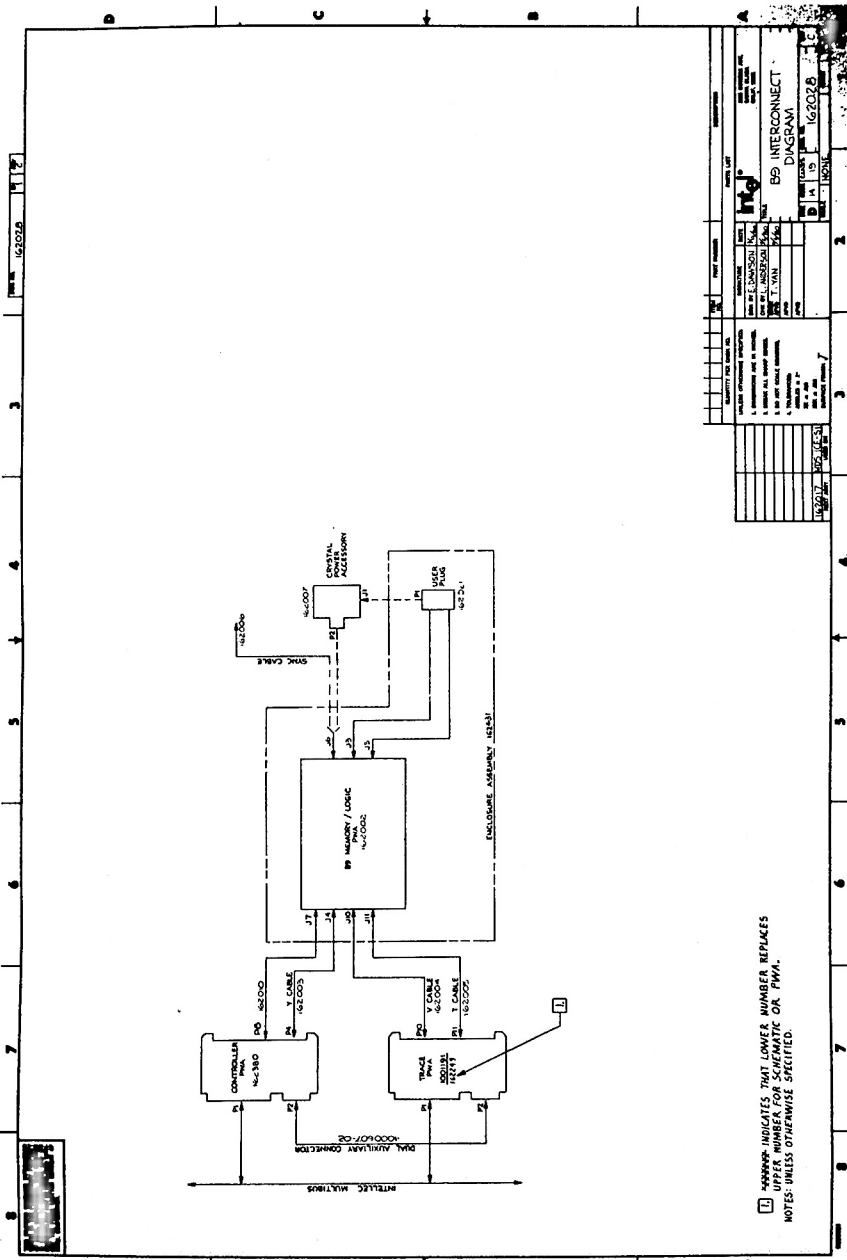
This appendix contains the following schematic drawings, for user reference:

| TITLE   | NUMBER |
|---|--------|
| Interconnect Diagram (2 sheets) .....             | 162028 |
| B8 Controller Schematic (7 sheets) .....          | 162407 |
| Trace Board Schematic (6 sheets) .....            | 162379 |
| B9 Memory/Logic Schematic (6 sheets) .....        | 162000 |
| User Plug Schematic (1 sheet) .....               | 162018 |
| Crystal Power Accessory Schematic (1 sheet) ..... | 162009 |

## NOTE

The documents in this appendix are for general reference only.



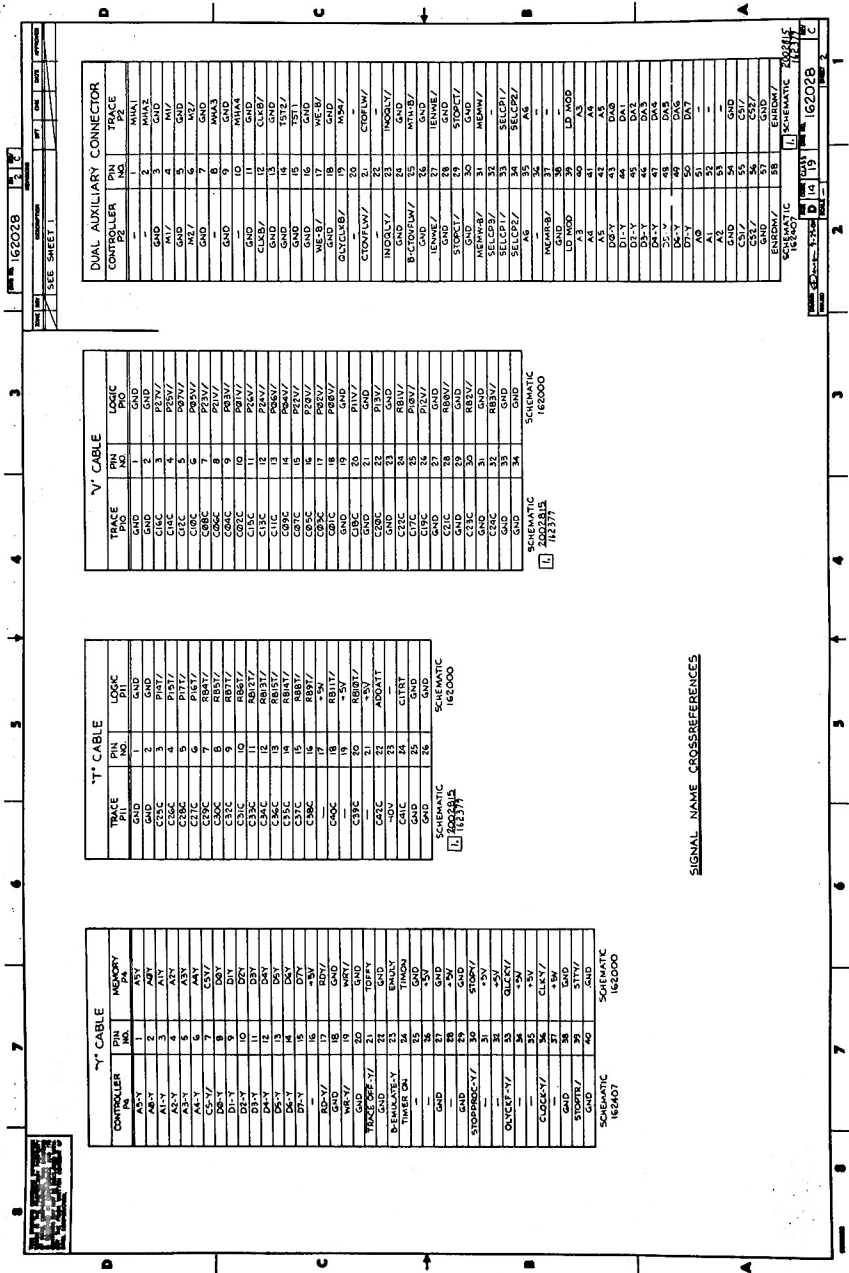


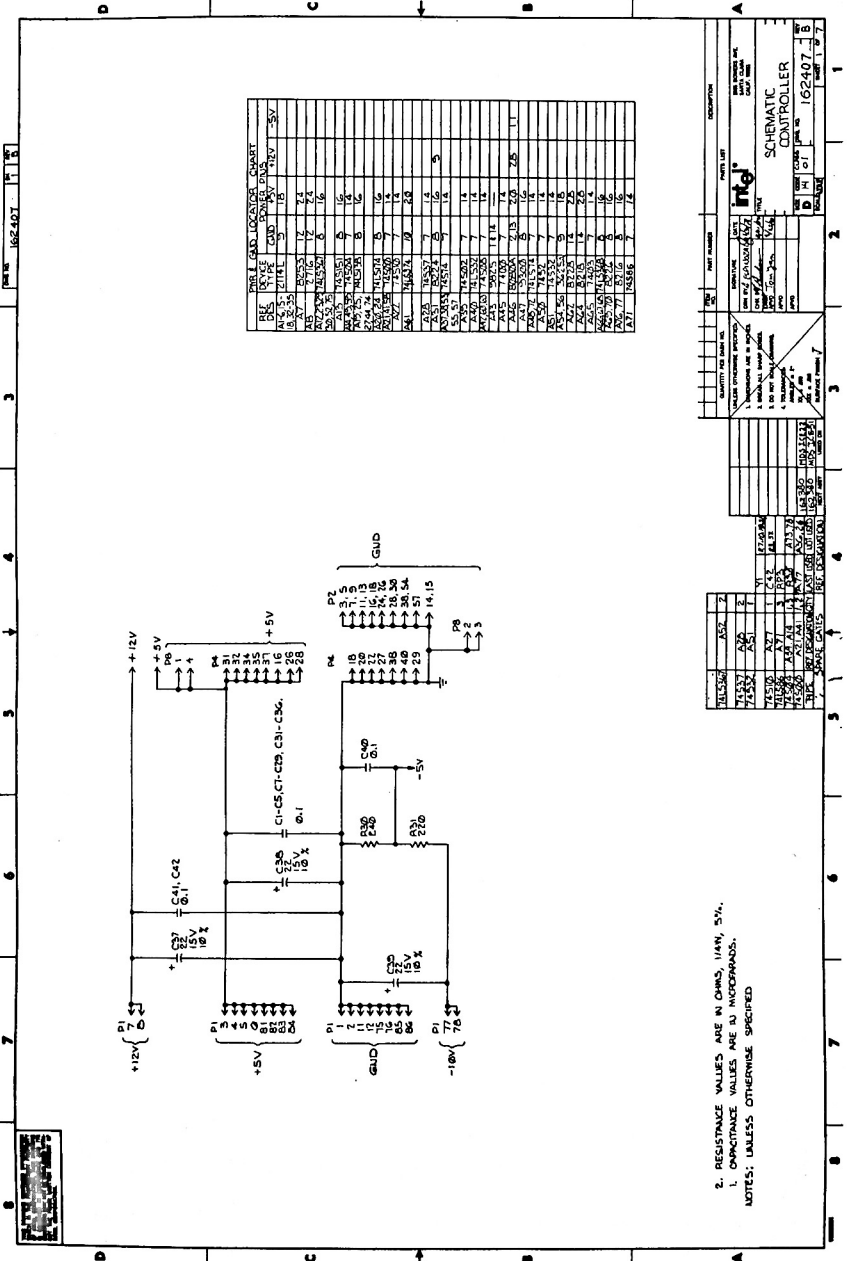
| REVISIONS |                        |        | DATE |             |    |
|-----------|------------------------|--------|------|-------------|----|
| NO.       | DESCRIPTION            | BY     | NO.  | DESCRIPTION | BY |
| 1         | ISSUED FOR FABRICATION | J. WIN |      |             |    |
| 2         | ISSUED FOR FABRICATION | J. WIN |      |             |    |
| 3         | ISSUED FOR FABRICATION | J. WIN |      |             |    |
| 4         | ISSUED FOR FABRICATION | J. WIN |      |             |    |
| 5         | ISSUED FOR FABRICATION | J. WIN |      |             |    |
| 6         | ISSUED FOR FABRICATION | J. WIN |      |             |    |
| 7         | ISSUED FOR FABRICATION | J. WIN |      |             |    |

