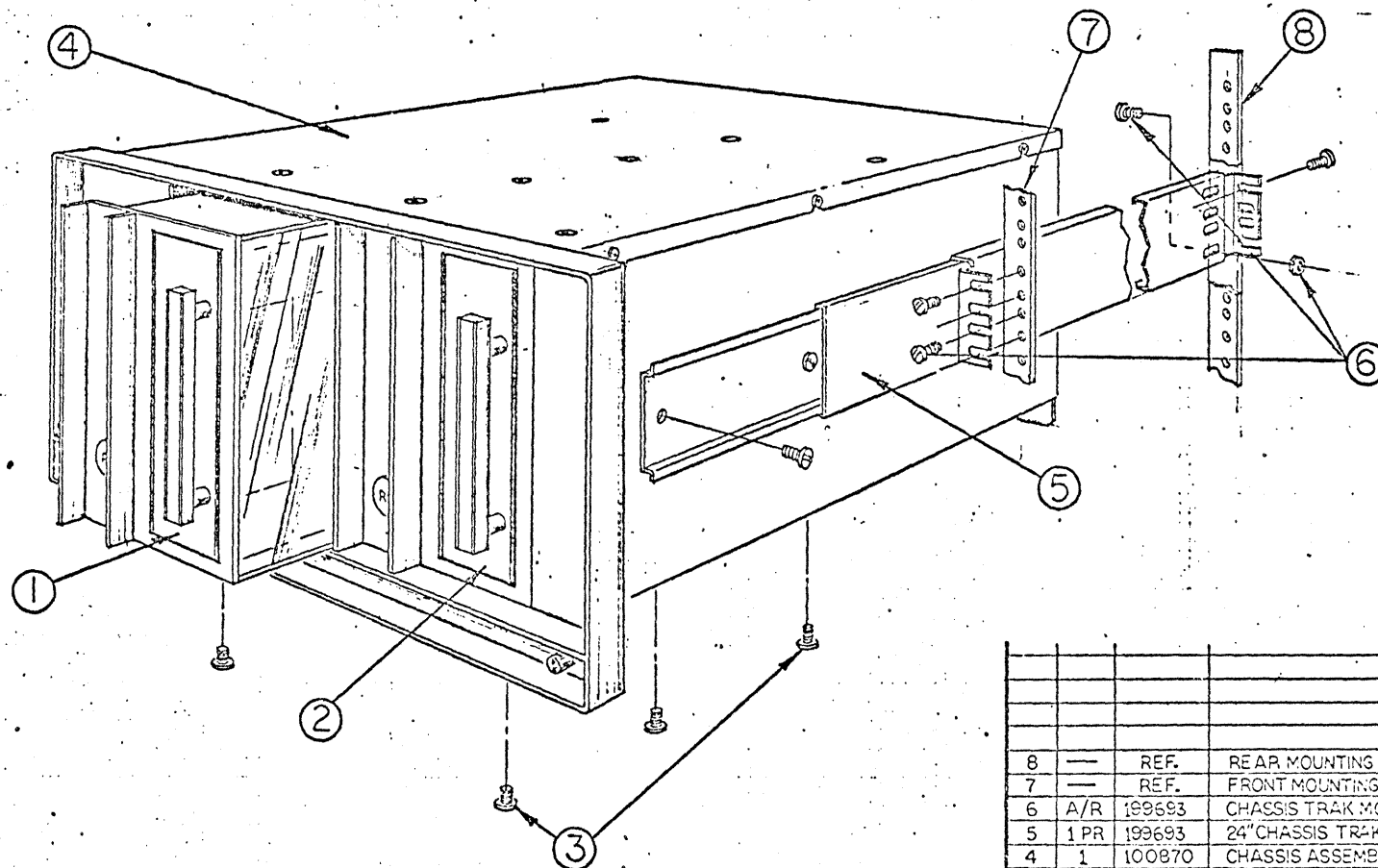
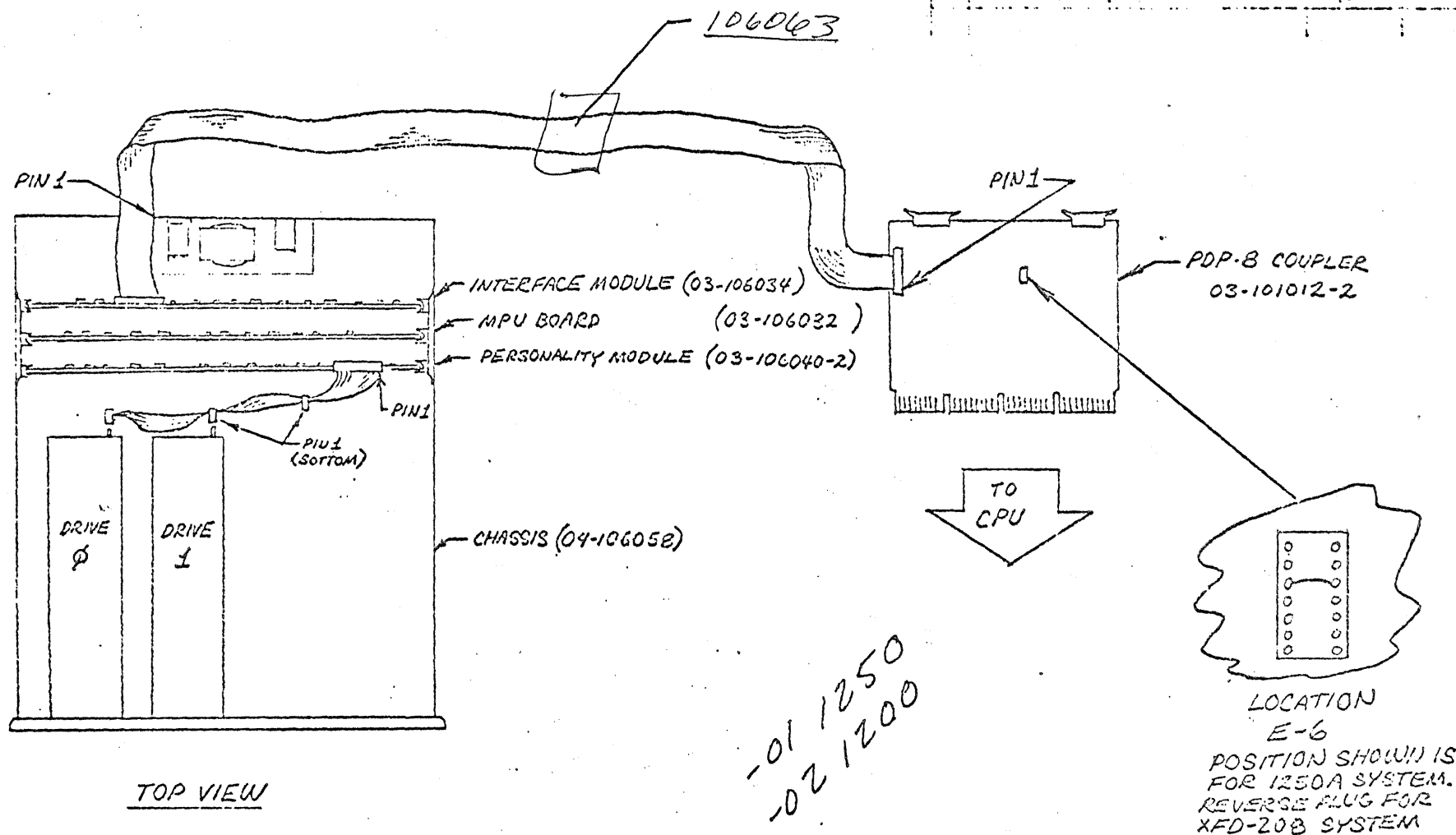




