| LISP Machine          | Disk Controlle          | r CADRDC:DC (      | UML 1              | 0-DEC-80 1753       |                         |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|-------------------------|
| DCXBUS x              | 745260                  | 74LS273            | 74LS374            | 74S163              | 745240                  |
|                       | DCECC xx                | DCECC x            | DCECC x            | DCPOSC x            | DCSTS x                 |
| DCXBUS x              | 26S10                   | 74LS273            | 74LS374            | 74S163              | 745133                  |
|                       | DCXBUS x                | DCECC x            | DCECC x            | DCPOSC x            | DCPOSC x                |
| 26\$10<br>DCXBUS x    | 26510<br>DCXBUS x       | D28                | 745260<br>DCECC xx | 745163<br>DCPOSC x  | 74LS00<br>DCCMD<br>XXXX |
| 26510<br>DCXBUS x     | 74LS86<br>DCECC<br>xxxx | 74LS273<br>DCECC x | 745133<br>DCECC x  | 74S163<br>DCPOSC x  | 74LS153<br>DCHDCM x     |
| 26510                 | 74L5374                 | 74LS374            | 745260             | 74S133              | 74LS153                 |
| DCXBUS x              | DCCCW x                 | DCCLP x            | DCPOSC xx          | DCPOSC x            | DCHDCM x                |
| 26510<br>DCXBUS<br>x  | 74LS374<br>DCCCW x      | 74LS569<br>DCCLP x | 74LS374<br>DCCLP   | 74LS244<br>DCPOSC x | 74LS153<br>DCHDCM x     |
| 26510                 | 26510                   | D25                | 74LS374            | 74LS244             | 74LS153                 |
| DCXBSA x              | DCXBSA                  |                    | DCCLP              | DCPOSC x            | DCHDCM                  |
| 26510                 | 26S10                   | 74LS569            | 741504             | 74LS374             | 25LS2536                |
| DCXBSA                | DCXBSA                  | DCCLP x            | DCCLP              | DCCLP               | DCHDCM                  |
| 76S10                 | 74LS569                 | 74LS569            | 25L\$2521          | 74LS193             | A23                     |
| DCXBSA x              | DCCCW x                 | DCCLP              | DCHDCM x           | DCDA x              |                         |
| 26S10                 | 74LS569                 | 741.S569           | 74I.S175           | 741.S193            | 74LS193                 |
| DCXBSA                | DCCCW x                 | DCCLP              | DCCMD x            | DCDA x              | DCDA x                  |
| F21<br>26S10<br>DCPAR | 74LS74 DCCCW XX         | 9542<br>DCUC xx    | TD250<br>DCCHAN    | B21  74LS244  DCDA  | 74LS193<br>DCDA         |

| LISP  | Machine | Disk | Controller | CADI | RDC:DC U | ML |
|-------|---------|------|------------|------|----------|----|
| 1 250 | 210     | _    |            |      |          |    |

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| 26S10<br>DCCHAN x    | TD100<br>DCCHAN x       | 74504<br>DCXBSA<br>xxxxxx | 74LS10<br>DCCMD xxx      | 74LS244<br>DCDA x     | 74LS193<br>DCDA x   |
|----------------------|-------------------------|---------------------------|--------------------------|-----------------------|---------------------|
| 26S10<br>DCCHAN<br>x | 74511<br>DCCHAN xxx     | D18                       | 74\$51<br>DCCLK xx       | DCDA x                | DCDA x              |
| DCCHAN xx            | 74574<br>DCCHAN XX      | 74SU8<br>DCUC xxxx        | 74S37<br>DCCLK<br>*****  | 74LS244<br>DCDA x     | 74LS193<br>DCDA x   |
| 74LS74<br>DCCLK xx   | 74502<br>DCREG xxxx     | D16                       | 74LS32<br>DCCMD XXXX     | 74LS02<br>DCCLP       | 74LS86<br>DCSH xxxx |
| 93548<br>DCPAR x     | 74S133<br>DCREG x       | D15                       | 74LS08<br>DCRBUF<br>XXXX | 74LS21<br>DCBUSY xo   | 74LS244<br>DCSTS x  |
| 93548<br>DCPAR x     | 25LS2521<br>DCREG x     | 74LS08<br>DCSH<br>XXXX    | 74LS74<br>DCCLK xx       | 74574<br>DCBUSY<br>XX | 74LS244<br>DCSTS x  |
| 93548<br>DCPAR x     | TD250<br>DCREG x        | 74LS138<br>DCUC x         | 74574<br>DCCLK xx        | 745260<br>DCBUSY xx   | 74LS244<br>DCSTS x  |
| 93548<br>DCPAR x     | 745138<br>DCREG x       | 74LS153<br>DCUC x         | 74LS273<br>DCSTS x       | 74L5279<br>DCSTS x    | 74LS244<br>DCSTS x  |
| DCPAR x              | 74LS02<br>DCREG<br>xxxx | 74LS86<br>DCPAR xxxx      | 25LS2521<br>DCHDCM x     | DCSH xxxx             | 74\$151<br>DCUC x   |
| DCRBUF x             | 67401<br>DCRBUF<br>x    | 745299<br>DCSH x          | 74LS273<br>DCCMD x       | 74574<br>DCSH xx      | 75107<br>DCTRID xx  |
| 74LS374<br>DCRBUF x  | DCRBUF x                | 74LS11<br>DCCCW xxx       | 74LS244<br>DCDBUS x      | 26S02<br>DCTM0T xx    | DUMMY<br>DCTRID x   |

LISP Machine Disk Controller CADRDC:DC UML DIP MAP

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| 74LS374<br>DCRBUF x | 74LS175<br>DCRBUF x    | 74LS273<br>DCU1 x | 74LS244<br>DCDBUS , x       | 74LS569<br>DCTRID x    | 75110<br>DCTRID x           |
|---------------------|------------------------|-------------------|-----------------------------|------------------------|-----------------------------|
| 74LS374<br>DCRBUF x | DCRBUF x               | 74LS273<br>DCUI x | 74LS244<br>DCDBUS x         | DCTRID x               | 74LS14<br>DCTRID<br>XXXXXXO |
| 74LS374<br>DCWBUF x | 74LS21<br>DCRBUF<br>xx | 74LS273<br>DCUI x | 74LS157<br>DCDBUS x         | 74LS74<br>DCRUSY<br>XO | SIP330-1<br>DCIRSG x        |
| 74LS374<br>DCWBUF x | 74LS08<br>DCSH xxxx    | 745472<br>DCUI x  | 74LS04<br>DCDBUS<br>XXXXXXX | 75452<br>DCTRSG xx     | DUMMY<br>DCTRSG x           |
| 74LS374<br>DCWBUF x | 74LS00<br>DCSH xxox    | 74S472<br>DCUI x  | DUMMY<br>DCTMOT x           | 74LS124<br>DCTMOT xx   | 74LS14<br>DCTRSG<br>XXXXXX  |
| 74LS374<br>DCWBUF x | 74LS175<br>DCWRUF x    | 74\$472<br>DCUI x | 74 393<br>DCTMOT xx         | 75452<br>DCTRSG xx     | DUMMY<br>DCTRSG x           |
| 67401<br>DCWBUF . x | 74LS74<br>DCRBUF<br>xx | D02               | 74LS569<br>DCUC x           | STP100-8<br>DCTRSG x   | 75452<br>DCTRSG XX          |
| 67401<br>DCWBUF x   | DCWBUF x               | 745299<br>DCSH x  | 74LS569 ·                   | 75452<br>DCTRSG xx     | SIP100-8<br>DCIRSG x        |

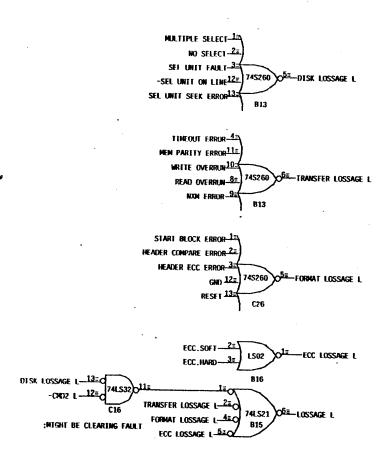
| -A-                           | ntroller CADRDC:DC UML<br>ECTIONS Flags: (# Output, 0 Te<br>-B- | -c-   | -D-                                |      |
|-------------------------------|---|---|------------------------------------|------|
| 1 -XBUS35<br>2 +5.0V+++++++++ | +++++   A1 -XBU\$5<br>A2 +5.0V++++++++++                        | # A1<br>A2 +5.0V++++++++                    | ++++++  A1<br>  A2 +5.0V++++++++++ | ++++ |
| 1 -XBUS34<br>2 -6.0V          | B1 -XBUS4<br>B2 -5.0V   | # B1 -XBUS41<br> B2 -5.0V                   | B1<br>B2 -5.0V                     |      |
| 1 -XBUS33<br>2 GND            | 0 C1 -XBUS3   | 0 C2 GND                                    | 8 C2 GND                           |      |
| 1 -XBUS32<br>2 -XBUS31        | # D1 -XBUS2<br># D2 -XBUS1                                      | # D1 -XBUS39<br># D2 -XBUS.RQ               | # D1<br># D2 XINIT                 |      |
| 1 -XBUS30<br>2 -XBUS29        | # E1 -XBUS0<br># E2 -XBUS.PAR                                   | # E1 -XBUS38<br># E2 -XBUS.ACK              | # E2 SEL UNIT ATTENTIO             | N    |
| 1 GND<br>2 -XBUS28            | 0 F1 GND<br># F2 -XADDR.PAR                                     | 0 F1 GND<br># F2 -XBUS.WR                   | # F1 GND<br># F2 ANY ATTENTION     |      |
| 1 -XBU\$27<br>2 -XBU\$26      | # H1 -XADDR21<br># H2 -XADDR20                                  | # H1 -XBUS.EXTGRANT.IN<br># H2 -XBUS.IGNPAR | # H1<br># H2 UNIT D ATTENTION      |      |
| - XBUS25<br>- XBUS24          | # J1 -XADDR19<br># J2 -XADDR18                                  | # J1 -XBUS.EXTGRANT.OU<br># J2 -XBUS.INIT   |                                    |      |
| -XBUS23<br>-XBUS22            | # K1 -XADDR17<br># K2 -XADDR16                                  | # K1 XBUS.POWER.OK<br># K2 -XBUS.EXTRQ      | # K1 NC                            |      |
| -XBUS21<br>-XBUS20            | # L1 -XADDR15<br># L2 -XADDR14                                  | # L1 -XBUS37<br># L2 -XBUS.BUSY             | # L2 NO SELECT                     |      |
| -XBUS19<br>-XBUS18            | # M1 -XADDR13<br># M2 -XADDR12                                  | # M1 -XBUS36<br># M2 -XBUS.SYNC             | M1 W M2 MULTIPLE SELECT            |      |
| GND<br>-XBUS17                | Ø N1 GND<br># N2 -XADDR11                                       | 9 N1 GND<br># N2                            | N1 GND<br>N2 WRITE DATA            |      |
| -XBUS16<br>-XBUS15            | # P1 -XADDR10<br># P2 -XADDR9                                   | # P1<br># P2 -XBUS.INTR                     | P1 +12.0V<br>W P2 WRITE GATE       |      |
| -XBUS14<br>-XBUS13            | # R1 -XADDR8<br># R2 -XADDR7                                    | # R1<br># R2                                | R1 +12.0V<br> R2 DISK.CLK^         |      |
| -XBUS12<br>-XBUS11            | # S1 -XADDR6<br># S2 -XADDR5                                    | # \$1<br># \$2                              | S1 +12.0V<br> S2 READ DATA         |      |
| GND                           | # T2 -XADDR4  | 8 T1 GND                                    | 0 T1 GND                           |      |
| -XBUS9                        | # U1 -XADDR3<br># U2 -XADDR2                                    | # U1<br># U2                                | U1<br>U2 BLOCK.CTRO                |      |
| -XBUS7<br>-XBUS6              | # V1 -XADDR1<br># V2 -XADDR0                                    | # V1<br># V2                                | V1<br>V2 BLOCK.CTR1                |      |
|                               |   |   |                                    |      |
|                               |   |   |                                    |      |
|                               |   |   | T                                  |      |
|                               |   |   | i i                                |      |
|                               |   |   | <del>- i</del>                     |      |
|                               |   |   |                                    |      |

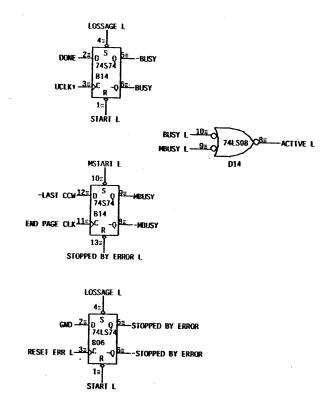
| SP Machine Disk Contr<br>****** EDGE CONNECT | roller CADRDC;DC UML<br> IONS Flags: (# Output, 0 Te | 10-DEC-80 1759<br>erminator Dedicate | d ground, ++++ Dedic       | ated power) ***** |
|--|--|--------------------------------------|----------------------------|-------------------|
| ~E-  | -F-  | -J01-                                |                            | -J02-             |
| 1<br>2 +5.0V++++++++++++                     |  | -+++++   01 TRIDENT.CYL.             | TAG/ # 01<br>ROL.TAG/ # 02 |                   |
| 1<br>2 -5.0V                                 | B1<br> B2 -5.0V                                      | 03 TRIDENT.TER.<br>04 GND            | IN/   03<br>8   04         |                   |
| 1<br>2 GND                                   | 0 C2 GND   | 9 06 GND                             | 9   05<br>9   06           |                   |
| 1<br>2 BLOCK.CTR2                            | # D1<br># D2   | 07 GND<br>08 GND                     |                            |                   |
| 1<br>2 BLOCK.CTR3                            | # E1<br># E2   | 09 GND<br>10 GND                     | 0 09<br>0 10               |                   |
| 1 GND<br>2 BLOCK.CTR4                        | 0 F1 GND<br># F2                                     | e 11 GND<br>12 GND                   | 8   11<br>8   12           | <u> </u>          |
| BLOCK.CTR5                                   | # H1<br># H2   | 13 GND<br>14 GND                     | 8   13<br>8   14           |                   |
| BLOCK.CTR6                                   | #   J1<br>#   J2                                     | 15 GND<br>16 GND                     | 8   15<br>9   16           |                   |
| BLOCK.CTR7                                   | #   K1<br>#   K2                                     | 17 +5.0V<br>18 +5.0V                 | 17                         |                   |
| XBI28  | # L1   | 19 TRIDENT.ADDR.                     | MK.DET/   19<br>DR/   20   |                   |
| XBI29  | M1<br>M2   | 21 22                                | 21                         |                   |
| GND<br>XBI30                                 | 9 N1 GND<br># N2                                     | 8   23<br>  24                       | 23                         |                   |
| UNITO  | P1<br>  P2   | 25<br>26 TRIDENT.HEAD.               | 126                        |                   |
| UNIT1  | R1<br>R2   | 127 TRIDENT BUSO/                    |                            |                   |
| UNIT2  | \$1<br> \$2  | 129 TRIDENT, BUS2/                   | # 29<br># 30               |                   |
| GND  | 0  T1 GND  | 0 31 TRIDENT BUS4/                   | # 31<br># 32               |                   |
| -HEAD TAG H                                  | # U1<br># U2   | 133 TRIDENI, BUSG/                   | #  33<br>#  34             |                   |
|  | V1<br>  V2   | 135 TRIDENT BUSA/                    | # 35<br># 36               |                   |
|  |  | 137 TRIDENT SPARE                    | /   37<br>INC/   38        |                   |
|  |  |                                      | NE/ 0 39<br>E.CHECK/ 0 40  |                   |
| **   |  | 41 IRIDENT.READ.                     | DNLY/ 8 41                 |                   |
|  |  | 43 TRIDENT.INDEX                     | /  43                      |                   |
|  |  | 45 TRIDENT.END.OF                    | .CYL/  45                  |                   |
|  |  | 47                                   | 47                         |                   |
|  |  | 149                                  | 49                         |                   |