**APPROVED FOR FABRICATION**  
 NAME: J. WIN  
 TITLE: DESIGNER  
 DATE: 10/20/68  
 PART NO.: 16-30028

**UNLESS INDICATED, THIS LOWER NUMBER REPLACES UPPER NUMBER OR SCHEMATIC OR TYP.**  
 NOTES: UNLESS OTHERWISE SPECIFIED.

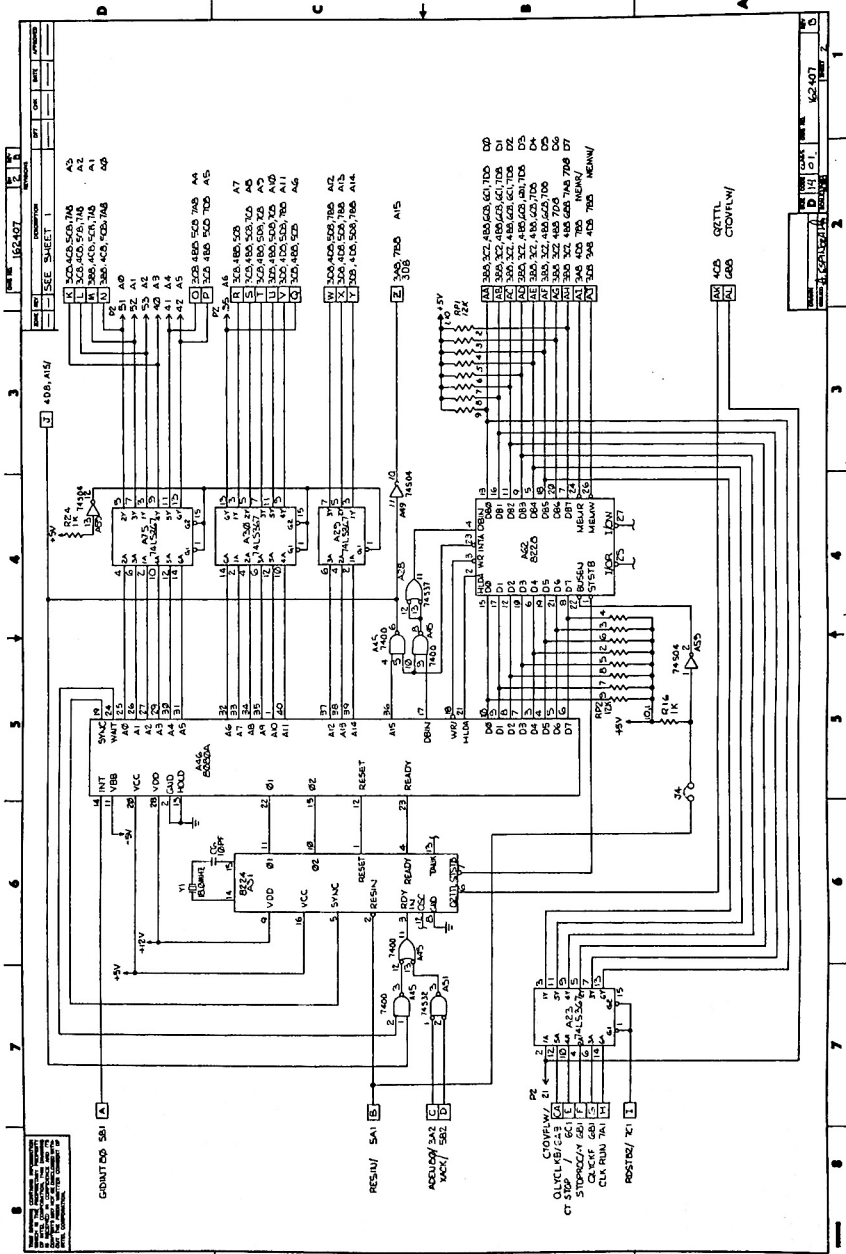
Interconnect Diagram (Sheet 1 of 2)



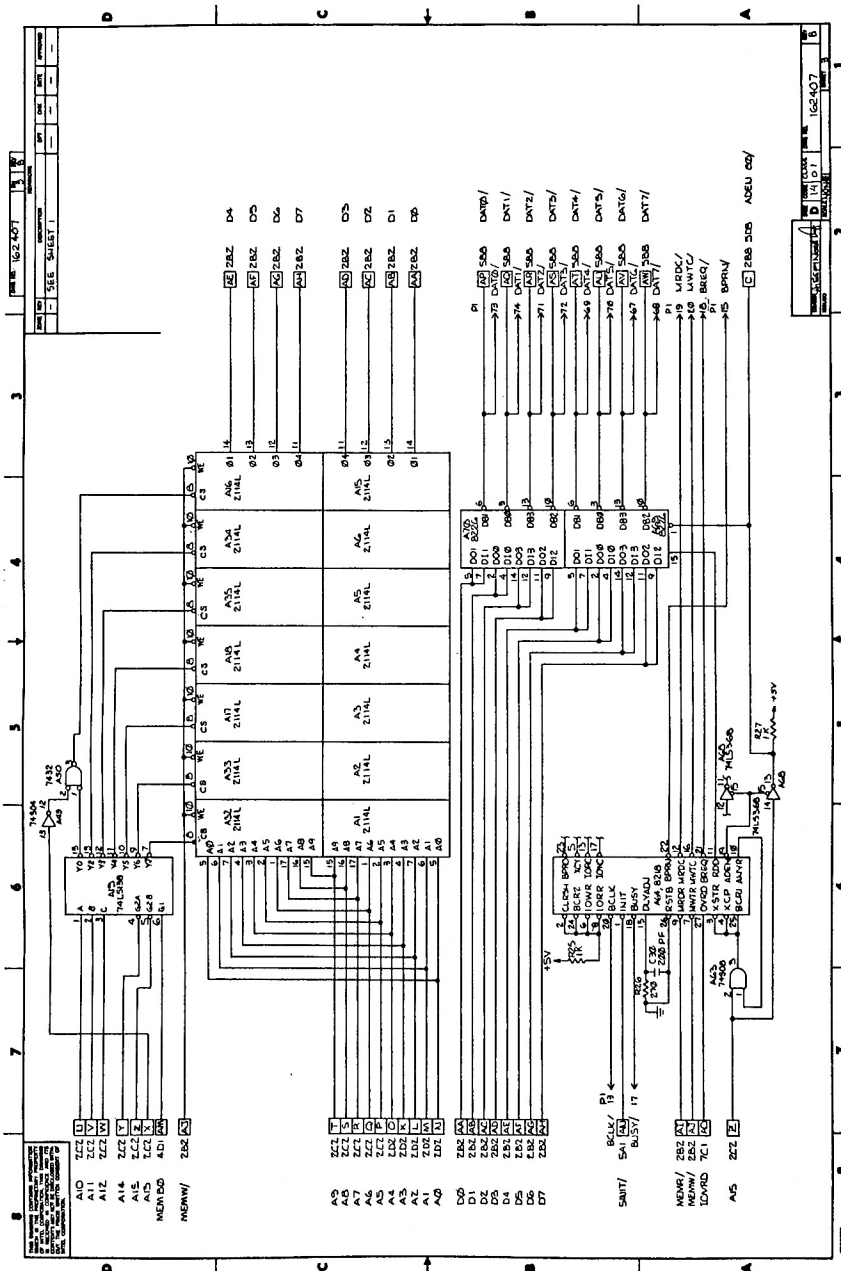


2. RESISTANCE VALUES ARE IN OHMS, 1/4W, 5%.  
 1. CAPACITANCE VALUES ARE IN MICROFARADS.  
 NOTES: UNLESS OTHERWISE SPECIFIED