ITEM	QUAN	XPN	DESCRIPTION
8	—	REF.	REAR MOUNTING RAIL
7	—	REF.	FRONT MOUNTING RAIL
6	A/R	199693	CHASSIS TRAK MOUNTING HDWR.
5	1 PR	199693	24" CHASSIS TRAK SLIDE KIT
4	1	100870	CHASSIS ASSEMBLY
3	6	199352	8/32X3/8 UNIT MOUNTING SCREWS
2	1	100872	UNIT 1 ASSEMBLY
1	1	100871	UNIT 2 ASSEMBLY
ITEM	QUAN	XPN	DESCRIPTION

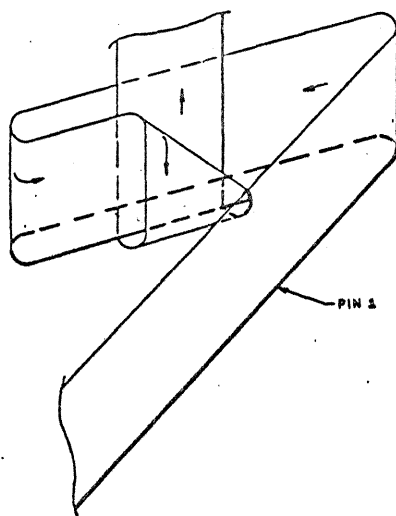
XEBEC SYSTEMS INC
FLEXIBLE DISK SYSTEM
UNIT AND SLIDE KIT ASSEMBLY

DATE: 6-29-73 XPN. 100820 C

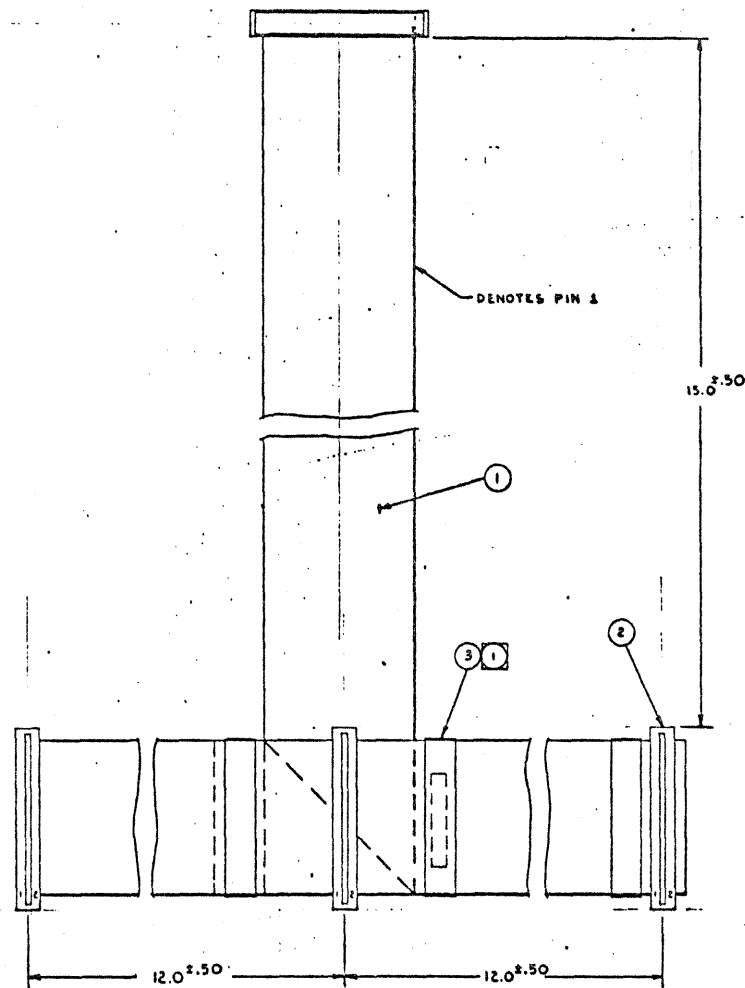


