

SPARE GATES

LS00	A3	8.9.10	11.12.13
	H28	11.12.13	
	J12	8.9.10	11.12.13
LS02	E6	8.9.10	
F00	J29	11.12.13	
	L6	8.9.10	
	G3	1.2.3	
F02	J27	11.12.13	
	J1	11.12.13	
	L4	11.12.13	
	J2	1.2.3	4.5.6
LS04	C5	10.11	12.13
	C13	10.11	12.13
F04	H31	3.4	10.11 12.13
	H27	10.11	12.13
	E10	5.6	LIFTED PINS
S04	K8	3.4	5.6 8.9 10.11 12.13
F07	E19	3.4	5.6 8.9 10.11 12.13
F08	H4	11.12.13	
	H25	4.5.6	8.9.10 11.12.13
	A17	11.12.13	
	L17	4.5.6	8.9.10 11.12.13
LS10	A8	8.9.10.11	
	H8	1.2.12.13	
F112	H1	7.9.10.11.12.13.14	
	G20	7.9.10.11.12.13.14	
F125	J13	11.12.13	
LS14	A15	12.13	
LS27	K28	8.9.10.11	
F27	D4	8.9.10.11	
F32	C3	8.9.10	11.12.13
F74	J4	8.9.10.11.12.13	
	H24	8.9.10.11.12.13	
	A16	8.9.10.11.12.13	
	D20	1.2.3.4.5.6	

SCZ-6

MULTI FUNCTION SCSI-2 CONTROLLER (URS-2)

REV	DESCRIPTION	DATE
A	2095 RELEASE	10-22-92
B	2126 R5 1/3	12-8-92

ZETACO, INC.
11400 RUPP DRIVE
BURNSVILLE, MN 55337

TITLE
URS-2 MULTI-FUNCTION CONTROLLER

SIZE	CODE	NUMBER	REV
B		700-0500-00	B

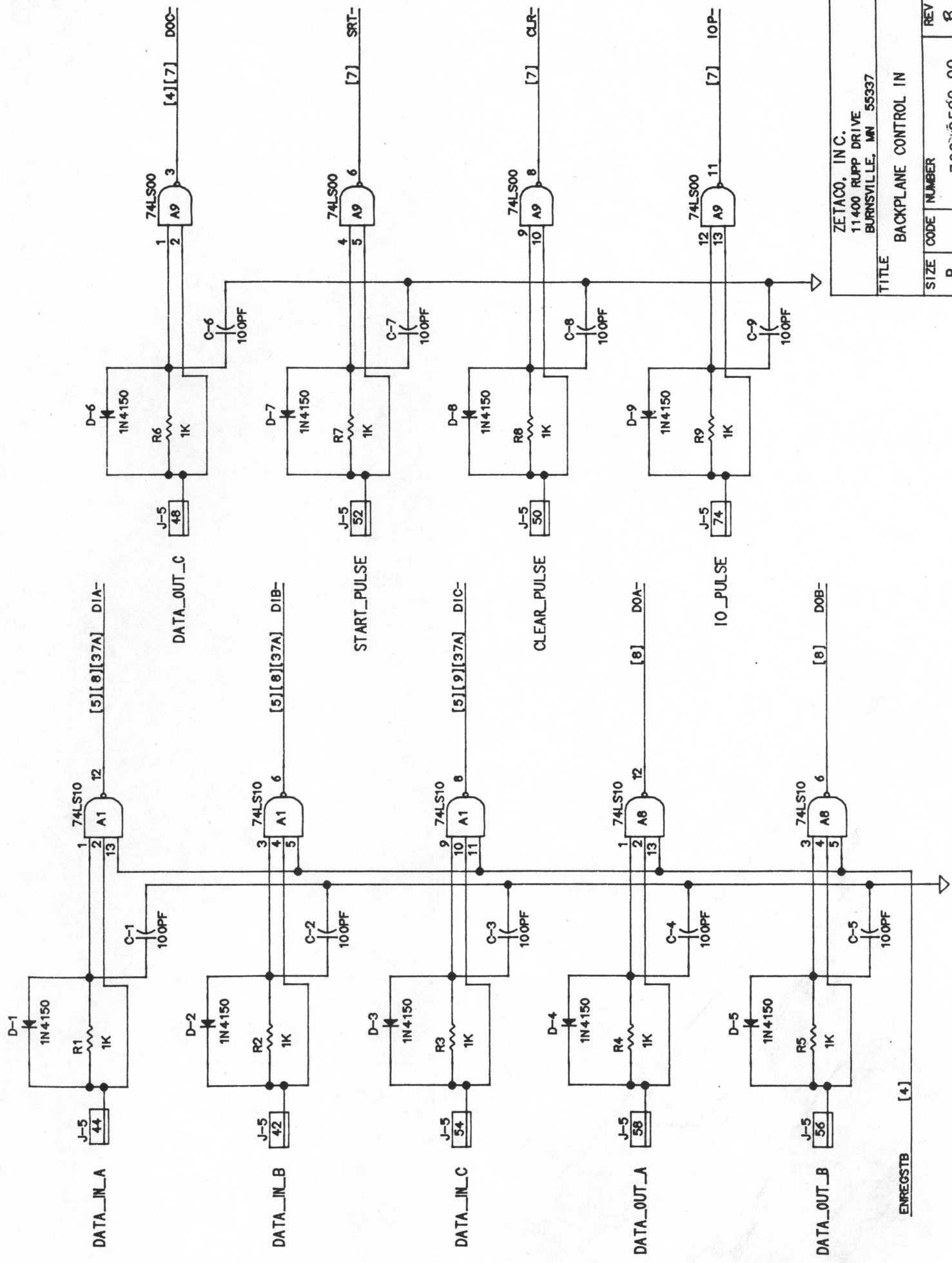
PRINT DATE JAN 1, 1992 SHEET 1 OF 48

D

C

B

A



ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE
 BACKPLANE CONTROL IN

SIZE	CODE	NUMBER	REV
B		700-0500-00	B
PRINT	DATE	JAN 1, 1992	SHEET 2 OF 48

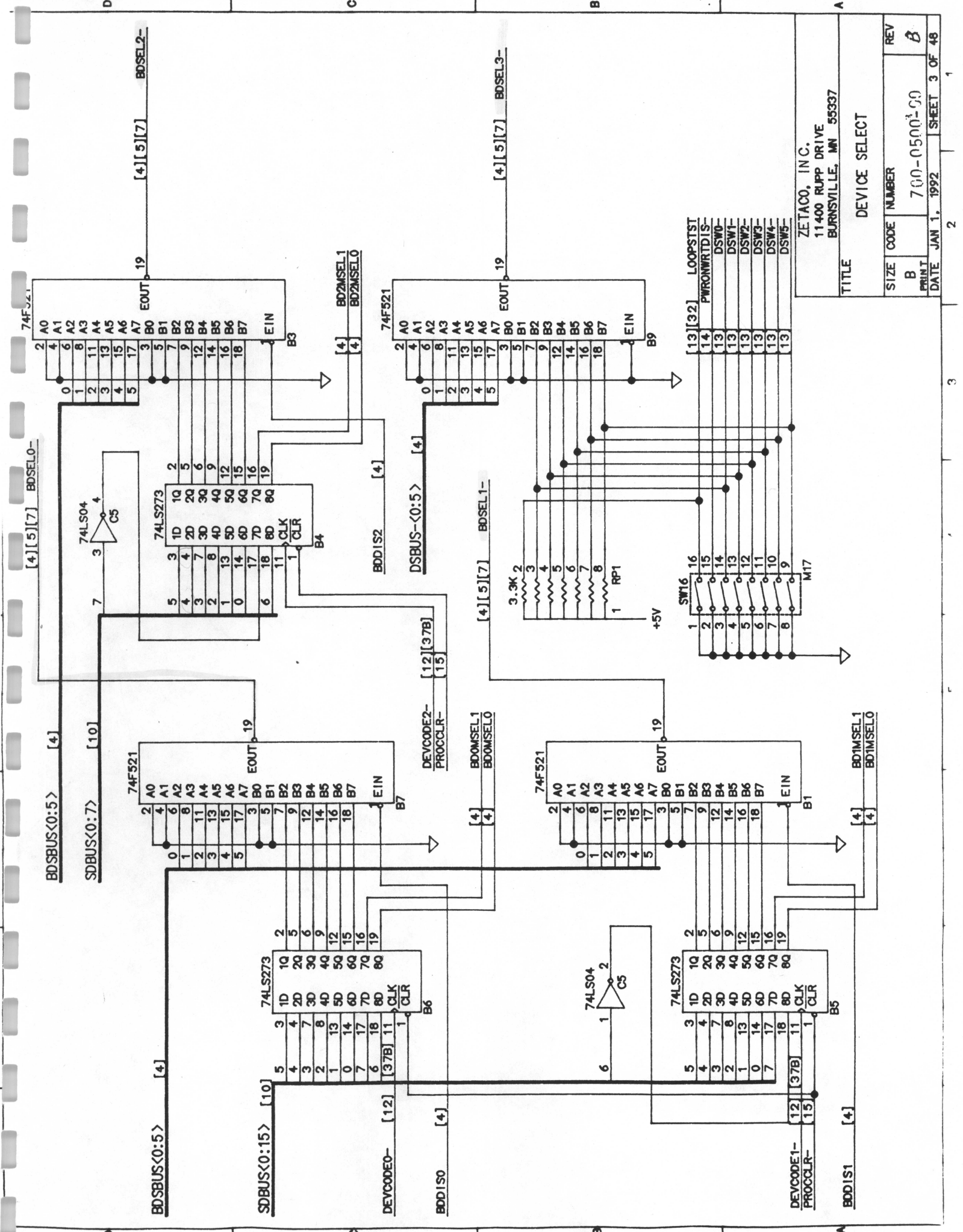
D

C

B

A

ENREGOSTB [4]



ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE	DEVICE SELECT
SIZE	CODE NUMBER
B	700-0500 ¹ -00
PRINT DATE	JAN 1, 1992
SHEET	3 OF 48

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

IO DATA STROBE ENABLE

IO RST- [11][15][18][24][25][37B] IO RST-

74LS00 A3

R10 1K

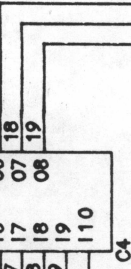
J-5 70

IO RST

ENREGSTB [2]
REGD000 [9]
REGD0001 [9]
REGD0002 [9]
REGD0003 [9]

16VBH25
1 01 12
2 02 13
3 03 14
4 04 15
5 05 16
6 06 17
7 07 18
8 08 19
9 09 20
10 10 21
11 11 22
12 12 23

BOSEL0- [3]
PIOEN0 [12]
BUSY0 [7]
BOSEL1- [3]
PIOEN1 [12]
BUSY1 [7]
BOSEL2- [3]
PIOEN2 [12]
BUSY2 [7]
BOSEL3- [3]
PIOEN3 [12]
BUSY3 [7]
DOC- [2]



74LS14 A15
C4

74LS14 A15

74LS14 A15

IO RST

74LS14 A15

74LS14 A15

74LS14 A15

IO RST

MSKO

DGRBUS [6]

7 10 12

SDBUS<0:7> [10]

74LS04 C5

74LS04 C5

74LS04 C5

MSKO

16VBH25
1 01 12
2 02 13
3 03 14
4 04 15
5 05 16
6 06 17
7 07 18
8 08 19
9 09 20
10 10 21
11 11 22
12 12 23

MSKDAT0 [7]
MSKDAT1 [7]
MSKDAT2 [7]
MSKDAT3 [7]
TAPE [13]

CONTROL [4]
BDDIS0 [3]
BDDIS1 [3]
BDDIS2 [3]

DEVCODE3- [12][37B]
PROCCLR- [15][37][37B]

ADRBUS<1:2> [10]

DS0- [72]
DS1- [68]
DS2- [66]
DS3- [46]
DS4- [62]
DS5- [64]

74ABT240
2 1A1 18
4 1A2 16
6 1A3 14
8 1A4 12
1 TOE
11 2A1 9
13 2A2 7
15 2A3 5
17 2A4 3
19 2OE

B8

MSKO

BD3MSEL1 [3]
BD3MSEL0 [3]
BD2MSEL1 [3]
BD2MSEL0 [3]
BD1MSEL1 [3]
BD1MSEL0 [3]
BD0MSEL1 [3]
BD0MSEL0 [3]

CONTROL [4]
BDDIS2 [3]
BDDIS1 [3]
BDDIS0 [3]

74LS273 C1
10 1Q 20
20 2D 30
30 3A 40
40 4B 50
50 5C 60
60 6D 70
70 7E 80
80 8F 90
CLK
CLR

DEVCODE3- [12][37B]
PROCCLR- [15][37][37B]

ADRBUS<1:2> [10]

DS0- [72]
DS1- [68]
DS2- [66]
DS3- [46]
DS4- [62]
DS5- [64]

74ABT240
2 1A1 18
4 1A2 16
6 1A3 14
8 1A4 12
1 TOE
11 2A1 9
13 2A2 7
15 2A3 5
17 2A4 3
19 2OE

B8

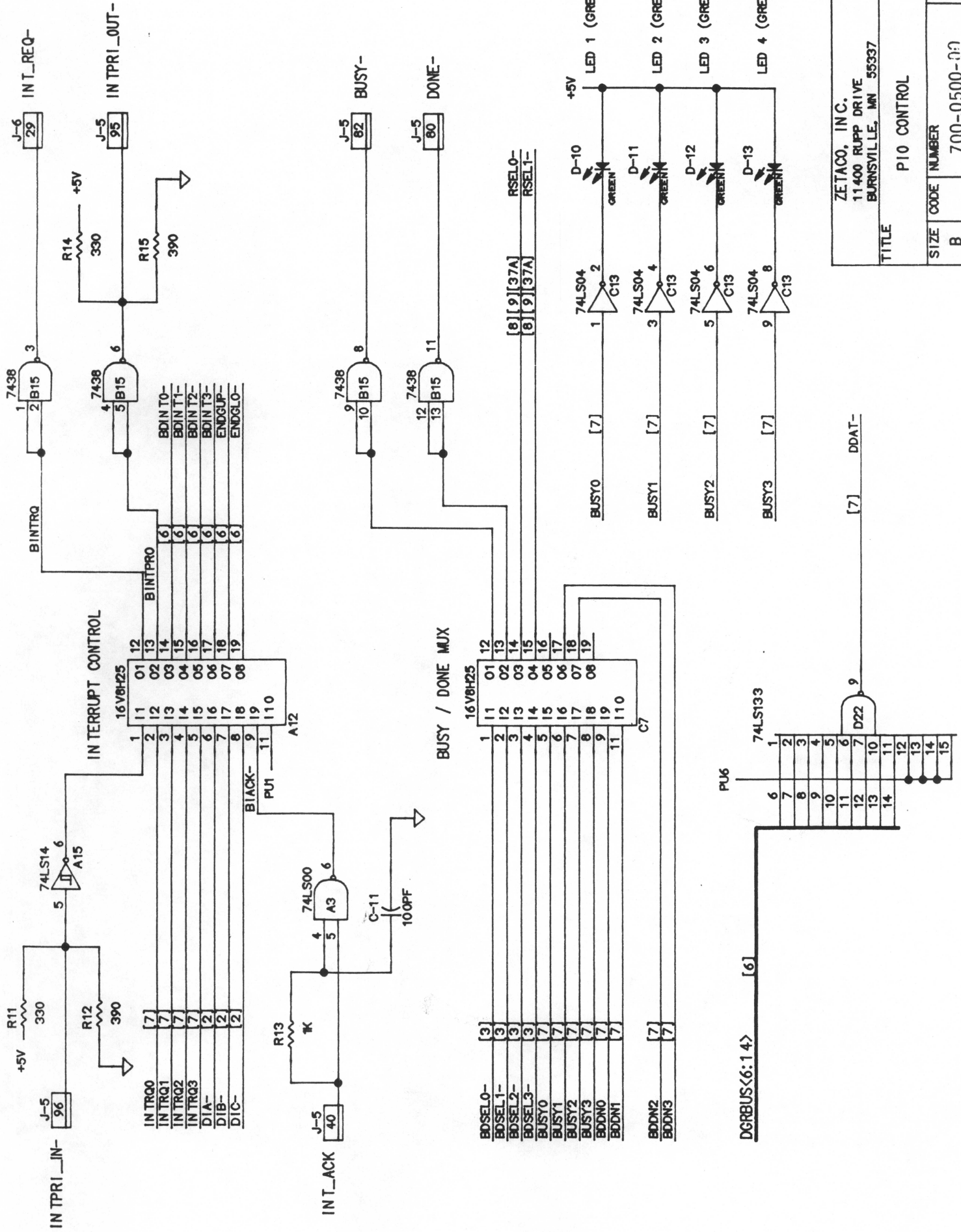
MSKO

ZETACO, INC.
11400 RUPP DRIVE
BURNSVILLE, MN 55337

TITLE

MISC PIO CONTROL

SIZE	CODE	NUMBER	REV
B		700-0500-00	B
PRINT			
DATE	DEC 1, 1992		SHEET 4 OF 48



ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE: PIO CONTROL

SIZE: B
 CODE: B
 NUMBER: 700-0500-07

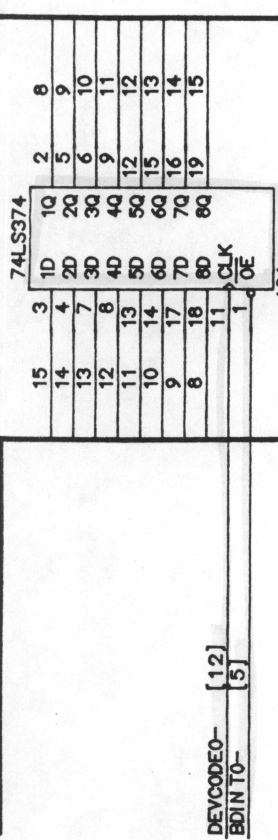
REV: B

DATE: JAN 1, 1992
 PRINT: SHEET 5 OF 48

SDBUS<8:15> [10]

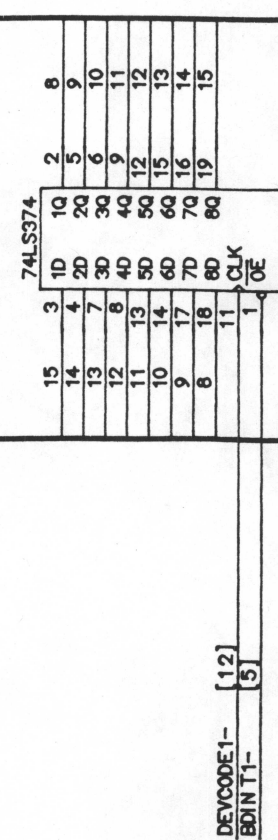
DGSBUS<8:15> [6]

D



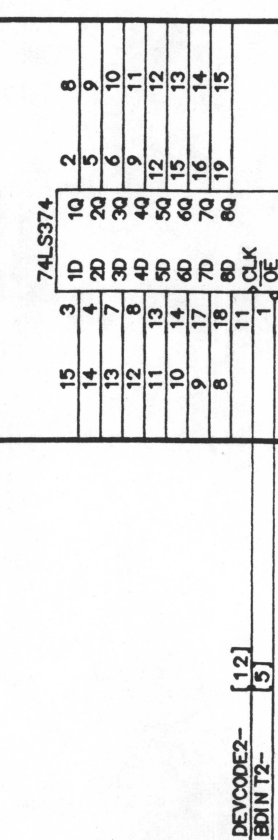
DEVCODE0- [12]
BDIN T0- [5]

A24



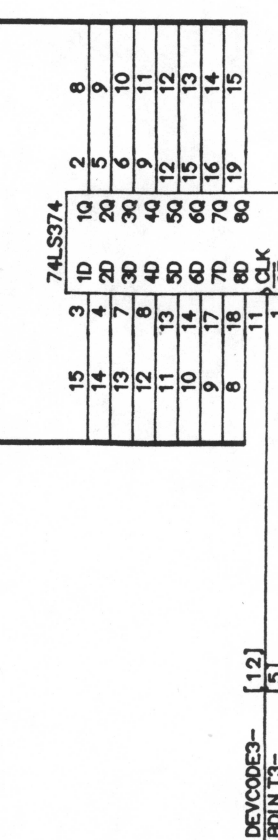
DEVCODE1- [12]
BDIN T1- [5]

A25



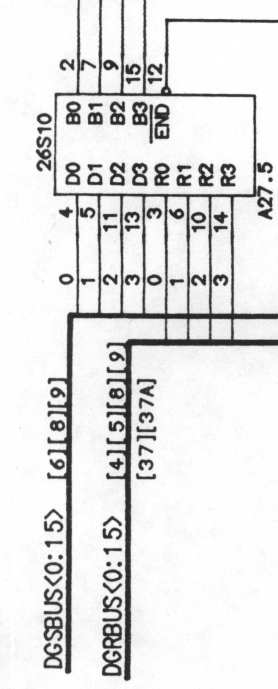
DEVCODE2- [12]
BDIN T2- [5]

A26



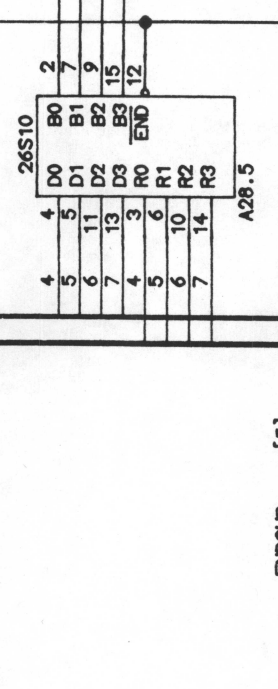
DEVCODE3- [12]
BDIN T3- [5]