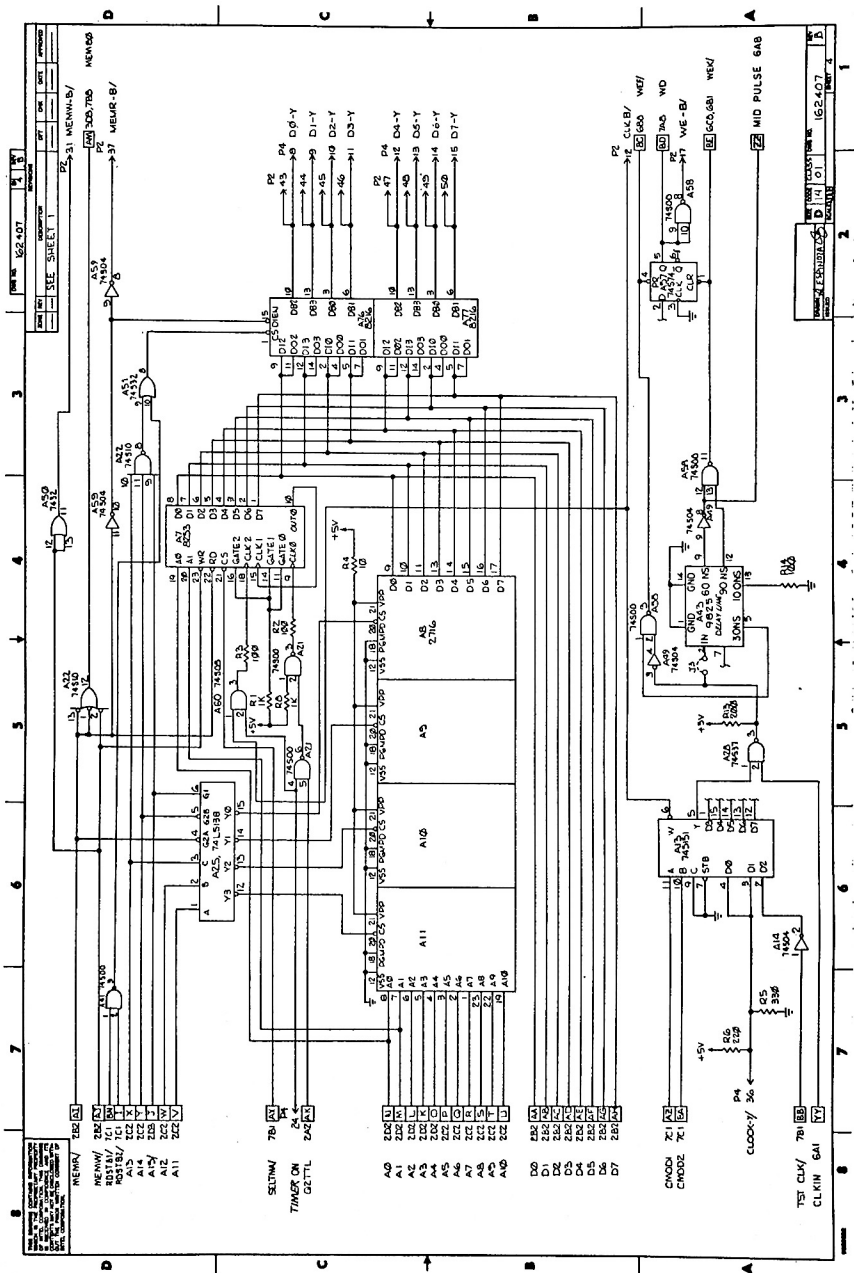
B8 Controller Schematic (Sheet 1 of 7)



B8 Controller Schematic (Sheet 2 of 7)

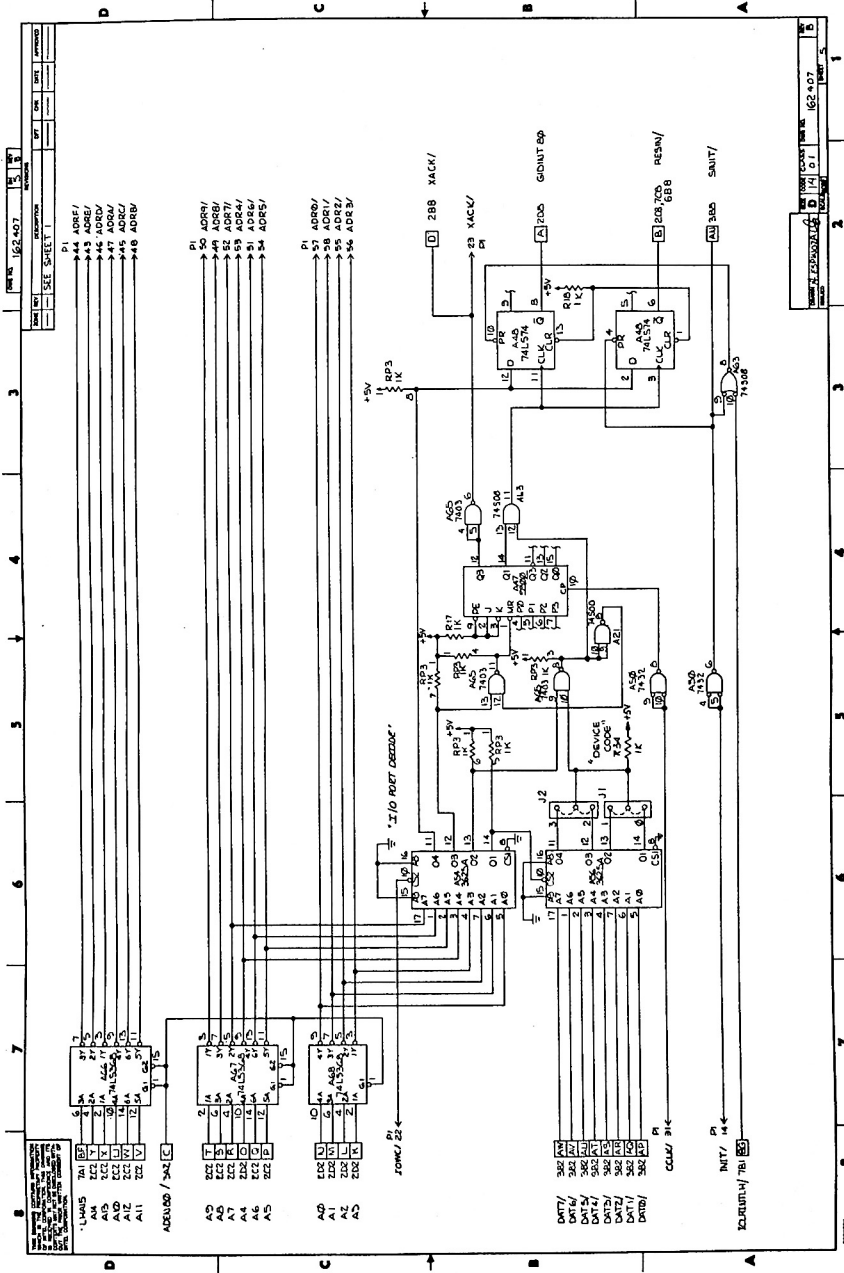


B8 Controller Schematic (Sheet 3 of 7)



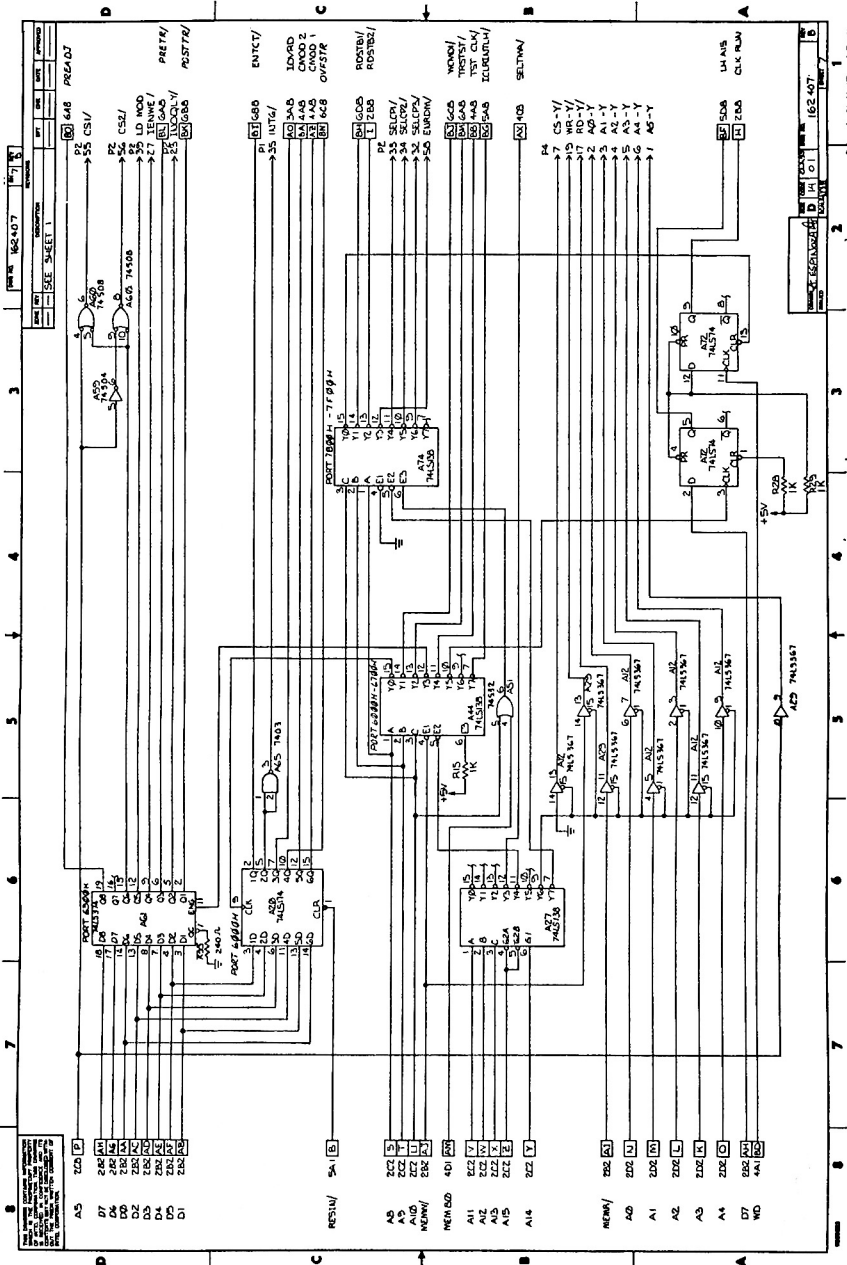
B8 Controller Schematic (Sheet 4 of 7)