-01/1250
-02/1200

	1250 A CABLE INTERCONNECT DIAG.



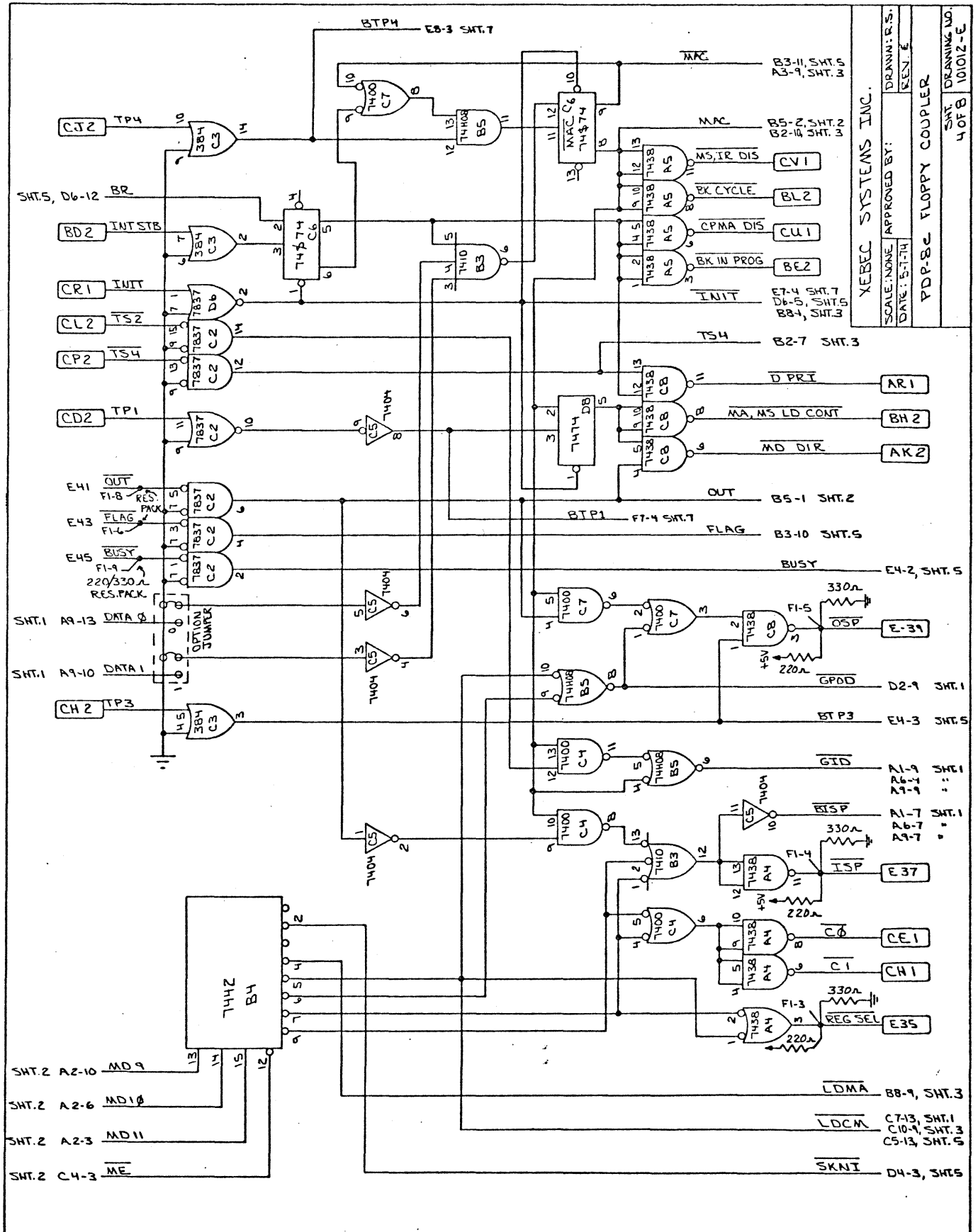
FOLDING DETAIL
SCALE: NONE

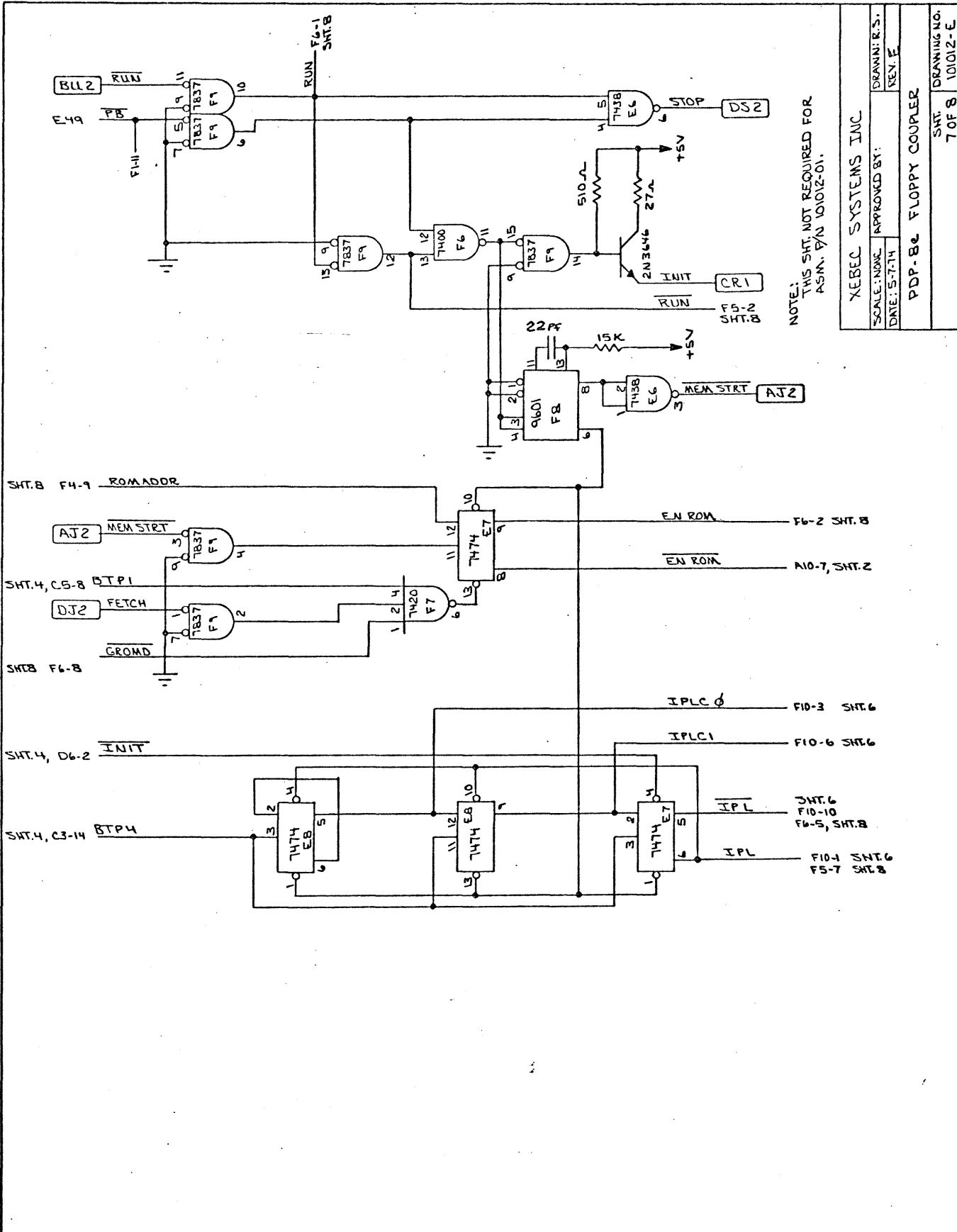


NOTES: UNLESS OTHERWISE SPECIFIED
1 INK STAMP PART NO APPROX
WHERE SHOWN .12 HIGH, BLACK

ITEM	PART NO.	DESCRIPTION	QTY
3		TAPE	AR
E	199956	CONNECTOR	4
I	199544	CABLE-FLAT 3M	AR
CABLE ASSY			
106048			
REV 1			

106018-106019
NEXT ASSY USED ON





NOTE:
THIS SHT. NOT REQUIRED FOR
ASNA. P/N 101012-01.