A27

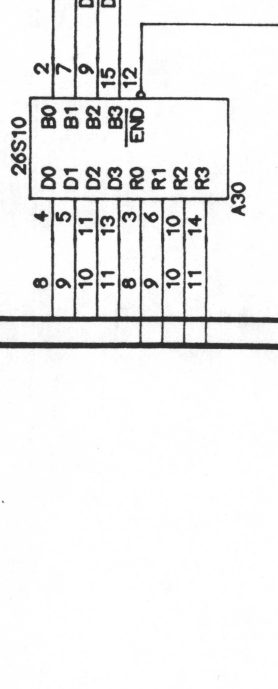


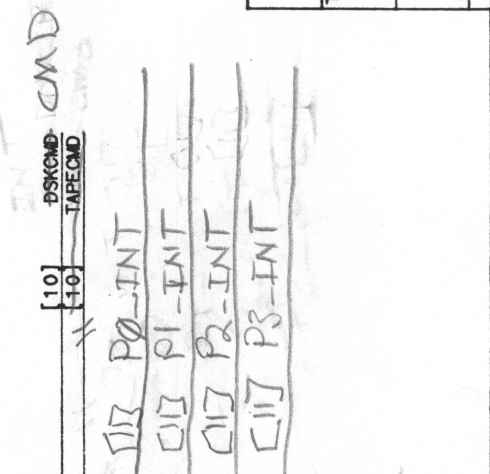
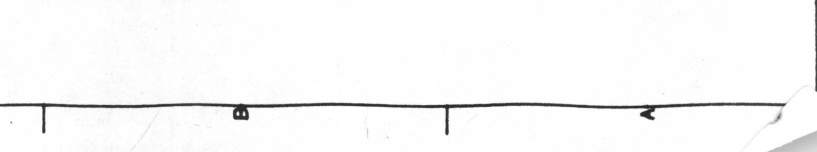
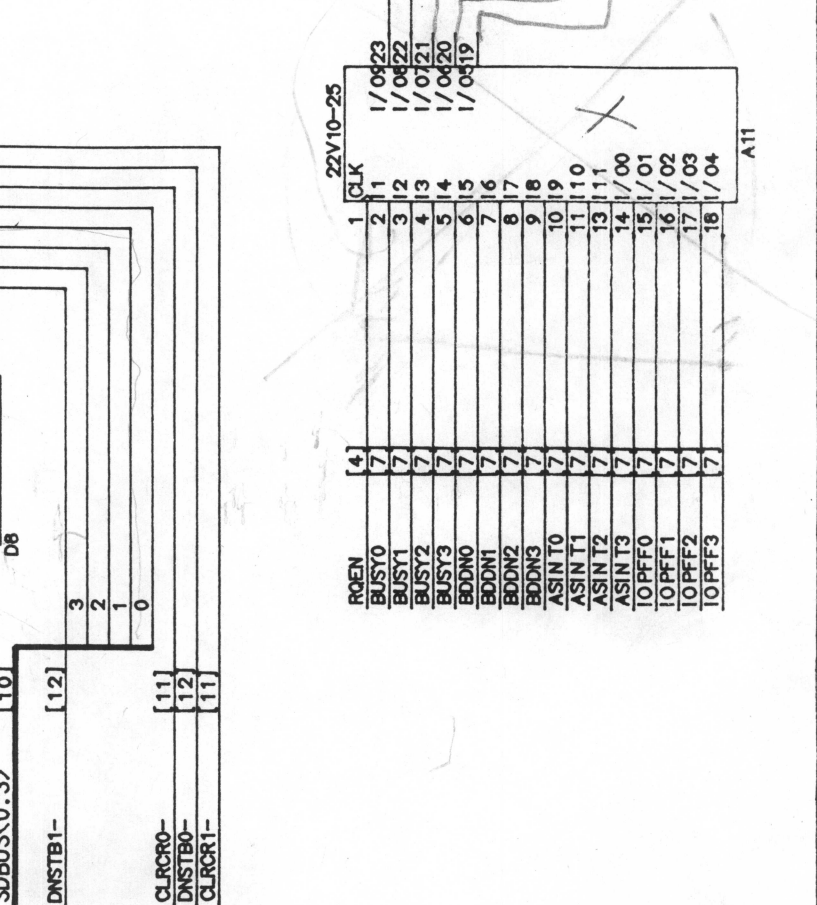
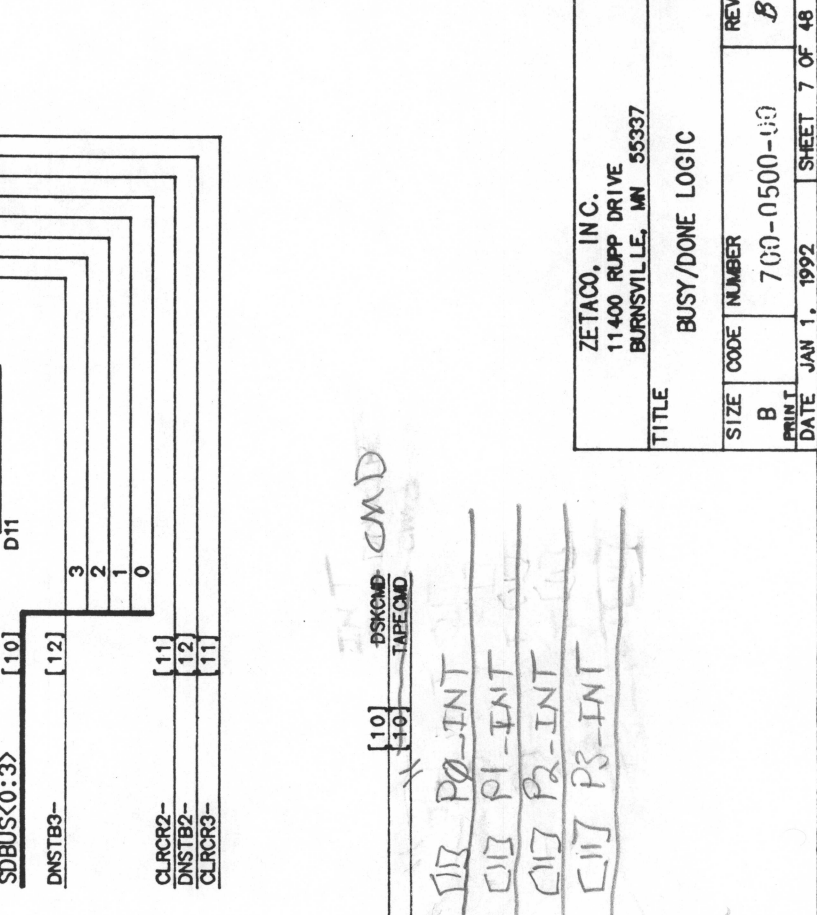
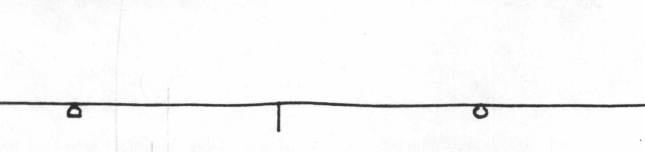
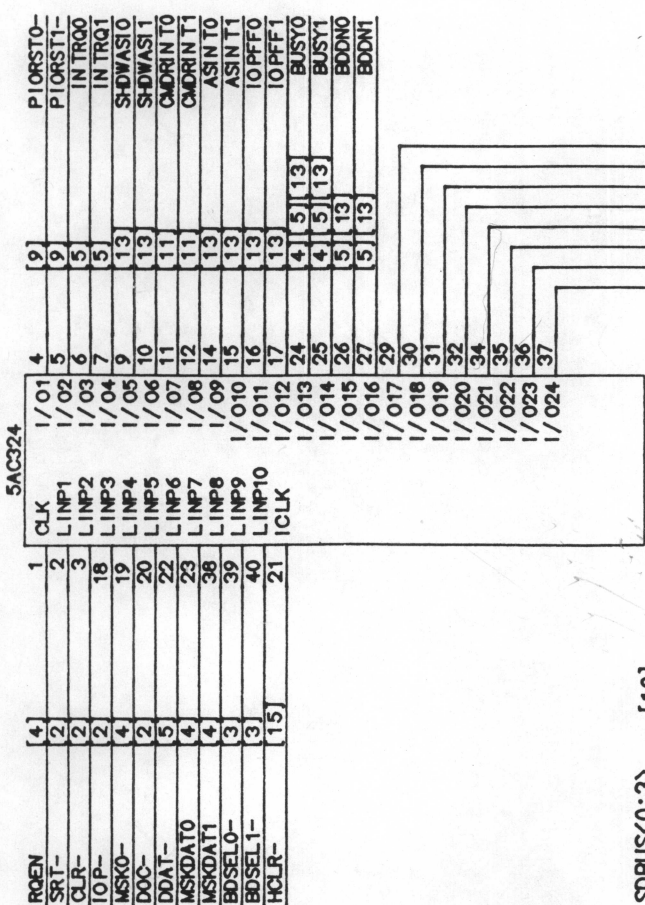
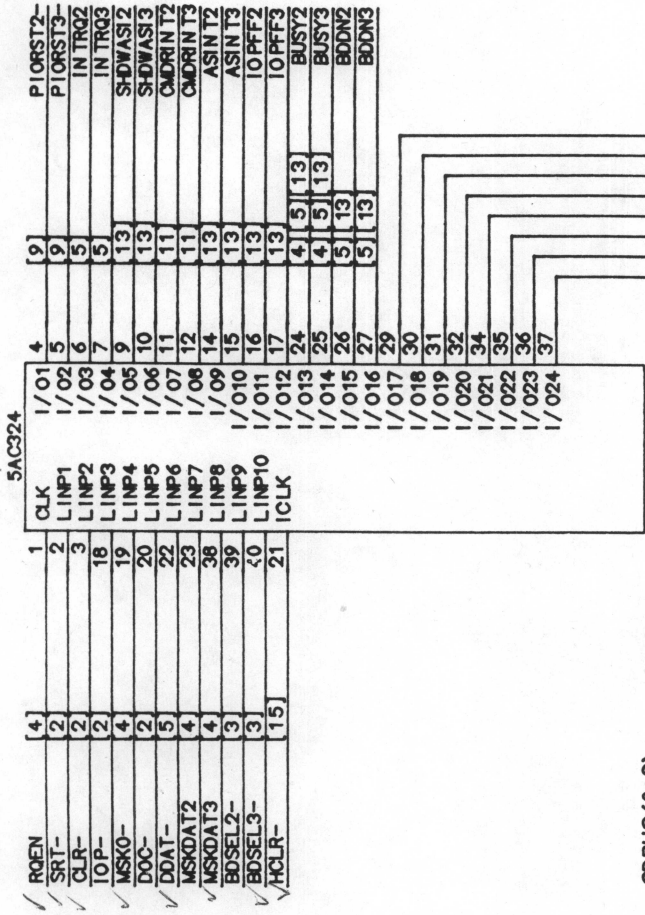
DGSBUS<0:15> [6][8][9]
DGRBUS<0:15> [4][5][8][9]
[37][37A]

A27.5



ENDGUP- [5]

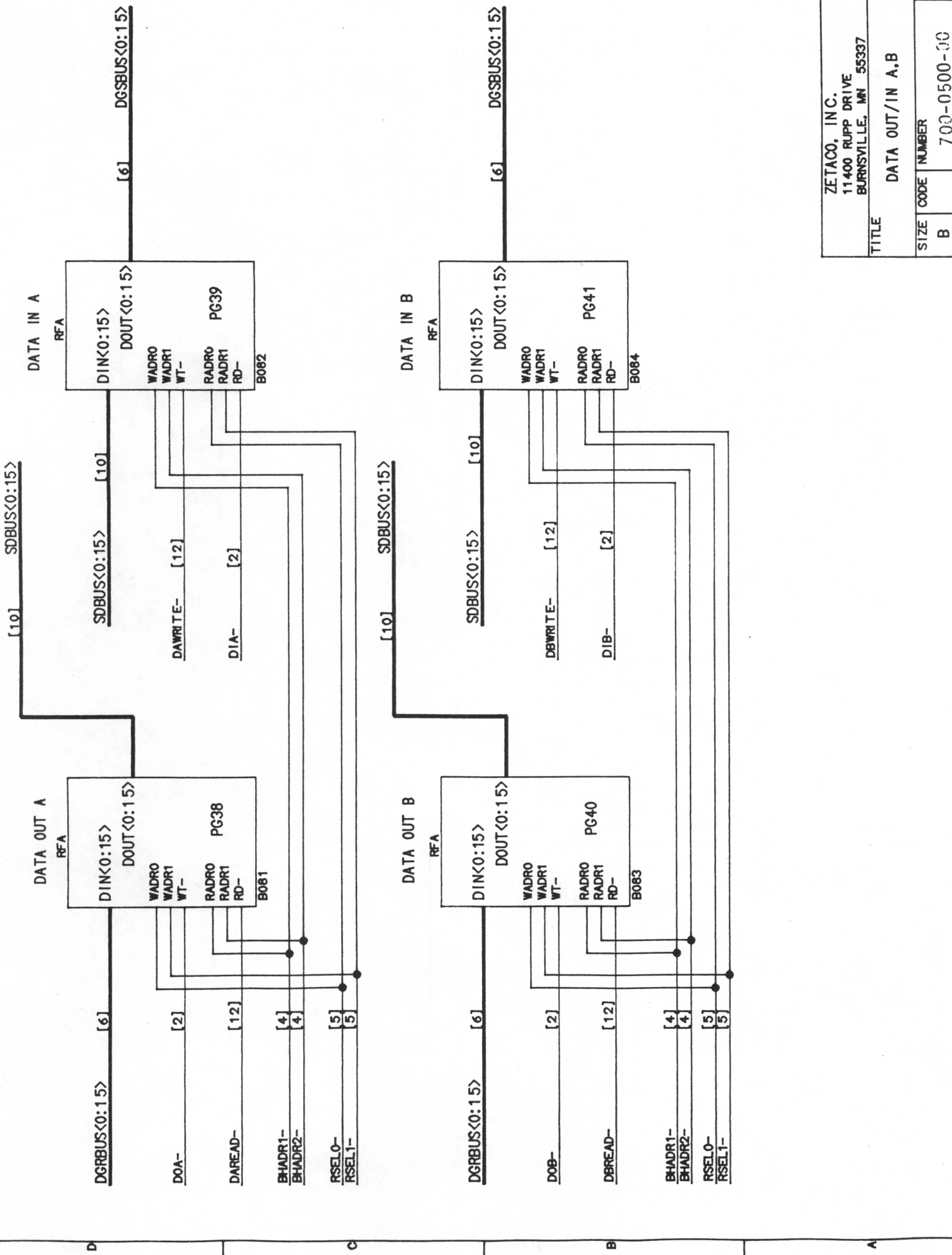




ZETACO, INC.
11400 RUPP DRIVE
BURNSVILLE, MN 55337

TITLE
BUSY/DONE LOGIC

SIZE	CODE	NUMBER	REV
B		700-0500-00	B
PRINT DATE	JAN 1, 1992		SHEET 7 OF 48



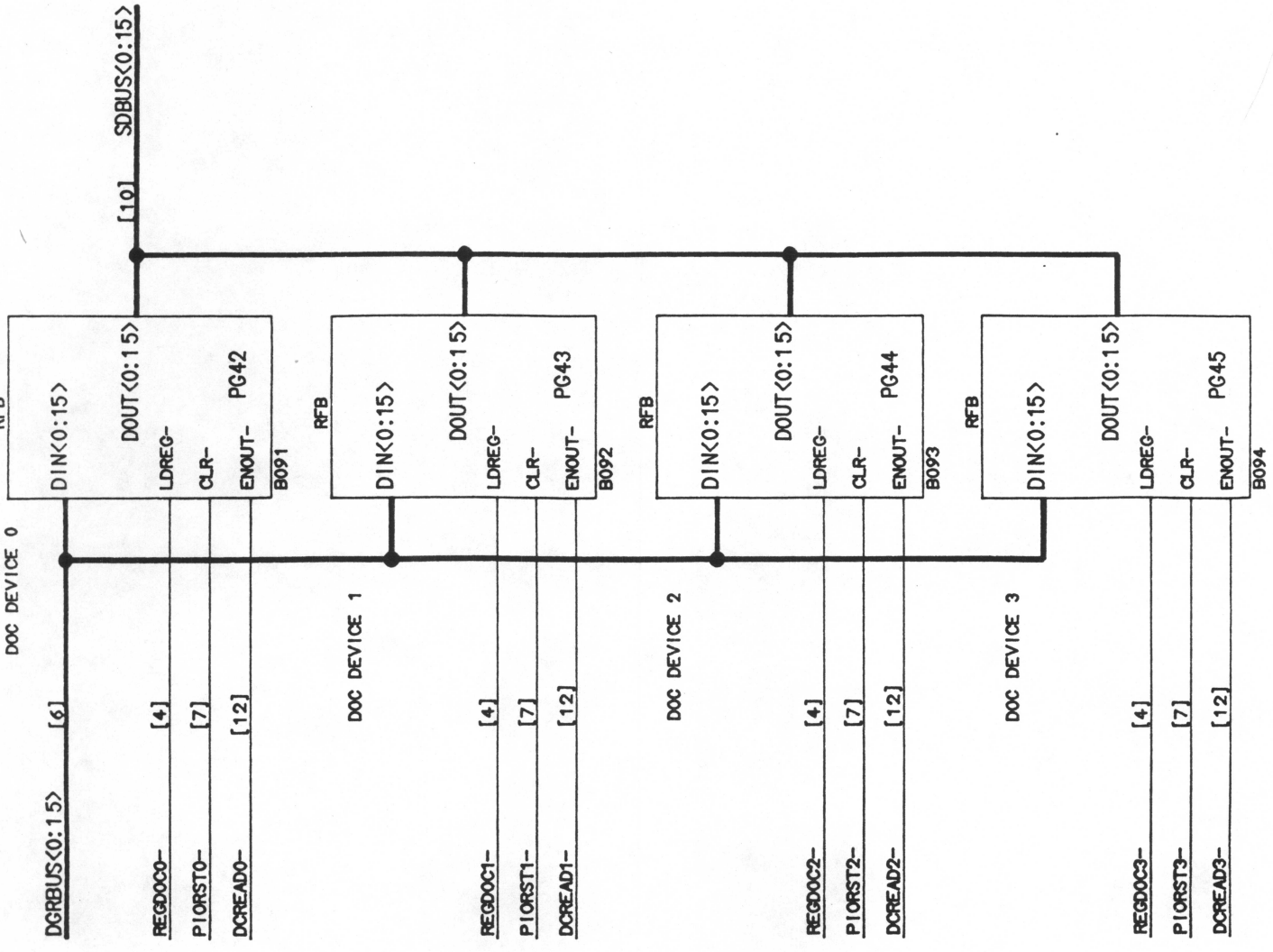
ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337			
TITLE DATA OUT/IN A,B			
SIZE	CODE	NUMBER	REV
B		700-0500-00	8
DATE	JAN 1, 1992		SHEET 8 OF 48

D

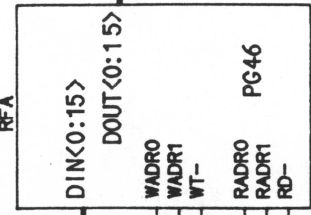
C

B

A



DATA IN C



SDBUS<0:15> [10] DCSBUS<0:15> [6]

DCWRITE- [12]
 DIC- [2]
 BHADR1- [4]
 BHADR2- [4]
 RSEL0- [5]
 RSEL1- [5]

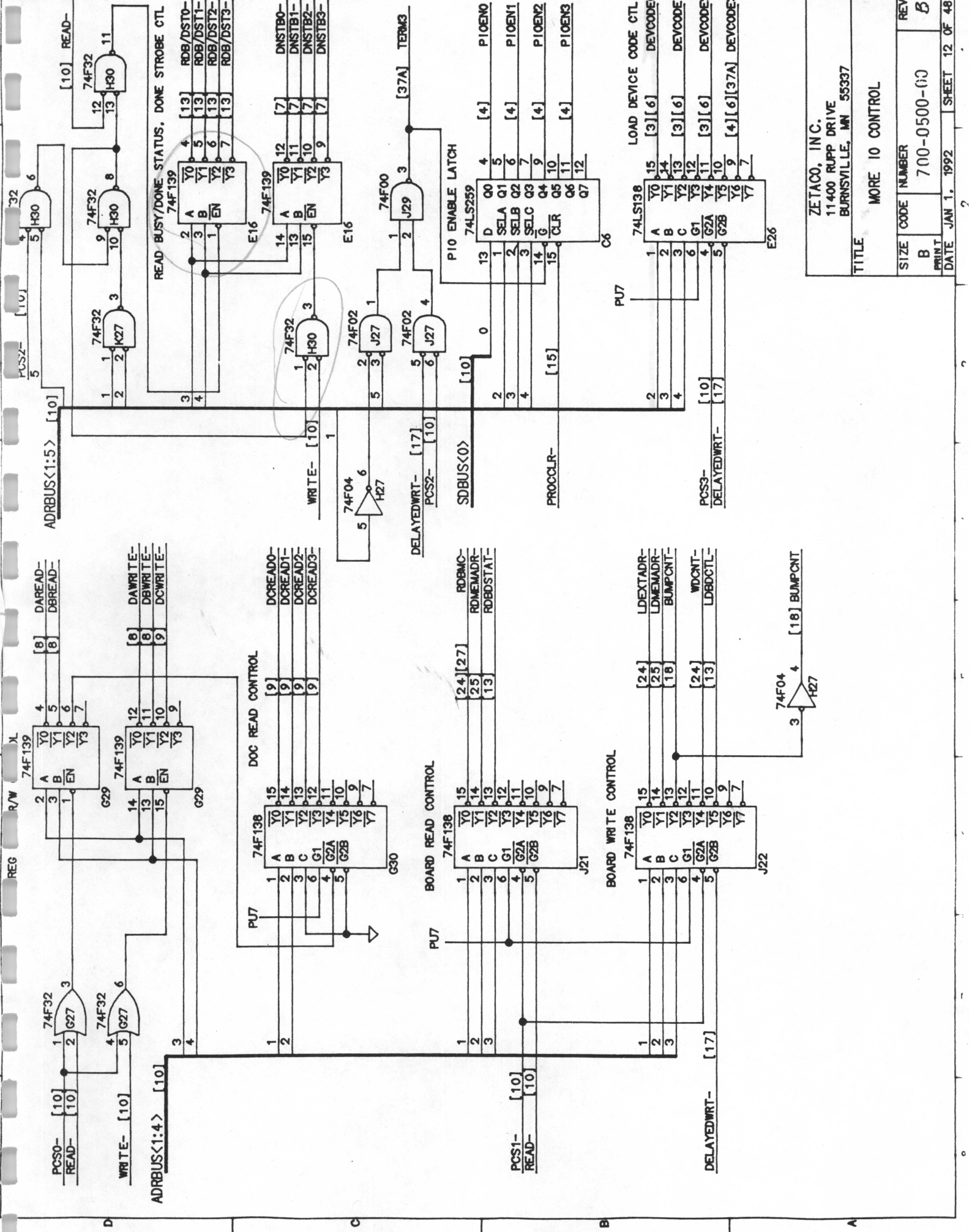
ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337		
TITLE DATA OUT, IN C		
SIZE	CODE	NUMBER
B		700-0500-00
PRINT	DATE	JAN 1, 1992
REV		B
		SHEET 9 OF 48