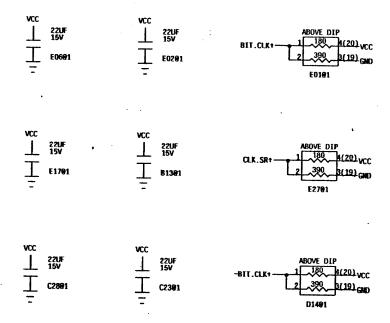
| LISP Machine Disk Control  ****** EDGE CONNECTION | ler CADRDC;DC UML<br>NS Flags: (# Output, @ Termin | 10-DEC-80 1759<br>ator Dedicated ground. | ++++ Dedicated names) ******          |
|---|--|--|---------------------------------------|
| -J03-   | -J04-  | -J05-                                    | -J06-                                 |
| 101 GND<br>102 GND                                | 0   01<br>0   02                                   | 01 HI1<br>02 AD14                        | 0 0 1<br>0 2                          |
| 03 GND<br>04 GND                                  | 0   03<br>0   04                                   | 03 HT1<br>04 AD13                        | 0   03   04                           |
| 05 GND<br>06 GND                                  | 0   05<br>0   06                                   | 05 HI1<br>106 AD6                        | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 07 GND<br>08 GND                                  | 0   07<br>0   08                                   | 07 HI1<br>  08 AD5                       | 0 07<br>08                            |
| 09 GND<br>10 +5.0V                                | 0 09<br>10   | 09 HI1<br>  10 AD4                       | 0 09                                  |
| 11 12   | 11 12  | 11 HI1<br>  12 AD3                       | 10<br>  0   11                        |
| 13  | 13   | 13 HI1                                   | 12<br>  0   13                        |
| 15  | 15   | 14 AD2                                   | 14<br>  0   15                        |
| 117   | 117  | 16 -TIMEOUT ENB H                        | 16                                    |
| 119   | 18   | 18                                       | 119                                   |
| 121 TRIDENT. O. CLOCK. M                          | 20   | 20                                       | 20<br> 21                             |
| 22 TRIDENT.O.CLOCK.P                              | W123   | 123                                      | 22                                    |
| 124 IKIDENI.U.DAIA.P                              | # 24   | 24                                       | 23                                    |
| TEO TRIBERT. U. SEQUENCE/                         | # 26<br>9 27                                       | 25                                       | 120                                   |
| 28 TRIDENT.O.AFTENTION/                           | 8   28   | 120                                      | 120                                   |
| 30 +5.0V  | 30   | 130                                      | 100                                   |
| 32  | 100  | 31 GND                                   | 8 31                                  |
| 33  | 33   | 33 GND                                   | 0   33                                |
| 36  | 35   | 35 GND                                   | 9 36                                  |
| 37  | 37   | 37 GND                                   | 8 37                                  |
| 40  | 39   | 39 GND                                   | 8 39                                  |
|   |  | 41 GND                                   | e 41                                  |
|   |  | 43                                       | 43                                    |
|   |  | 45                                       | 45                                    |
|   | 1  | 47                                       | 47                                    |
|   |  | 149                                      | 49                                    |
|   |  | 100                                      | 50                                    |

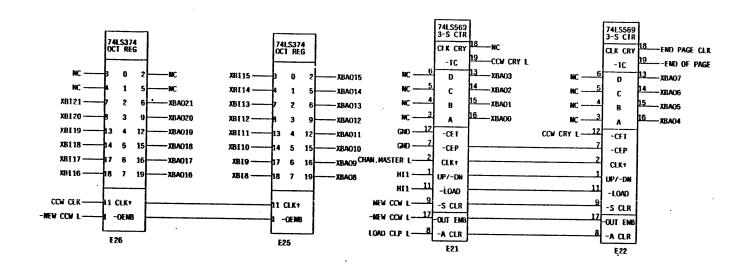
| -J07 <i>-</i> | -J08-    | 10-DEC-80 1800<br>nator, Dedicated ground, 4<br>-J09- |              |
|---------------|----------|---|--------------|
| 01<br>02      | 01       | [01   | -J10-<br> 01 |
| 03            | 103      | 102   | 103          |
| 05            | 104      | 104   | 04           |
| 06            | 106      | 05<br>06  | 06<br>06     |
| 08            | 07<br>08 | 07<br>  08  | 07<br>08     |
| 09<br>10      | 09<br>10 | 10  | 109          |
| 11            | 11 12    | 111 12  | 11 12        |
| 13<br>14      | 13       | 13  | 13           |
| 15<br>16      | 16       | .   14  | 115          |
| 17            | 16       | 116   | 16           |
| 18<br>19      | 18       | 17 18   | 17           |
| 20<br>21      | 19 20    | 19 20   | 19 20        |
| 22            | 22       | -  21<br>-  22  | 21 22        |
| 24            | 24       | -   23<br>-   24                                      | 23<br>  24   |
| 6             | - 25     |   | 25   26      |
| 7             | -  27    |   | 27           |
| 9             |          | 129   | 28           |
| 1             | -  31    | 131   | 30           |
| 3             | , , ,    | 32  | 32           |
| 5             | -  34    | 34  | 33           |
| 6             | 36       |   | 35           |
| 7<br>8        |          |   | 37           |
| 0             |          | 39  | 39           |
|               |          | 41  | 141          |
|               |          | 43  | 42           |
|               |          | 145   | 44           |
|               |          | 46  | 46           |
|               | <u> </u> | 48  | 47           |
|               |          | 50  | 149          |

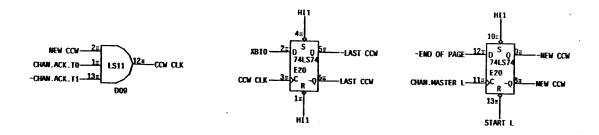
-J11-01 LED.RFAD ACTIVE 02 LED.WRITE ACTIVE # 01 03 LED.SEFK 04 LED.TRANSFER LOSSAGE # 03 # 04 05 LED.FORMAT LOSSAGE # 05 # 06 07 LED.DISK LOSSAGE 08 LED.UNUSED . # 07 109 10 111 17 |29 -----31 -----33 -----35 -----37 -----37 -----39 -----