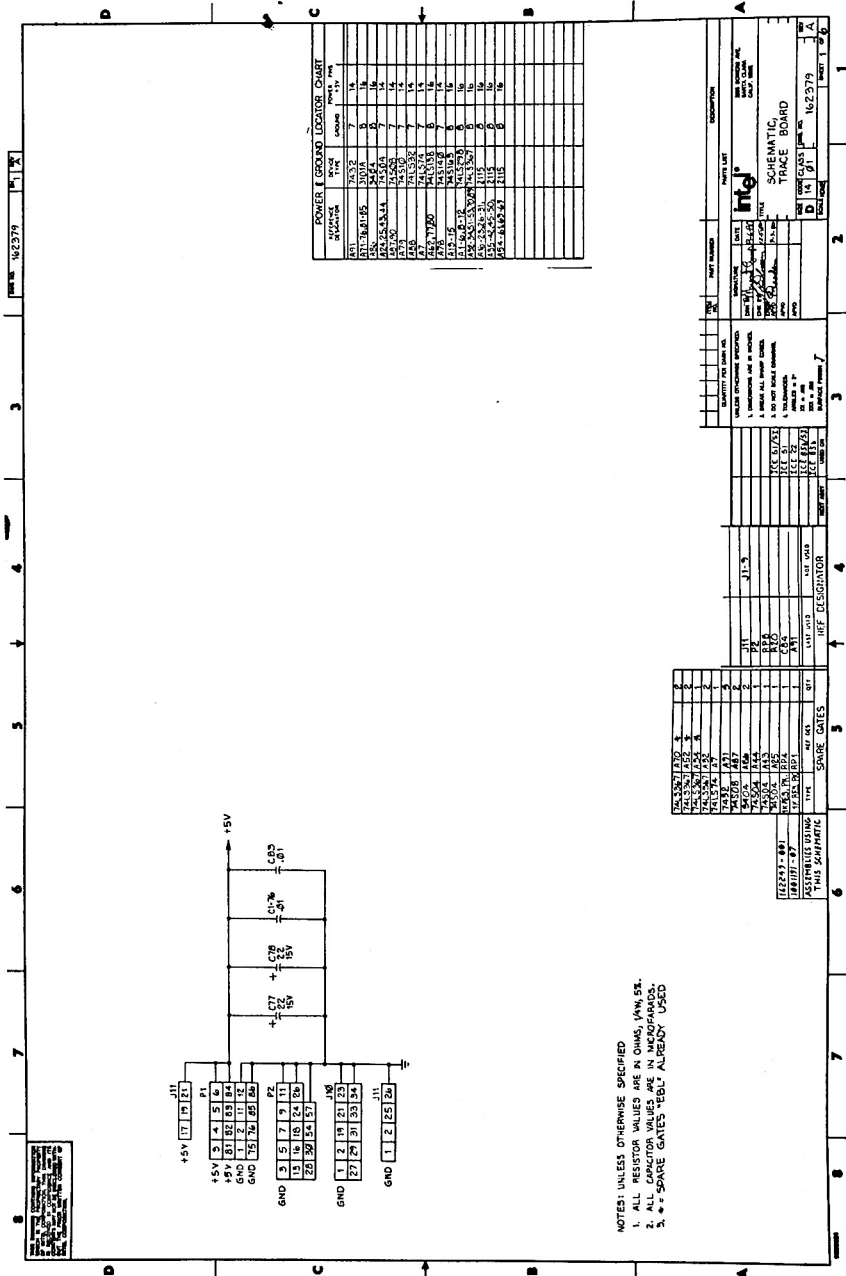


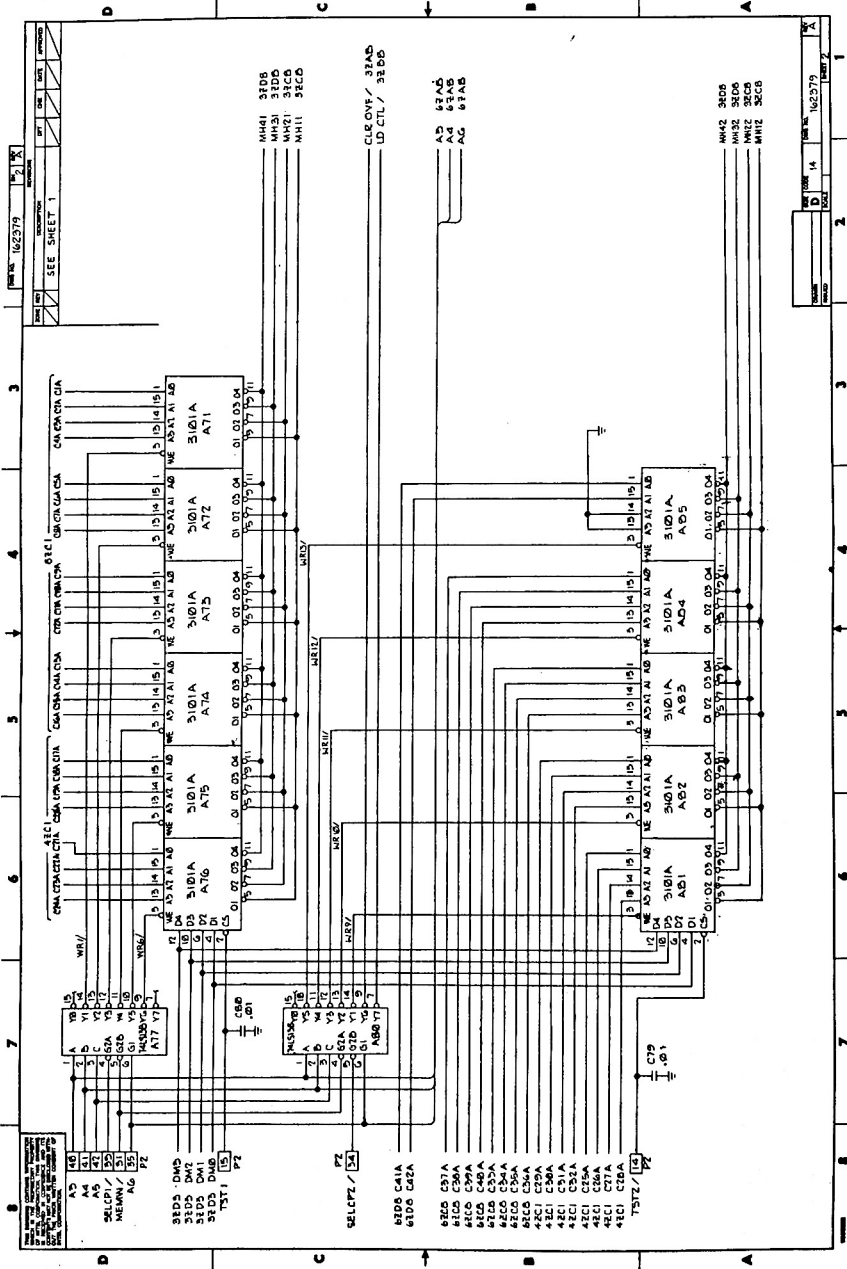
B8 Controller Schematic (Sheet 5 of 7)



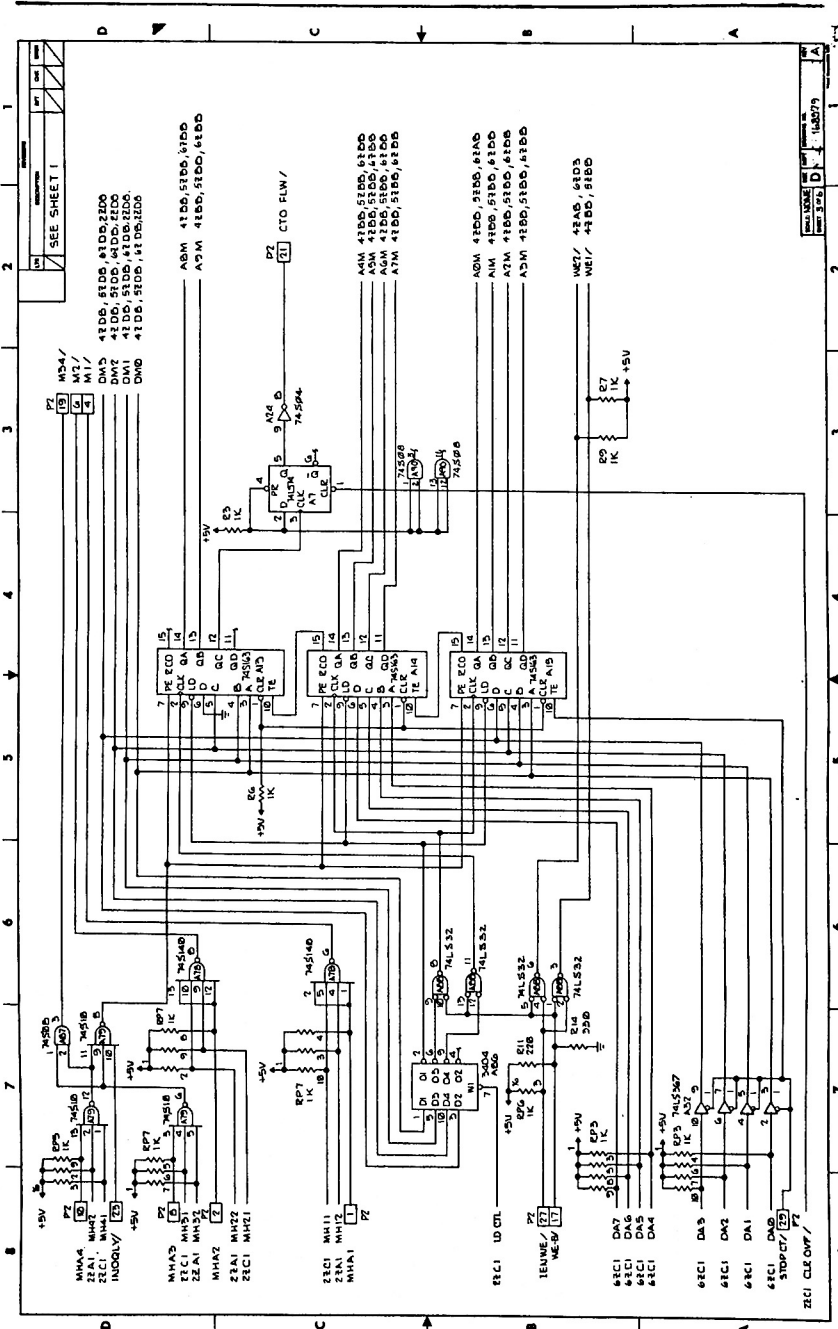


B8 Controller Schematic (Sheet 7 of 7)