D

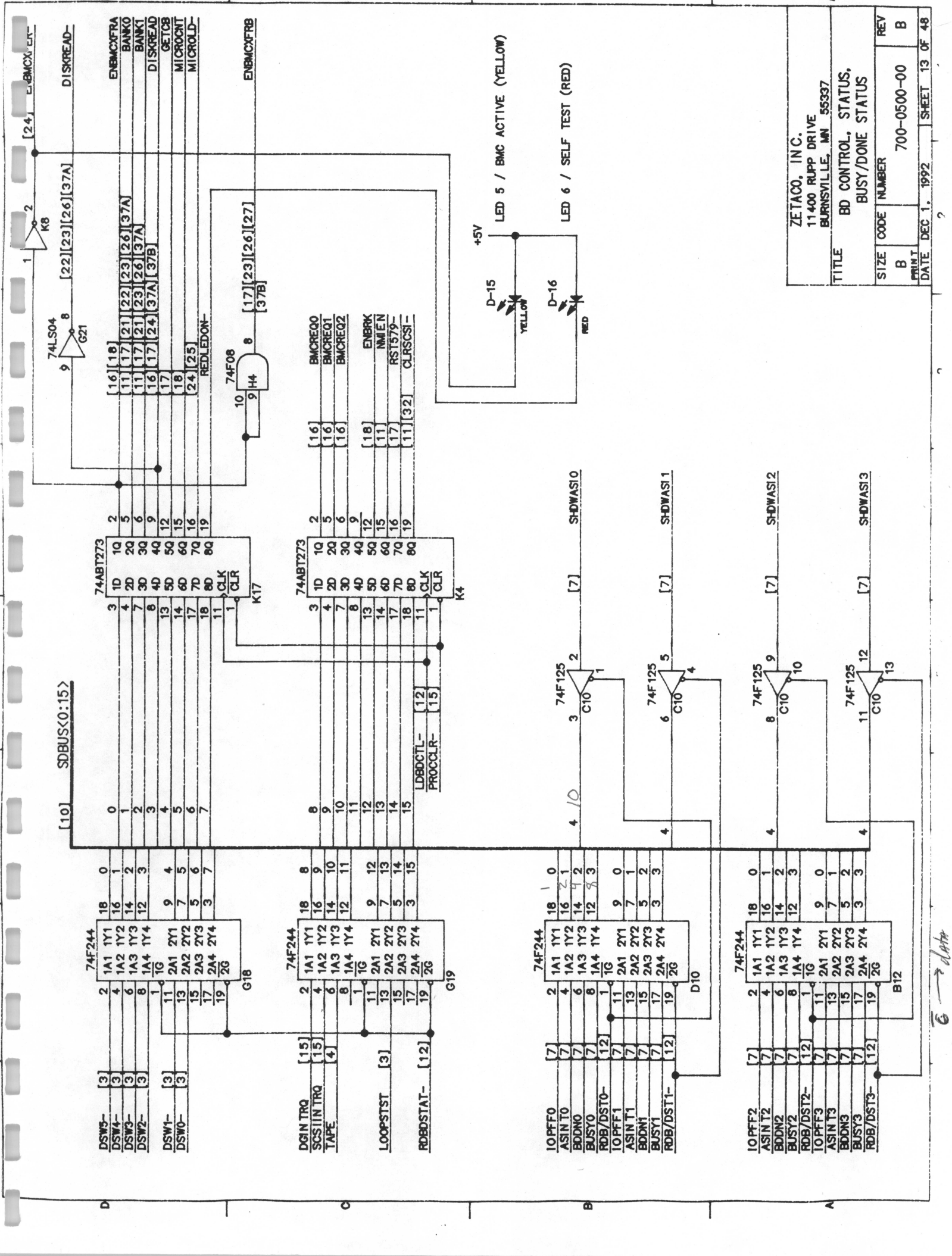
C

B

A



ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE MORE IO CONTROL	
SIZE B	NUMBER 700-0500-00
PRINT DATE	REV B
JAN 1, 1992	SHEET 12 OF 48



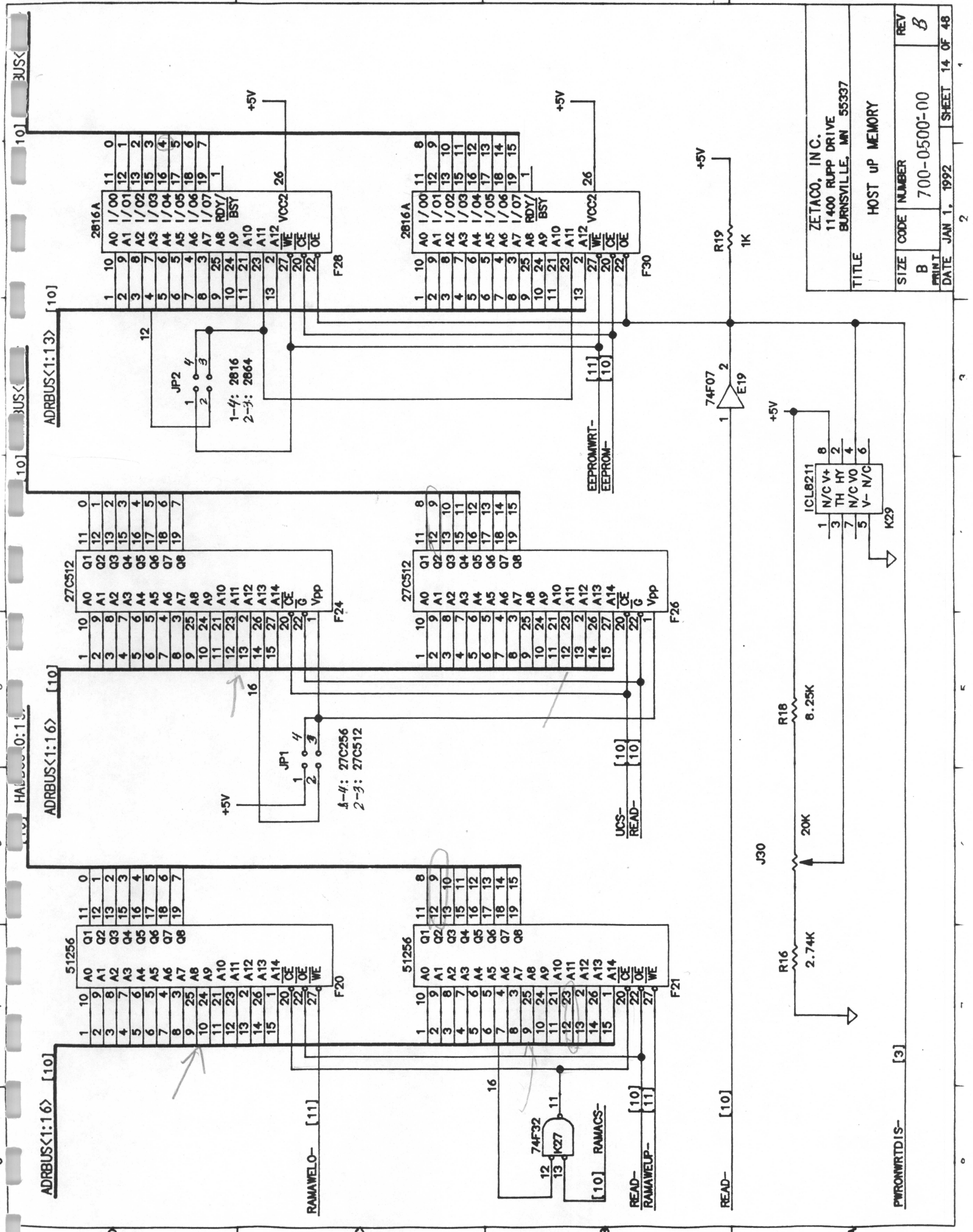
ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE
 BD CONTROL, STATUS,
 BUSY/DONE STATUS

SIZE	CODE	NUMBER	REV
B		700-0500-00	B

PRINT DATE DEC 1, 1992 SHEET 13 OF 48

6 → data



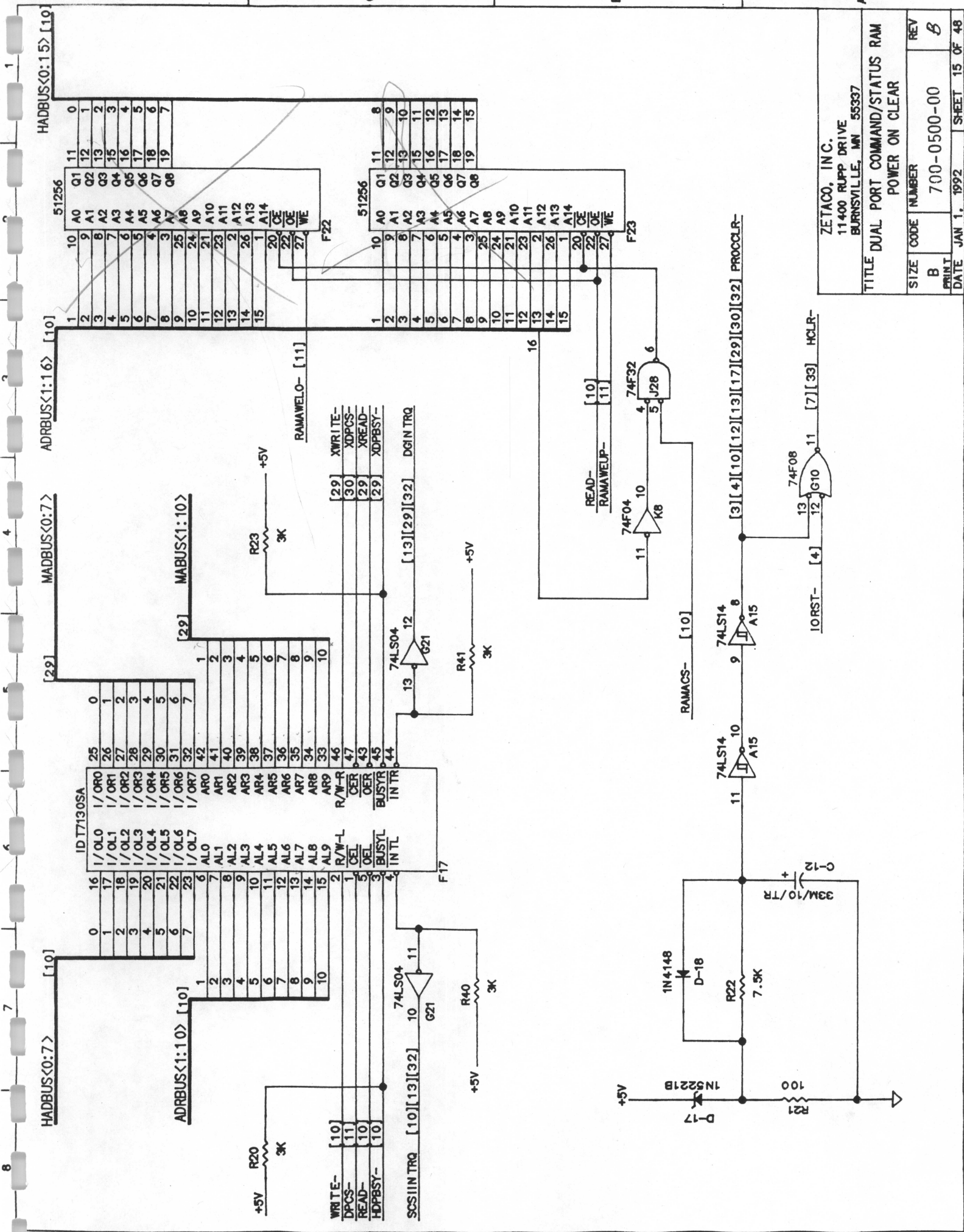
ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE: HOST UP MEMORY

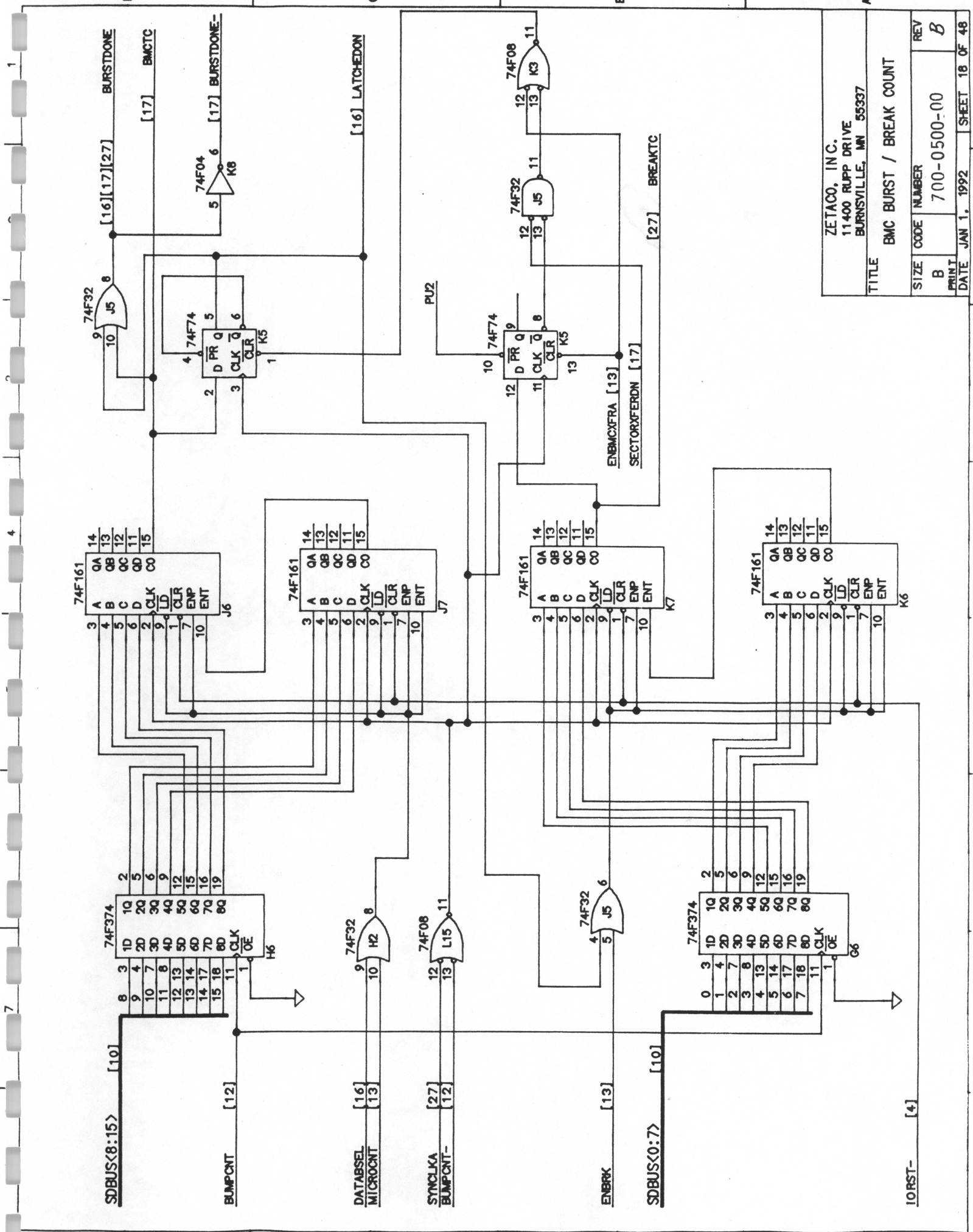
SIZE: B
 CODE: B
 NUMBER: 700-0500-00

PRINT DATE: JAN 1, 1992
 SHEET: 14 OF 48

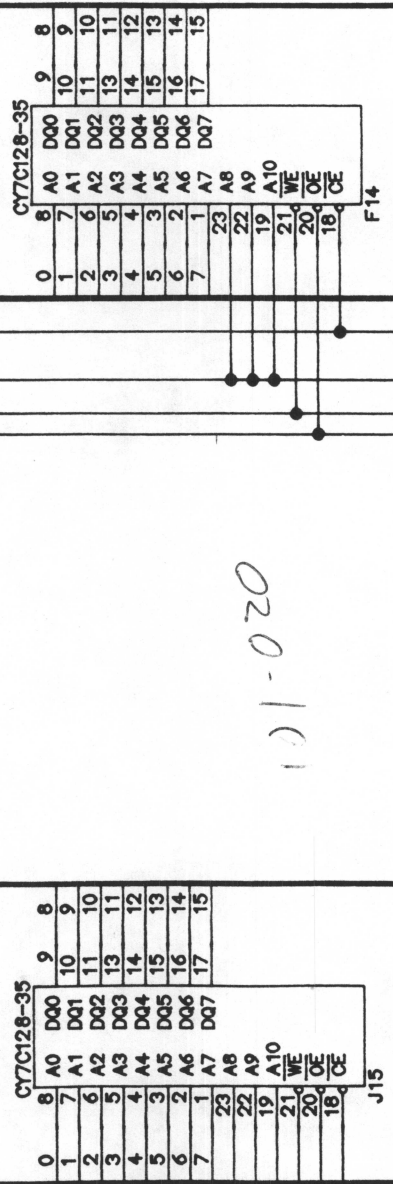
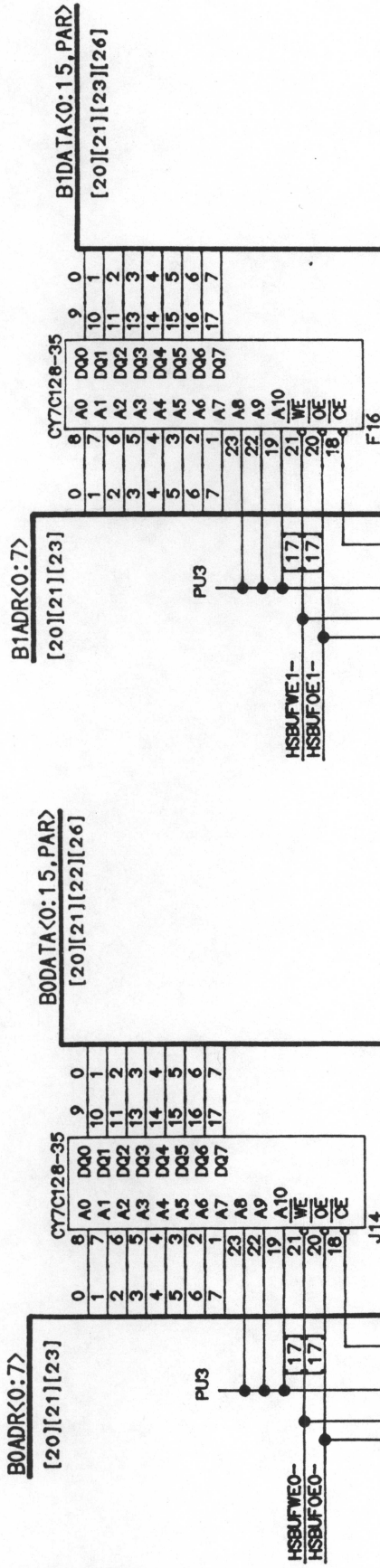
REV: B



ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE DUAL PORT COMMAND/STATUS RAM POWER ON CLEAR	
SIZE B	CODE NUMBER 700-0500-00
PRINT DATE	REV B
JAN 1, 1992	SHEET 15 OF 48



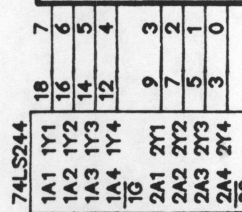
ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE	BMC BURST / BREAK COUNT
SIZE	CODE NUMBER
B	700-0500-00
PRINT	REV
DATE	JAN 1, 1992
SHEET	16 OF 48



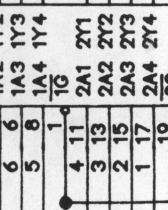
020-101

ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337		
TITLE BMC DUAL BUFFER		
SIZE B	CODE 700-1500-00	REV B
PRINT DATE	JAN 1, 1992	SHEET 19 OF 48

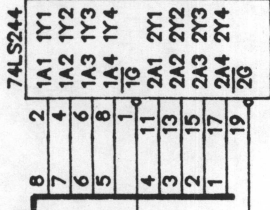
ADRBUS<1:8> [10] BOADDR<0:7> [19]



BOMREQ- [11]

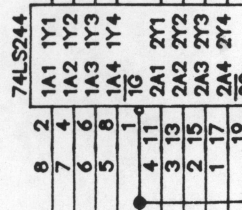


ADRBUS<1:8> [10]



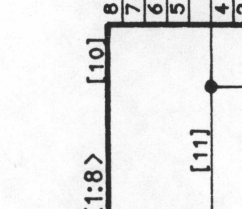
[19] B1ADR<0:7>

ADRBUS<1:8> [10]



[19] BOADDR<0:7>

ADRBUS<1:8> [10]

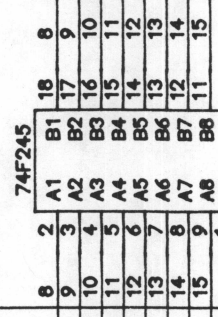


[19] B1ADR<0:7>

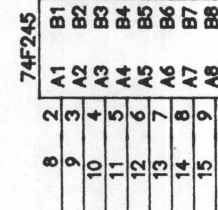
[19] B1ADR<0:7>

[19] B1ADR<0:7>

SDBUS<0:15> [10] BODATA<0:15,PAR> [19]



SDBUS<0:15> [10]



[19] B1DATA<0:15,PAR>

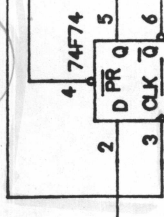
[19] B1DATA<0:15,PAR>

[19] B1DATA<0:15,PAR>

DT/R [10]

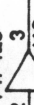


PUB



READ- [10]

BOMICROPAR [26]



[26] BOMICROPAR

[26] BOMICROPAR



PAR

PAR

PAR

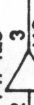
PAR

PAR



[26] BOMICROPAR

[26] BOMICROPAR



[26] BOMICROPAR

[26] BOMICROPAR



PAR

PAR

PAR

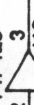
PAR

PAR



[26] BOMICROPAR

[26] BOMICROPAR



[26] BOMICROPAR

[26] BOMICROPAR



PAR

PAR

PAR

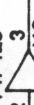
PAR

PAR



[26] BOMICROPAR

[26] BOMICROPAR



[26] BOMICROPAR

[26] BOMICROPAR



PAR

PAR

PAR

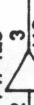
PAR

PAR



[26] BOMICROPAR

[26] BOMICROPAR



[26] BOMICROPAR

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PAR

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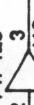
PAR

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[26] BOMICROPAR

[26] BOMICROPAR



[26] BOMICROPAR

[26] BOMICROPAR



PAR

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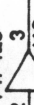
PAR

PAR



[26] BOMICROPAR

[26] BOMICROPAR



[26] BOMICROPAR

[26] BOMICROPAR



PAR

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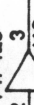
PAR

PAR



[26] BOMICROPAR

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[26] BOMICROPAR

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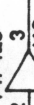
PAR