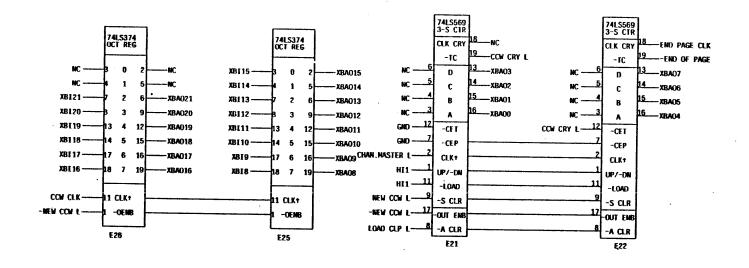


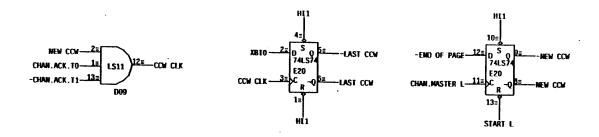


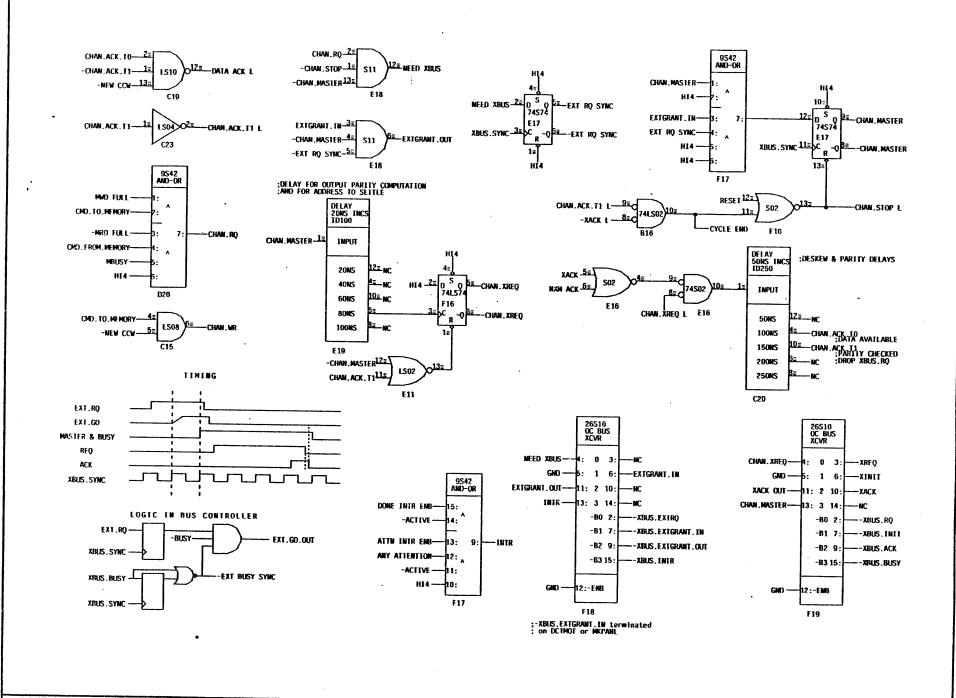


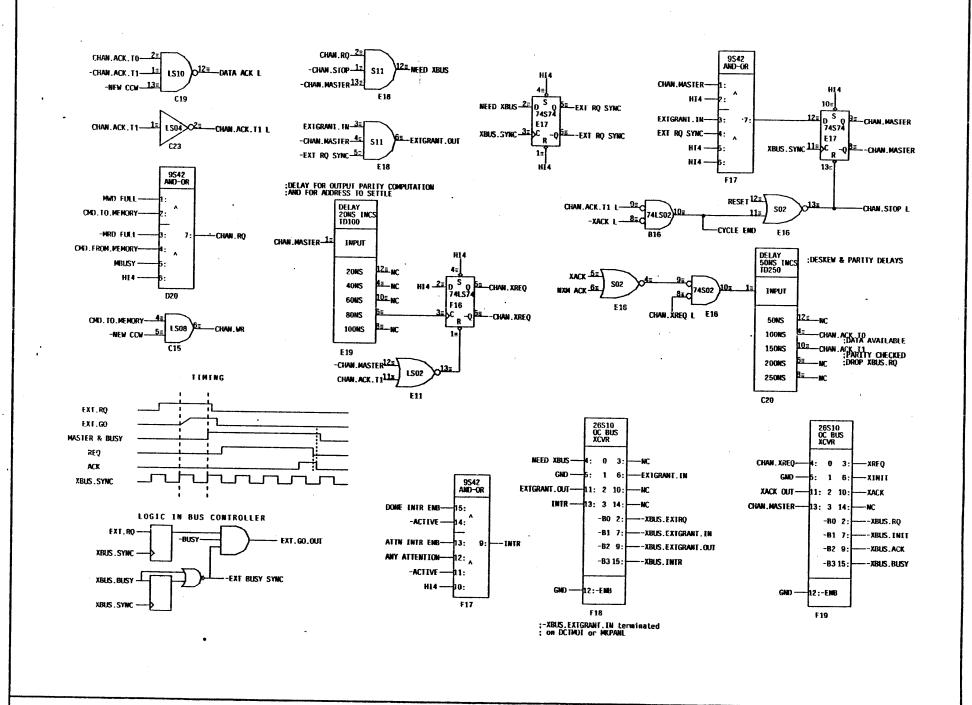


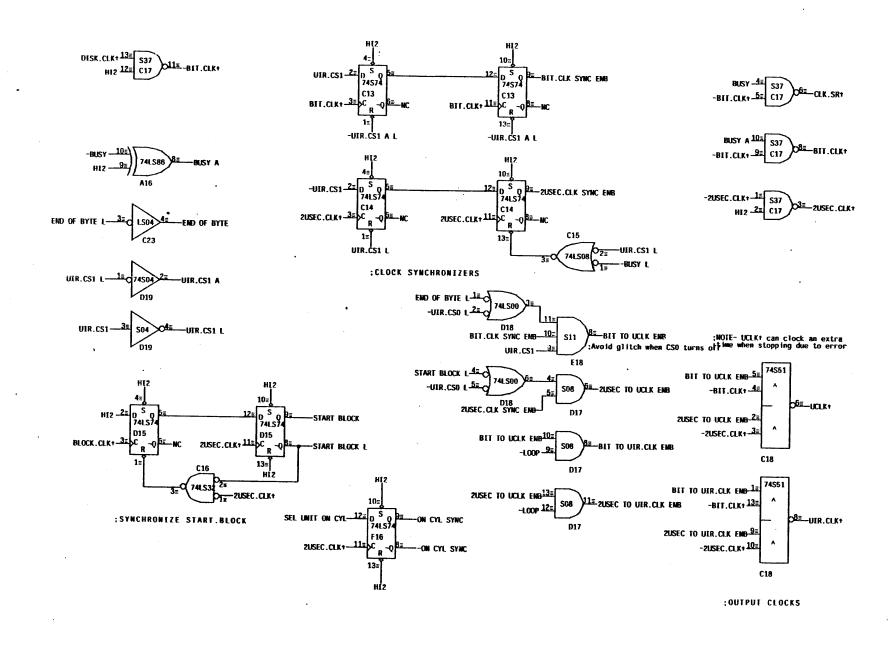








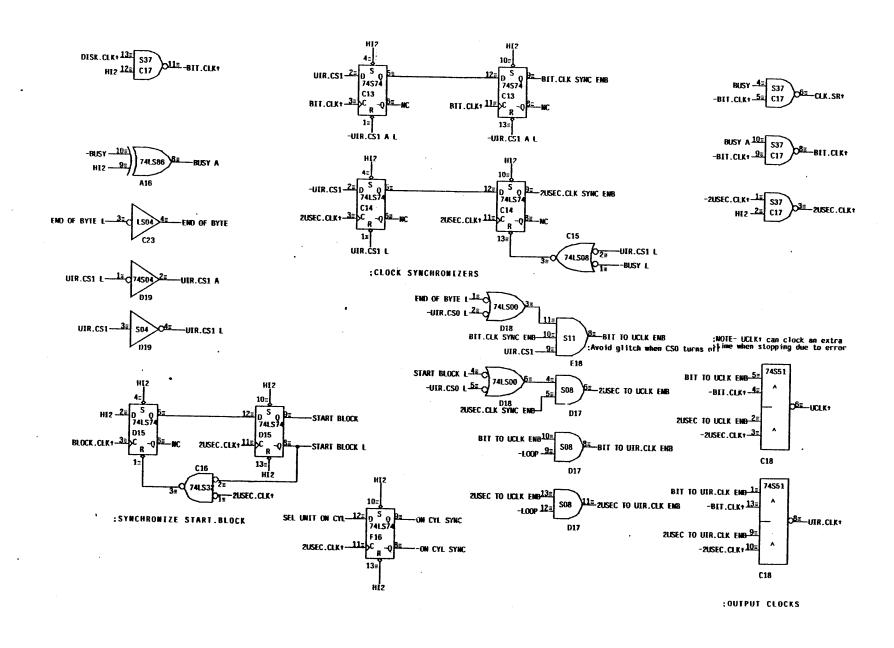




**CLOCKS** 

8-OCT-1978 16:48

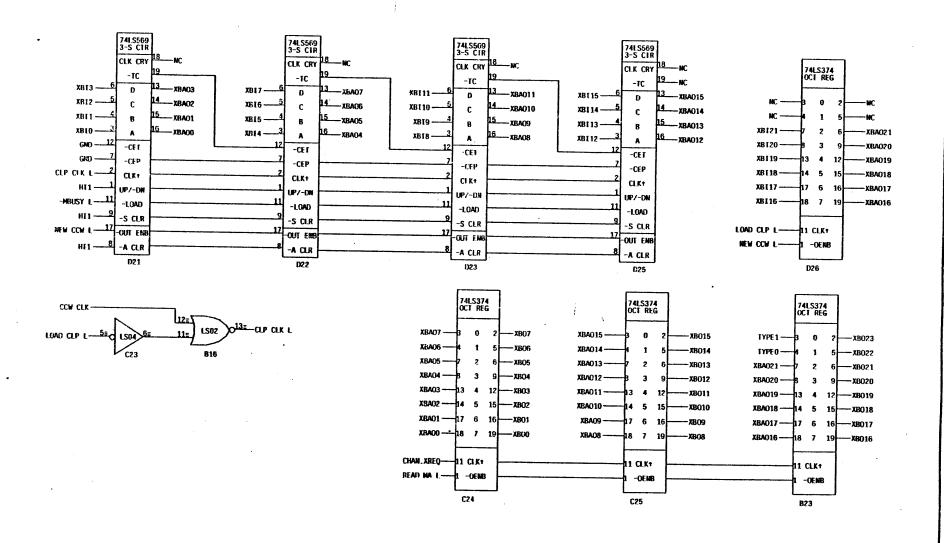
AI: CADRDC; DCCLK

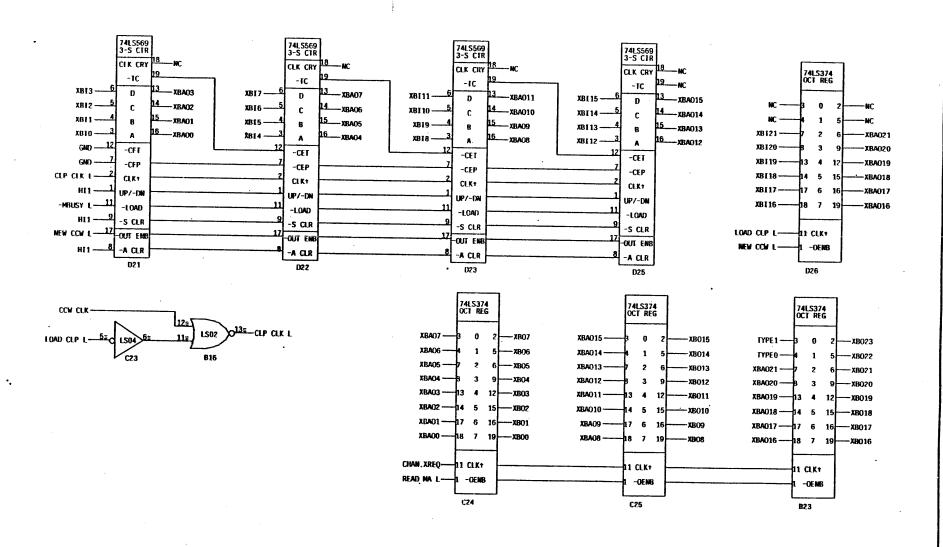


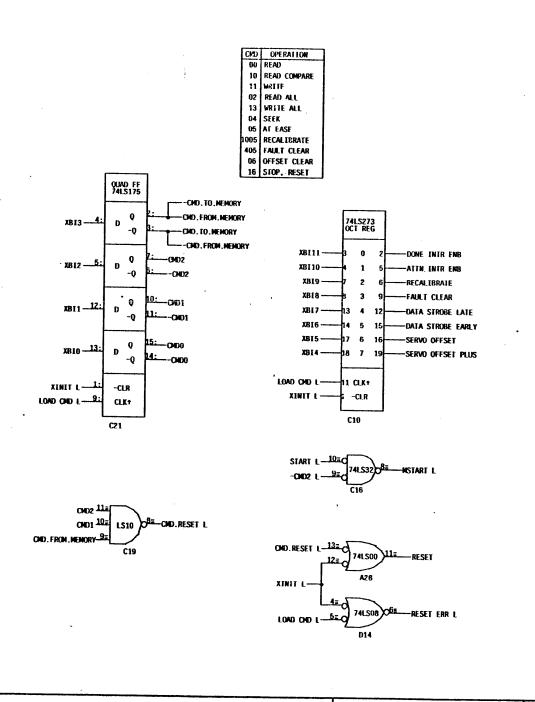
**CLOCKS** 

8-OCT-1978 16:48

AI: CADRDC; DCCLK



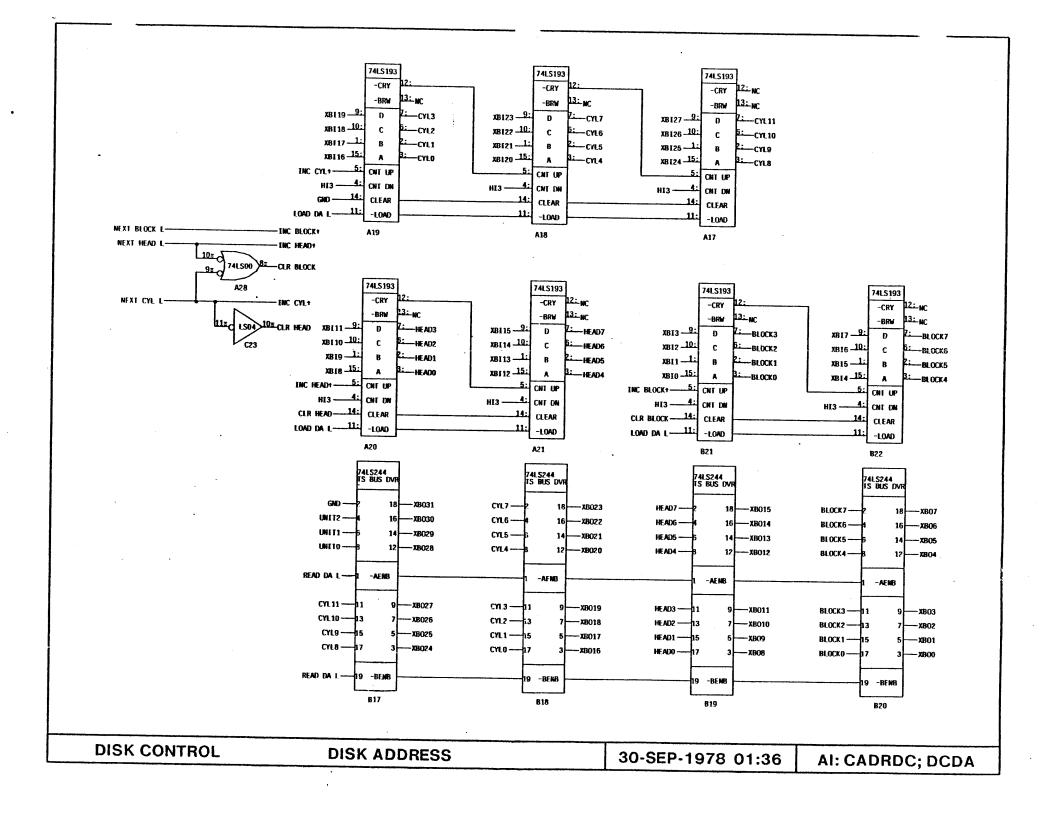


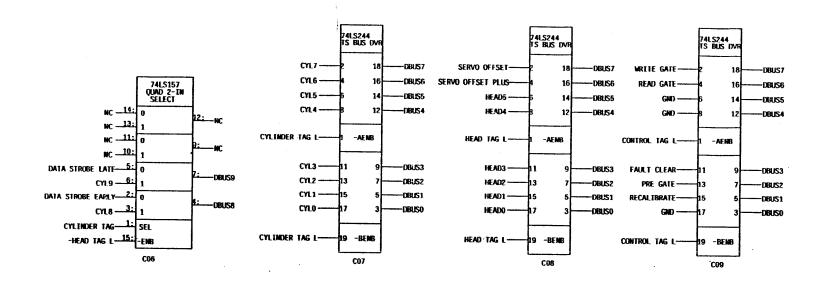


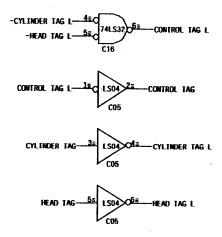