XEBEC SYSTEMS INC.

SCALE: NONE	APPROVED BY:	DRAWN: S. J.
DATE: 5-7-74	REV: E	
PDP-8e FLOPPY COUPLER		
SHT. 7 OF 8	DRAWING NO. 101012-E	

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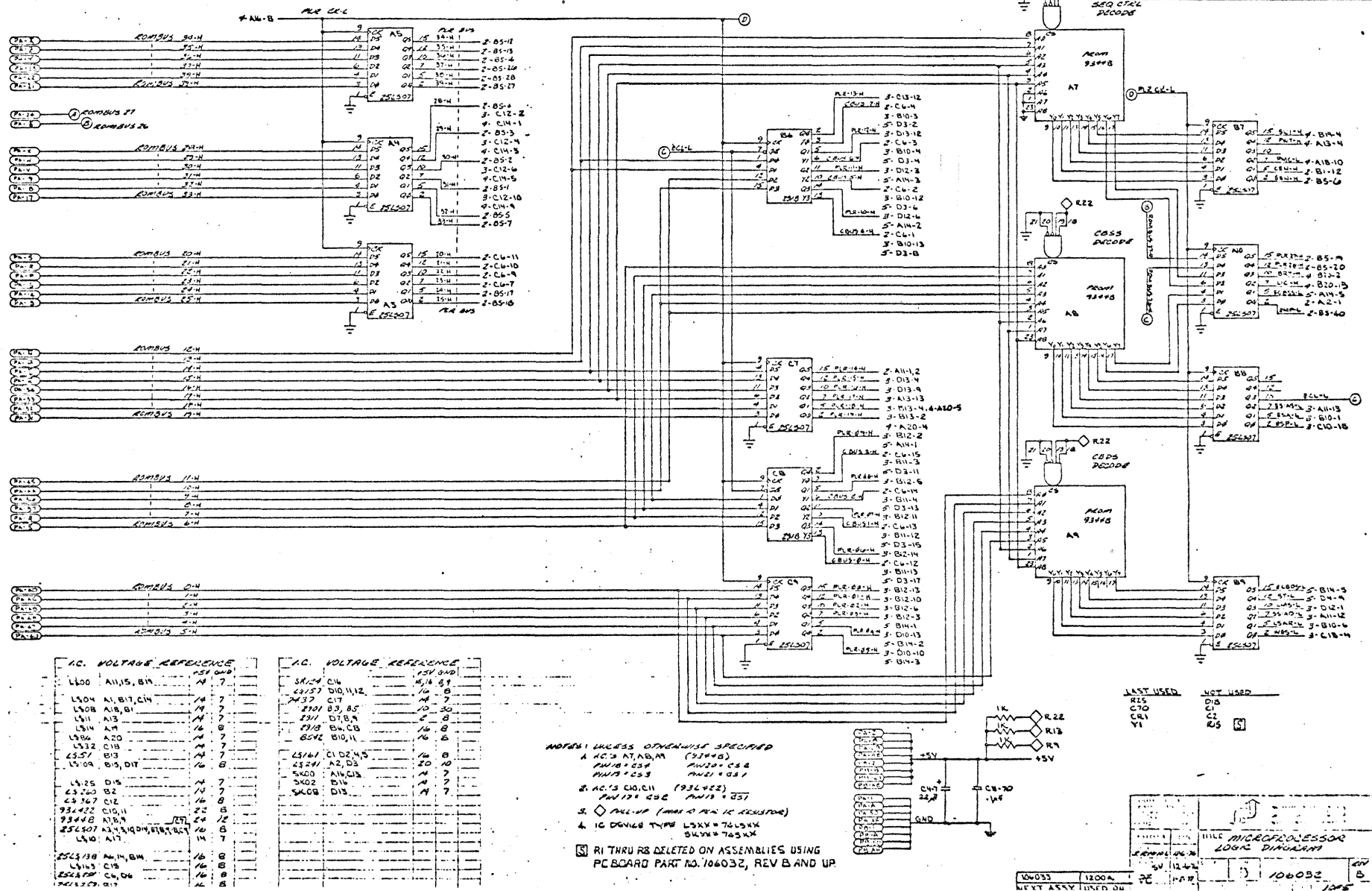