PAR



[26] BOMICROPAR

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[26] BOMICROPAR

[26] BOMICROPAR



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[26] BOMICROPAR

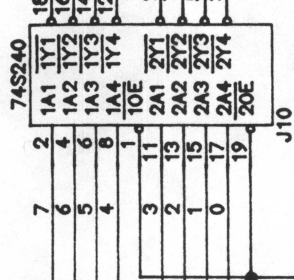
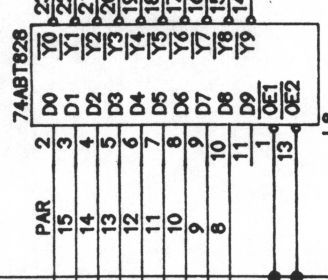
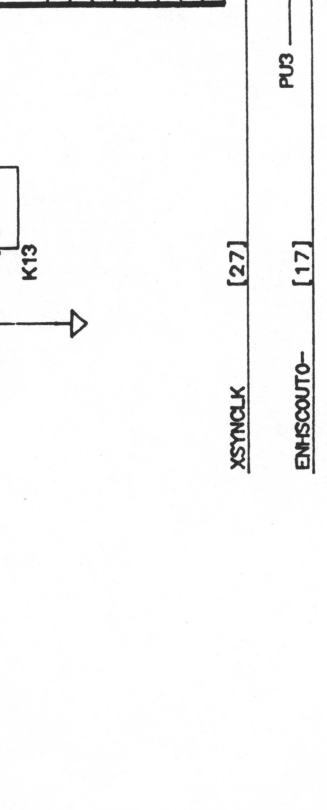
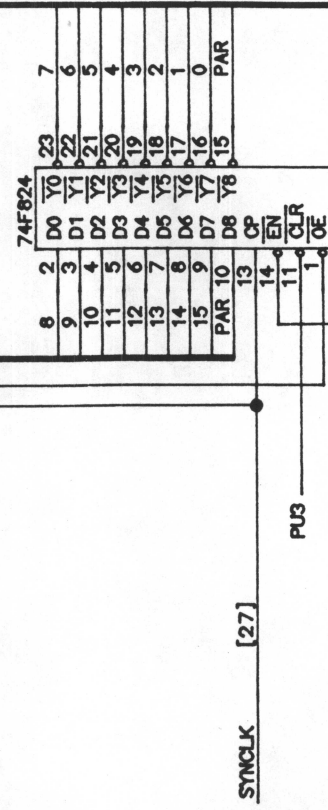
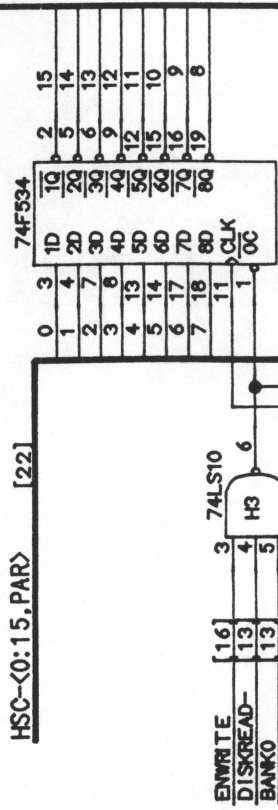
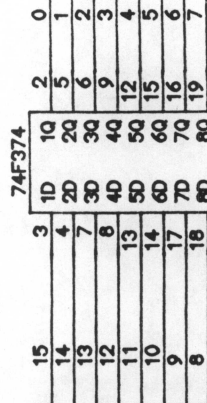
[26] B

BODATA<0:15,PAR> [19]

[23] HSCBUS<0:15,PAR>

HSC-<0:15,PAR> [22][23][26]

HSC-<0:15,PAR> [22]



B1DATA<0:15,PAR> [19]

XSTNCLK [27]

HSC-<0:15,PAR> [22]

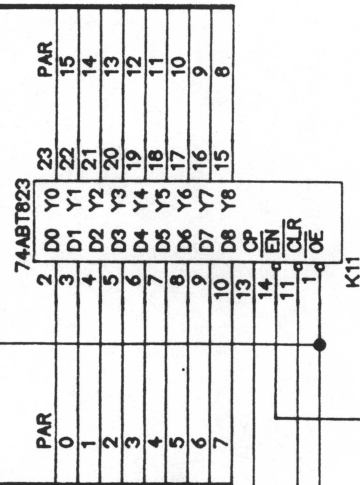
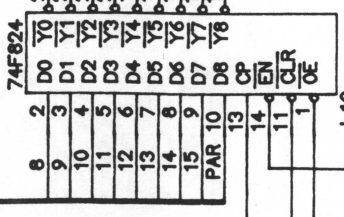
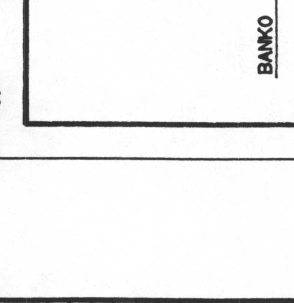
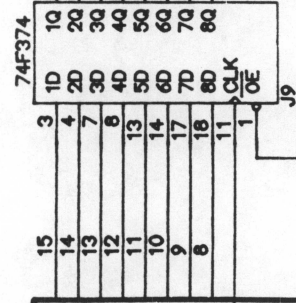
ENWRITE [16]
DISKREAD- [13]
BANK1 [13]

STNCLK [27]

ENHSCOUT1- [17]

PUS3

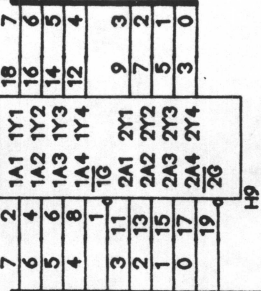
PUS3



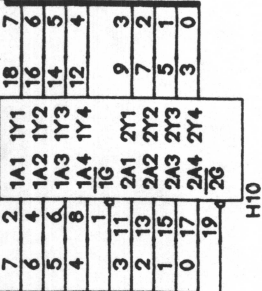
HSCBUS<0:15,PAR> [22]

BMCHSADR<0:7> [17]

74LS244



74LS244



BANK0 [13]

BANK1 [13]

ENHSCOUT1- [17]

PUS3

PUS3

BMCHSADR<0:7> [17]

HSCBUS<0:15,PAR> [22]

BIADDR<0:7> [19]

BOADDR<0:7> [19]

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ZETACQ, INC.
11400 RUPP DRIVE
BURNSVILLE, MN 55337

TITLE

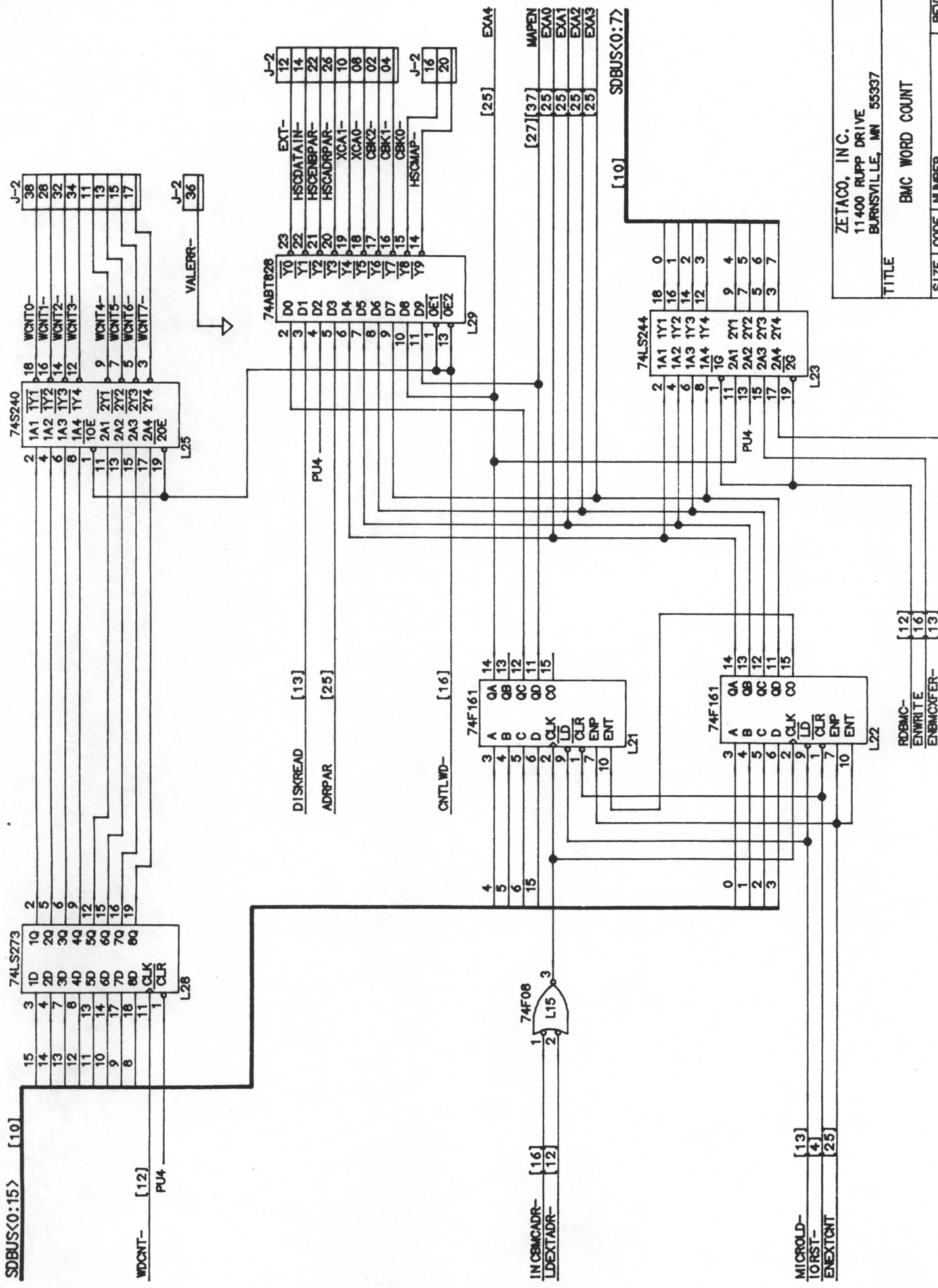
BMC - HS BUFFER BANK 1 I/F

SIZE B

CODE NUMBER

700-0500-00

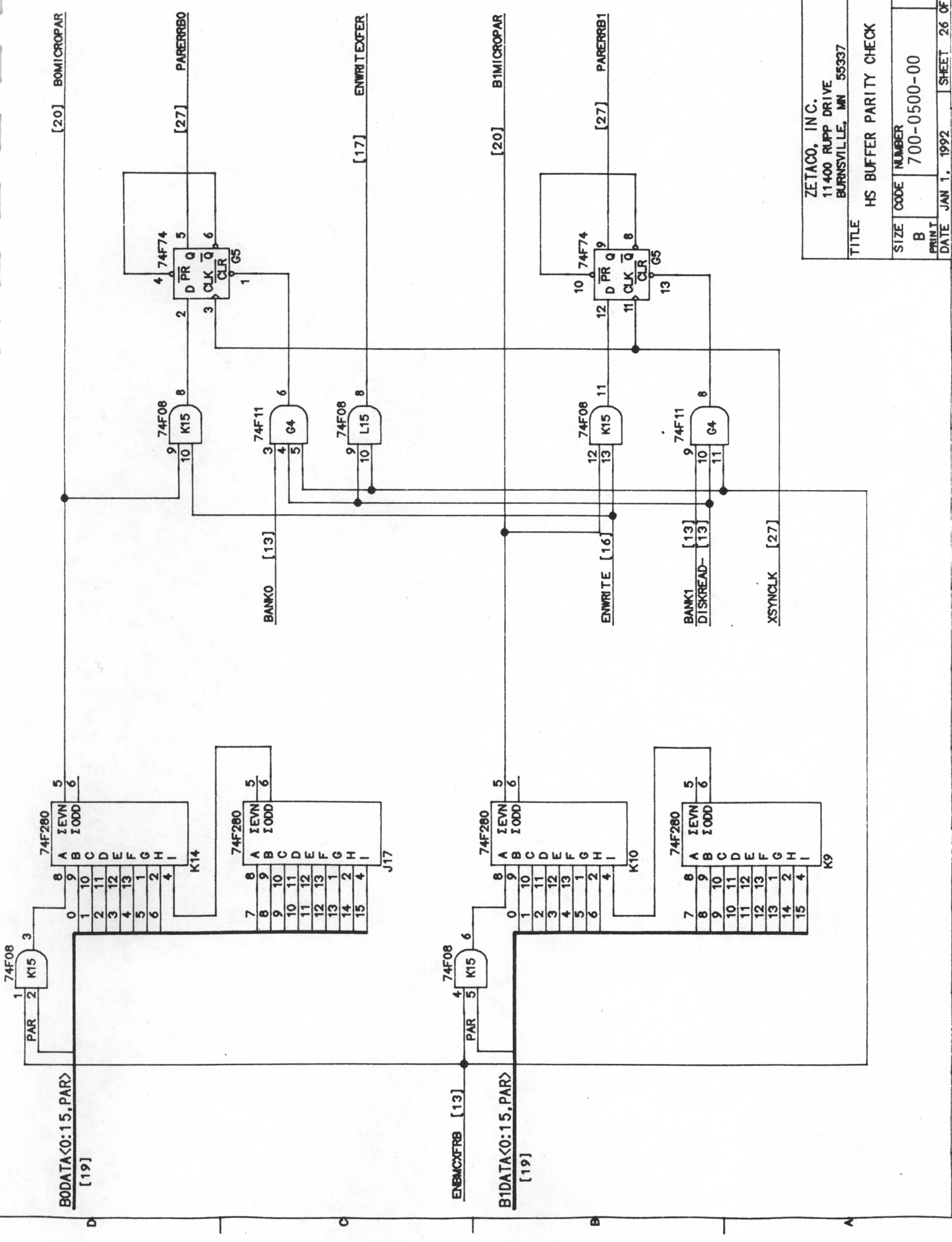
REV B



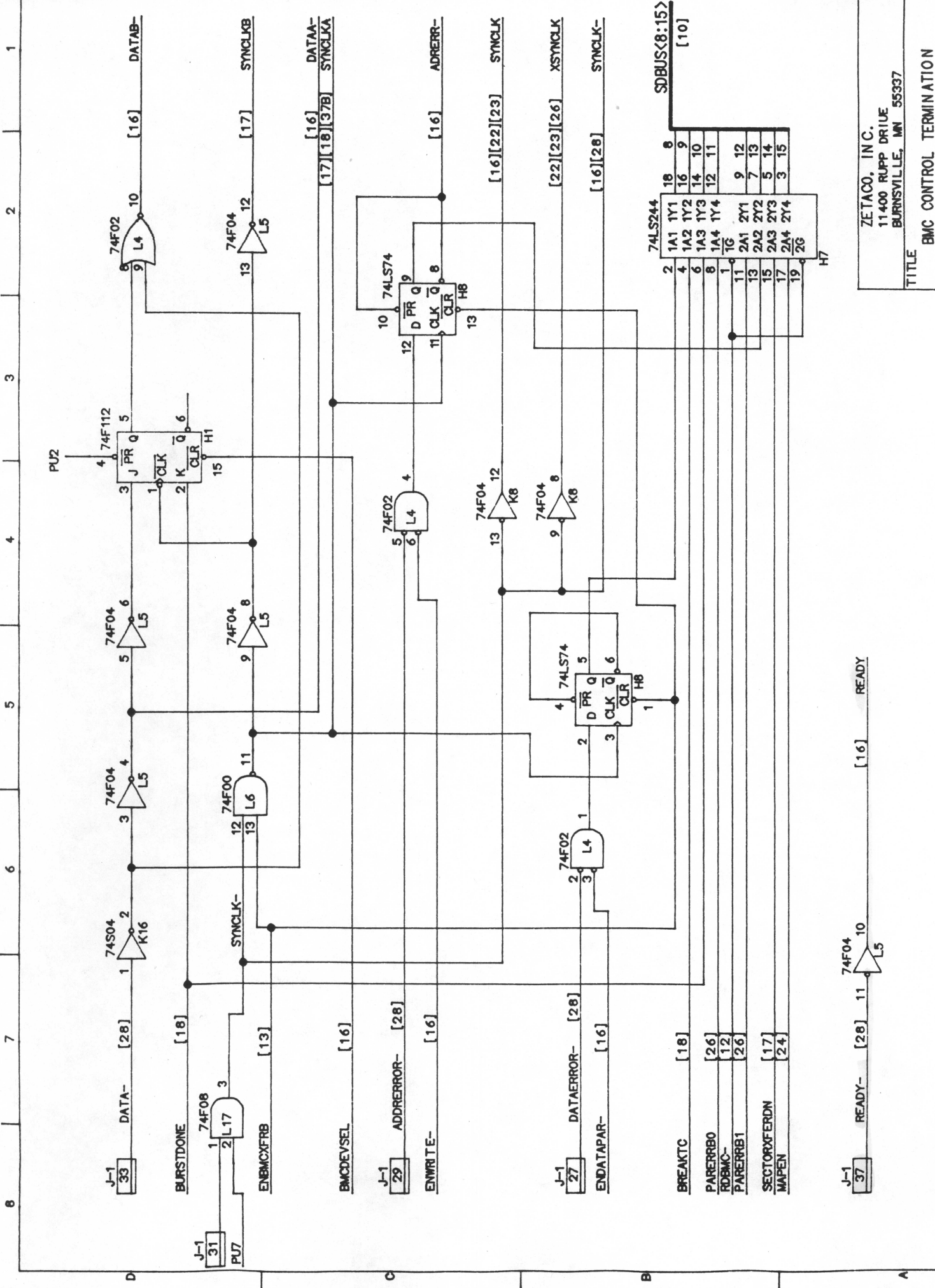
TITLE
 ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

ROBMC- [12]
 ENWRITE [16]
 ENBMCXFER- [13]

BMC WORD COUNT
 SIZE CODE NUMBER
 B 700-0500-00
 PRINT DATE JAN 1, 1992
 REV B



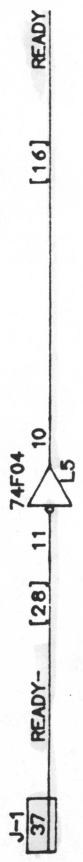
ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE HS BUFFER PARITY CHECK	
SIZE B	CODE NUMBER 700-0500-00
PRINT DATE	REV B
JAN 1, 1992	SHEET 26 OF 48

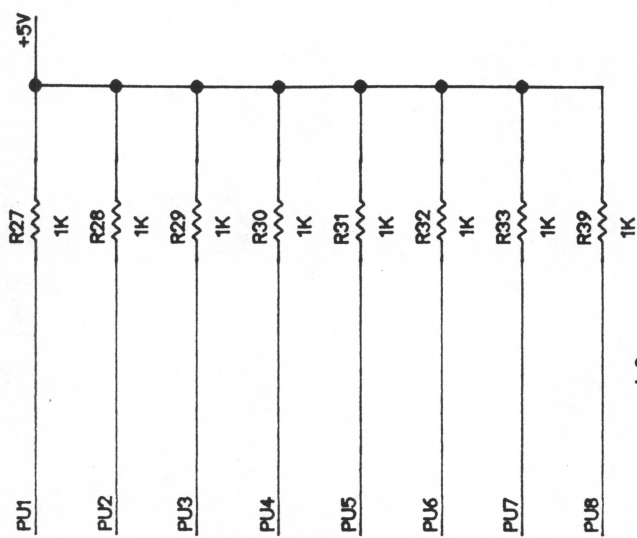
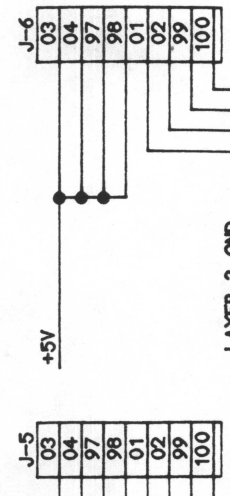
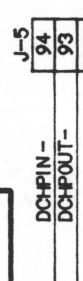
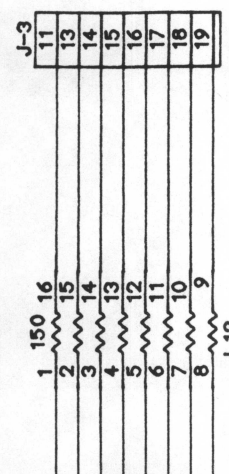
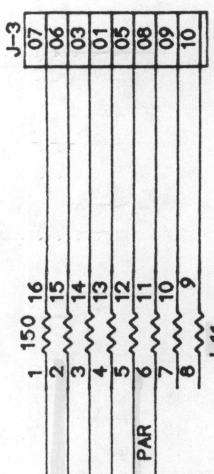
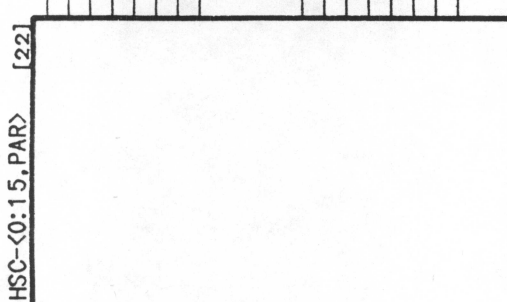
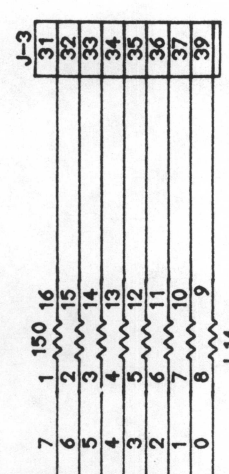
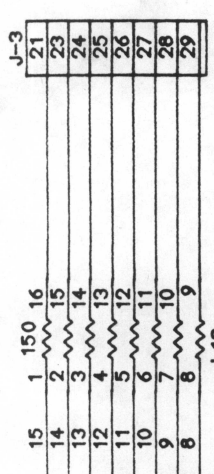
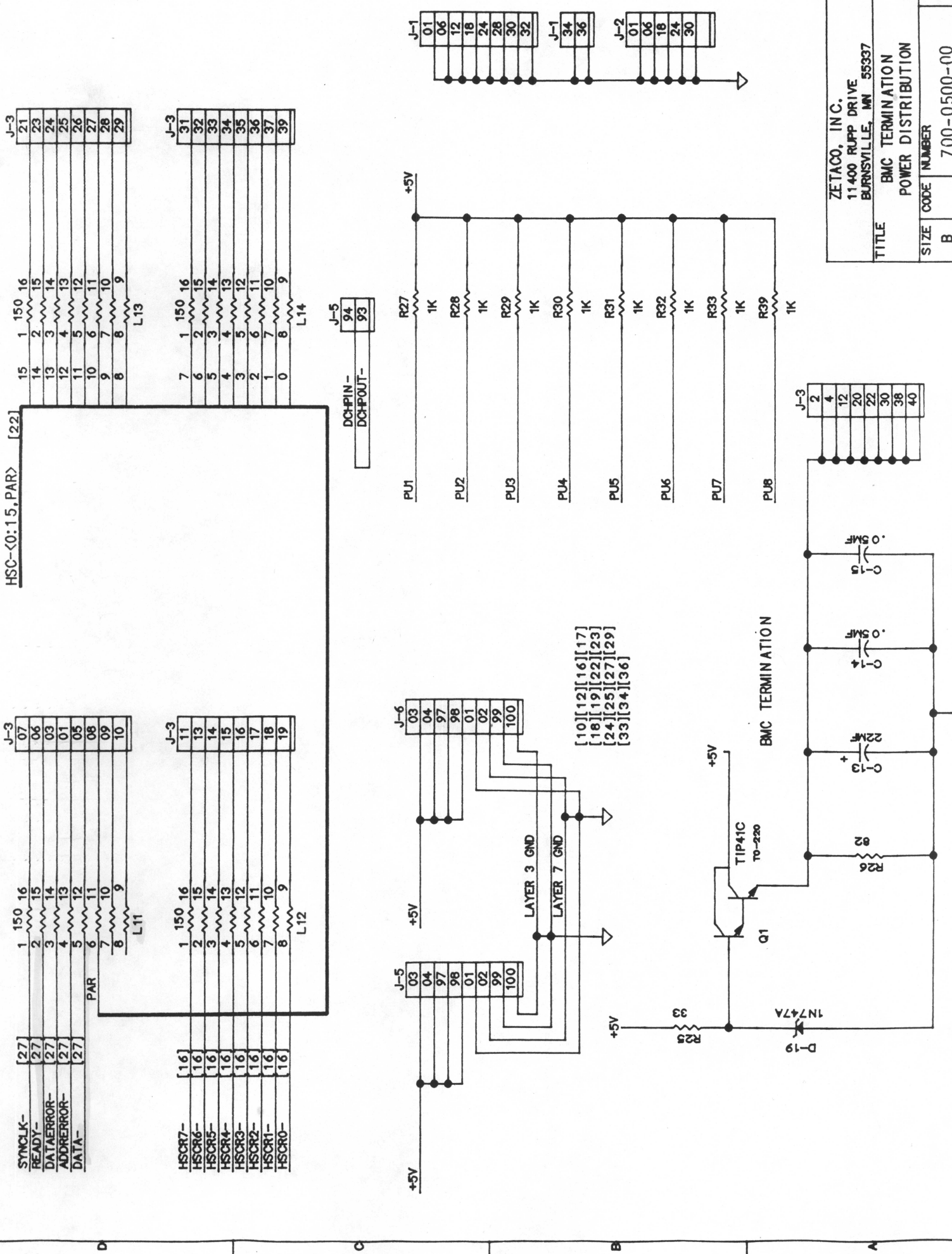


ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE: BMC CONTROL TERMINATION

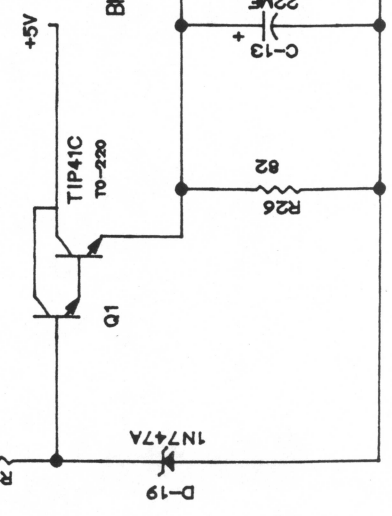
SIZE	CODE	NUMBER	REV
			B



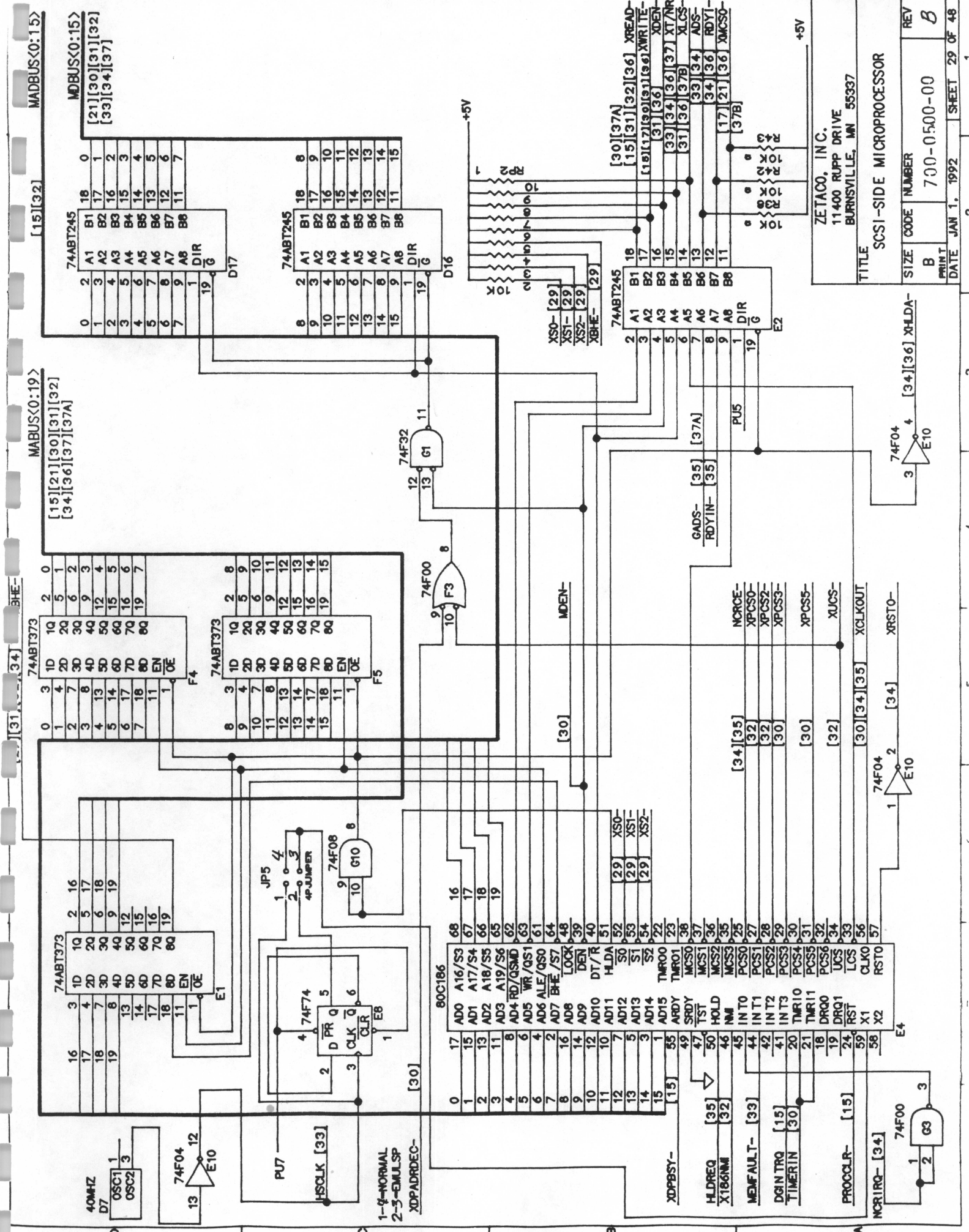


[10][12][16][17]
[18][19][22][23]
[24][25][27][29]
[33][34][36]

BMC TERMINATION



ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE	BMC TERMINATION POWER DISTRIBUTION
SIZE	B
CODE	
NUMBER	700-0500-00
REV	B
PRINT DATE	JAN 1, 1992
SHEET	28 OF 48

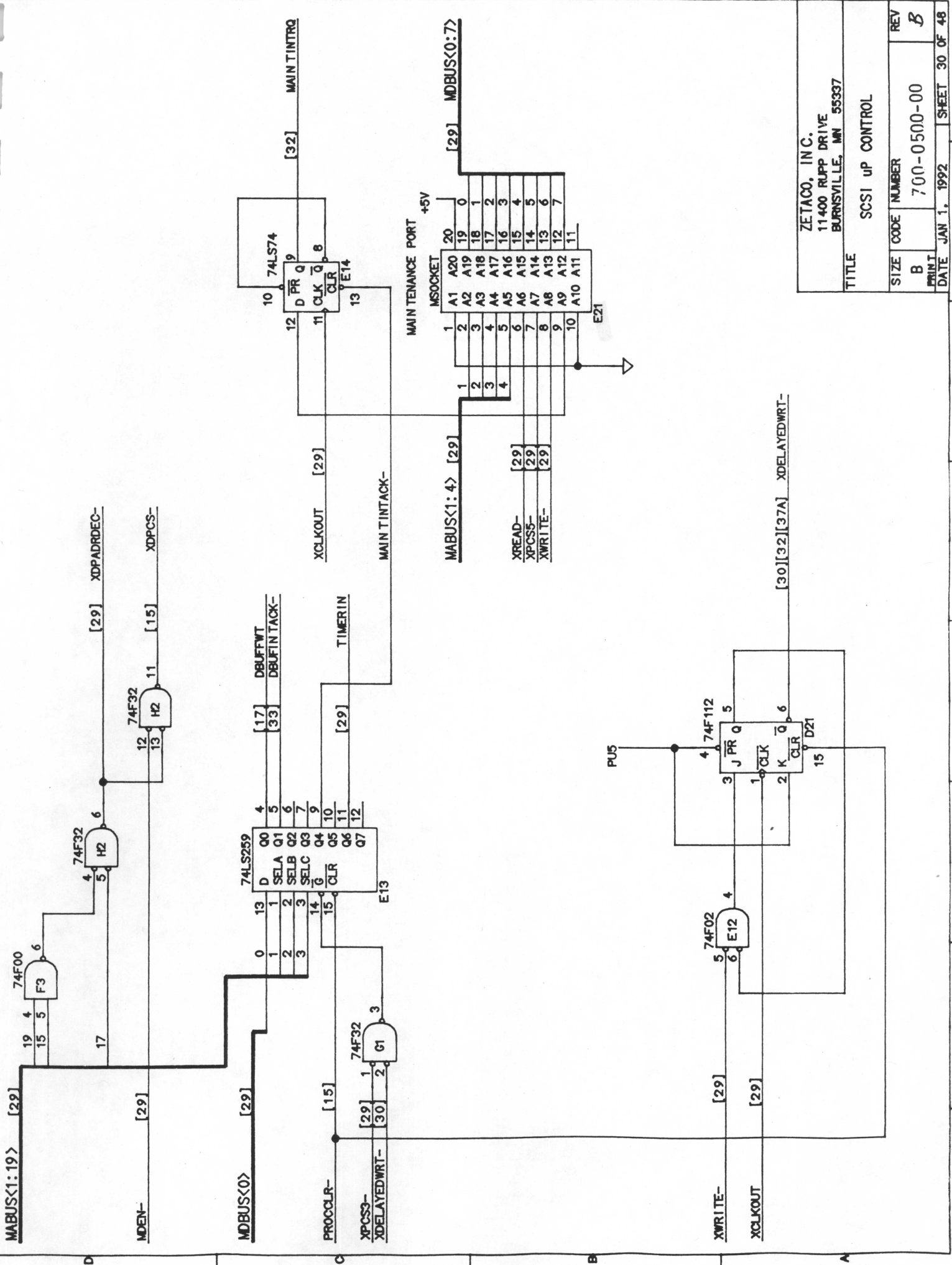


ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE: SCS1-SIDE MICROPROCESSOR

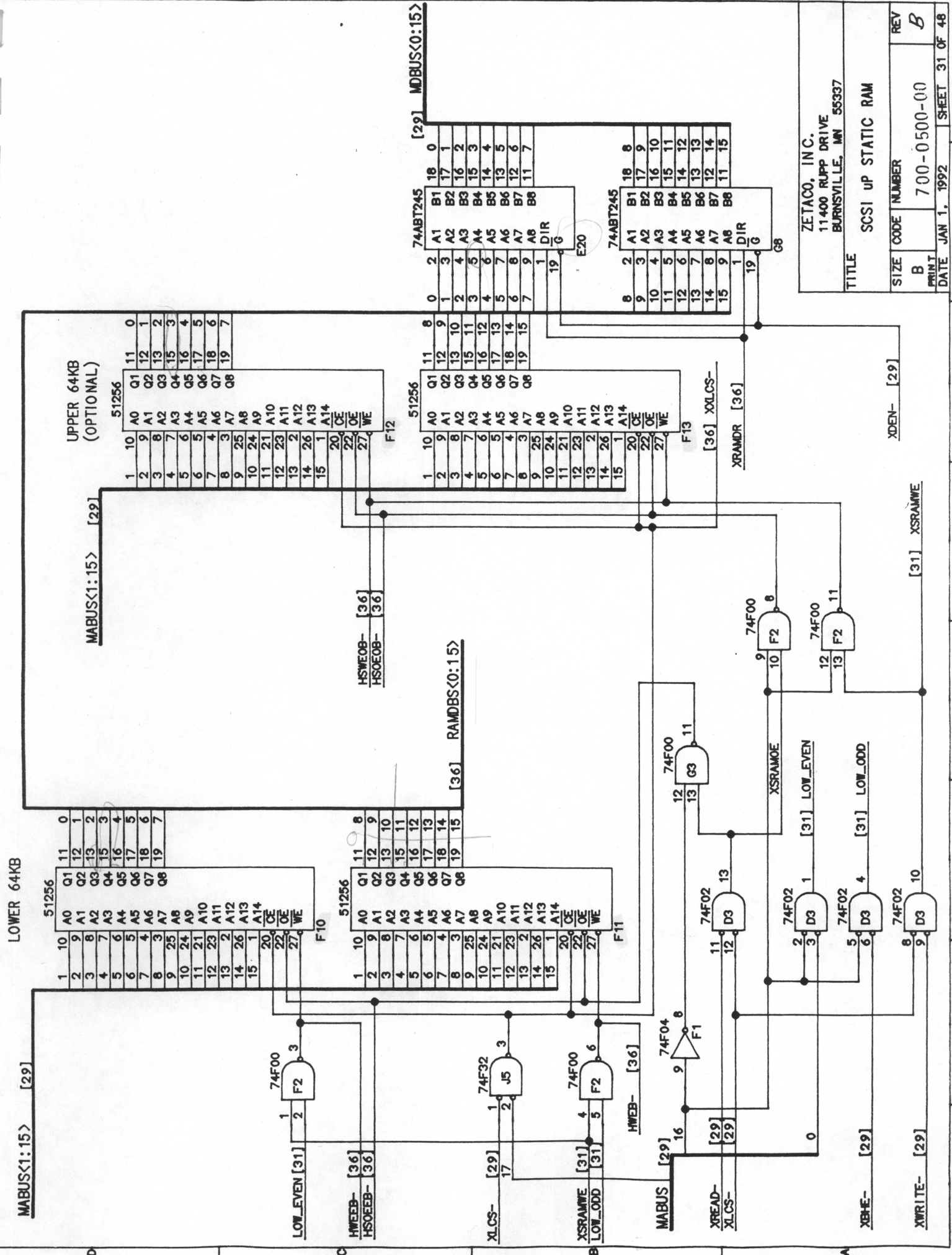
SIZE: B
 CODE: 700-0500-00
 NUMBER: REV B

DATE: JAN 1, 1992
 PRINT: SHEET 29 OF 48



ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE		SCSI up CONTROL	
SIZE	CODE	NUMBER	REV
B		700-0500-00	B
DATE	JAN 1, 1992	SHEET	30 OF 48



ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

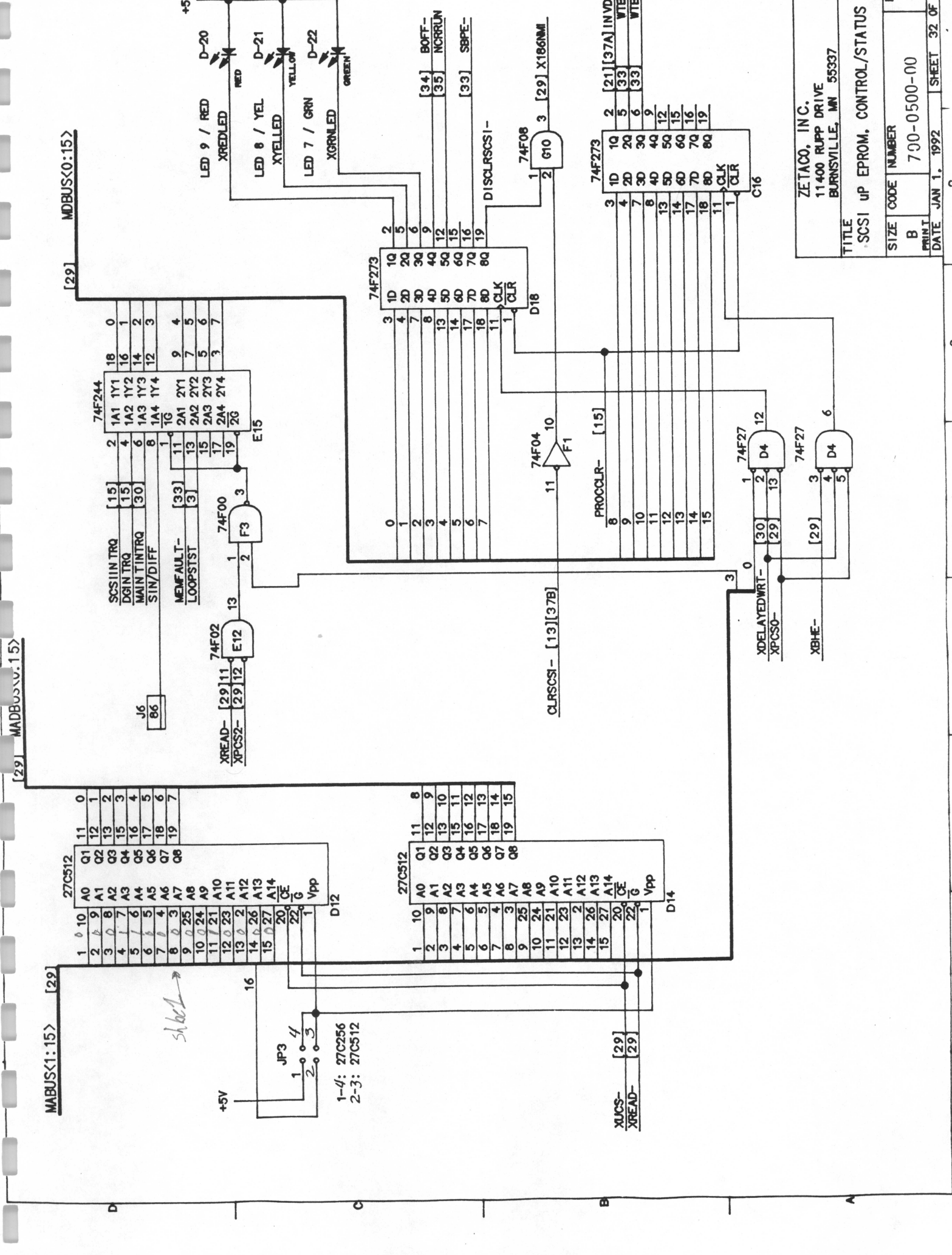
TITLE
 SCSI UP STATIC RAM

SIZE CODE NUMBER
 B 700-0500-00

DATE JAN 1, 1992

REV B

SHEET 31 OF 48



MABUS<1:15> [29]

MDBUS<0:15> [29]

[29] MADBUS<0:15>

MABUS<1:15> [29]

shel

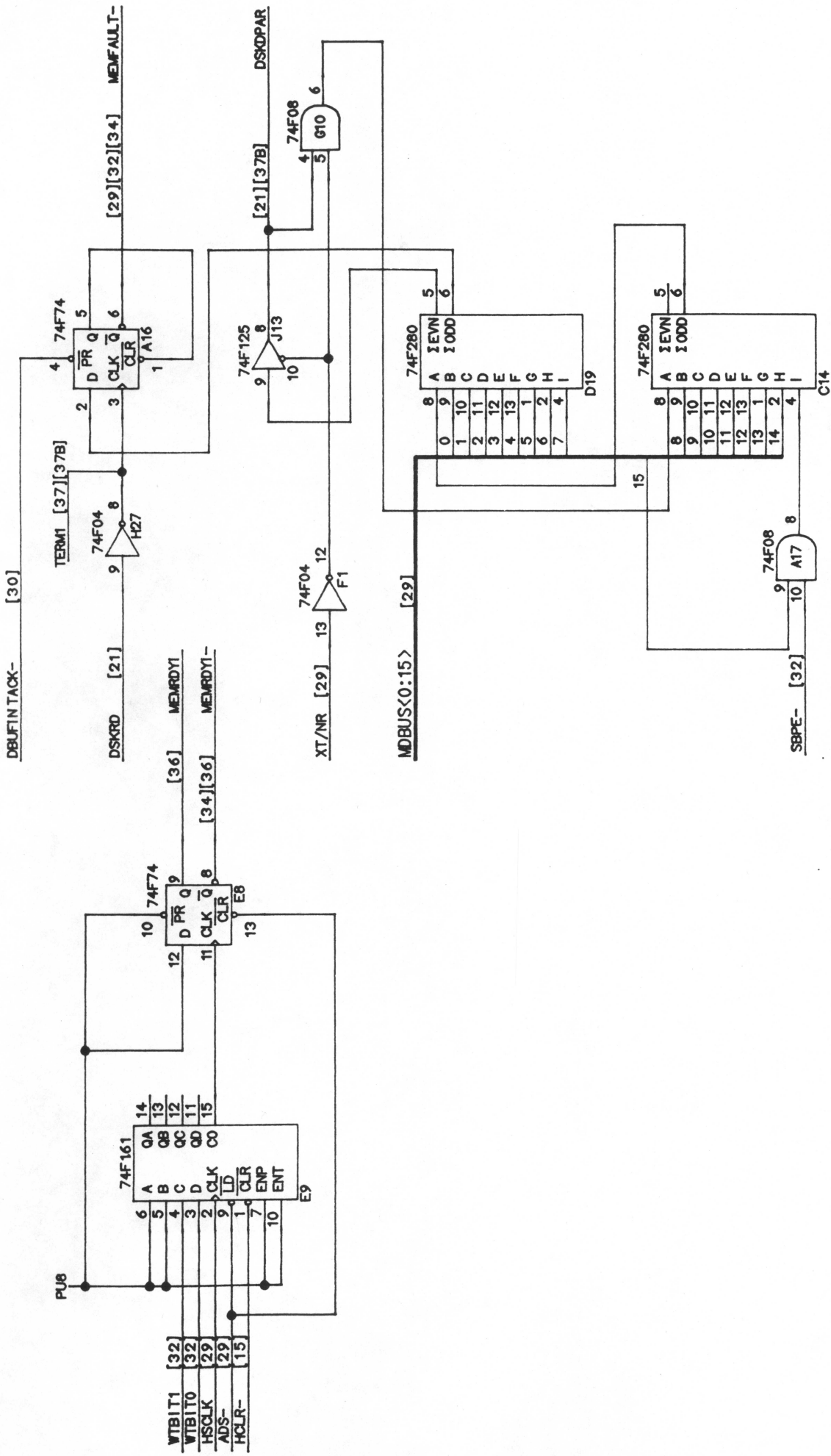
1-4: 27C256
2-3: 27C512

XUCS- [29]
XREAD- [29]