COMMAND

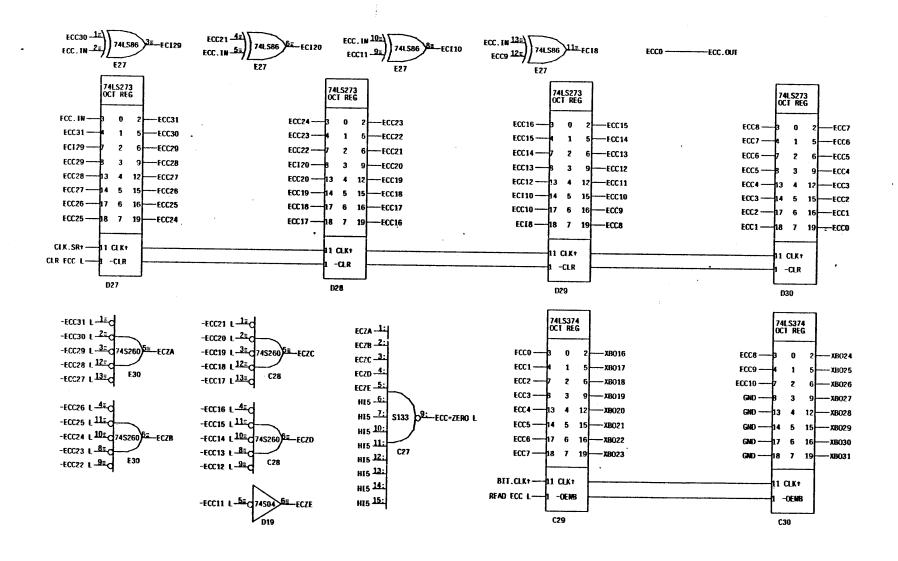
30-SEP-1978 01:18

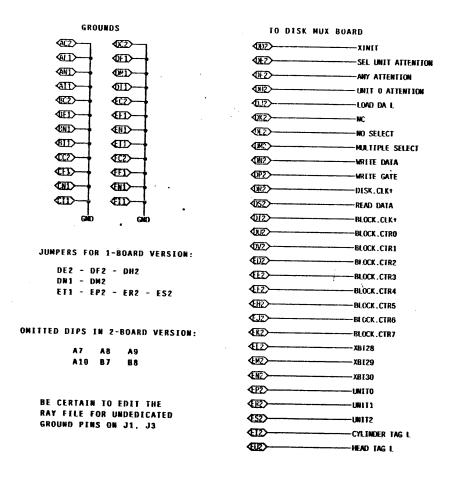
AI: CADRDC; DCCMD

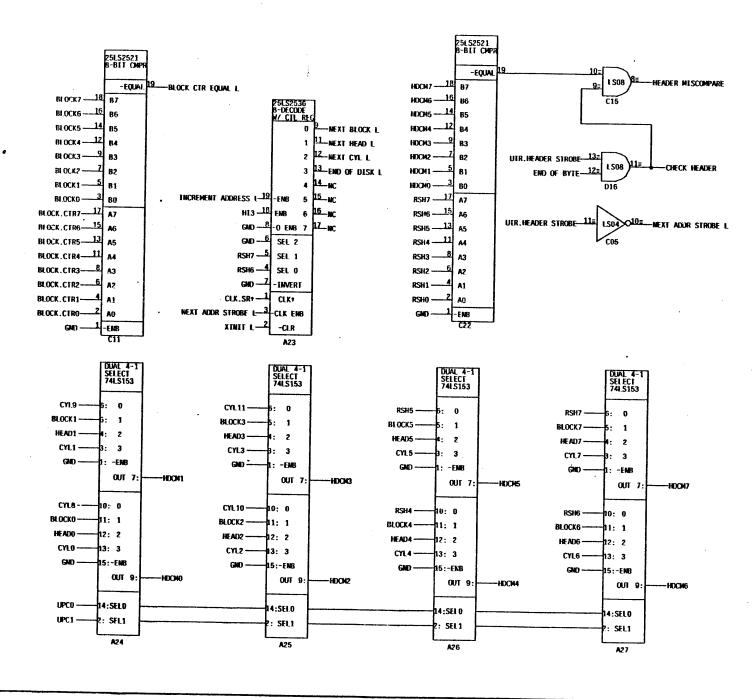


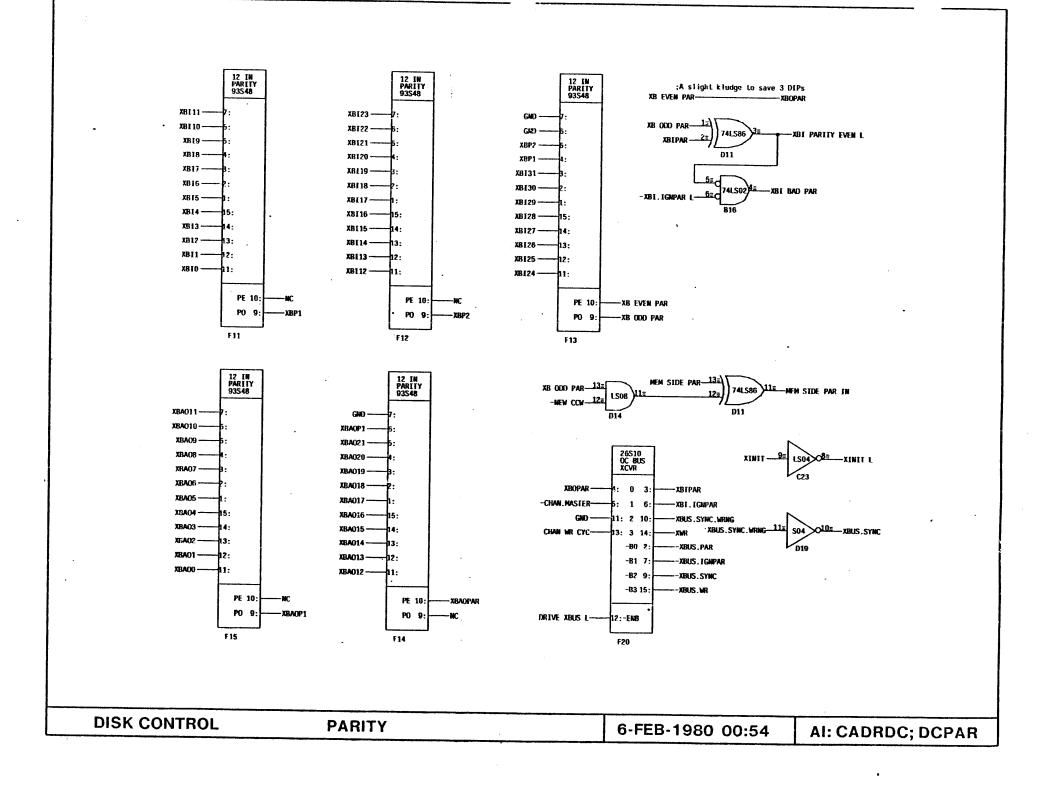


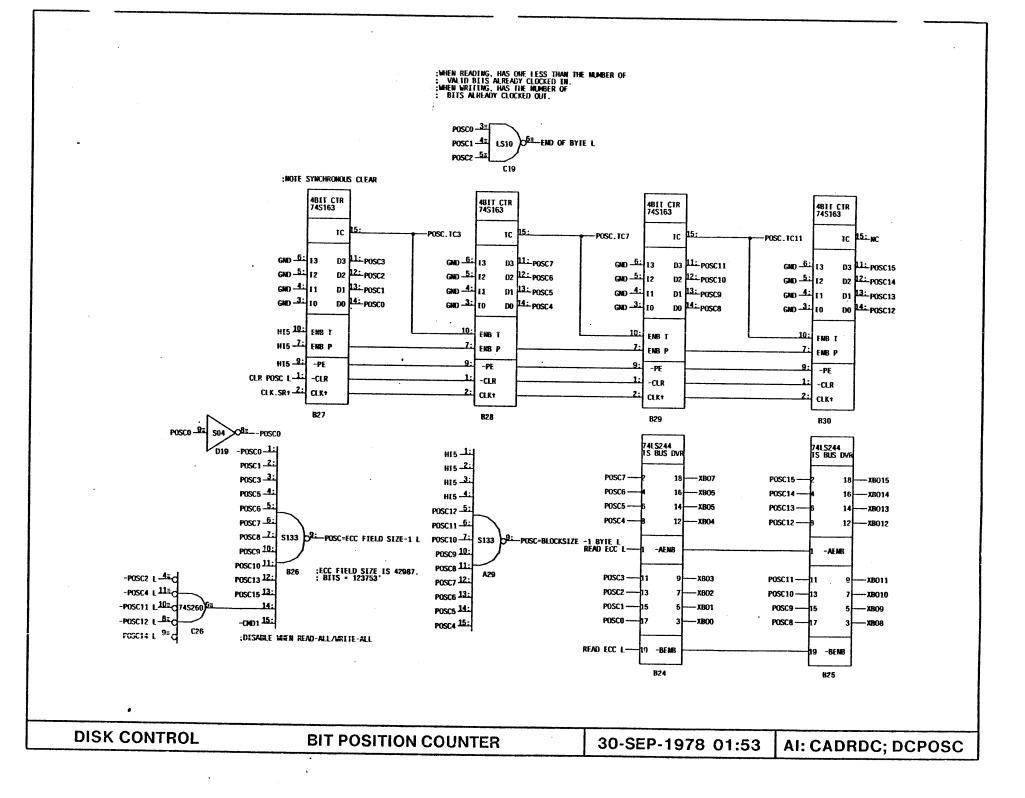


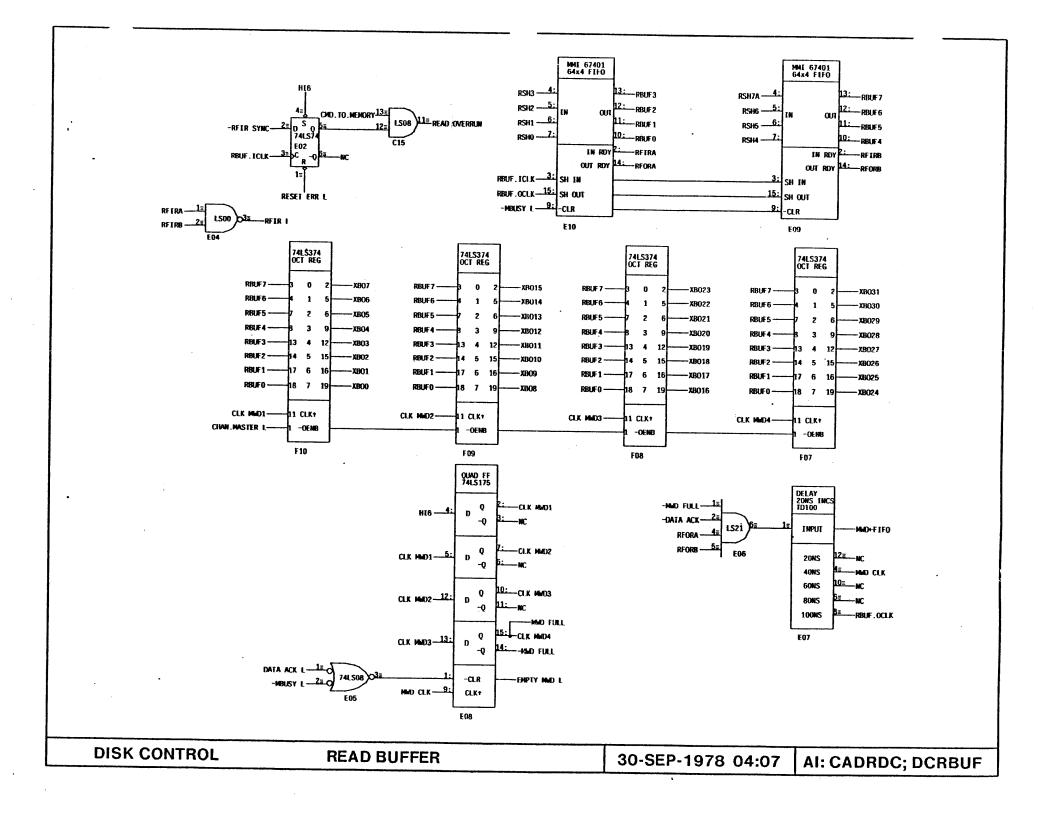


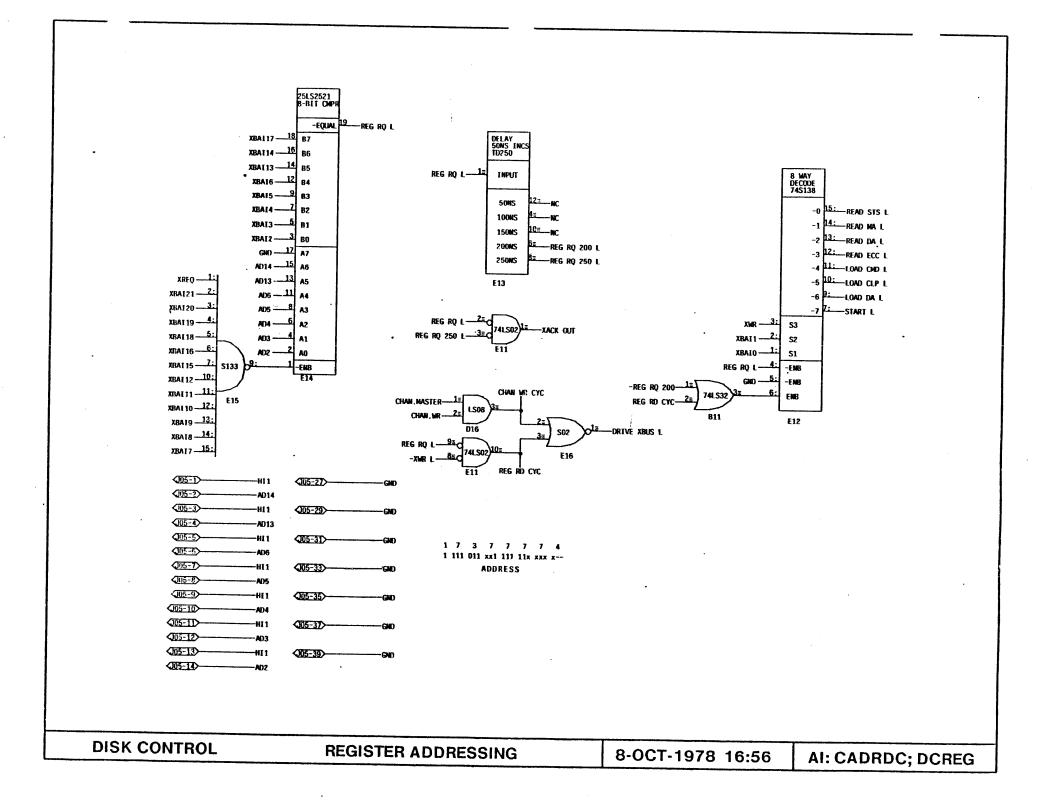


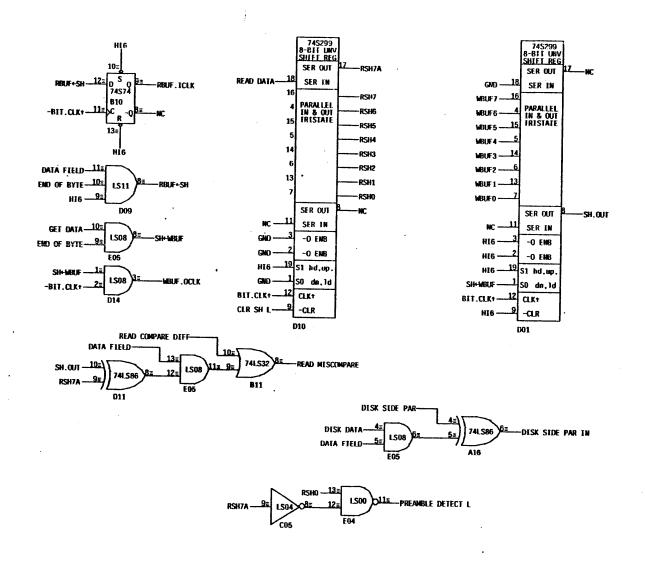








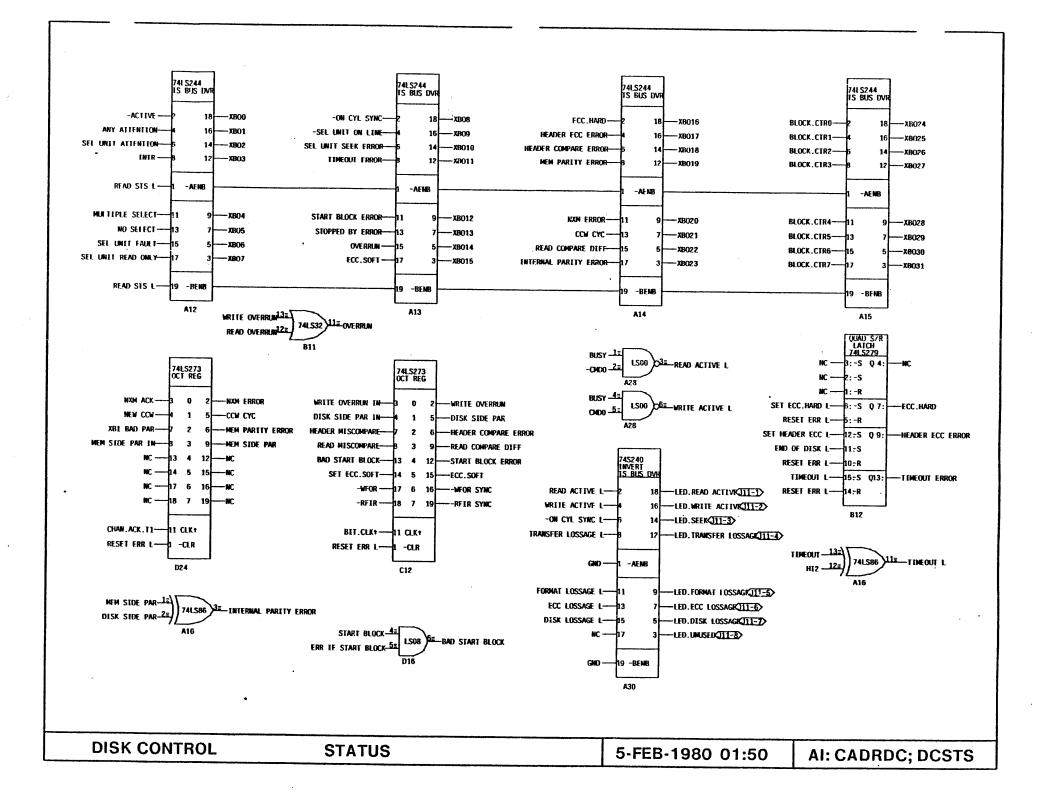


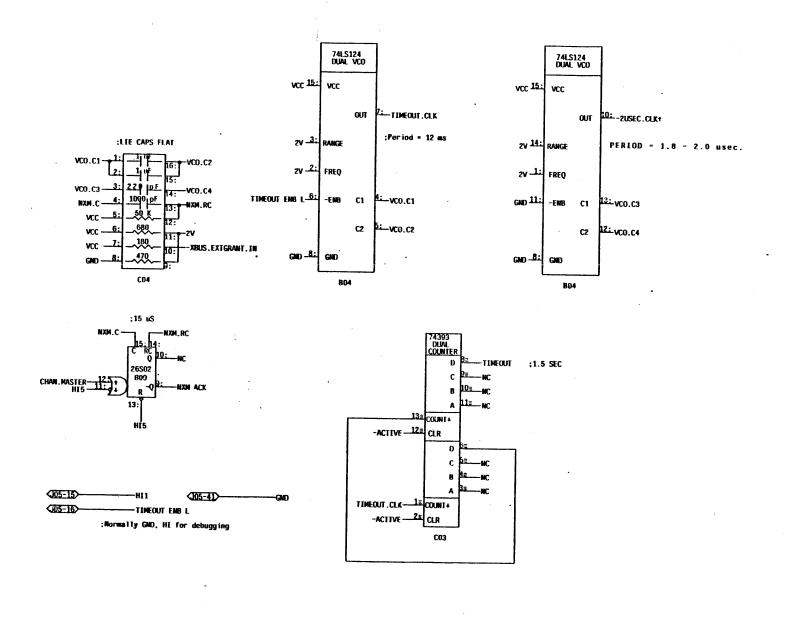


SHIFT REGISTER

10-JUN-1979 20:37

AI: CADRDC; DCSH

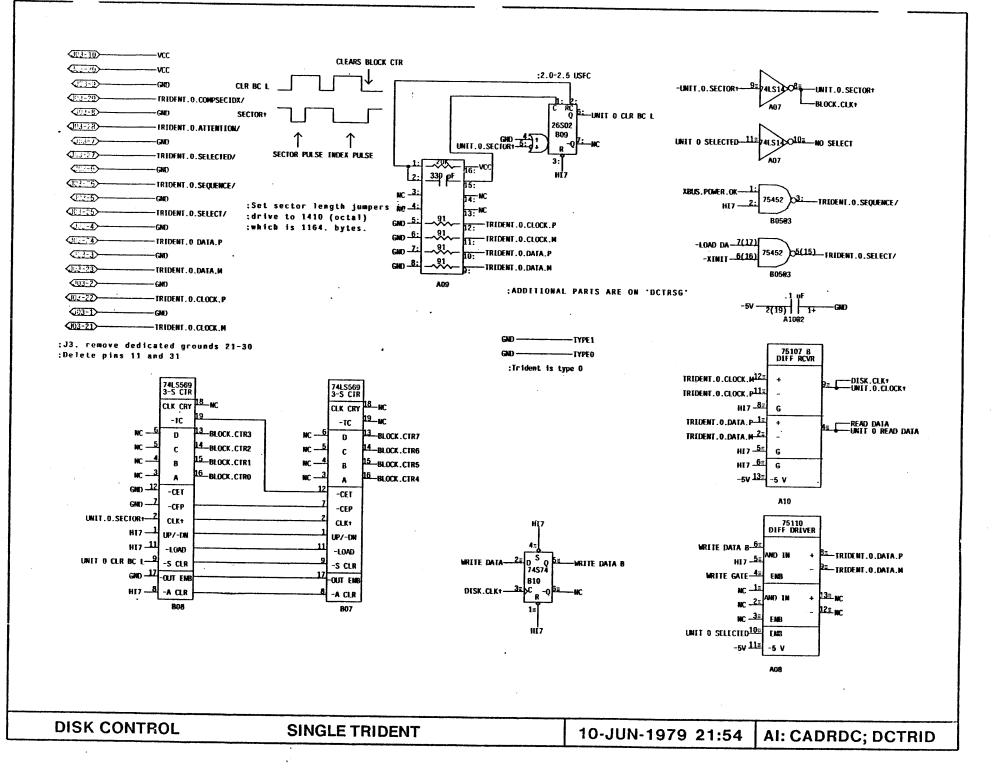


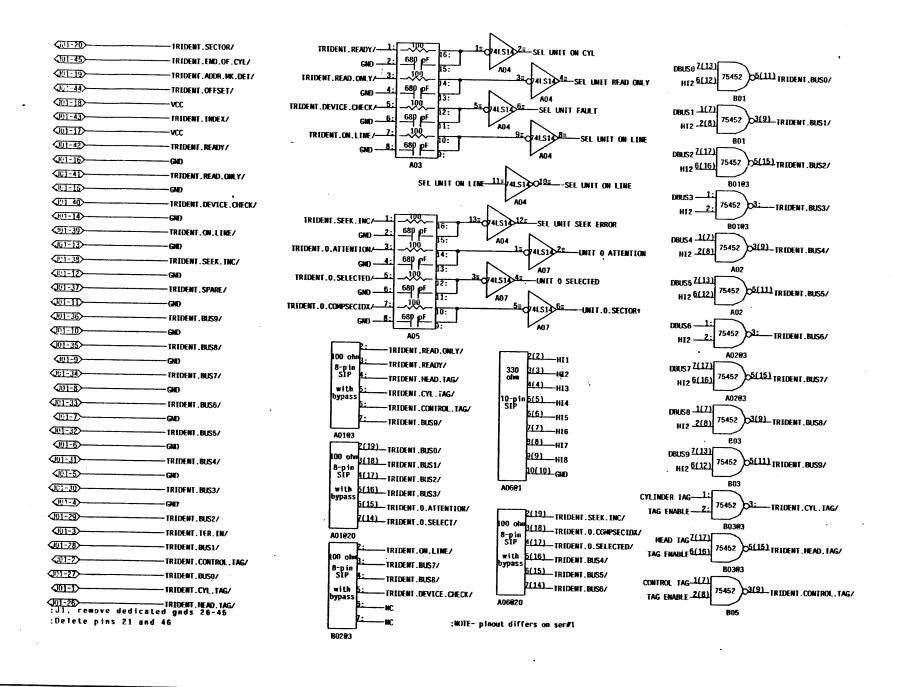