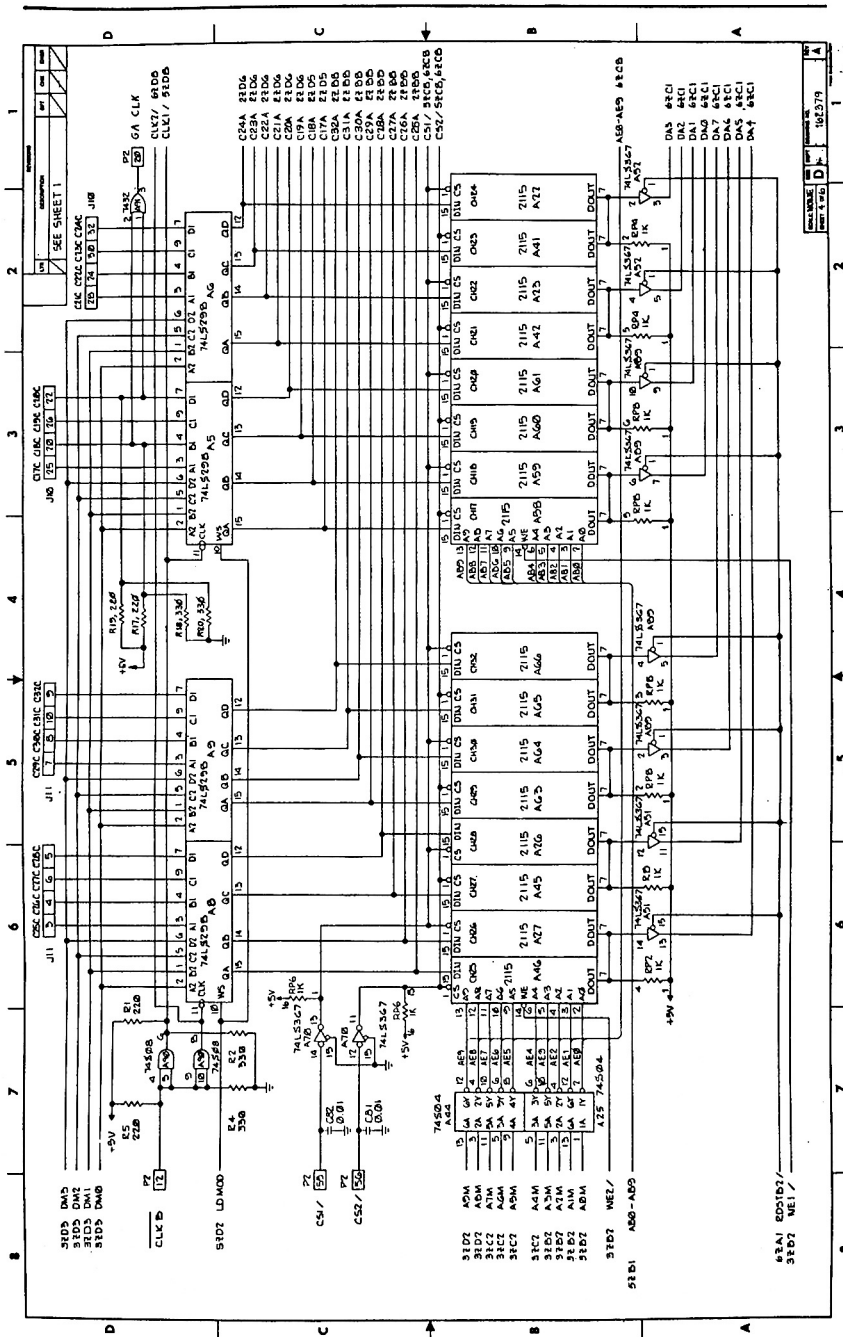




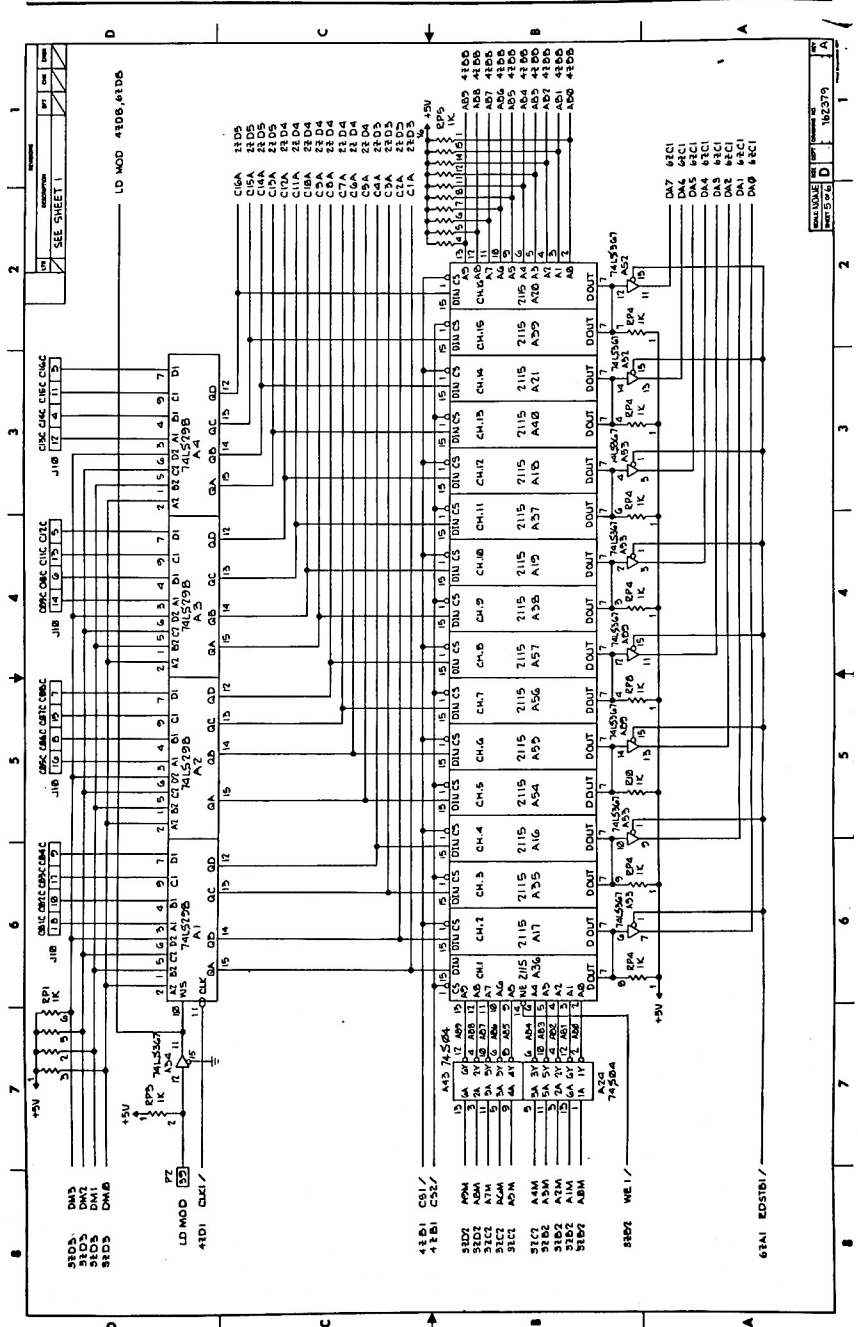
Trace Board Schematic (Sheet 2 of 6)



Trace Board Schematic (Sheet 3 of 6)

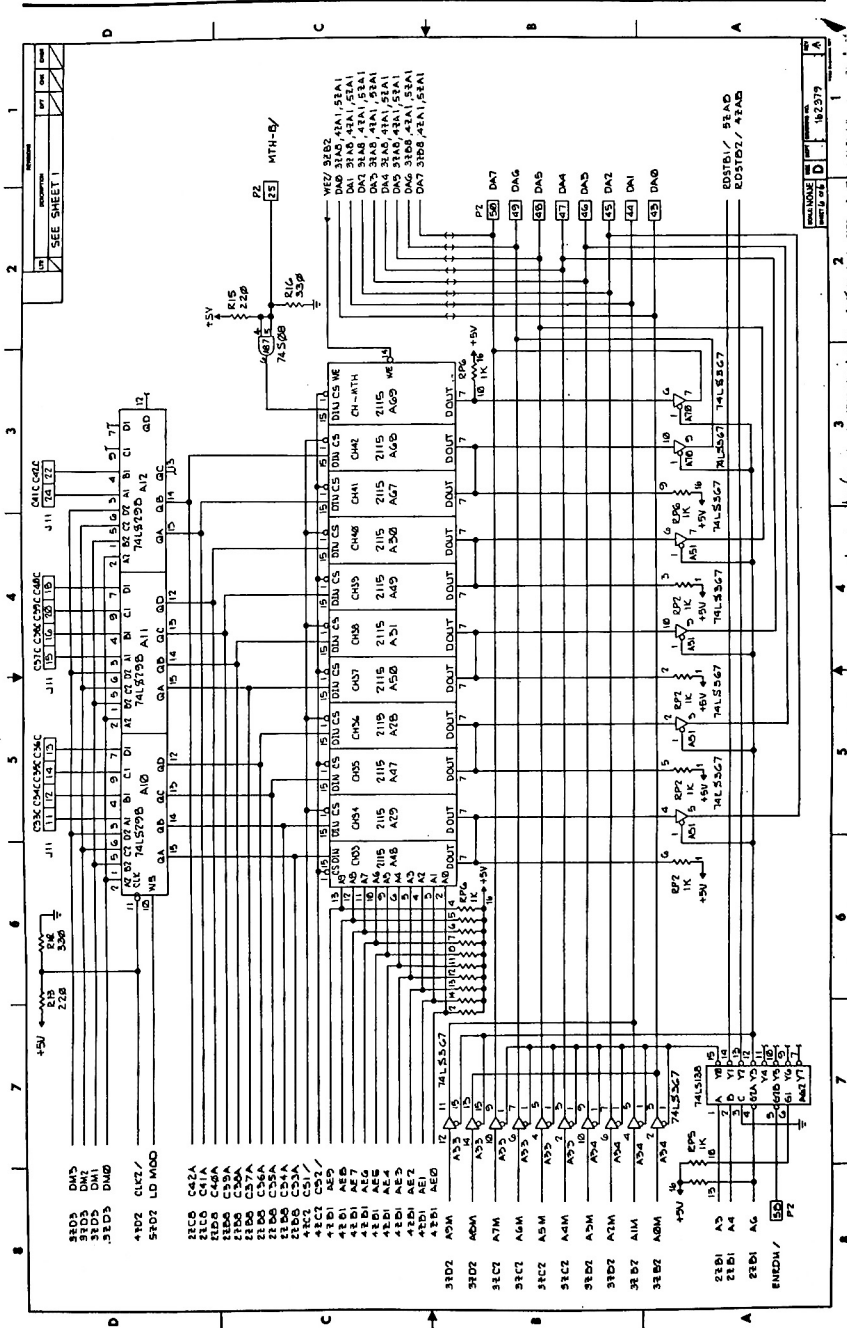


Trace Board Schematic (Sheet 4 of 6)