ZETACO, INC.
11400 RUPP DRIVE
BURNSVILLE, MN 55337

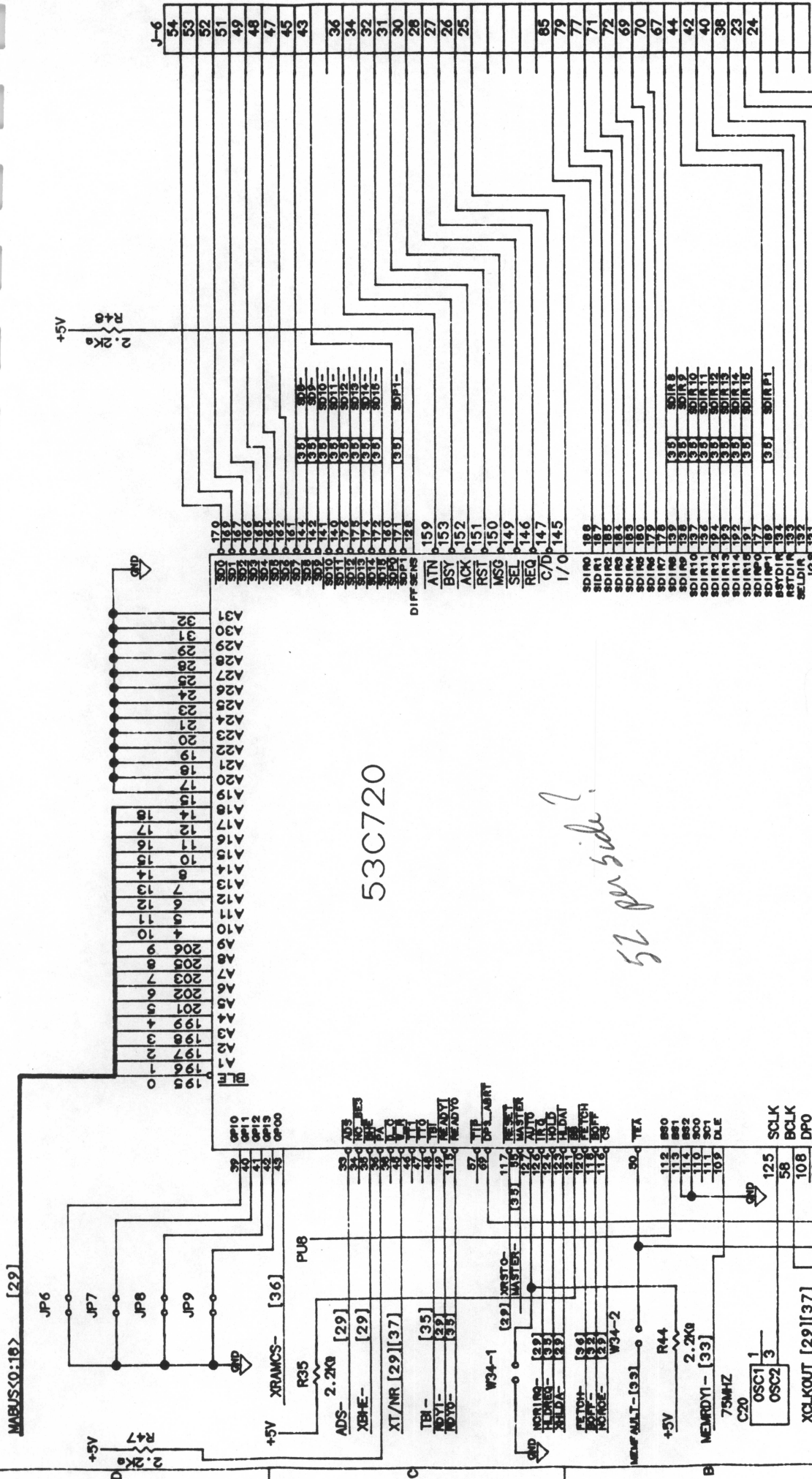
TITLE
SCSI up EPROM, CONTROL/STATUS

SIZE	CODE	NUMBER	REV
B		700-0500-00	B
DATE	PRINT		
JAN 1, 1992			SHEET 32 OF 48



ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337			
TITLE MEMORY READY			
SIZE	CODE	NUMBER	REV
B		700-0500-00	B
PRINT	DATE	JAN 1, 1992	SHEET 33 OF 48

MABUS<0:16> [29]



53C720

52 pins side?

+5V
2.2K
R48

+5V
2.2K
R47

+5V

+5V

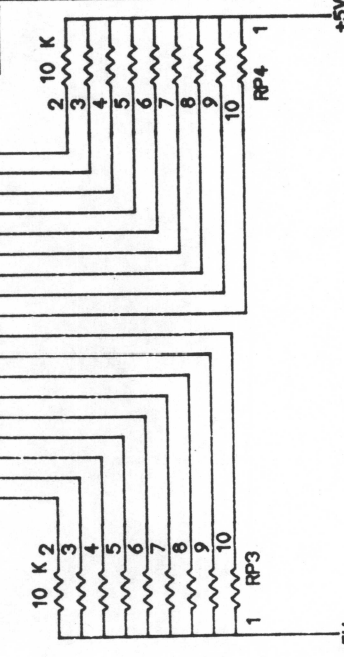
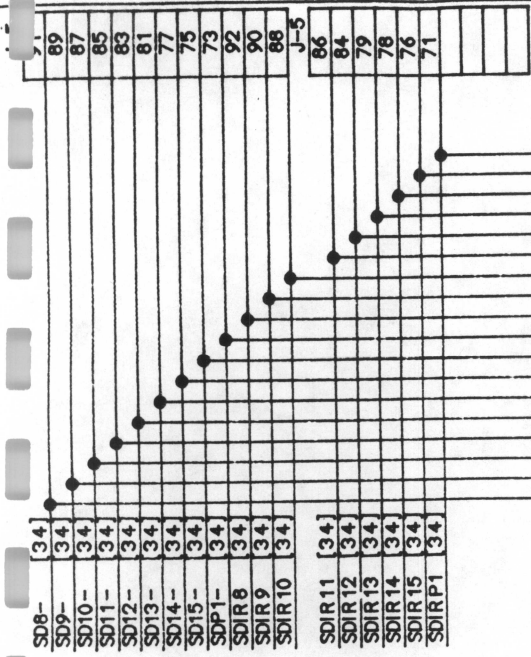
+5V

+5V
2.2K
R46

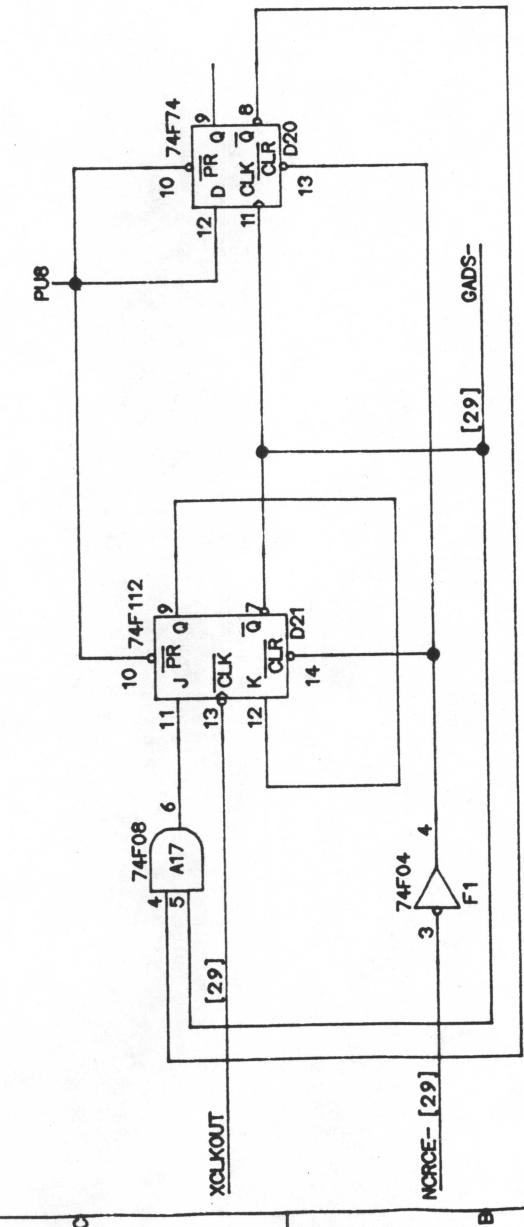
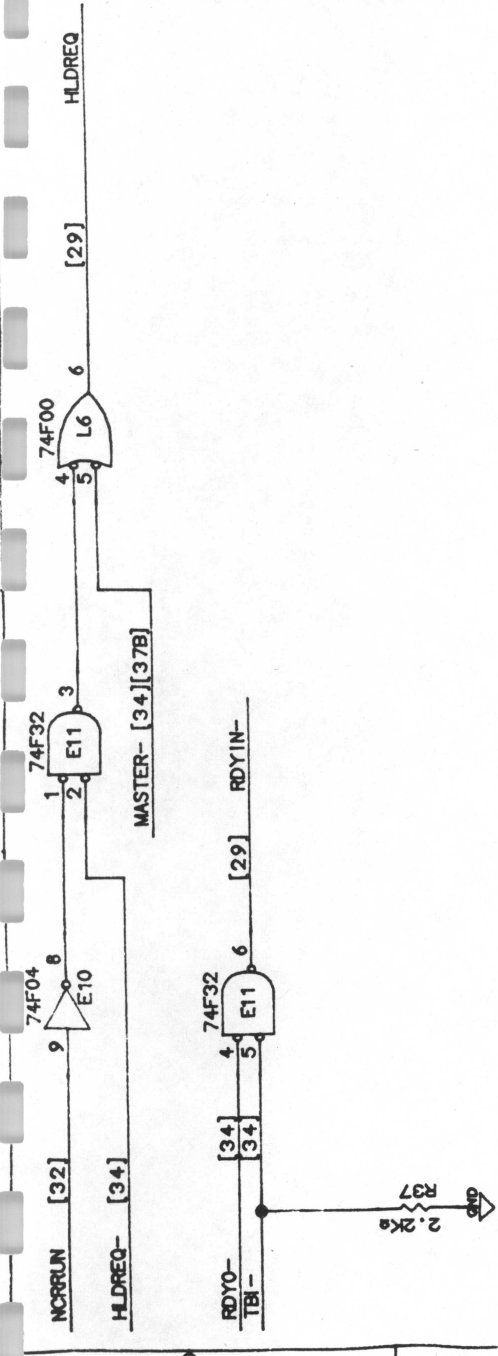
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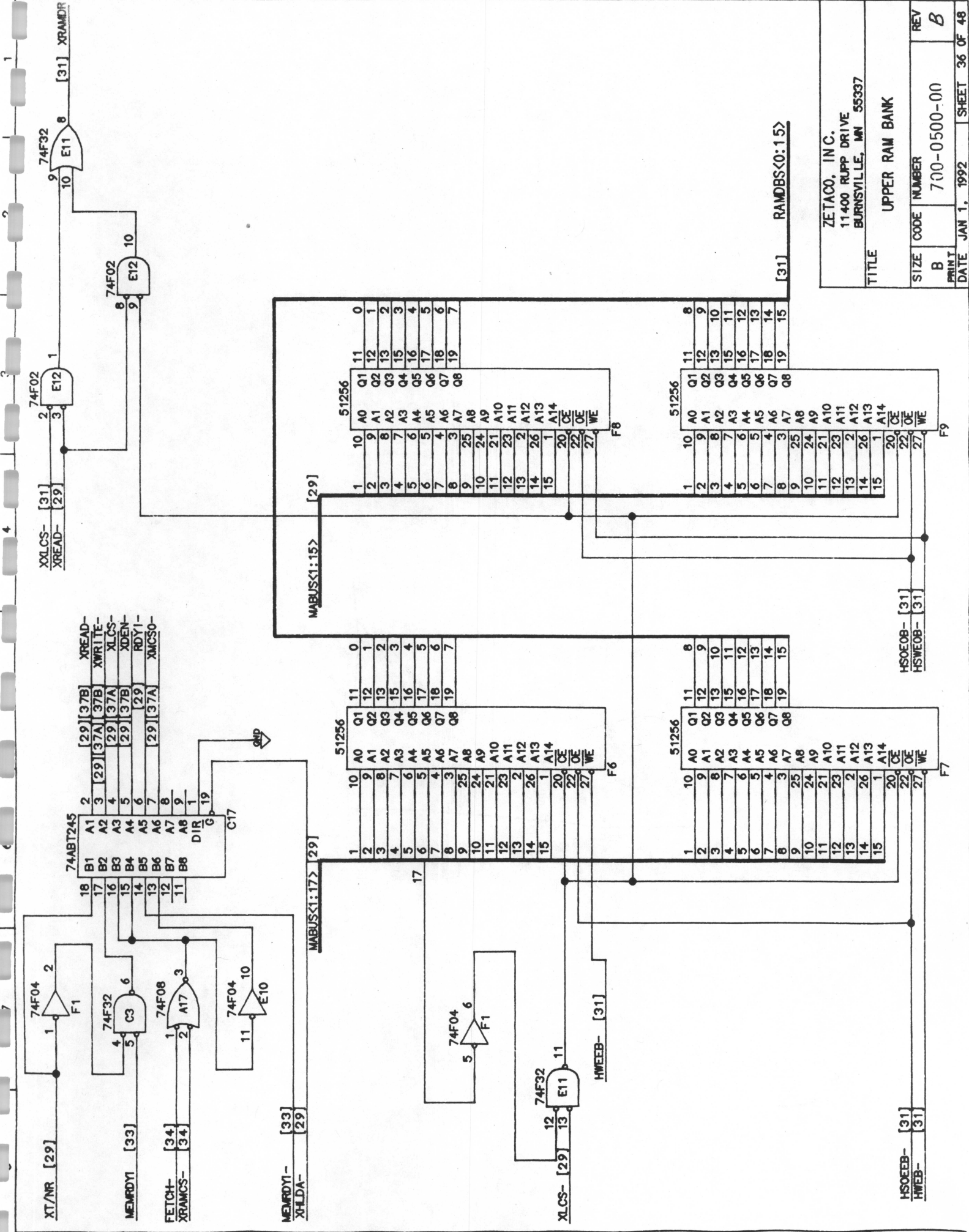
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SCSI-2 WIDE INTERFACE



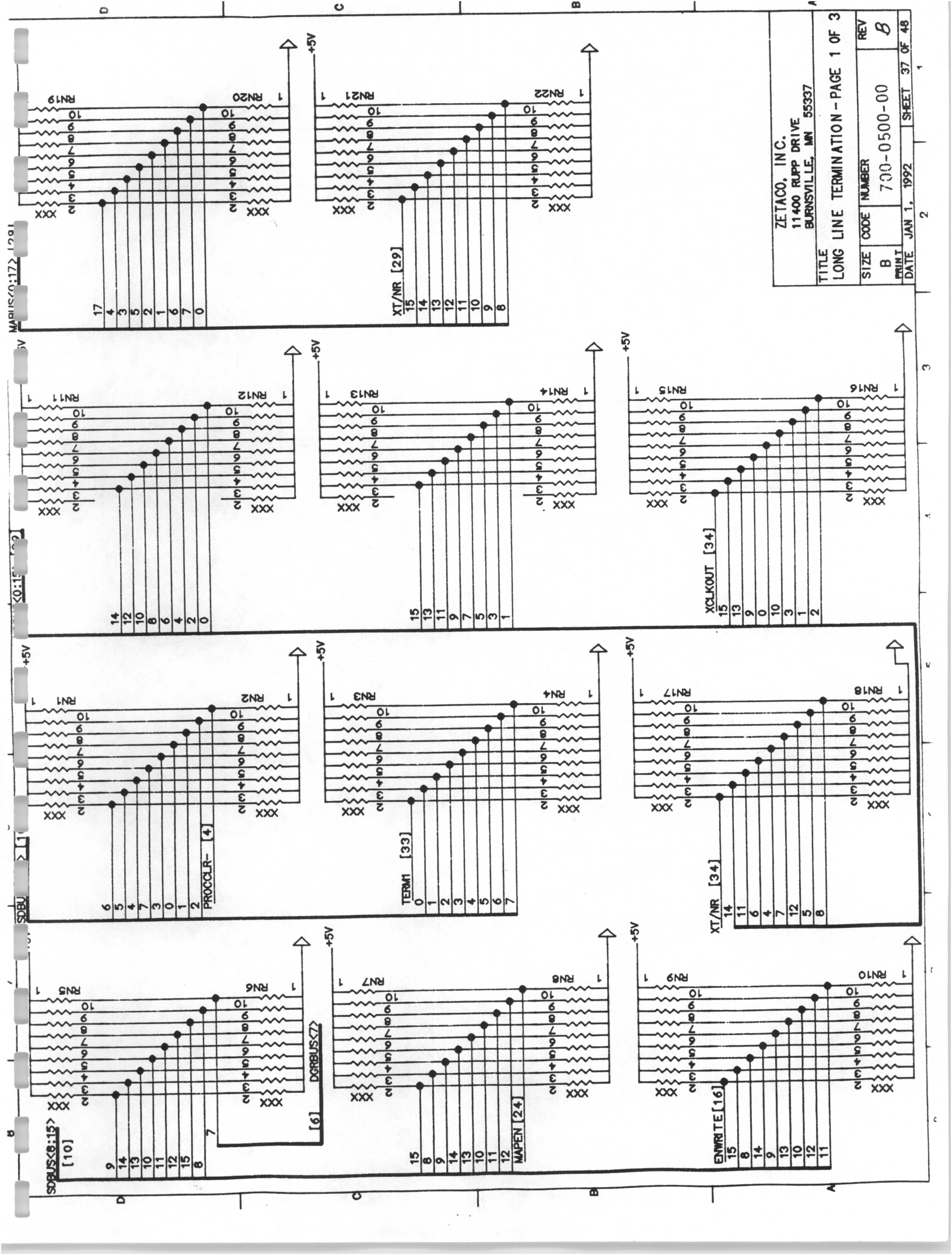
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TITLE 53C720 SLAVE/ADDR STROBE	
SIZE B	CODE NUMBER 700-0500-00
PRINT DATE JAN 1, 1992	REV B
SHEET 35 OF 48	



ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE UPPER RAM BANK	
SIZE B	CODE NUMBER 700-0500-00
PRINT DATE	REV B
JAN 1, 1992	SHEET 36 OF 48