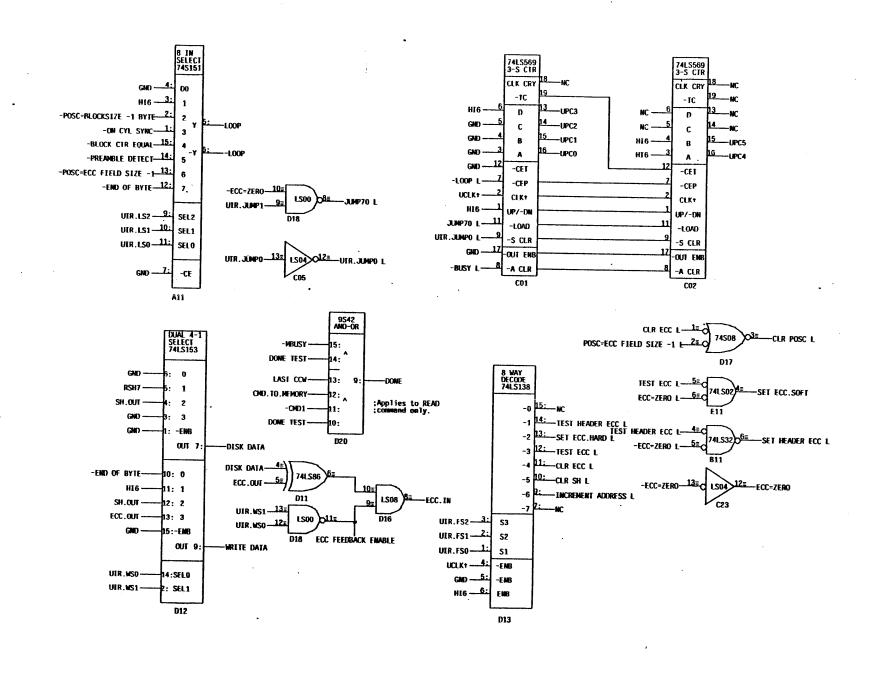
TIMEOUT

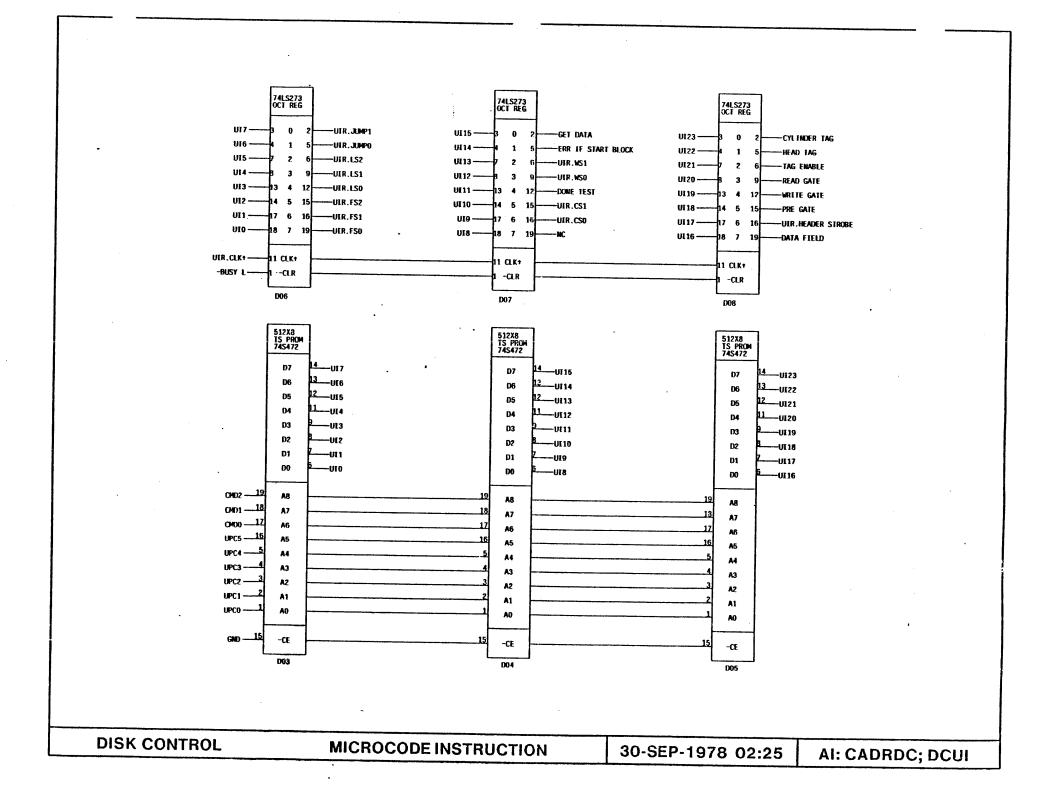
7-OCT-1980 22:12

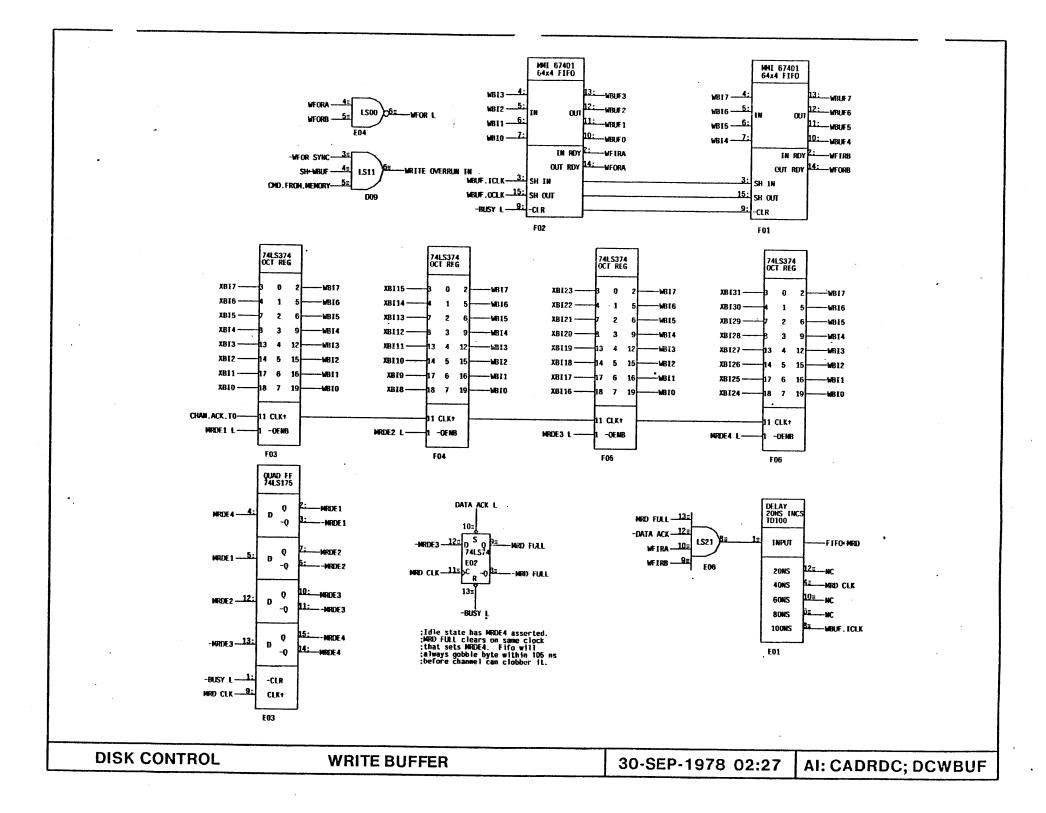
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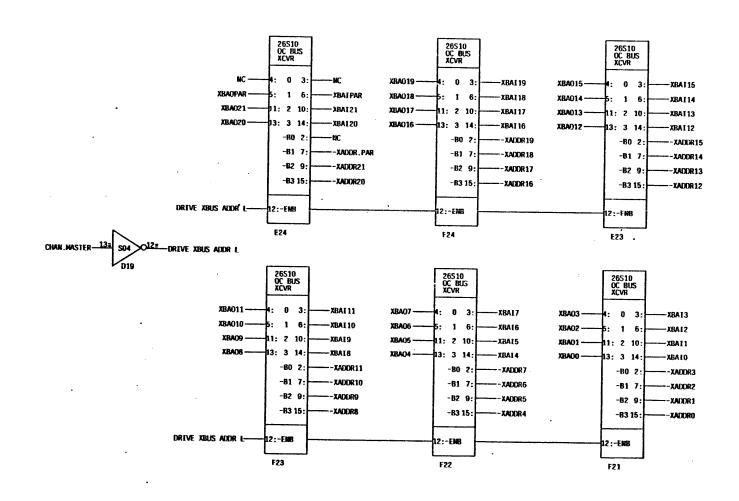


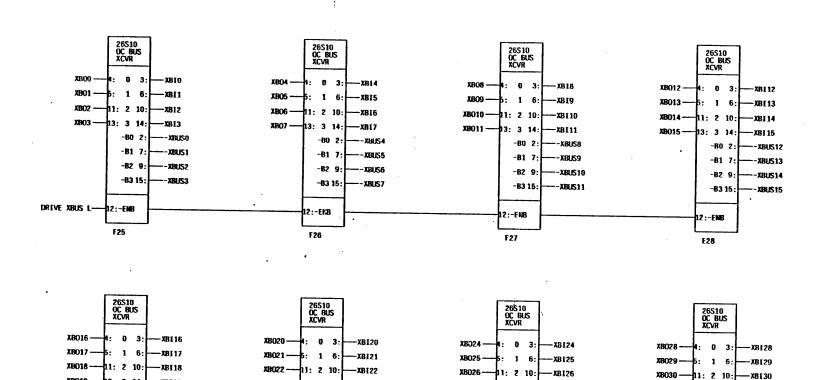












XB027 -

DRIVE XBUS L-

XB023-

--XBUS16

-XBUS17

-XBUS18

-XBUS19

-B2 9

-B3 15:

F28

13: 3 14

-BO 2

-B1 7:

-B2 9

-B3 15

12:-ENB

E29

-XB123

-XBUS20

XBUS21

-XBUS22

XBUS23

-XB [27

--XBUS25

-XBUS26

-Xausz7

-B2 9:

-B3 15:

F29

XB031--

13: 3 14:

-80 2

-B2 9:

-B3 15:

12:-ENB

F30

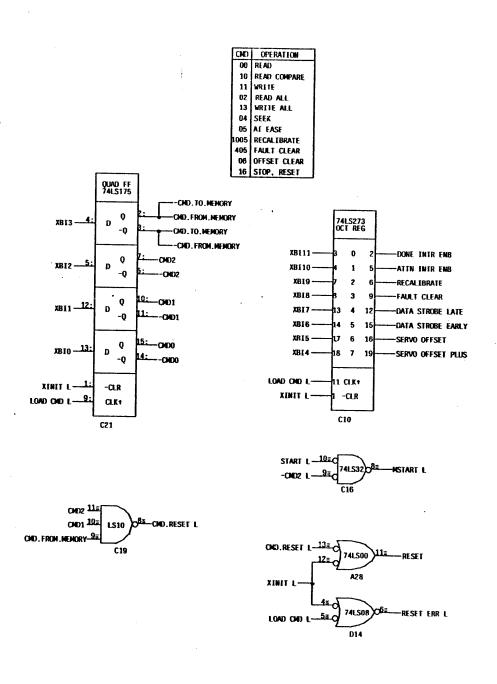
XB[31

XBUS28

-XBUS29

-XBUS30

-XBUS31

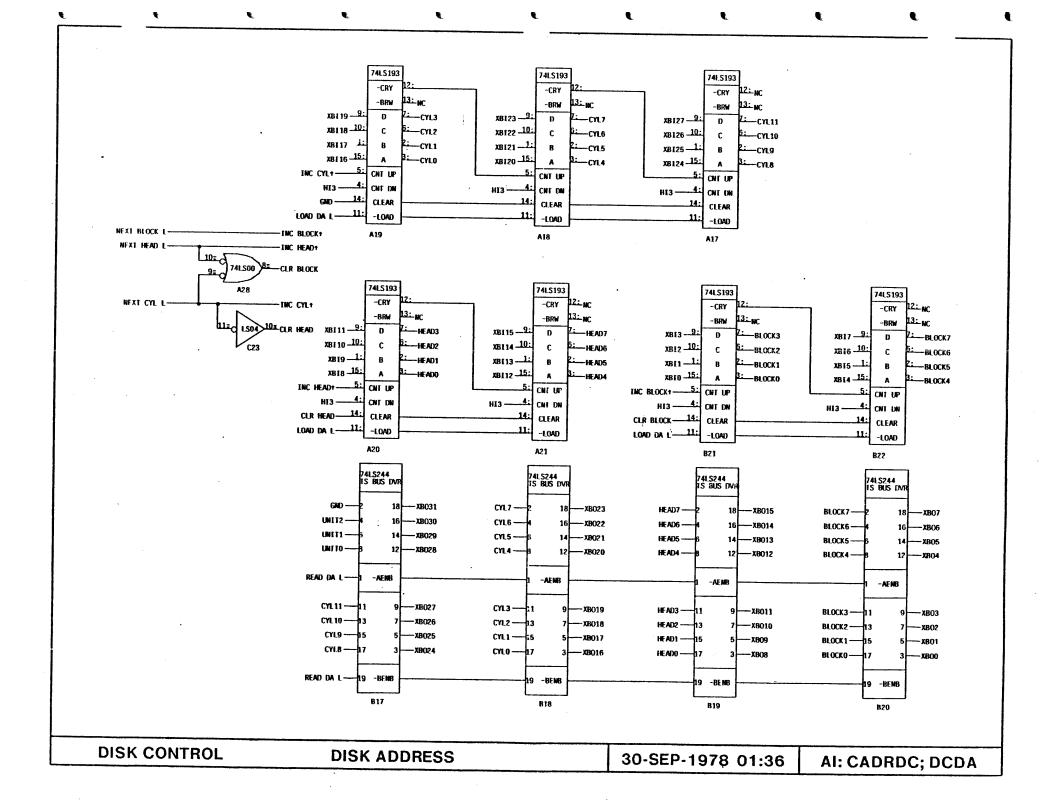


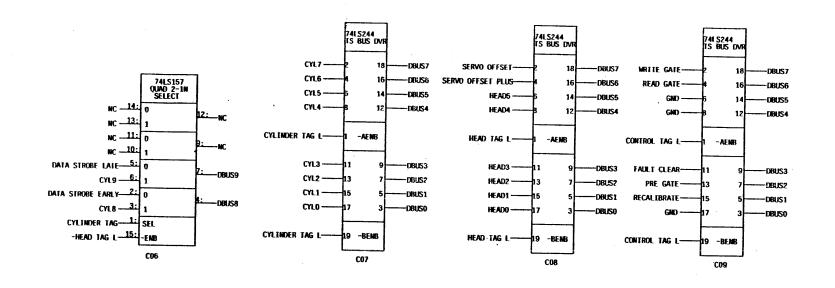
**DISK CONTROL** 

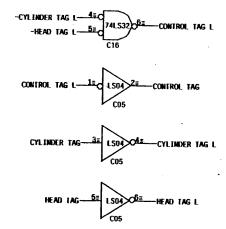
COMMAND

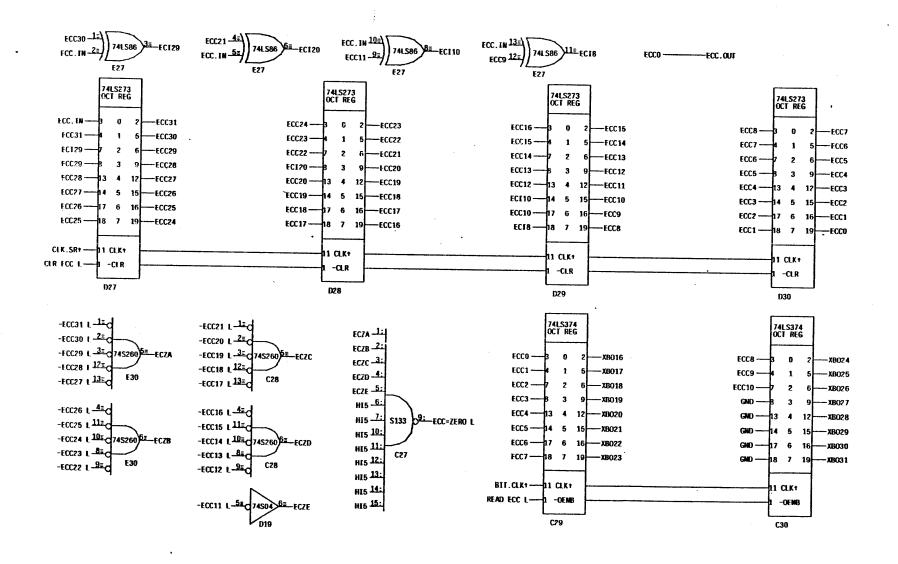
30-SEP-1978 01:18

AI: CADRDC; DCCMD









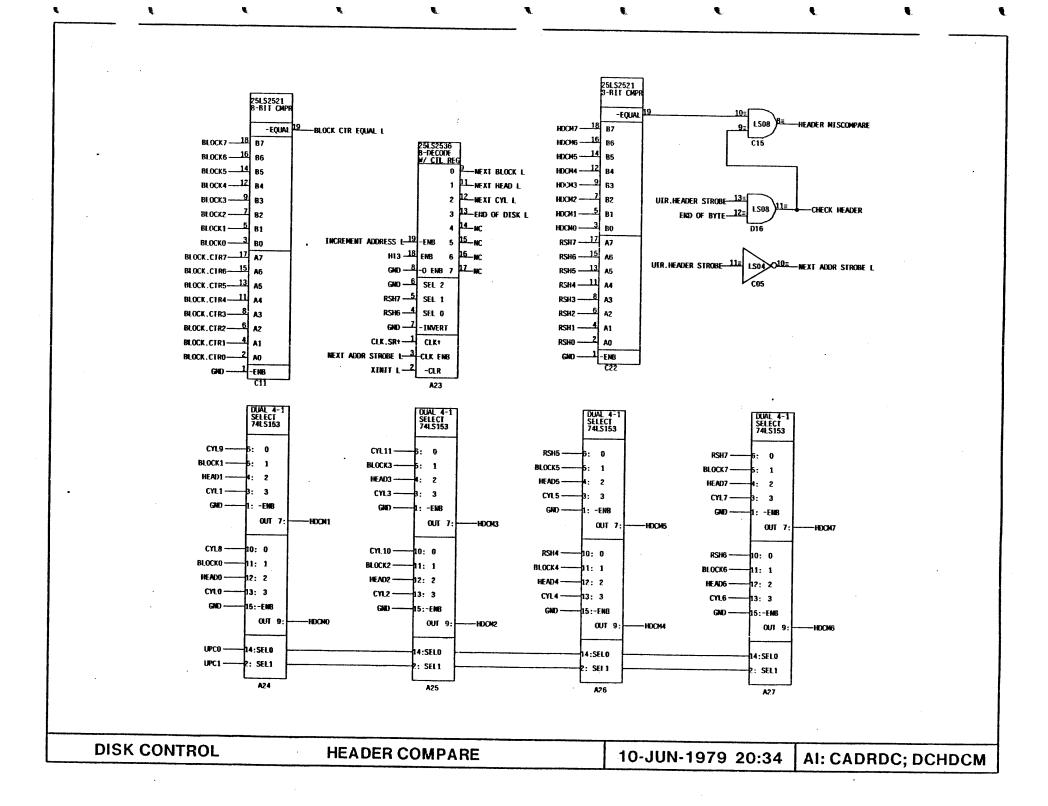
GROUNDS TO DISK MUX BOARD **€**C2> --- XINIT **Ø**□> -SEL UNIT ATTENTION (IND) (NI) -ANY ATTENTION **4II**> -UNIT O ATTENTION **€**C2>-**€**C2> **(UZ)** -LOAD DA L **₫**□>-**€ €**KZ>-4ND-€NI>--NO SELECT III)-**€**ID>--MULTIPLE SELECT **(CZ) €C2> ₩2>** -WRITE DATA **(II)**-ŒD≻ **CND** (III) **€**192> -DISK.CLK1 **⊄II**> €ID> -READ DATA **112>** -BLOCK.CLK+ **€**002> -BLOCK.CTRO 4<u>W</u>2>--BLOCK.CIR1 JUMPERS FOR 1-BOARD VERSION: -BLOCK.CTR2 DE2 - DF2 - DH2 **(EZ**)-DN1 - DM2 -BLOCK.CTR4 ET1 - EP2 - ER2 - ES2 **€**H2>--BLOCK.CTR5 **€**J2>--BLOCK.CTR6 OMITTED DIPS IN 2-BOARD VERSION: -BLOCK . CTR7 **€**12>-A10 B7 BE CERTAIN TO EDIT THE RAY FILE FOR UNDEDICATED -UNIT2 GROUND PINS ON J1, J3 **(112)** -CYLINDER TAG L -HEAD TAG L