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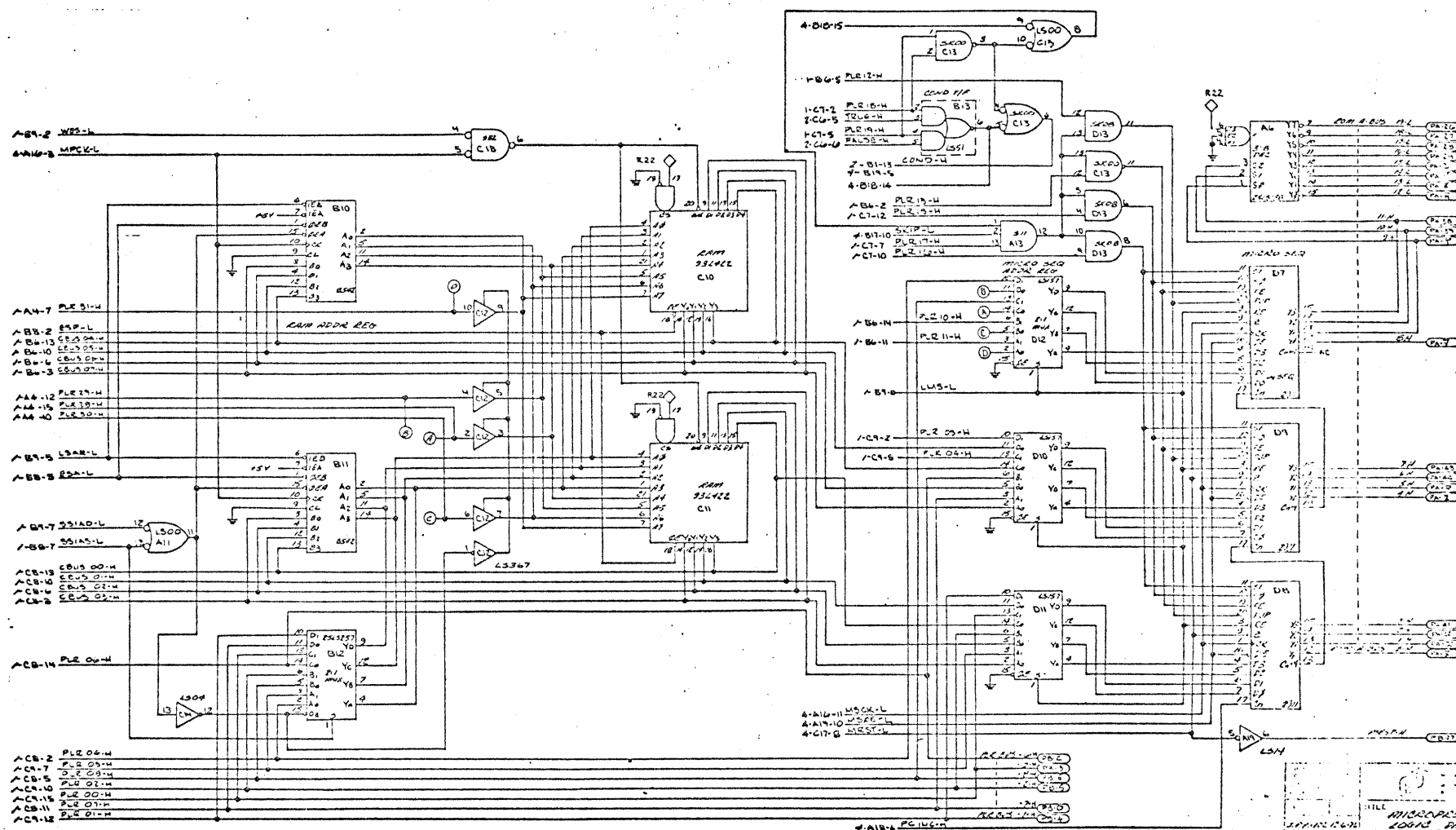
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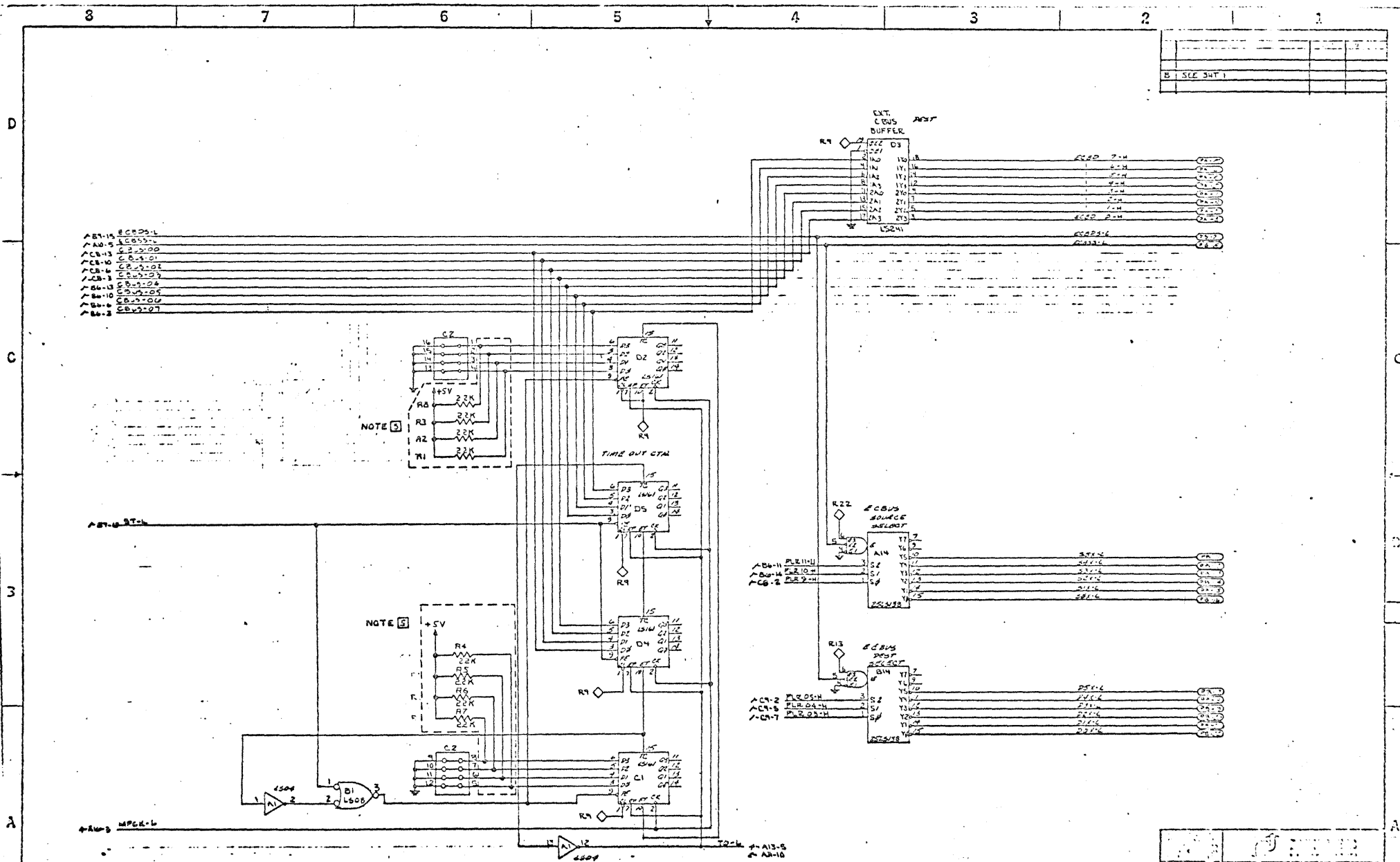