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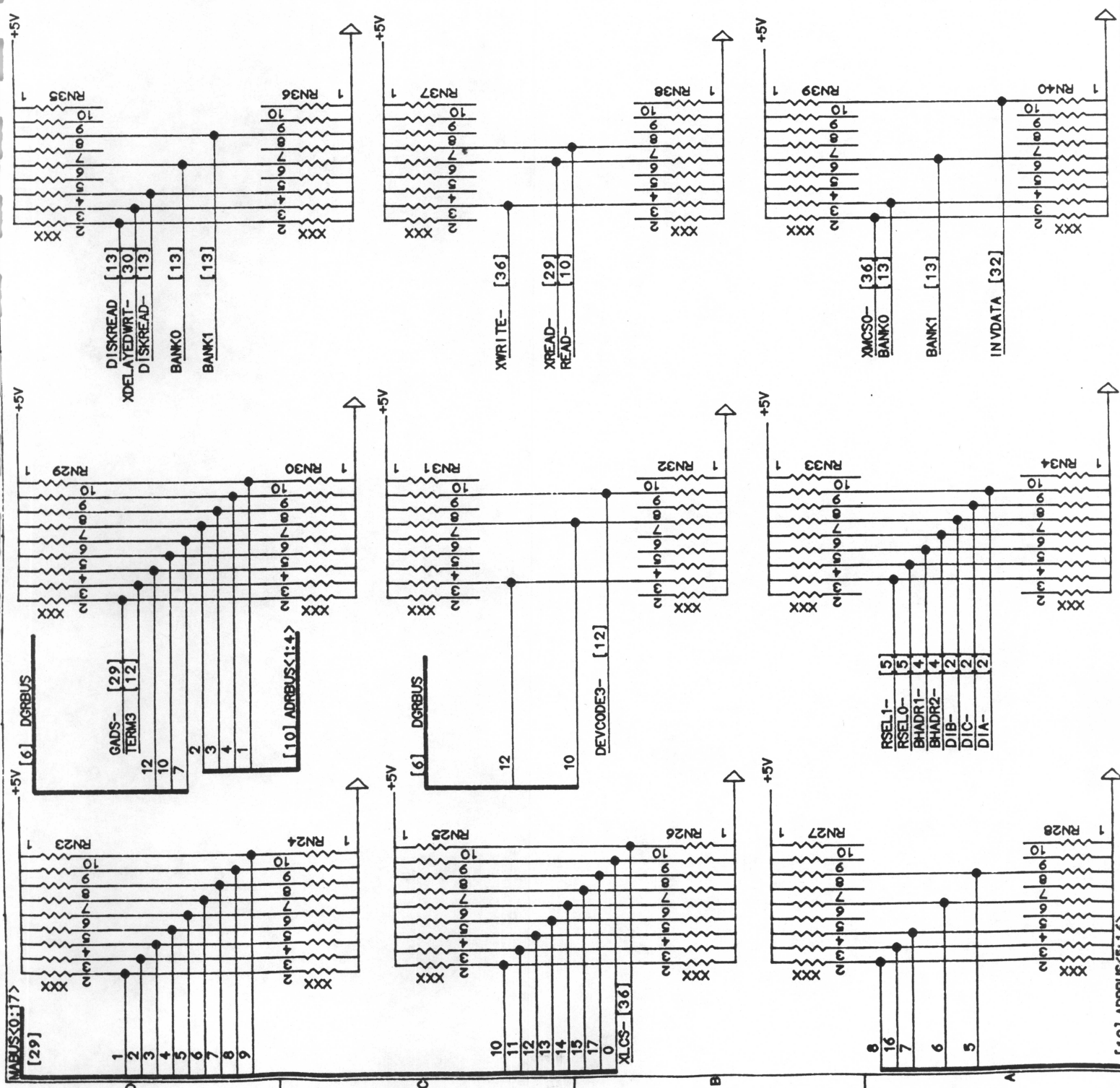
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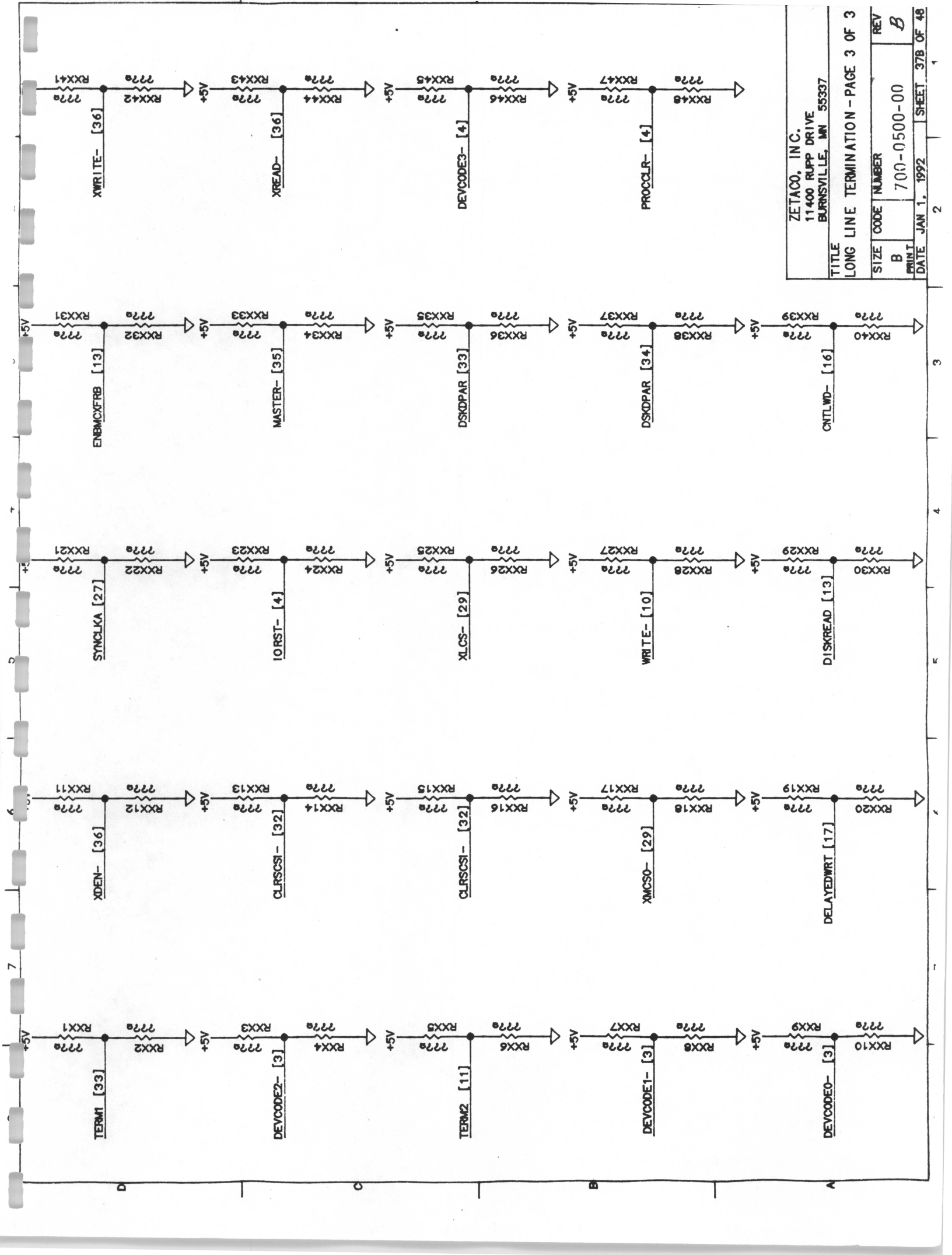


ZETACO, INC.
11400 RUPP DRIVE
BURNSVILLE, MN 55337

TITLE
LONG LINE TERMINATION - PAGE 1 OF 3

SIZE	CODE	NUMBER	REV
B		700-0500-00	B
PRINT DATE	JAN 1, 1992		SHEET 37 OF 48





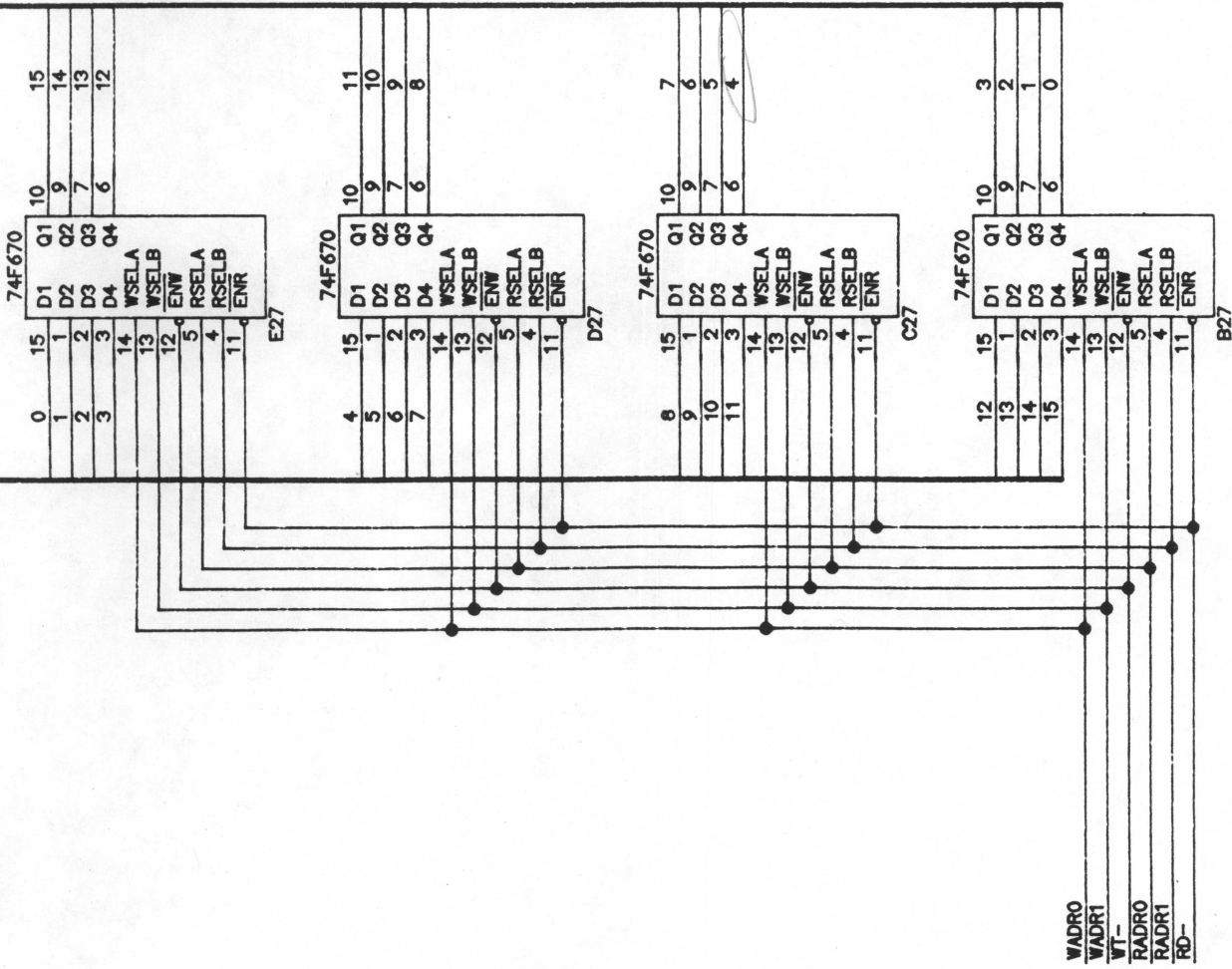
ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE
 LONG LINE TERMINATION - PAGE 3 OF 3

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B		700-0500-00	B
PRINT DATE	JAN 1, 1992		SHEET 37B OF 48

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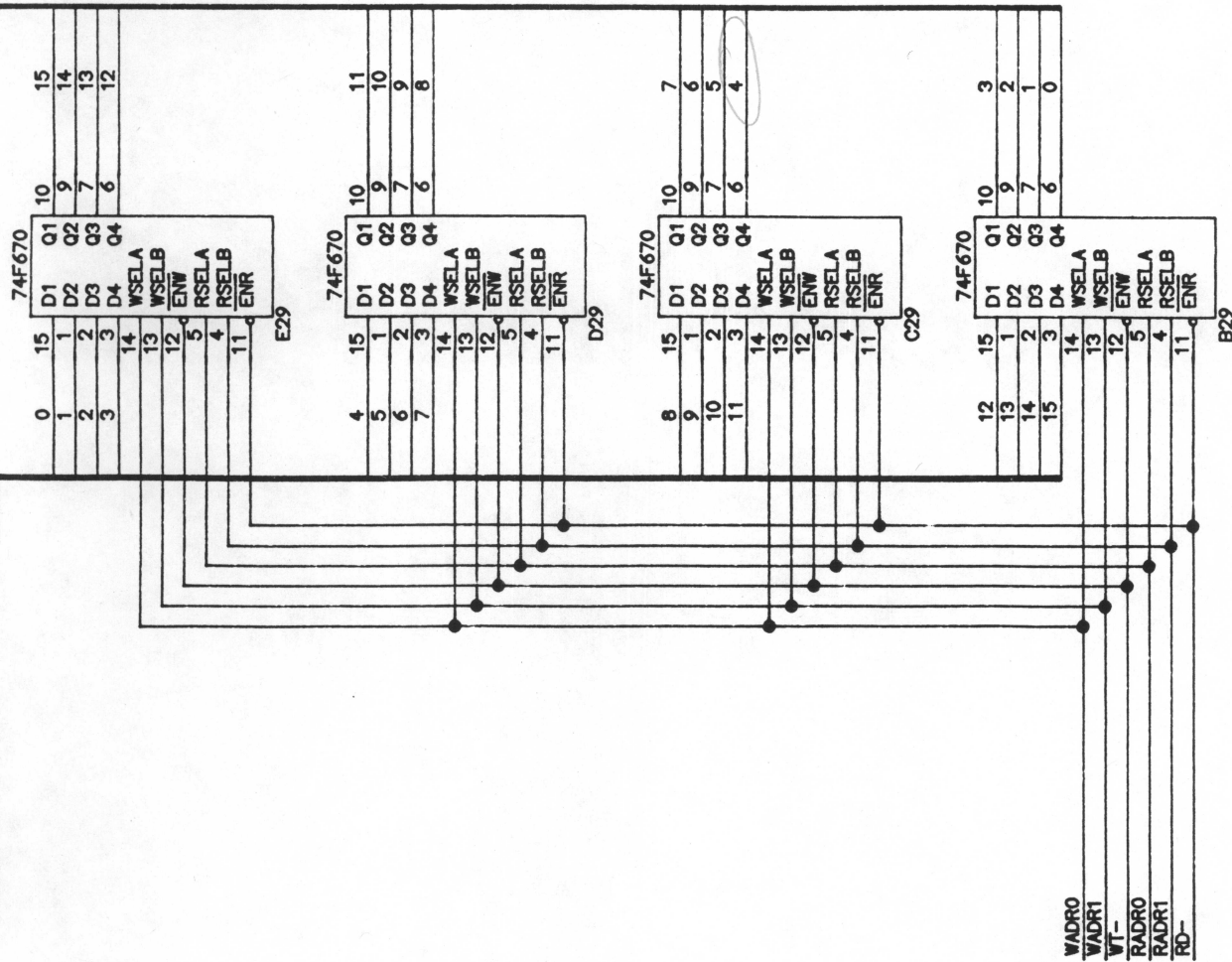


NOTE: DATA BIT ORDER IS REVERSED
 FROM INPUT TO OUTPUT TO ACCOUNT
 FOR REVERSED HOST AND CONTROLLER
 DATA BUS ORDER.

ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE DATA OUT A REGISTER FILE 4x16	
SIZE B	CODE NUMBER 700-0500-00
PRINT DATE	REV B
JAN 1, 1992	SHEET 38 OF 48

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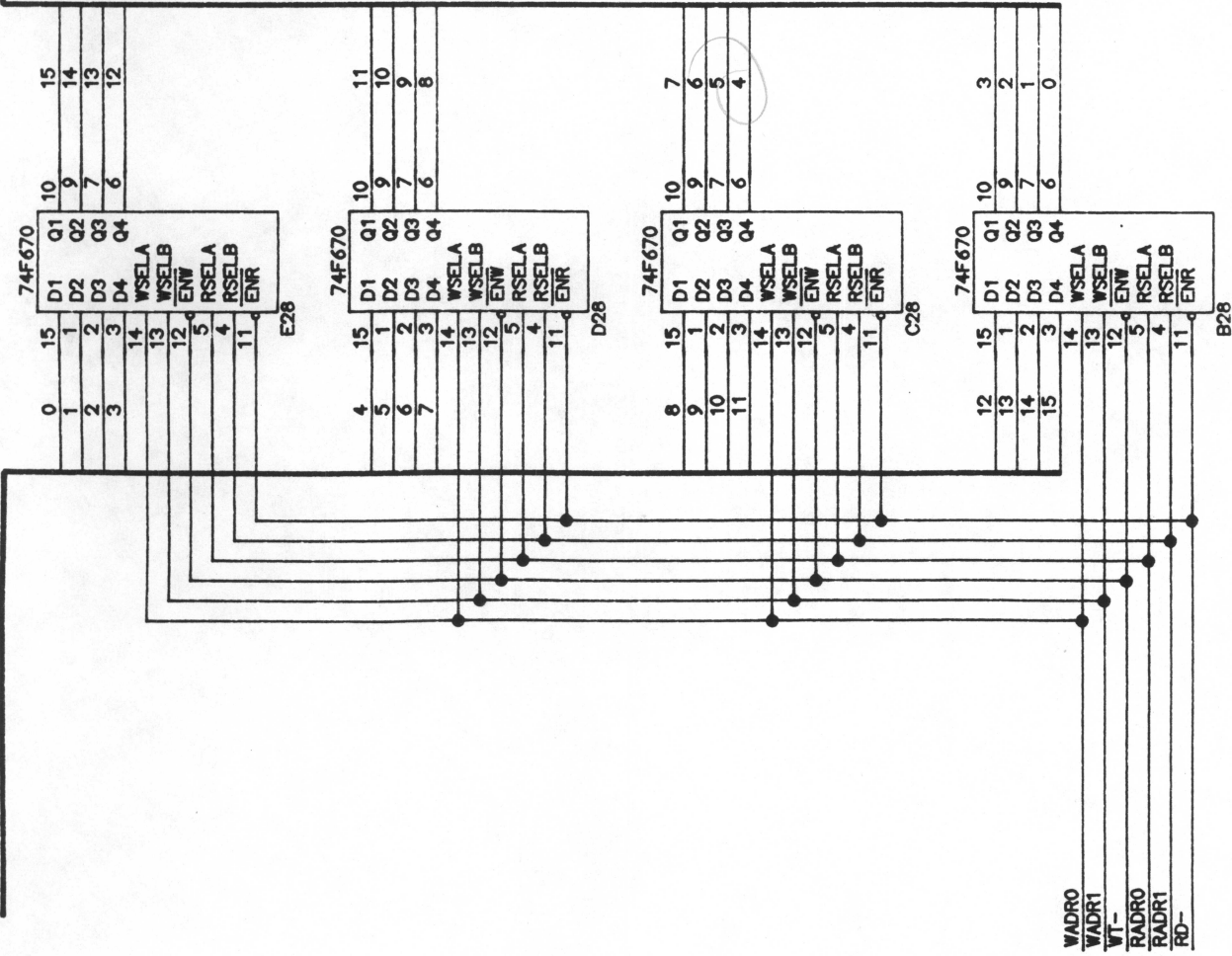


NOTE: DATA BIT ORDER IS REVERSED FROM INPUT TO OUTPUT TO ACCOUNT FOR REVERSED HOST AND CONTROLLER DATA BUS ORDER.

ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE REGISTER FILE 4x16	
SIZE B	CODE NUMBER 700-0500-00
PRINT DATE	REV B
JAN 1, 1992	
SHEET 39 OF 48	

DINK<0:15>

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NOTE: DATA BIT ORDER IS REVERSED
 FROM INPUT TO OUTPUT TO ACCOUNT
 FOR REVERSED HOST AND CONTROLLER
 DATA BUS ORDER.

ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE DATA OUT B
 REGISTER FILE 4x16