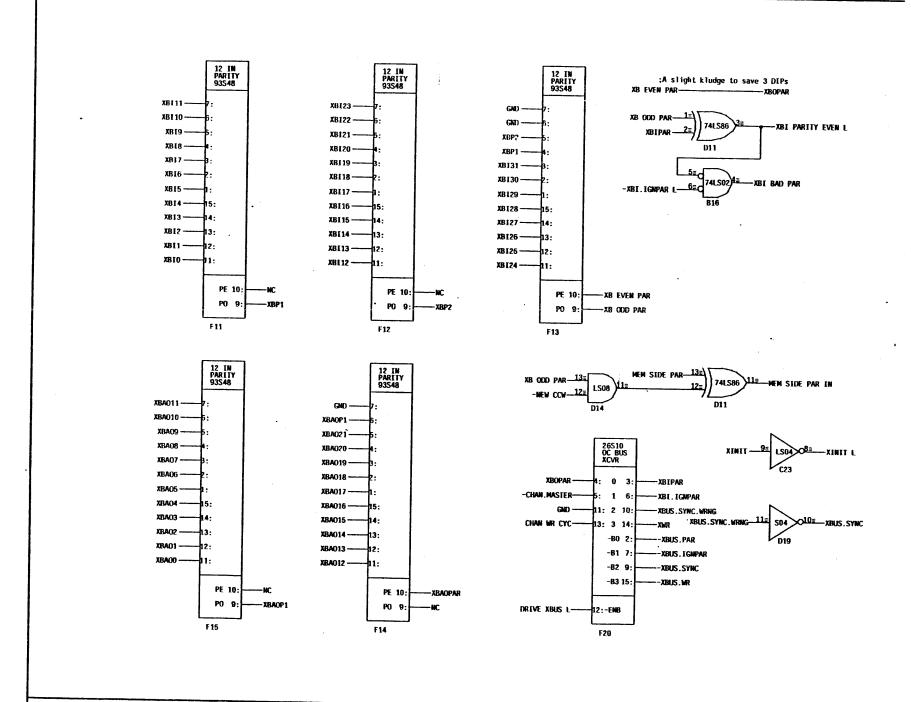
**DISK CONTROL** 

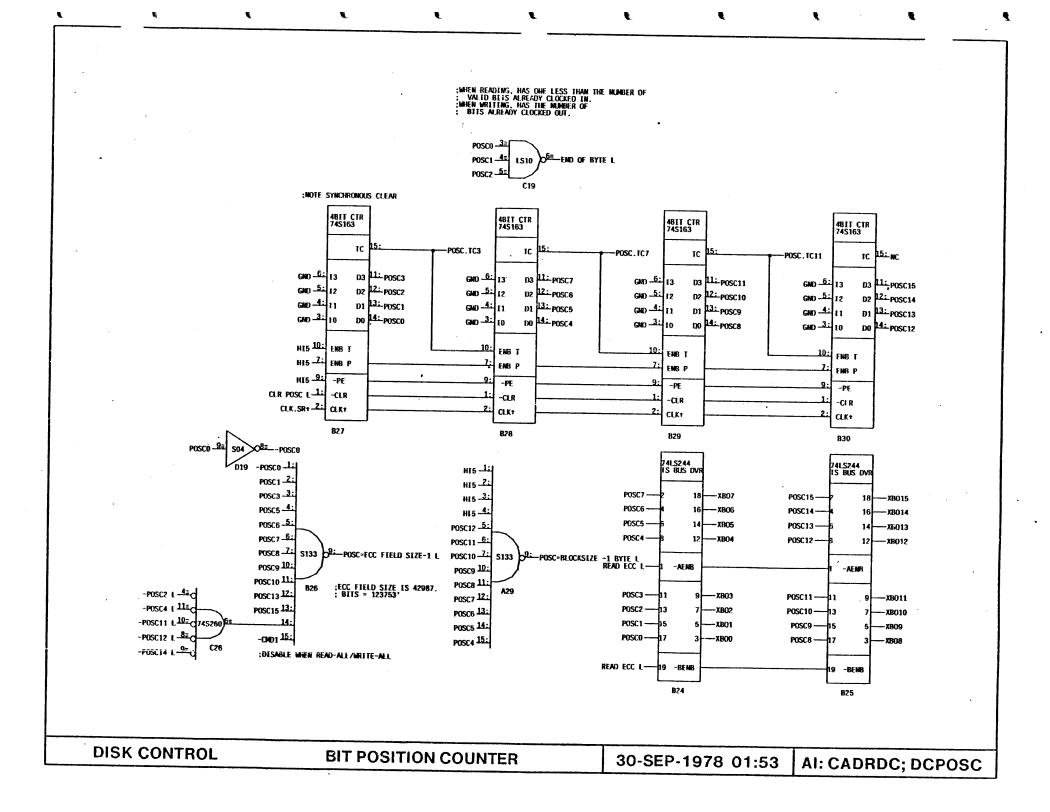
**EDGE CONNECTIONS** 

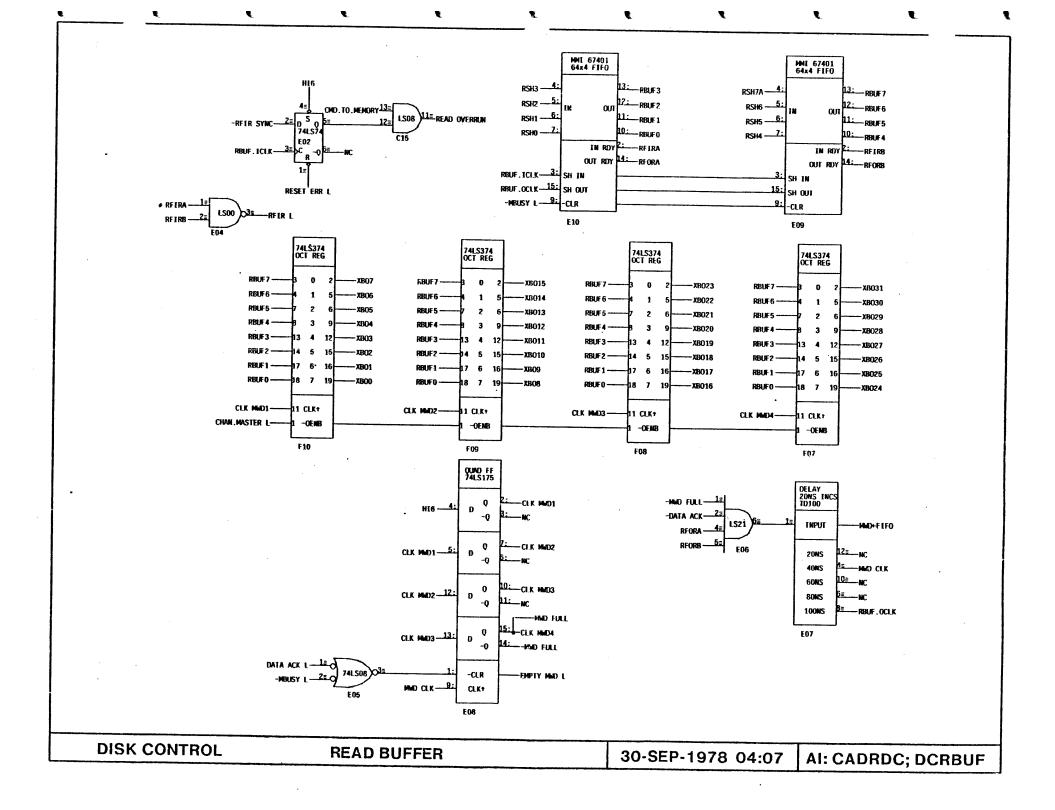
10-JUN-1979 20:33

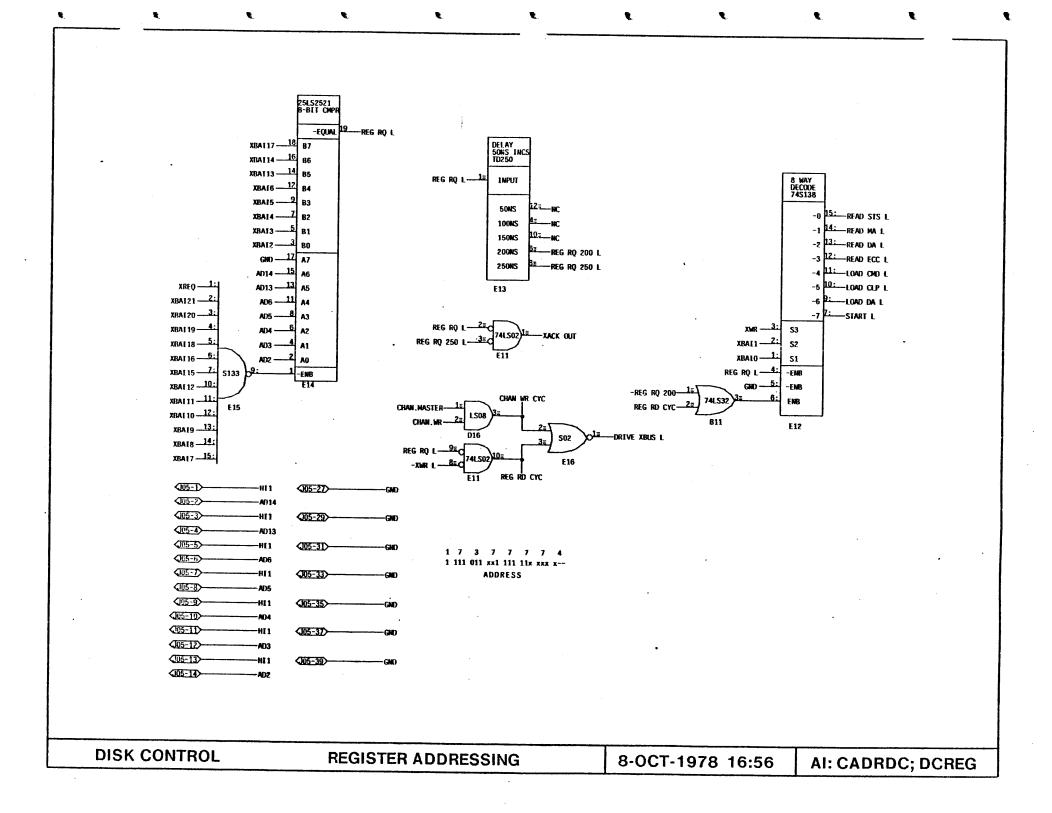
AI: CADRDC; DCEDGE

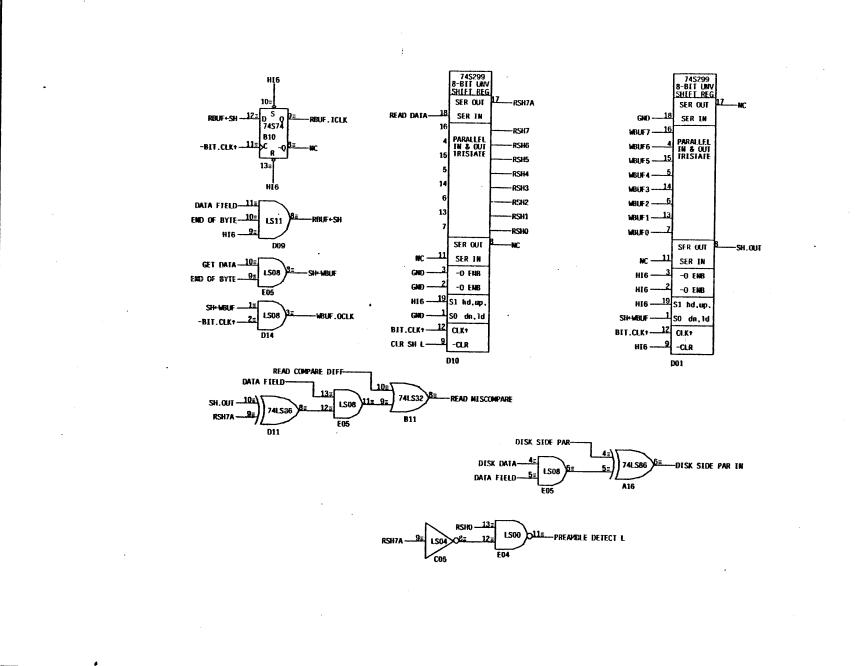










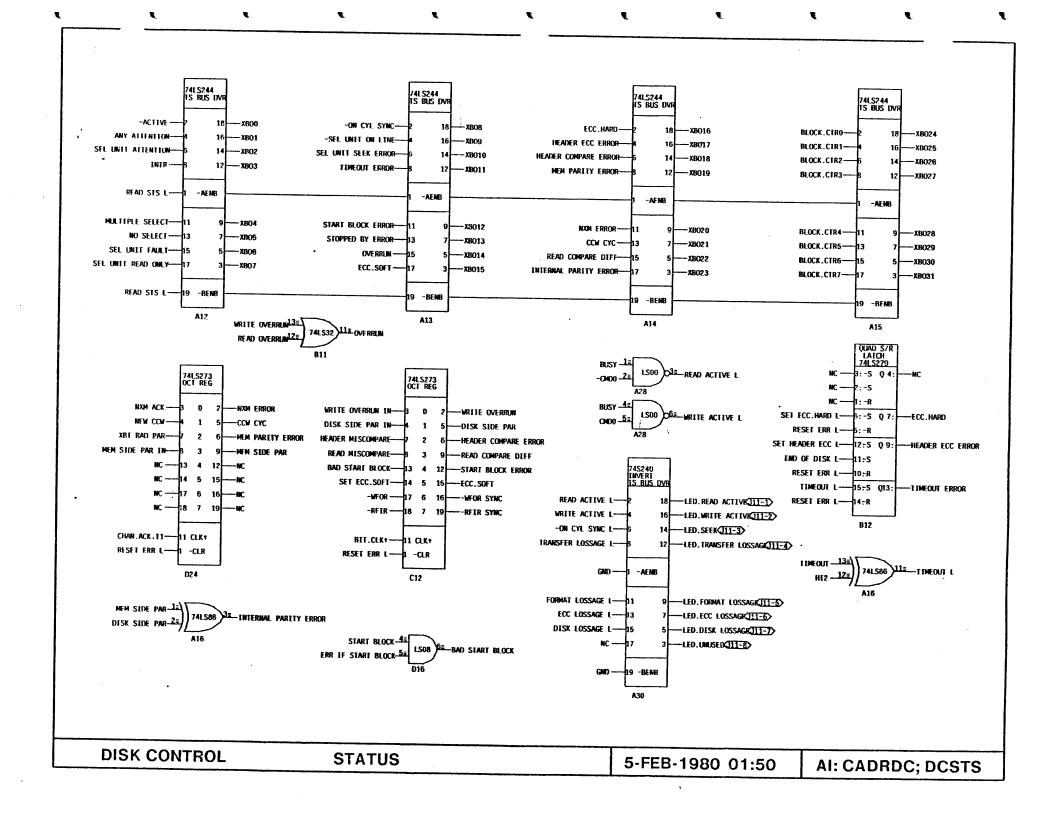


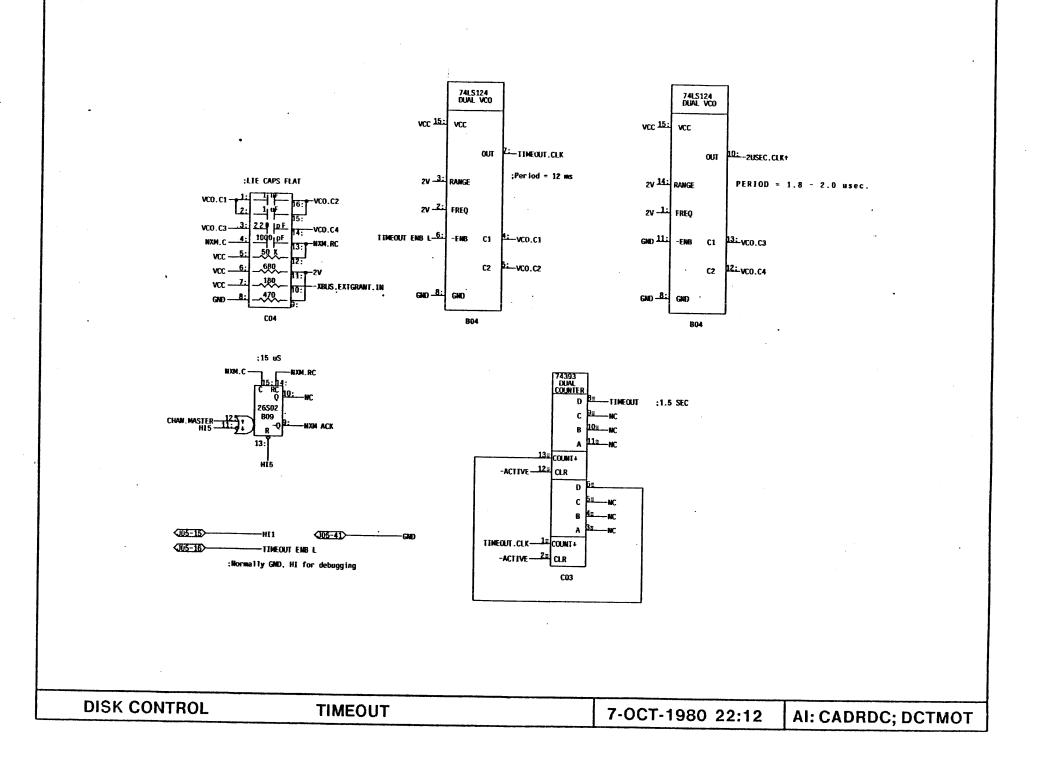
**DISK CONTROL** 

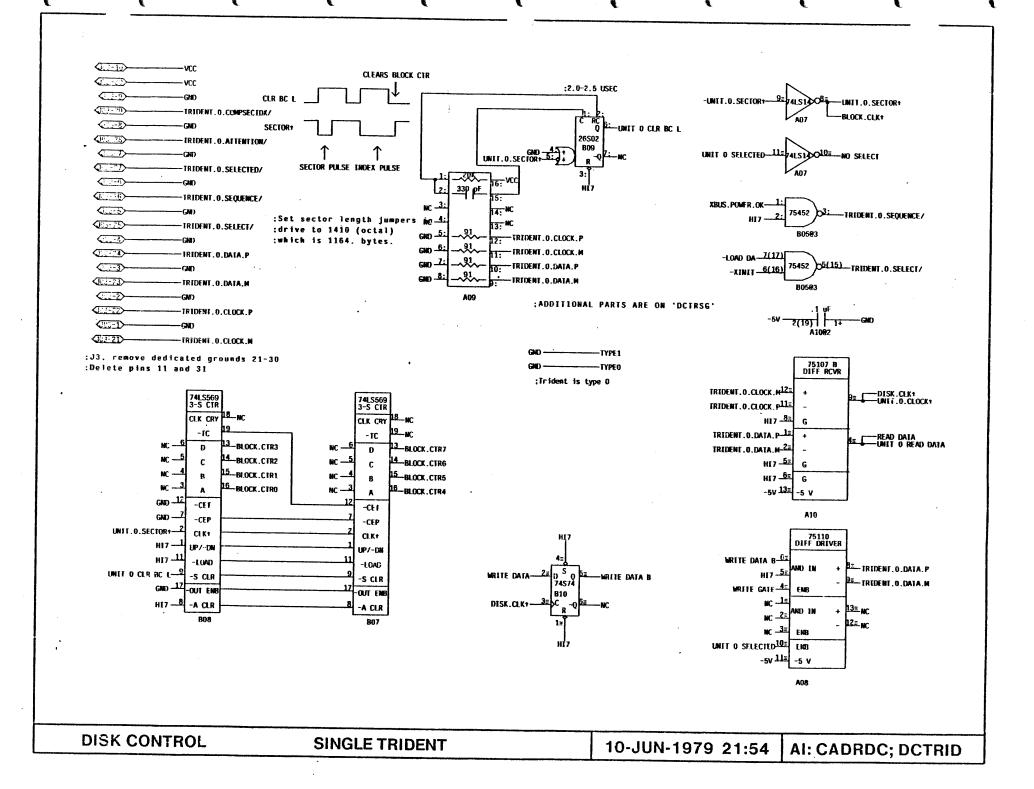
SHIFT REGISTER

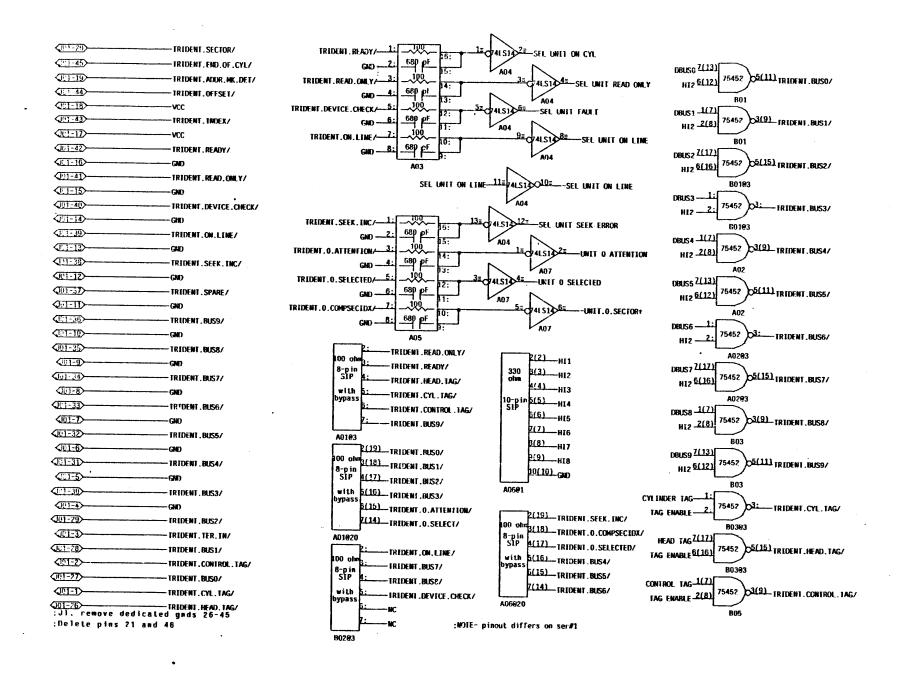
10-JUN-1979 20:37

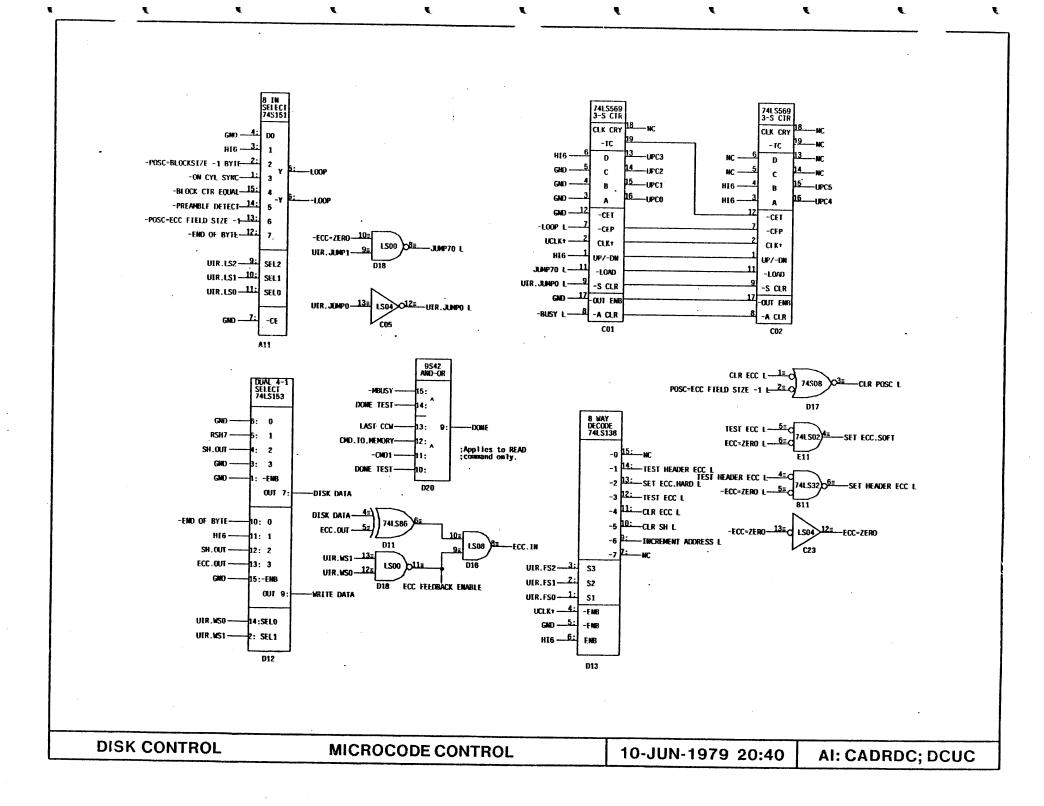
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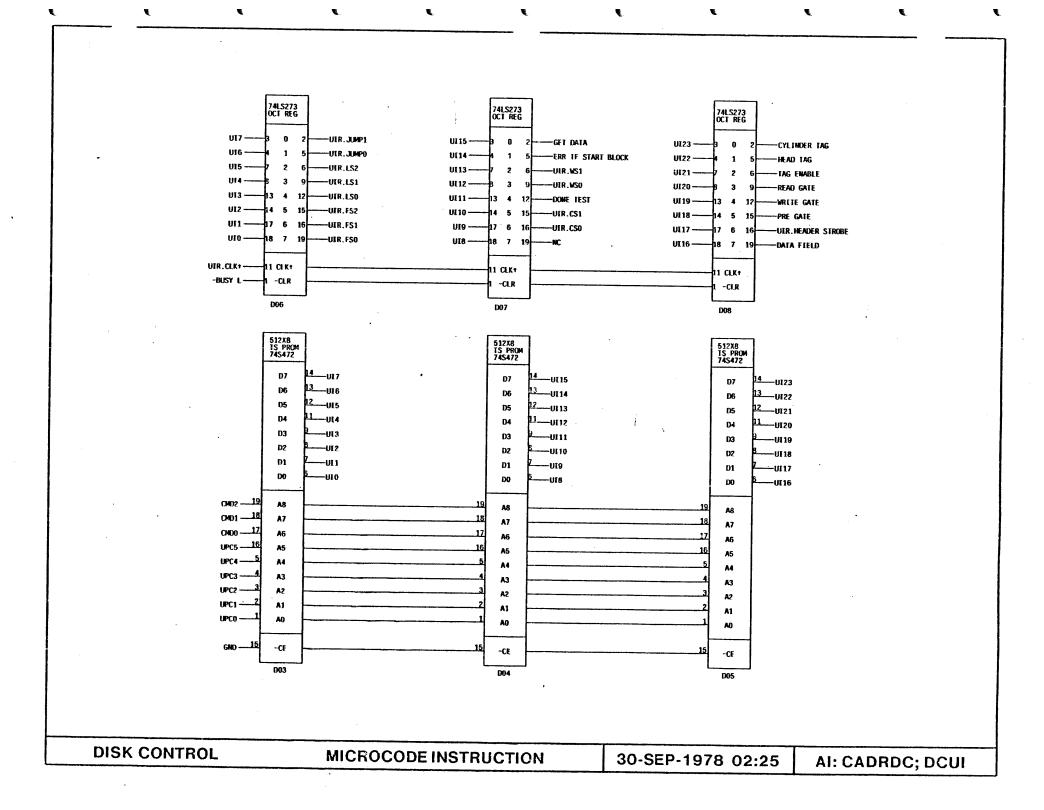


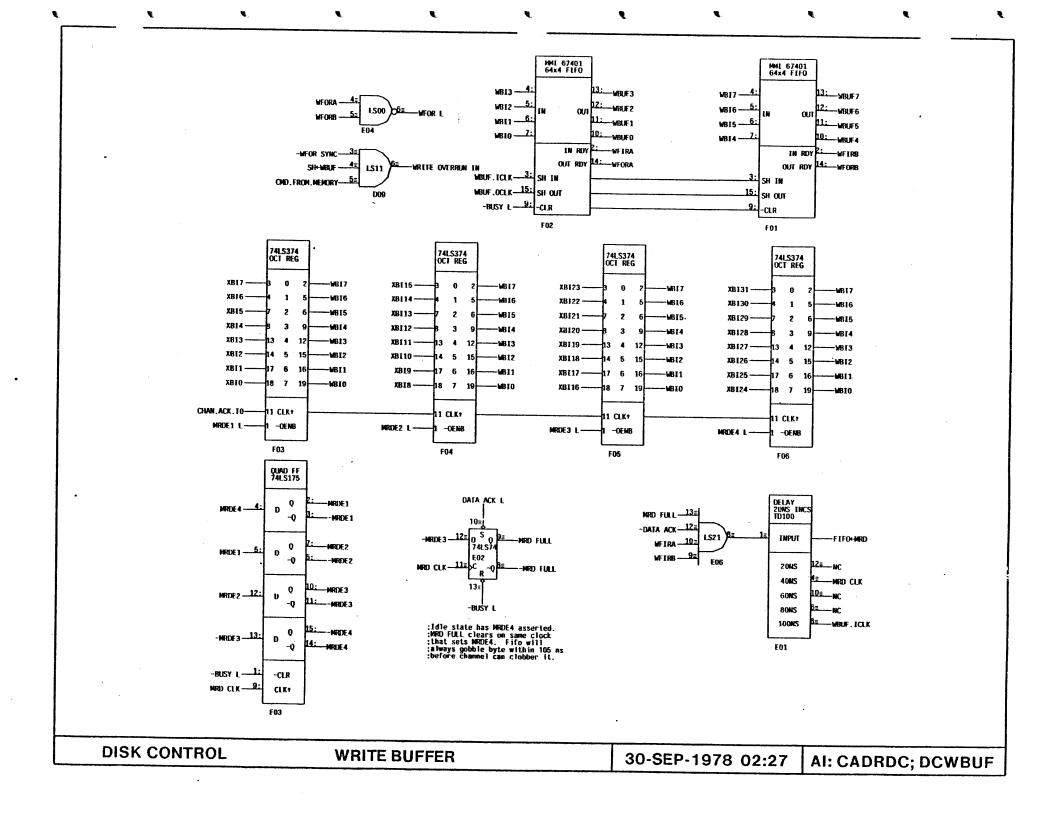


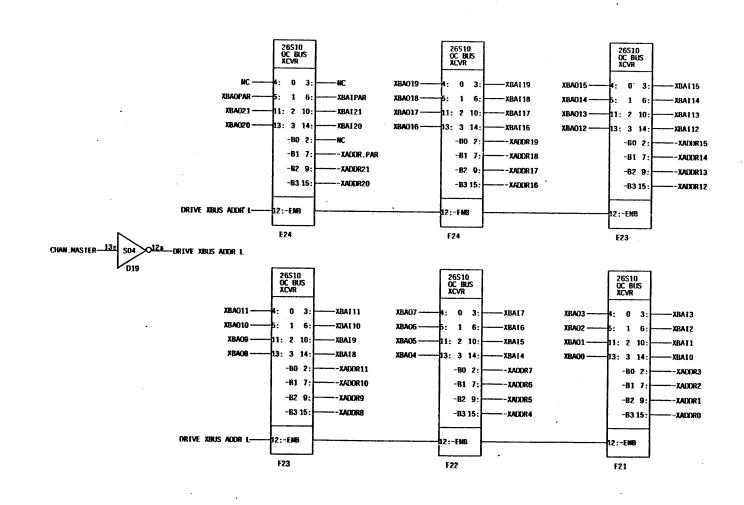


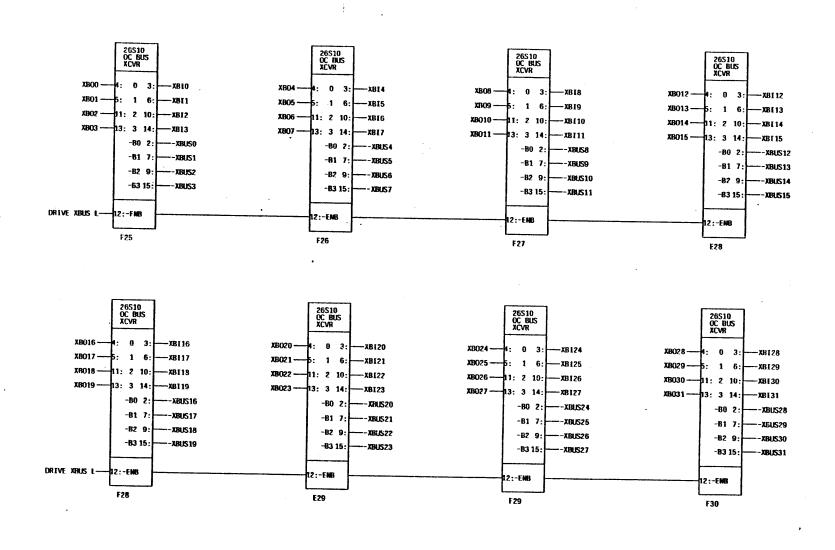












--~XBUS.PAR **€**□D>-€V?>-------------------------XADDR0 CE2>-----XBUS.ACK 481/2>------- XBUS1 √F2

——-XBUS.WR €JZ>--------XBUS. INII ⟨ATT)>-----GND √K?

→ ¬XBUS.FXTRQ √MID

→ GND

→ GND €ÃT)------xæuss Ø∏>——GND √H2

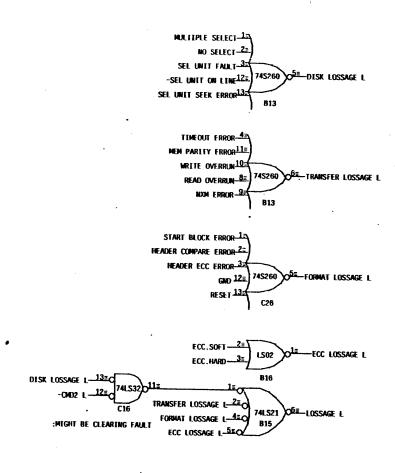
-XBUS.SYMC €EEZ>----GNO €EED ——— GMO √UZ

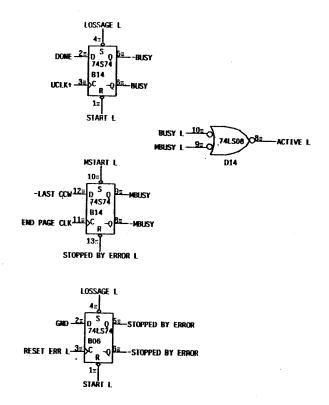
—xrus8 €ND -----GND CKID-----XBUS.POWER.OK €[[2] ------GND **€** GHD ——— GHD CND-GND (RZ)--XADDR13 (PI) ------XBUS16 €ED-----+12V ◆RID----+12V **€**¥2>--XADDR18 OSD----+12V **(MI)** -------XBUS19 ALZ -XBLIS20 √ALI

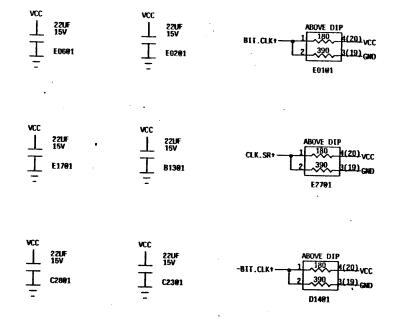
√XBUS21 **⟨**B2⟩----√XXI

-XBUS23 **€82>-----**-5∨ AU2>-XBUS24 **€**E2>--4ED-**⟨**H2⟩-€B2>-------5v AII) **(4)** -------XNUS28 **(112)**-45V----+5V √EID — XBUS30 €A2>--**(112)**-**₹**A2>--€A2>----+6V **4CD---**€A2>----+5V €A2>----+5V 

**XBUS** 







|                           | CE2>XEUS.PAR   | €E2>   | CUZXPUS. RQ                              |
|---------------------------|--|--|--|
| •                         | SET)   | ORCEAN   | CT2>XBUS.ACK                             |
|                           | ₹ <u>₩</u> 72>   | €VI>XADDR1   | €12>                                     |
| 4775                      | (D1)   | XADDR2   | CIIZ>XBLS. IGNFAR                        |
| - SND                     | TO THE STATE OF TH | EUDXNIIR3  | CJ7>XBUG, THI!                           |