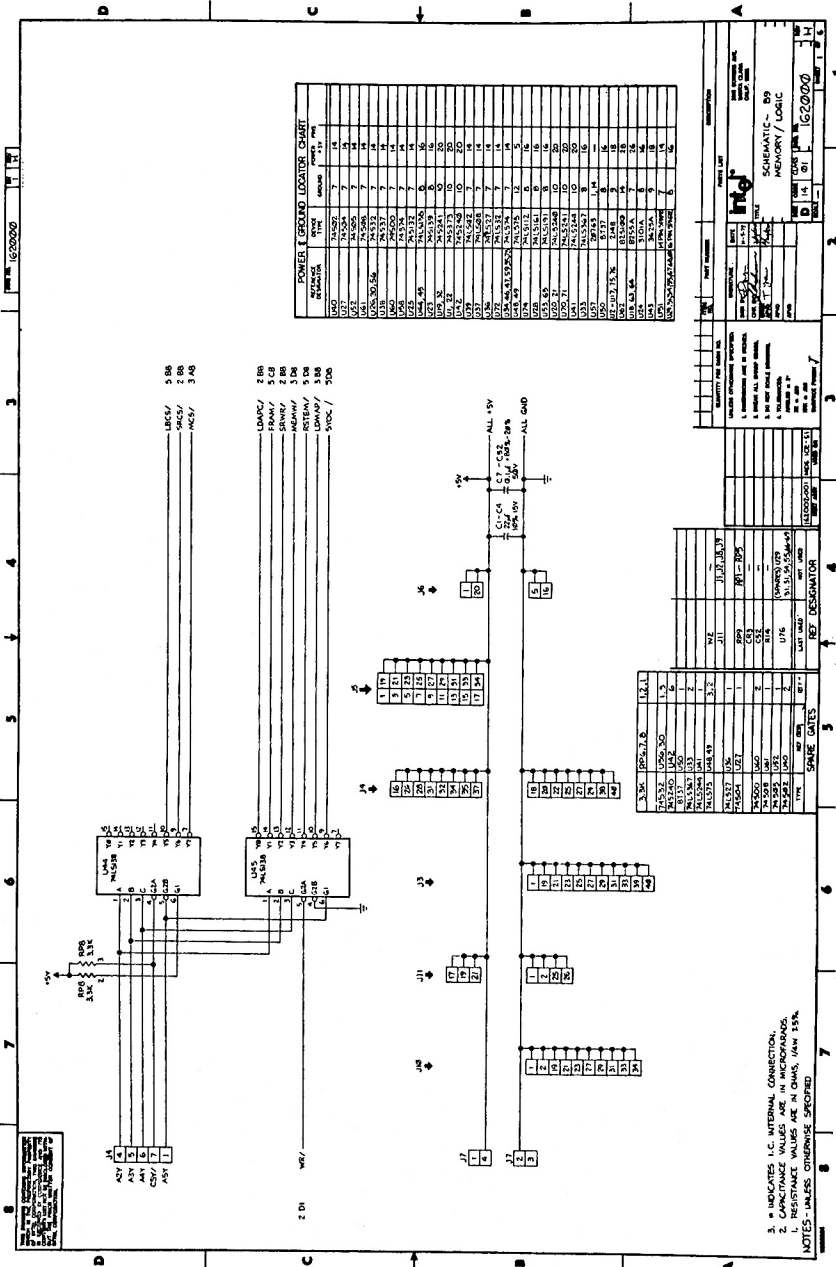


Trace Board Schematic (Sheet 5 of 6)



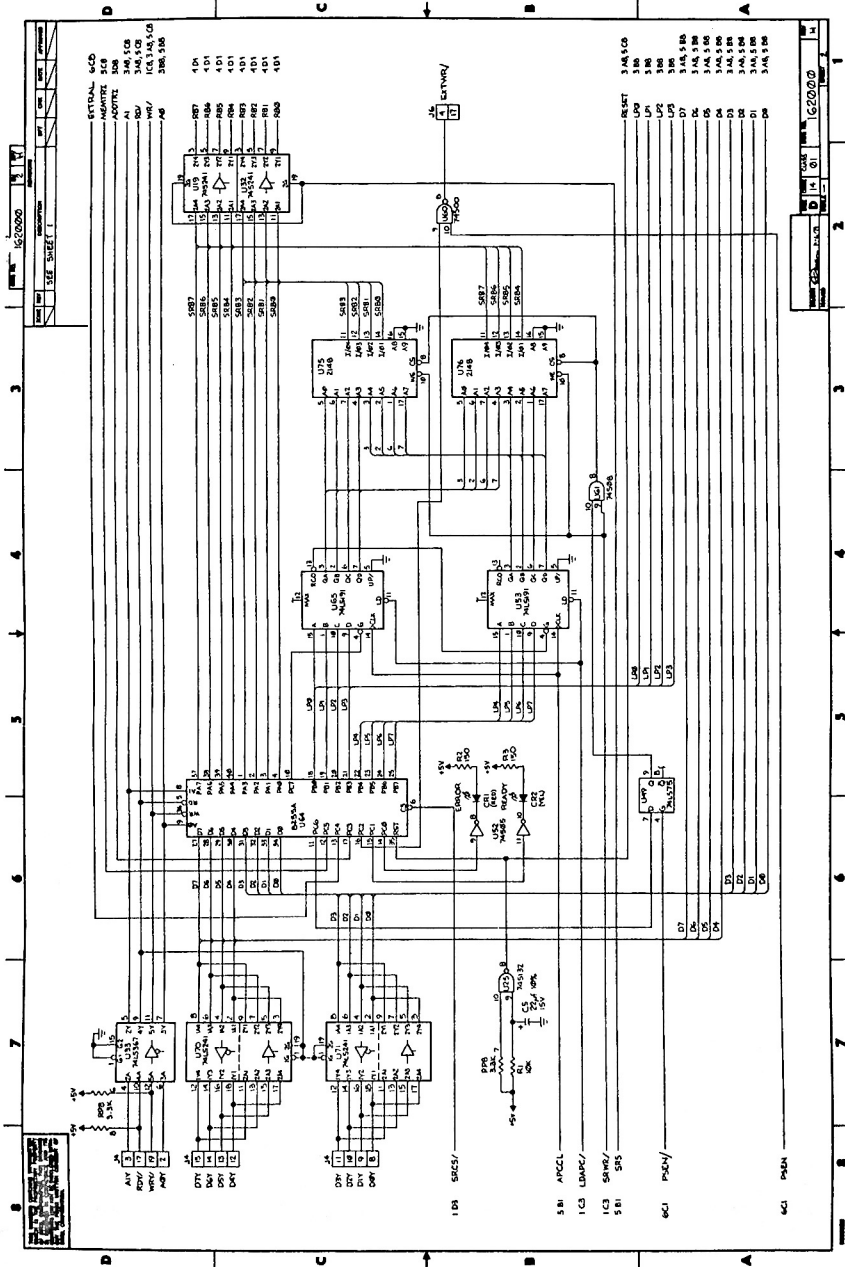


Trace Board Schematic (Sheet 6 of 6)

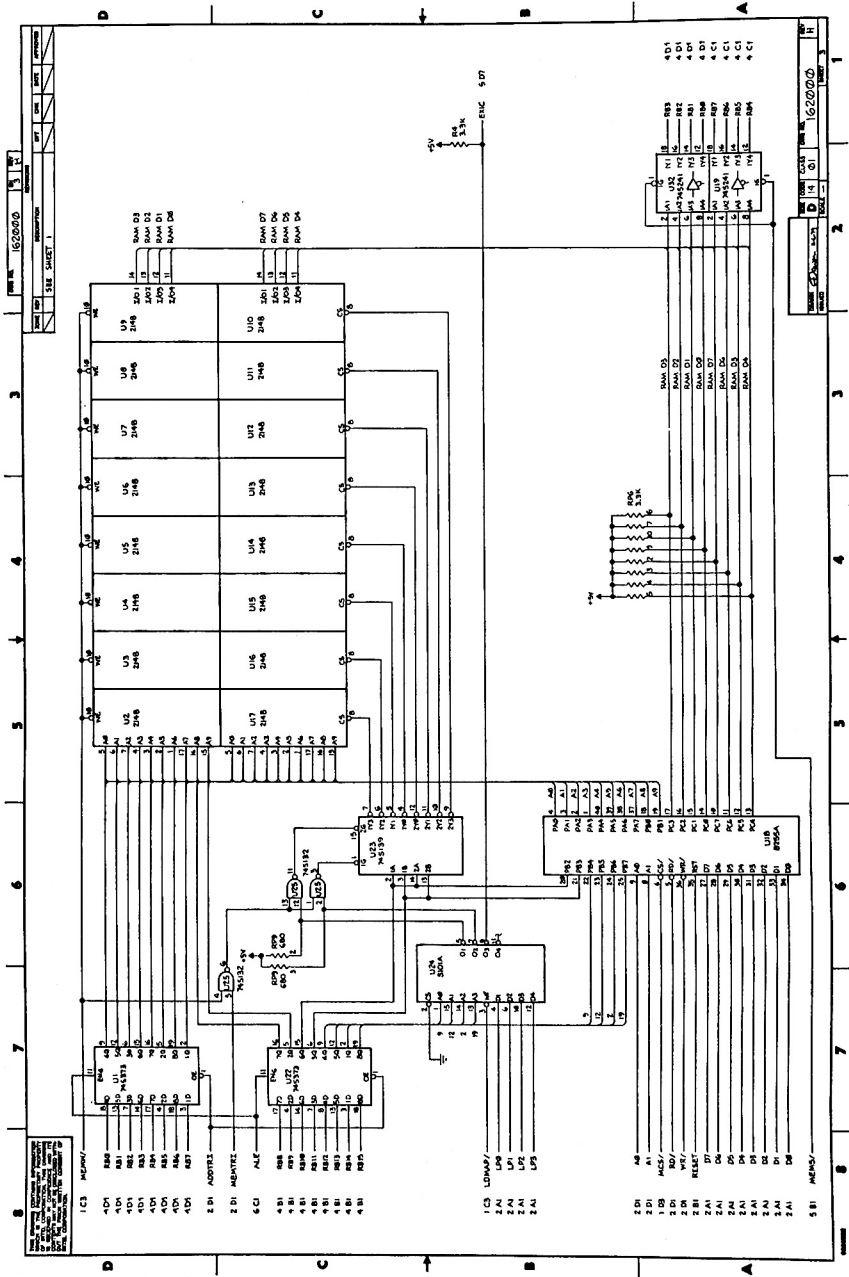


B9 Memory/Logic Schematic (Sheet 1 of 6)