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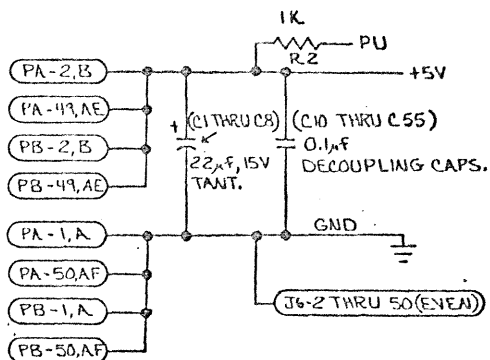
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FILE MICROPROCESSOR
LOGIC DIAGRAM

191 2252



| REVISIONS | | DATE | APPROVED |
|-----------|------------------------|---------|----------|
| LTR | DESCRIPTION | | |
| 1 | PROTOTYPE | 1-21-76 | |
| 2 | PER ENGR. INPUT | 5-18-77 | |
| A | PRODUCTION RELEASE | 5-25-77 | |
| B | REVISED PER ECN NO. 10 | 7-28-77 | |



NOTES: UNLESS OTHERWISE SPECIFIED

1. RESISTORS ARE IN OHMS $\pm 5\%$, 1/4 W
2. LAST USED; C55, R2
3. IC DEVICE TYPE LSXX=74LSXX
4. FOR IC POWER & GND PINS
SEE CHART
5. APPLIES TO ASSEMBLIES USING PC BOARD P/N 106035 REV I
6. APPLIES TO ASSEMBLIES USING PC BOARD P/N 106035 REV A
7. DELETE ON ASSEMBLIES USING PC BOARD P/N 106035 REV A

| I.C. VOLTAGE REFERENCE | | | |
|------------------------|----------------------------------|----|-----|
| | LOCATION | +5 | GND |
| 7416 | C4 | 14 | 7 |
| L500 | A14 | 14 | 7 |
| L502 | A12, B13 [5] | 14 | 7 |
| L508 | B14 | 14 | 7 |
| L574 | A13 | 14 | 7 |
| L5138 | A7, A8 | 16 | 8 |
| L5173 | A6, 9-11, B6, B3-14, B7, B12 [7] | 16 | 8 |
| 8837 | C3 | 16 | 8 |
| 8838 | C8-10, C7 [7] | 16 | 8 |
| 93448 | B1-5, A1-5 | 24 | 12 |
| LS32 | C5 [5], B16 [6] | 14 | 7 |

| TOLERANCES UNLESS OTHERWISE SPECIFIED | | DATE | TITLE |
|---------------------------------------|----------|-------|-----------------------|
| DEC | 1000 | 12-76 | MPIC INTERFACE MODULE |
| ANGLES | 10 | | |
| APPROVALS | | | |
| DRAWN | S. VEDDA | | |
| CHECKED | | | |
| APP | | | |
| SCALE | NONE | SIZE | C |
| DRAWING NO. | 106034 | REV. | B |

DO NOT SCALE DRAWING
SHEET 1 OF 7
106035 1200A
NEXT ASSY. USED ON

REVISIONS

DESCRIPTION

LTR

APPROVED

DATE

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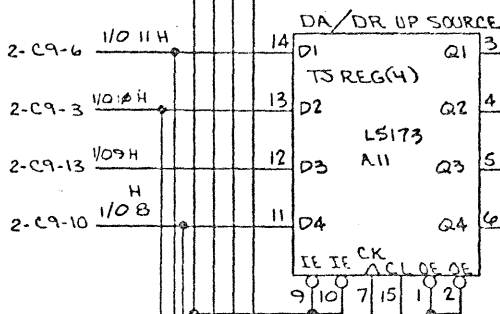
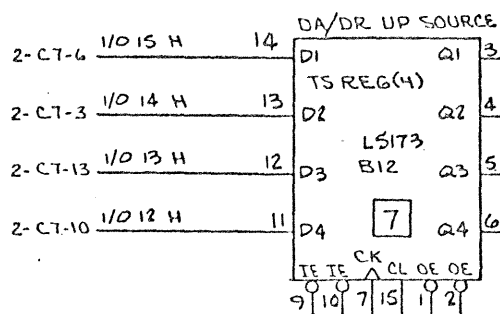
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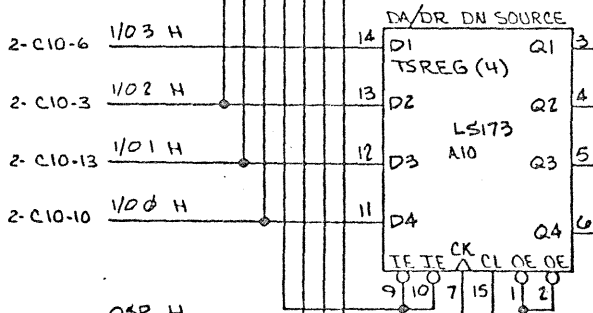
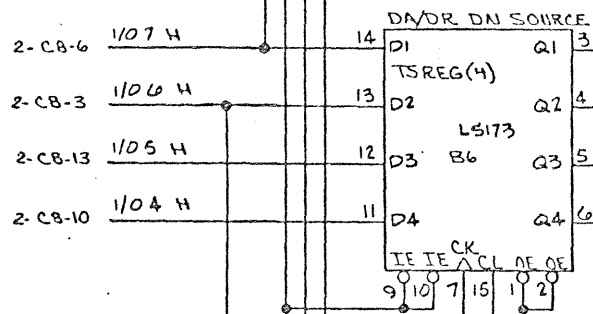
DATE

BY

REV



4-A7-13 522 L



5-C3-12 OSP H

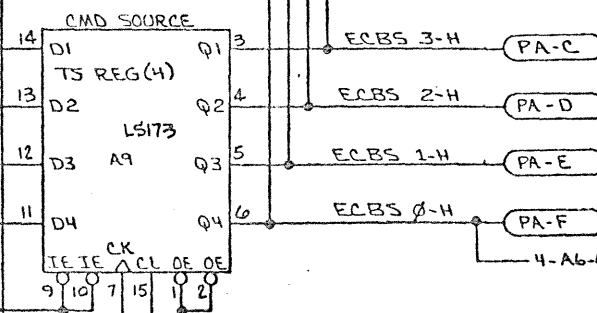
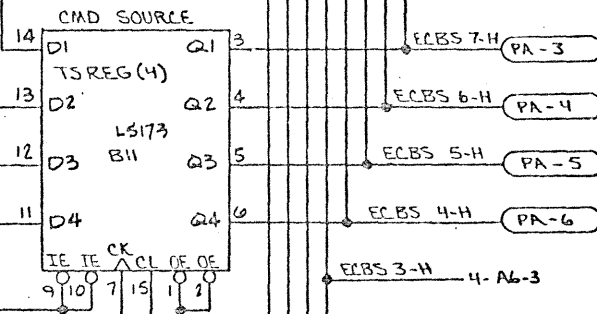
5-A12-1 INIT H

5-C3-10 DATA L

5-C3-6 DATA H

4-A7-12 523 L

4-A7-15 520 L



| | | | | | |
|--|-------------------------------|------------|--------------------------------|--------|--------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC .XX
DEC .XXX
INCHES .XX | XEBEC
SYSTEMS INCORPORATED | | TITLE MPIC INTERFACE
MODULE | | REV. B |
| | DATE 12-11-76 | SCALE NONE | DRAWING NO. 106034 | SIZE C | SHEET 3 OF 7 |
| APPROVALS | DRAWN | CHECKED | DATE | DATE | DATE |