| ₫TD——GND                  | ◆BET >XINUS4   | ÆTZ>XADDR4   | CKZXSUS.EXTEQ                            |
| GND                       | ◆EFI>  | 452>   | XBUS, BUSY                               |
| - GND                     | ₹¥2>xsius6   | - XADORG   | ✓M2>                                     |
| €€€2>GND                  | √√1 → XIIUS7   | ₹EEZ>  | CPZ                                      |
| GID——GND                  | AU2  | -XADOR8  | CHI)                                     |
| (M)                       | AUI>   | ₹₽₹>   | CJ1)———————————————————————————————————— |
| €IID———GND                | ₹AIZ>xisus10   | SET  | CKI)——XBUS.POWER.OK                      |
| <b>€</b> €€22 GMD         | . 4852>  | ⟨INZ⟩  | ADDS: FORER, OR                          |
| Œ∐>GND                    | ASI>XBUS12   | ATT - XANDR12  |  |
| ŒDGND                     | <b>△RZ</b>   | ANDRI3   |  |
| €III>GND                  | ARI)————XBUS14   | €1.2>  |  |
|                           | AF2 XRUS15   | ELI)———-XADOR15  | •  |
|                           | API)——-XBUS16  | √IK2>XADOR16   |  |
| <b>⊕PI&gt;+12V</b>        | ₹₩Z}   | €KD  |  |
| ØŘI>+12V                  | -XBUS18  | 4J2 XADDR18  |  |
| <b>OSD</b> +12V           | -XBUS19  | ÆJID   |  |
|                           | AL2>-XBUS20  | AND XADURZO  |  |
|                           | ⟨SLI⟩ XBUS21   | CHI XADDR21  |  |
| <b>△B?</b> >5∨            | - XBUS22   | The state of the s |  |
| <b>₫</b> ₿2>——-5 <b>v</b> | ARUS23   |  |  |
| <b>€B</b> 2>5 <b>V</b>    | AUZ XBUS24   |  |  |
| ØB2>5v                    | ⟨ŒŢŢ⟩———————————————————————————————————   | CMI)   |  |
| €82>5v                    | ⟨₩12⟩  | CL!>——XBUS37   |  |
| <b>₫፱</b> 2>5v            | - XIIIS27  | CED-XBUS38   |  |
|                           | XRUS28   | <b>₹</b> D1>   |  |
|                           | AEZ  | CCI)———XBUS40  |  |
| 4A2>+5V                   | ÆEI)   | ØBID → ZBUS41  |  |
| €A2>+5V                   | ₹102>xbus31  | THE MINUTE   |  |
| ₹ <u>₩</u> 2>——+5V        | <b>₹</b> 01  |  |  |
| <b>₫Ã2</b> >+5V           | 4C1)   |  |  |
| -€£2>+5V                  | <b>₩</b> 11>   |  |  |
| € <b>X</b> 2>+5v          | -XBUS35  |  |  |
|                           |  |  |  |