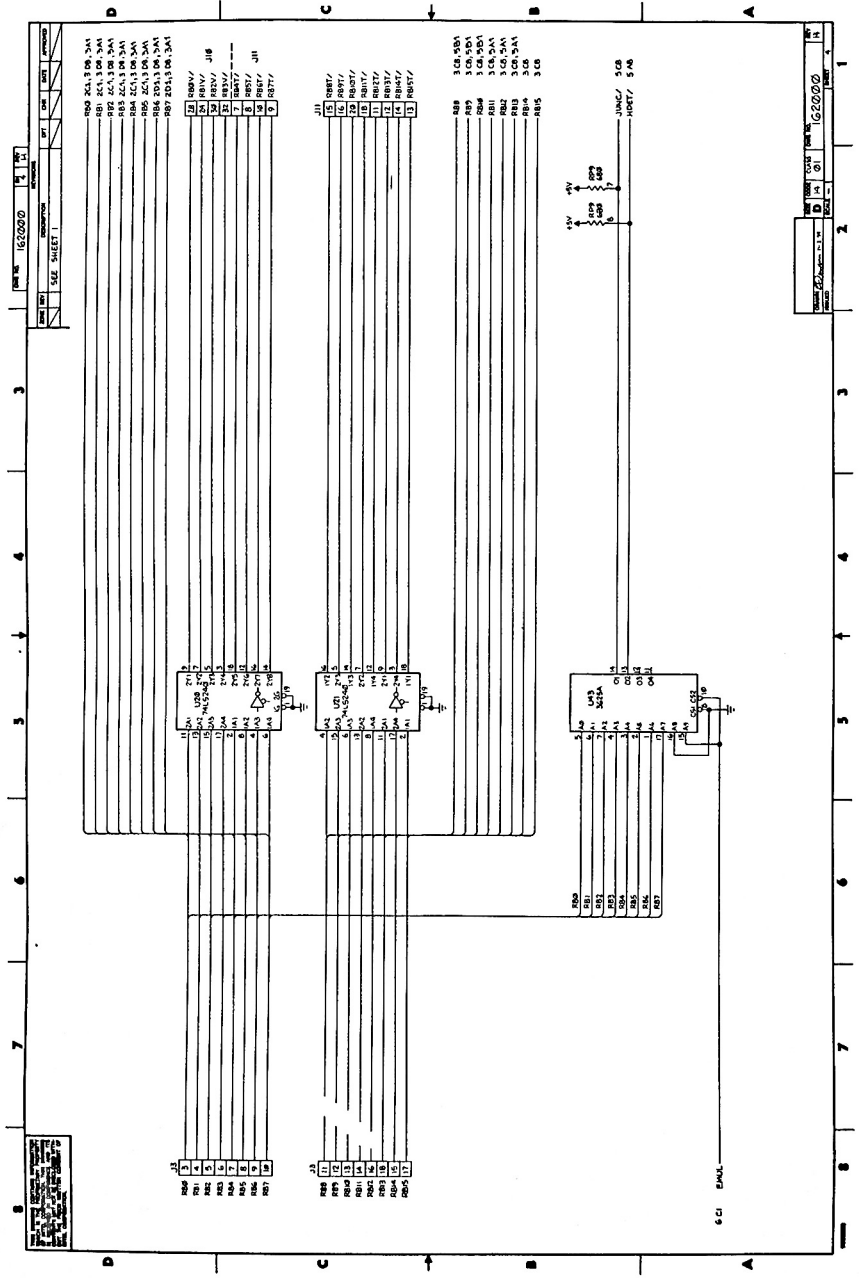
3. # INDICATES I.C. INTERNAL CONNECTION.  
 4. RESISTANCE VALUES ARE IN OHMS, UNLESS NOTED.  
 NOTES - UNLESS OTHERWISE SPECIFIED



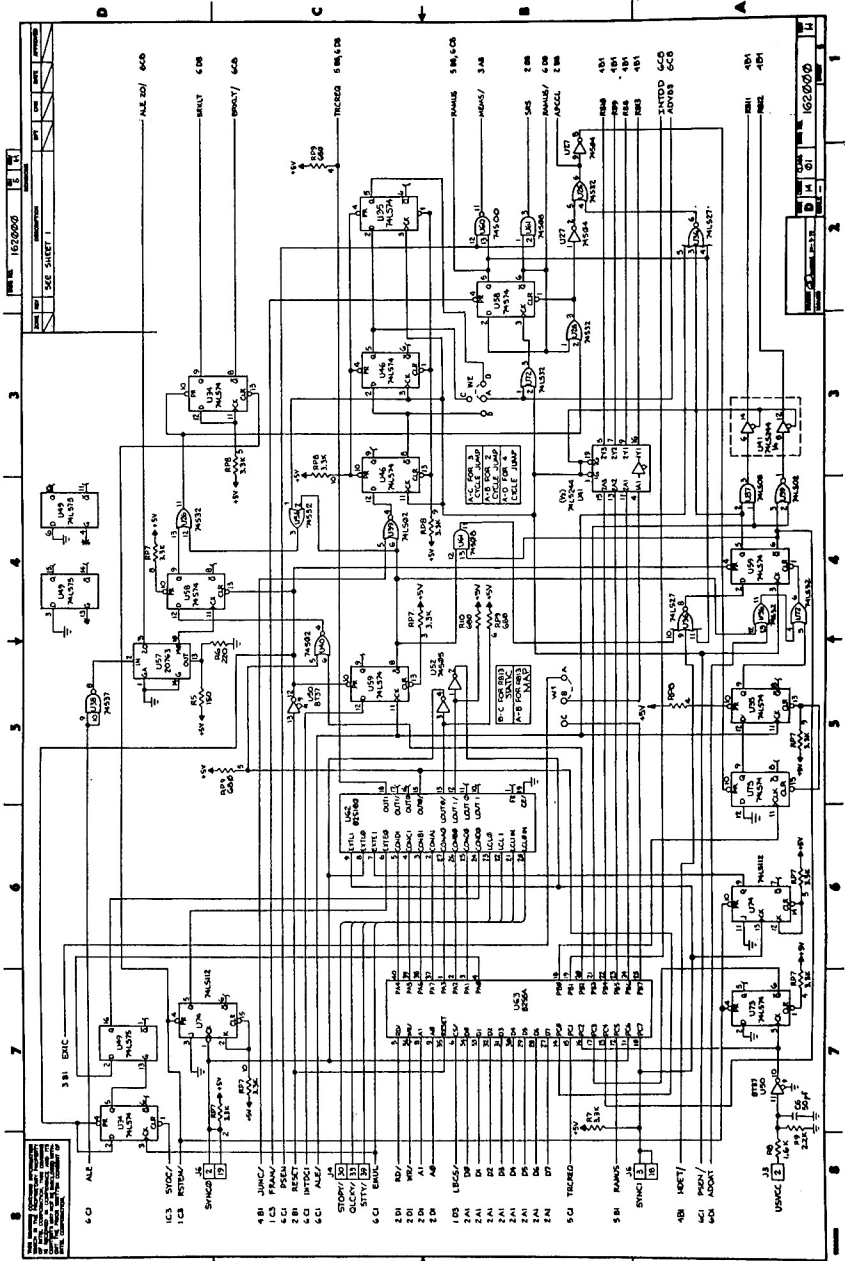
B9 Memory/Logic Schematic (Sheet 2 of 6)