APPROVED

DESCRIPTION

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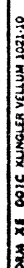
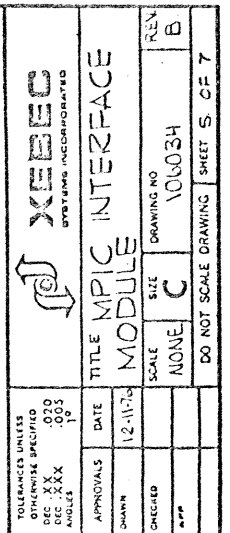
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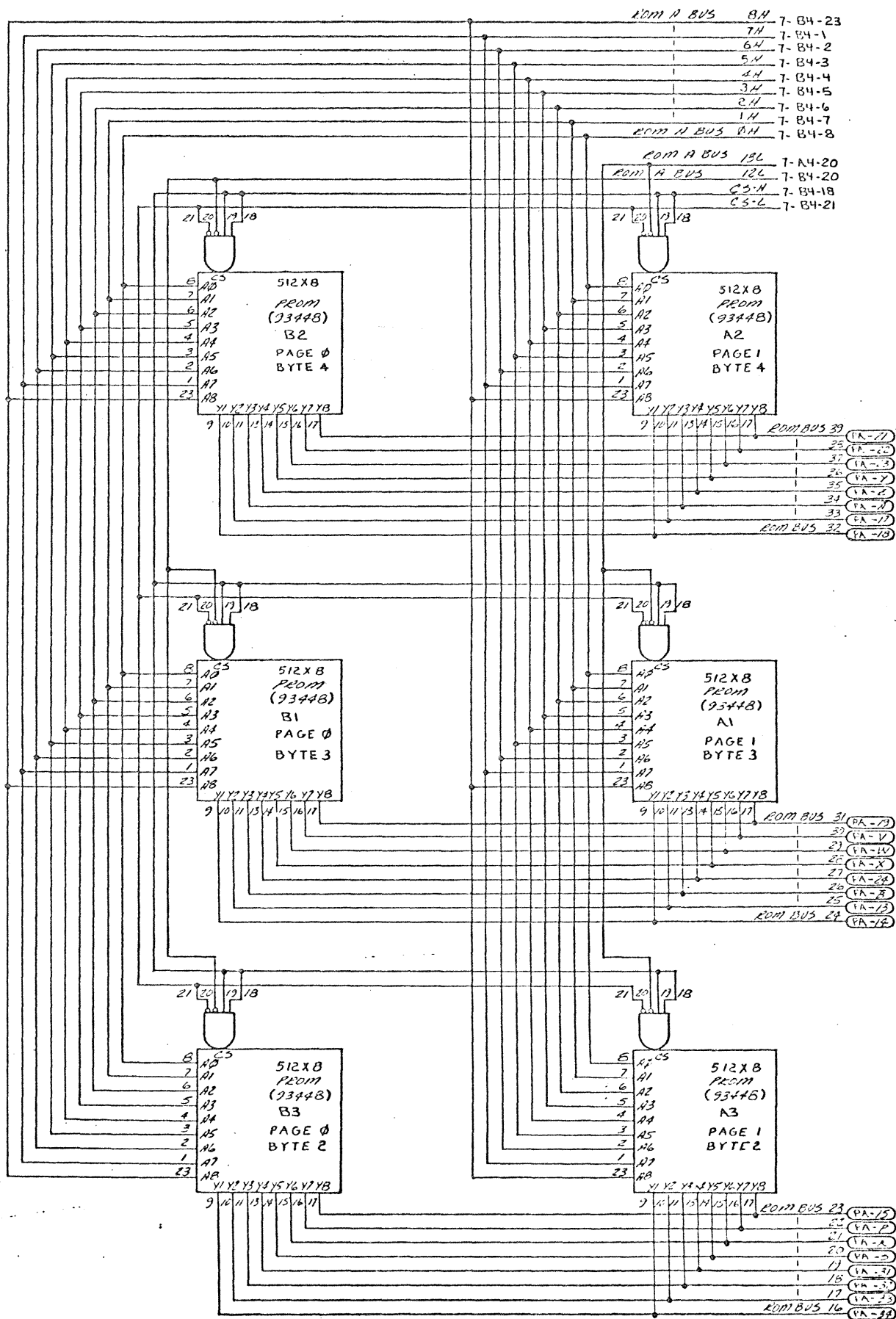
341

342

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344





KEEBS
SYSTEMS INCORPORATED

TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC. XXX .010
DEC. XXX .005
INCHES