SIZE CODE NUMBER
 B 700-0500-00

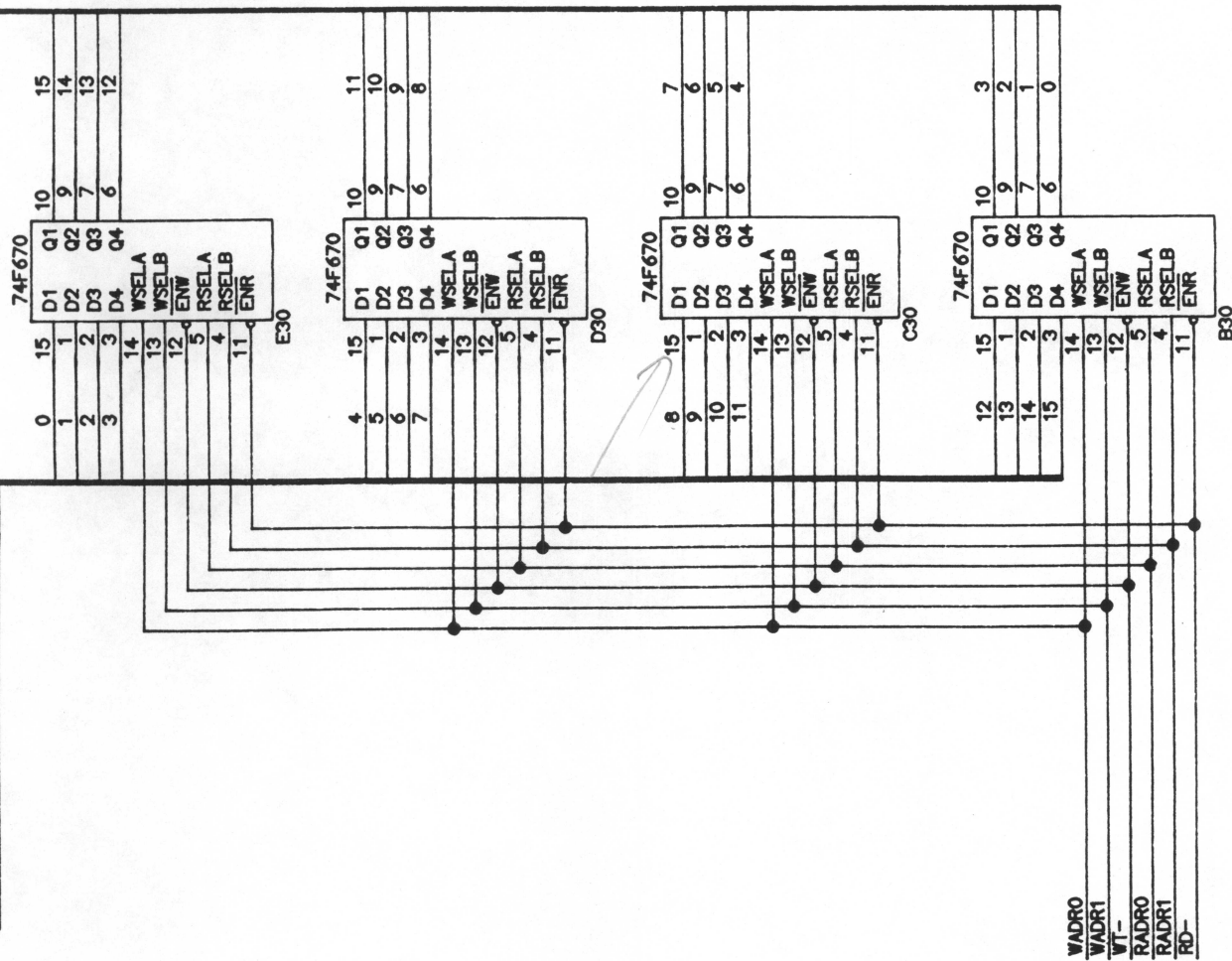
PRINT DATE JAN 1, 1992

SHEET 40 OF 48

REV 2

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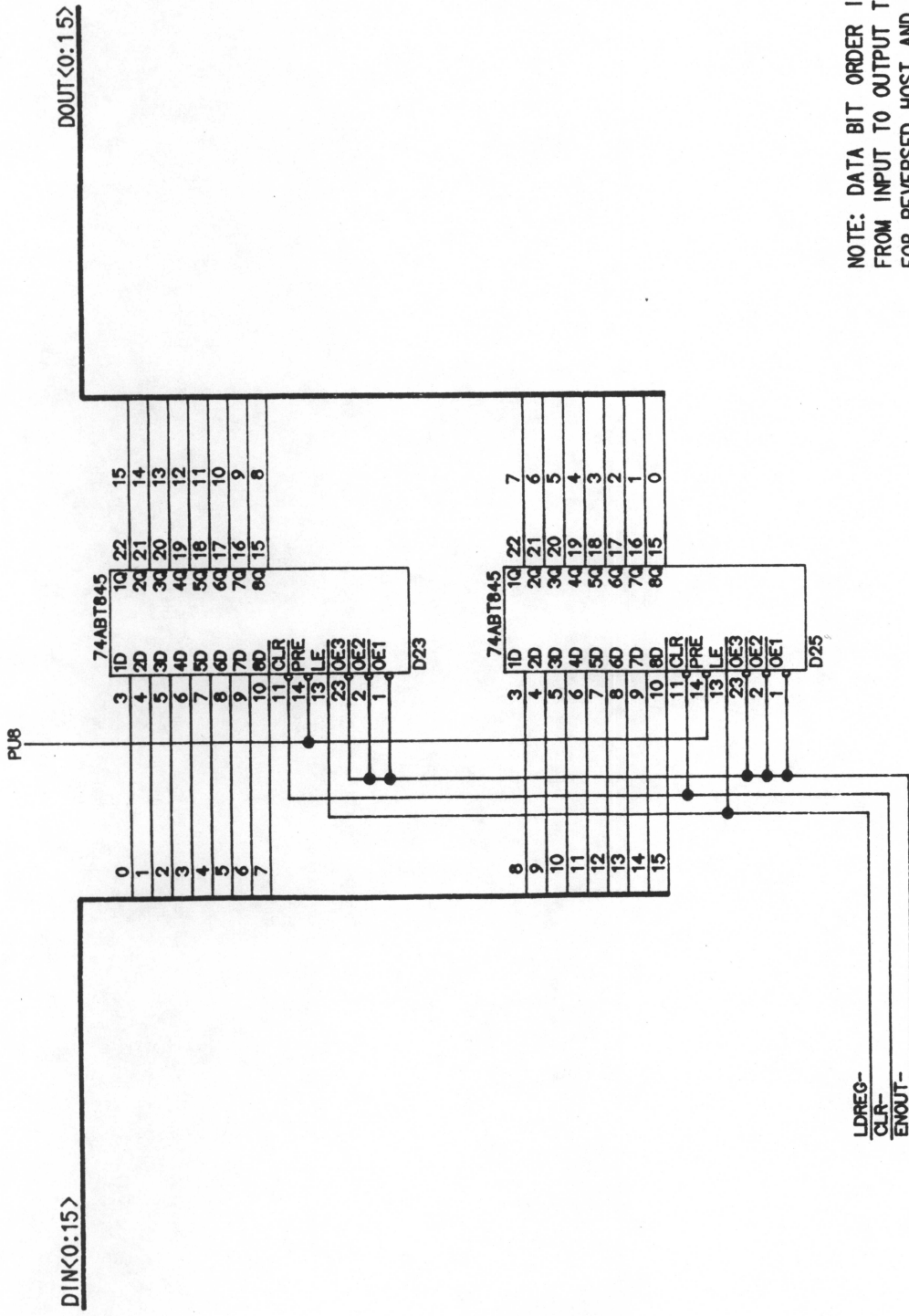
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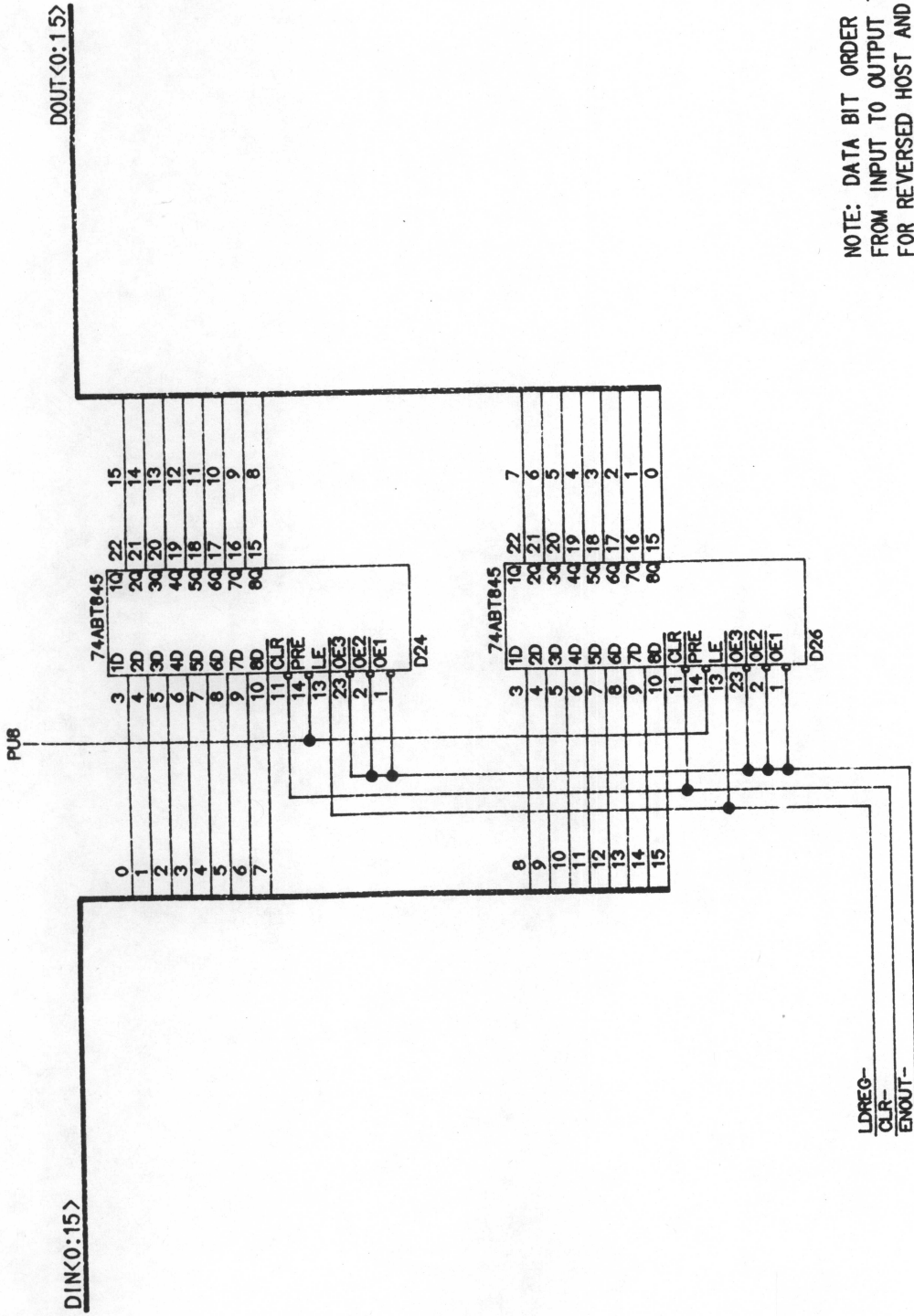
NOTE: DATA BIT ORDER IS REVERSED FROM INPUT TO OUTPUT TO ACCOUNT FOR REVERSED HOST AND CONTROLLER DATA BUS ORDER.

ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE	DATA IN B REGISTER FILE 4x16
SIZE	B
CODE	700-0500-00
NUMBER	
DATE	JAN 1, 1992
SHEET	41 OF 48
REV	B



NOTE: DATA BIT ORDER IS REVERSED FROM INPUT TO OUTPUT TO ACCOUNT FOR REVERSED HOST AND CONTROLLER DATA BUS ORDER.

ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE DATA OUT C DEV 0	
REGISTER FLIP-FLOPS W/CLR	REV
SIZE B	700-0500-00
CODE NUMBER	B
PRINT DATE JAN 1, 1992	SHEET 42 OF 48



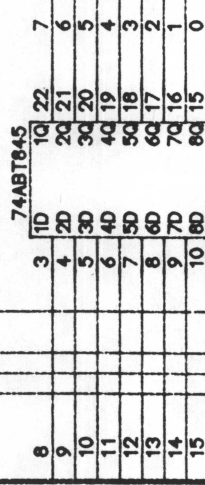
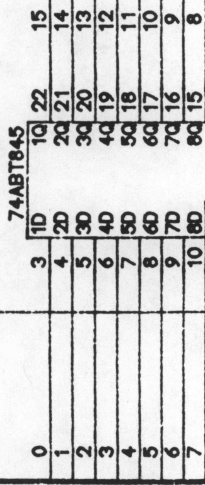
NOTE: DATA BIT ORDER IS REVERSED FROM INPUT TO OUTPUT TO ACCOUNT FOR REVERSED HOST AND CONTROLLER DATA BUS ORDER.

ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337		TITLE DATA OUT C DEV 1	
SIZE B	CODE 700-0500-00	NUMBER REV B	REV B
PRINT DATE	JAN 1, 1992		SHEET 43 OF 48

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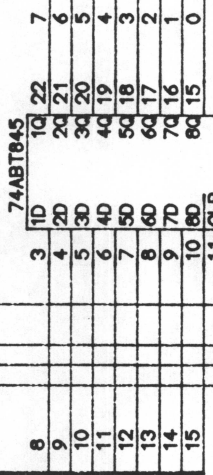
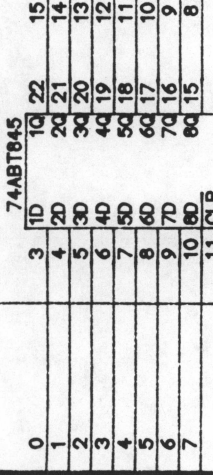
NOTE: DATA BIT ORDER IS REVERSED
FROM INPUT TO OUTPUT TO ACCOUNT
FOR REVERSED HOST AND CONTROLLER
DATA BUS ORDER.

ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337		A	
TITLE DATA OUT C DEV 2			
REGISTER FLIP-FLOPS W/CLR	SIZE B	CODE NUMBER 700-0500-00	REV 8
DATE JAN 1, 1992	PRINT	SHEET 44 OF 48	2

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DOUT<0:15>

PUB



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CLR-
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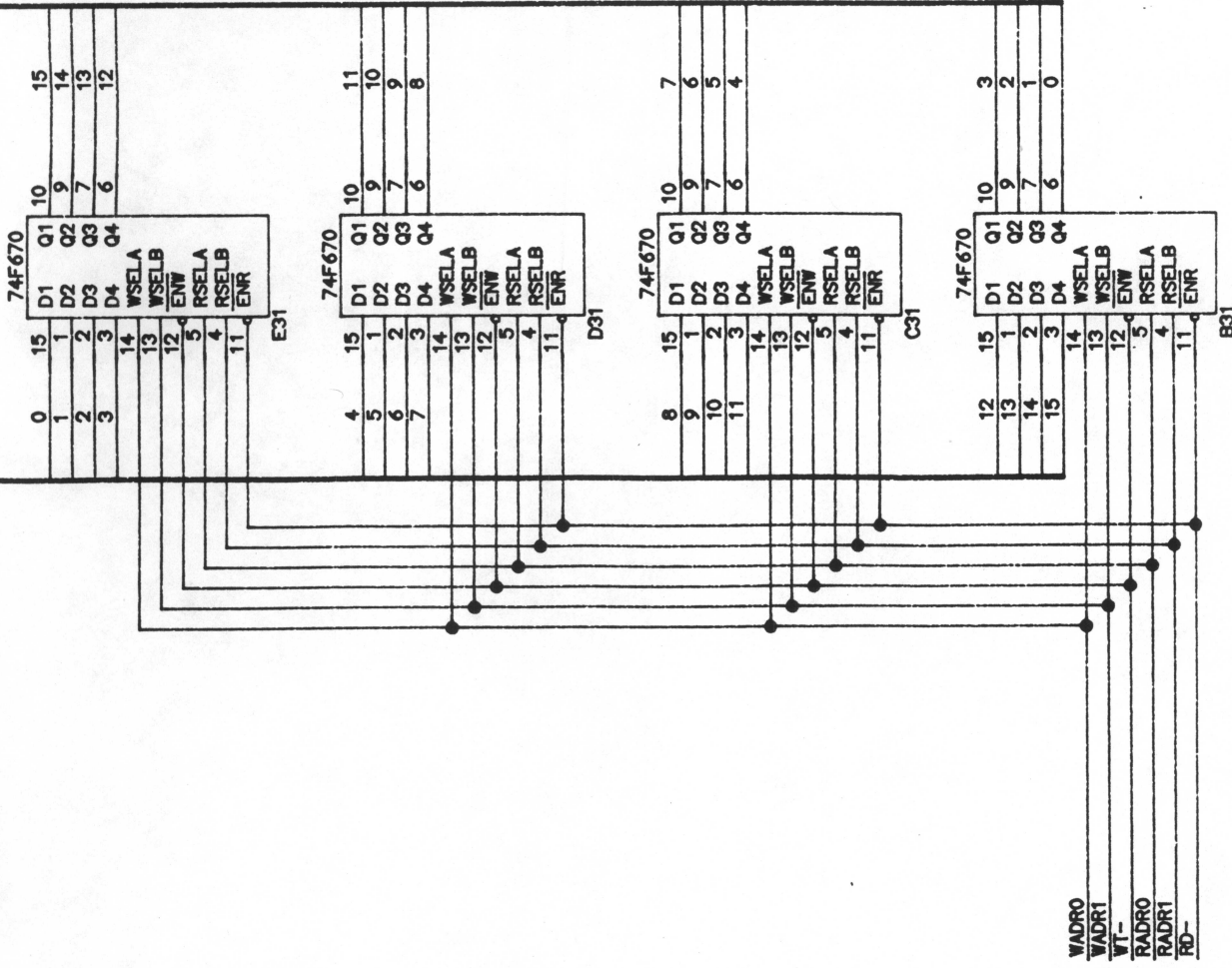
NOTE: DATA BIT ORDER IS REVERSED FROM INPUT TO OUTPUT TO ACCOUNT FOR REVERSED HOST AND CONTROLLER DATA BUS ORDER.

ZETACO, INC. 11400 RUPP DRIVE BURNSVILLE, MN 55337	
TITLE DATA OUT C DEV 3 REGISTER FLIP-FLOPS W/CLR	
SIZE B	CODE NUMBER 700-0500-00
PRINT DATE	REV B
JAN 1, 1992	
SHEET 45 OF 48	

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

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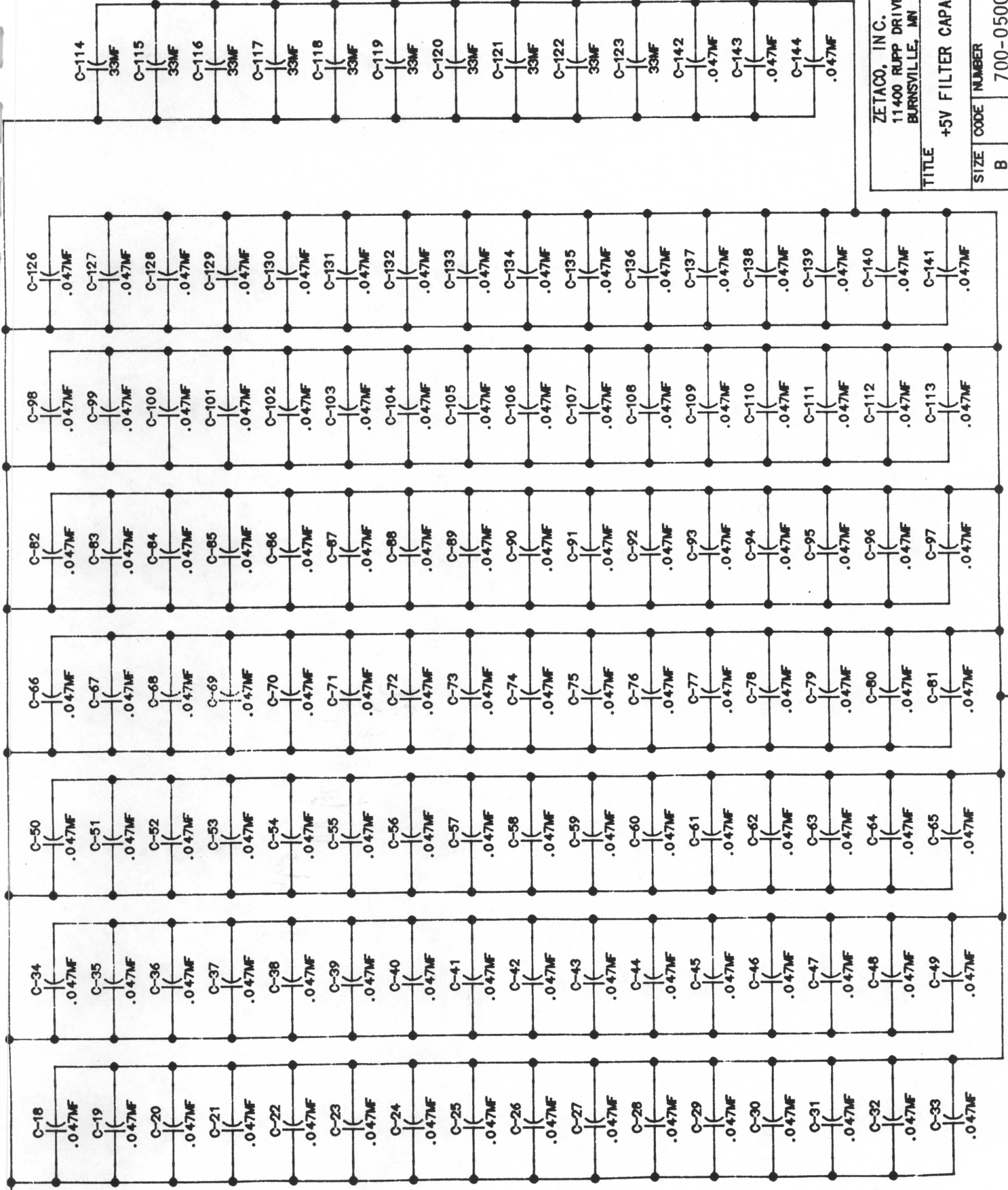
DOUT<0:15>



NOTE: DATA BIT ORDER IS REVERSED
 FROM INPUT TO OUTPUT TO ACCOUNT
 FOR REVERSED HOST AND CONTROLLER
 DATA BUS ORDER.

ZETACO, INC. 11400 RUPP DRIVE BURRNVILLE, MN 55337	
TITLE DATA IN C REGISTER FILE 4x16	
SIZE B	NUMBER 700-0500-00
PRINT DATE	REV B
JAN 1, 1992	SHEET 46 OF 48

+5V

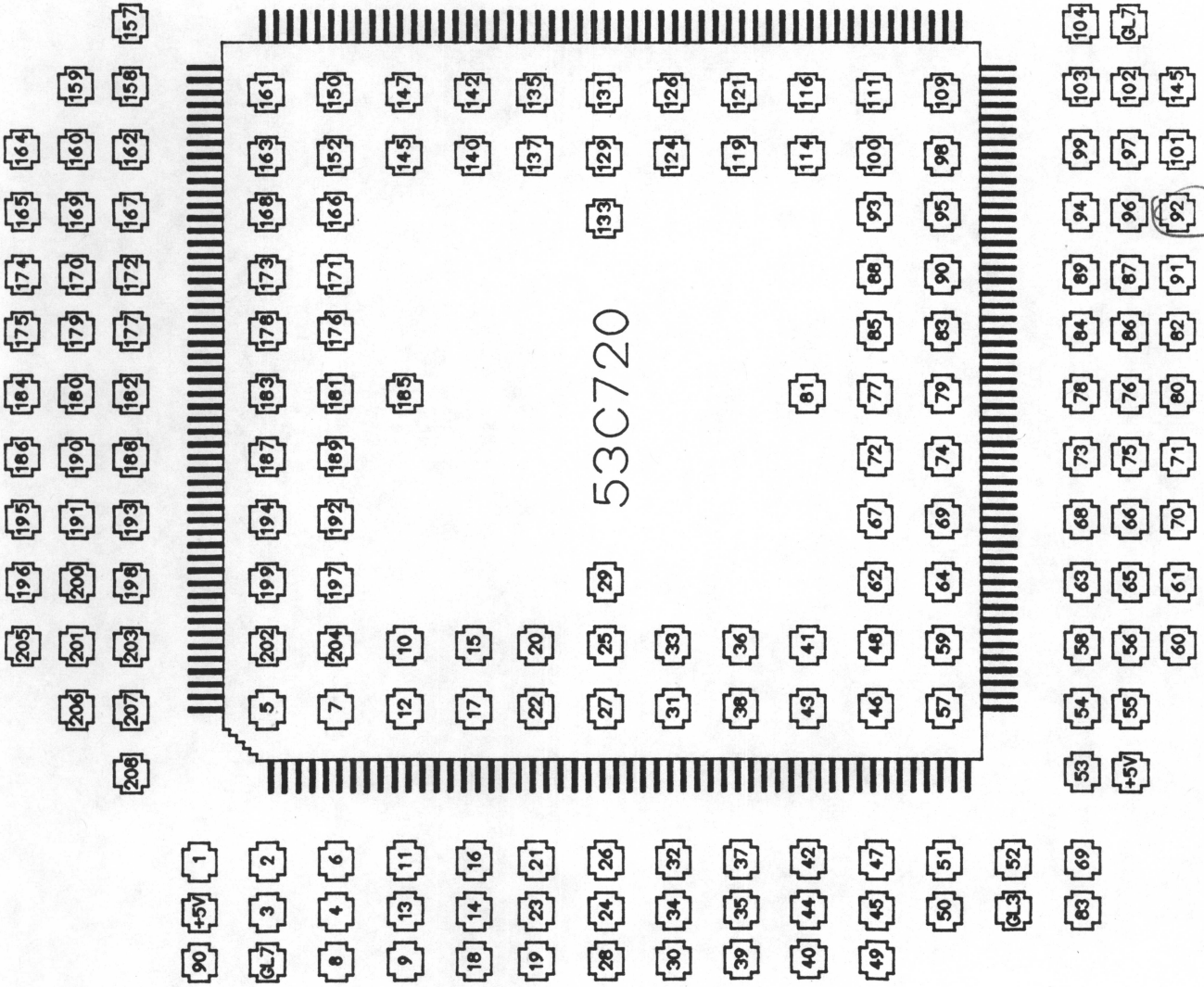


NEXT COMPONENT NUMBER

- D-22
- U287
- R49
- C-145
- RP5
- JP10

ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE		+5V FILTER CAPACITORS	
SIZE	CODE	NUMBER	REV
B		700-0500-00	B
PRINT DATE	JAN 1, 1992		SHEET 47 OF 48



ZETACO, INC.
 11400 RUPP DRIVE
 BURNSVILLE, MN 55337

TITLE
 53C720 INTERCONNECT LOCATIONS

SIZE	CODE	NUMBER	REV
B		710-0500-00	B
PRINT			
DATE		JAN 1, 1992	SHEET 47B OF 48

WAG Out

WAG Out

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SPARE20		19
1	1G	G18
2	2G	G17
3	3G	G16
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5	5G	G14
6	6G	G13
7	7G	G12
8	8G	G11
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A2

SPARE20		19
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2	2G	G17
3	3G	G16
4	4G	G15
5	5G	G14
6	6G	G13
7	7G	G12
8	8G	G11
9	9G	G10

K31

SPARE20		19
1	1G	G18
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3	3G	G16
4	4G	G15
5	5G	G14
6	6G	G13
7	7G	G12
8	8G	G11
9	9G	G10

K30

SPARE16		15
1	1G	G14
2	2G	G13
3	3G	G12
4	4G	G11
5	5G	G10
6	6G	9G
7	7G	8G

J20

SPARE20		19
1	1G	G18
2	2G	G17
3	3G	G16
4	4G	G15
5	5G	G14
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7	7G	G12
8	8G	G11
9	9G	G10

J31

SPARE20		19
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K18

SPARE16		15
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6	6G	9G
7	7G	8G

G31

ZETACO, INC.
11400 RUPP DRIVE
BURNSVILLE, MN 55337

TITLE SPARE IC'S

SIZE	CODE	NUMBER	REV
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PRINT DATE	JAN 1, 1992		SHEET 48 OF 48