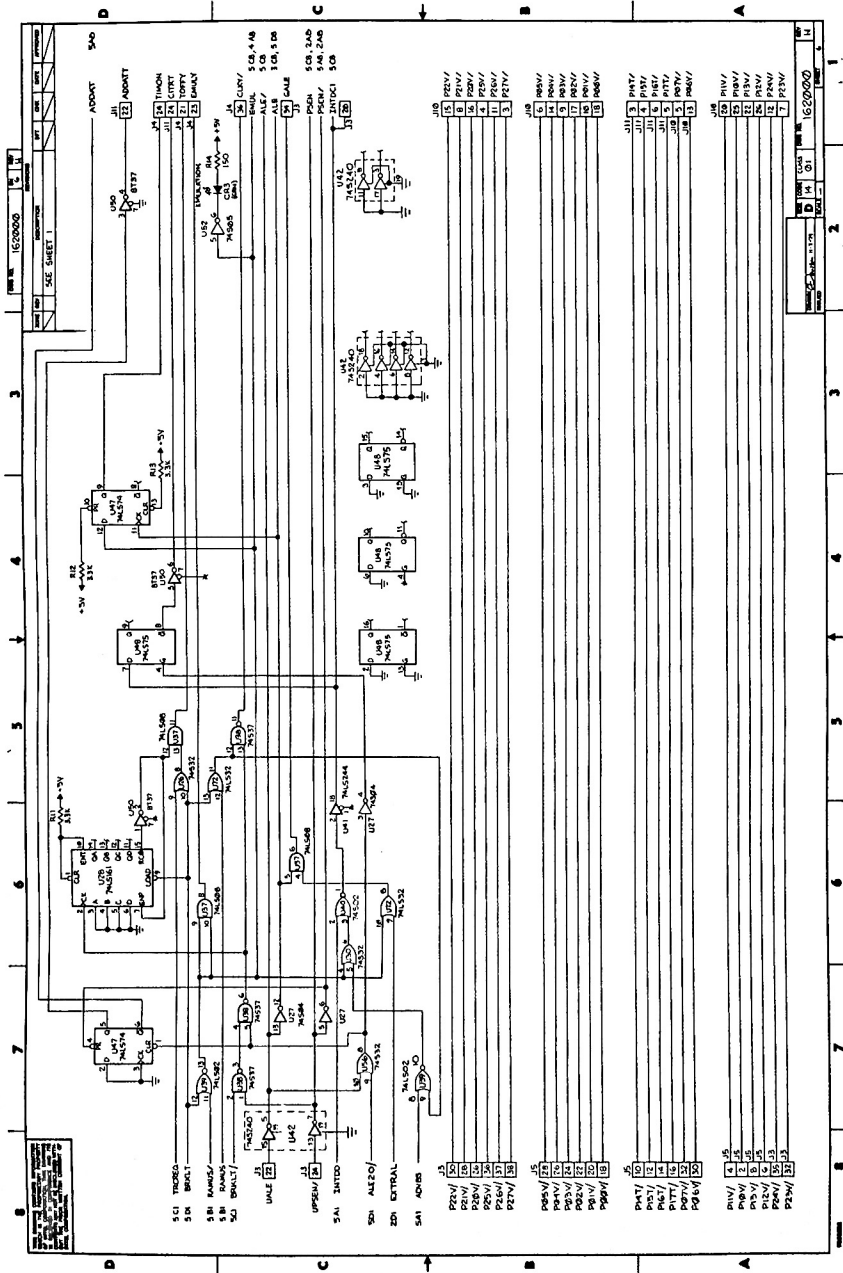
B9 Memory/Logic Schematic (Sheet 3 of 6)



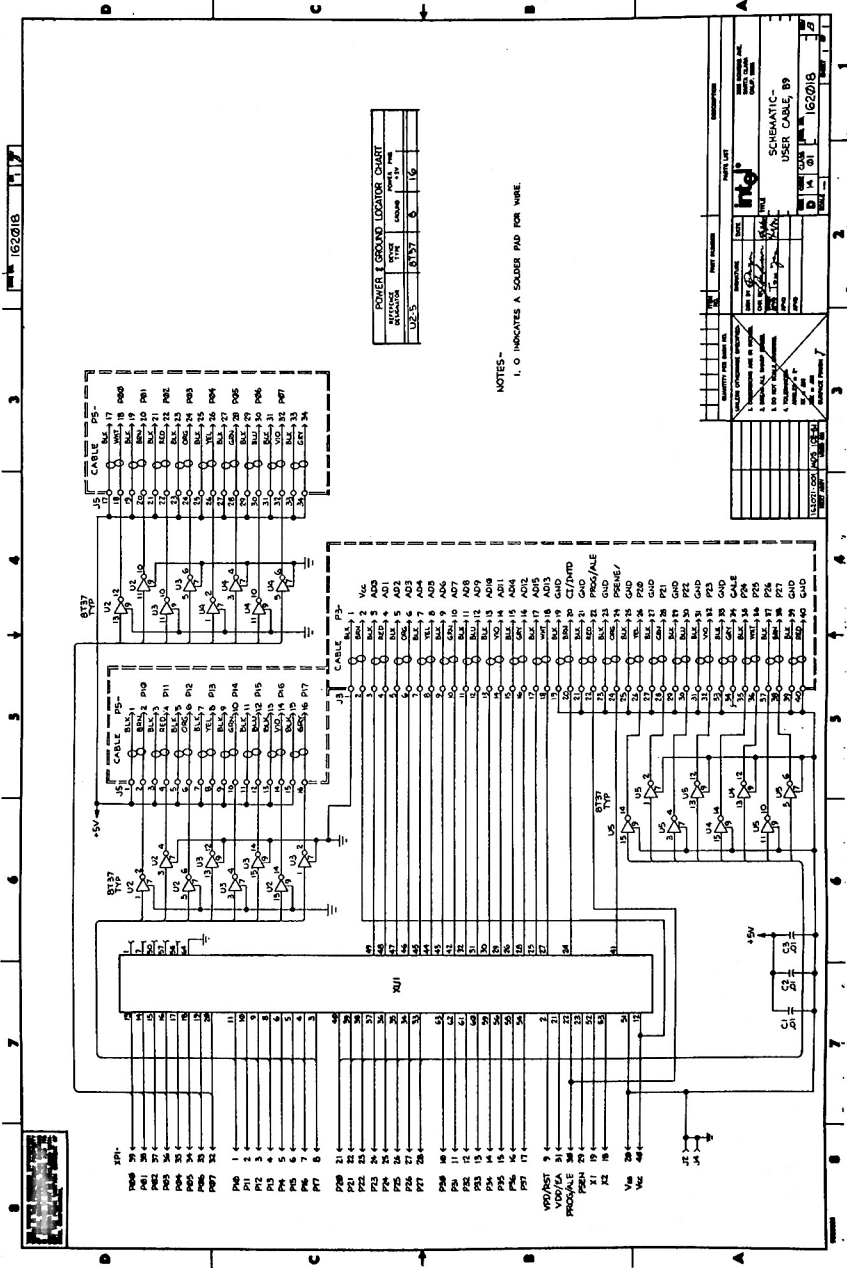
B9 Memory/Logic Schematic (Sheet 4 of 6)



B9 Memory/Logic Schematic (Sheet 5 of 6)



B9 Memory/Logic Schematic (Sheet 6 of 6)



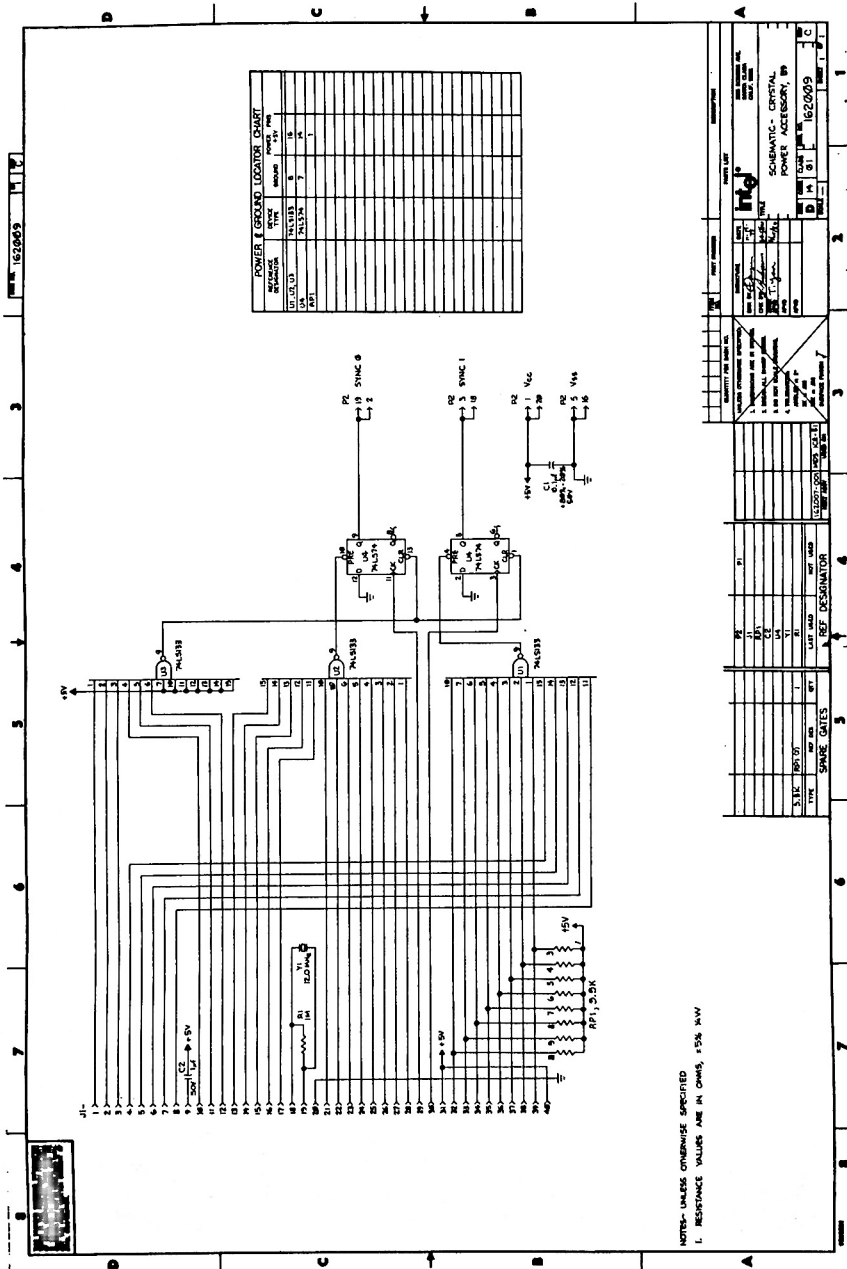
| POWER & GROUND LOCATOR CHART |       |      |     |
|------------------------------|-------|------|-----|
| PLUG                         | TYPE  | WIRE | NO. |
| U2-5                         | 61337 | 6    | 16  |

NOTES-  
1. O INDICATES A SOLDER PAD FOR WIRE.

|                             |        |
|-----------------------------|--------|
| DATE                        | 162018 |
| DESIGNED BY                 | 61337  |
| CHECKED BY                  | 61337  |
| APPROVED BY                 | 61337  |
| TESTED BY                   | 61337  |
| WIRE LIST                   |        |
| SCHEMATIC-<br>USER CABLE B9 |        |
| DATE                        | 162018 |
| DESIGNED BY                 | 61337  |
| CHECKED BY                  | 61337  |
| APPROVED BY                 | 61337  |
| TESTED BY                   | 61337  |

User Plug Schematic





Crystal Power Accessory Schematic