APPROVALS DATE 4-55-76
DRAWN 4-55-76
CHECKED
APP

TITLE MPIC INTERFACE MODULE
SCALE
SIZE C
DRAWING NO 106034
REV. B
DO NOT SCALE DRAWING SHEET 6 OF 7

REVISIONS

DESCRIPTION

LTR

APPROVED

DATE

BY

FOR

REVISION

DATE

BY

FOR

REVISION

DATE

BY

FOR

REVISION

DATE

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FOR

REVISION

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FOR

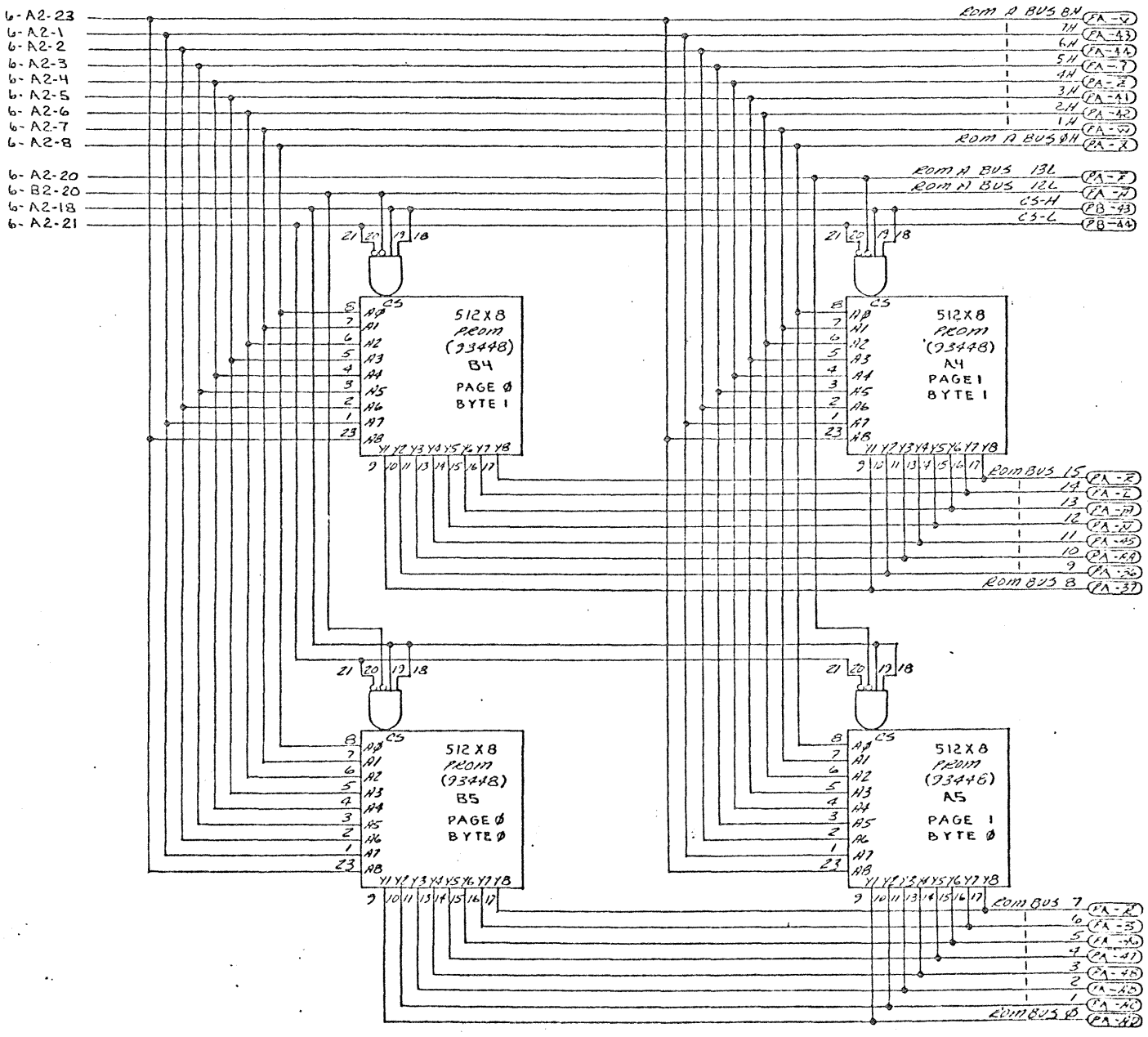
REVISION

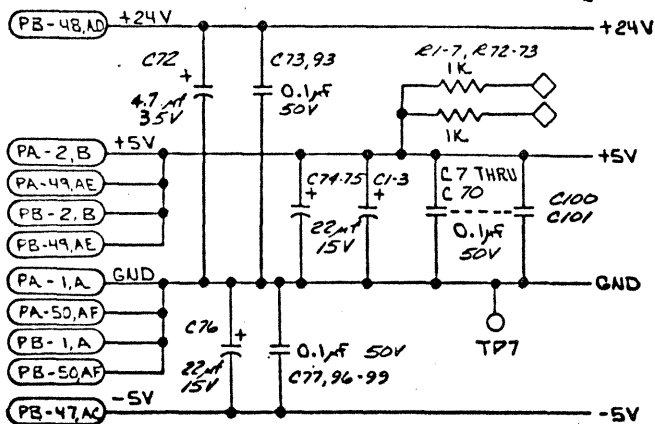
DATE

BY

FOR

| | | | |
|---|--|--|--|
|  | | XEROX
SYSTEMS INCORPORATED | |
| TOLERANCES UNLESS
OTHERWISE SPECIFIED
DEC .XX .XX
ANGLES
DEC .XX .XX | | DATE
10/15/71 | |
| APPROVALS
DESIGNED
CHECKED
APP | | TITLE
MPIC INTERFACE
 MODULE | |
| SCALE
1" = 1" | | SIZE
C | |
| DRAWING NO.
106034 | | REV.
5 | |
| DO NOT SCALE DRAWING | | SHEET 7 OF 7 | |



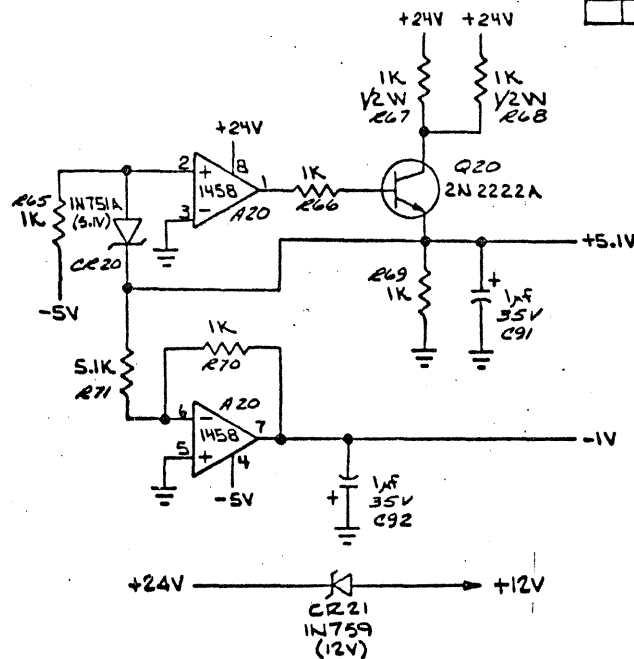


NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS IN OHMS 1/4W, 5%.
2. IC DEVICE TYPE LSXX = 74LSXX
SKXX = 74SKXX

| IC VOLTAGE REFERENCE | | | | | |
|----------------------|-----|-----|--------|------|-----|
| DEVICE | VCC | GND | DEVICE | VCC | GND |
| LS00 | 14 | 7 | SK387 | 16 | 8 |
| LS02 | 14 | 7 | 7416 | 14 | 7 |
| LS04 | 14 | 7 | 7417 | 14 | 7 |
| LS08 | 14 | 7 | F9401 | 14 | 7 |
| LS32 | 14 | 7 | DM9602 | 16 | 8 |
| LS74 | 14 | 7 | LS151 | 16 | 8 |
| LS85 | 16 | 8 | LS164 | 14 | 7 |
| LS86 | 14 | 7 | LS193 | 16 | 8 |
| LS109 | 16 | 8 | SK124 | 5,16 | 8,9 |
| LS132 | 14 | 7 | | | |
| LS133 | 16 | 8 | | | |
| LS153 | 16 | 8 | | | |
| LS157 | 16 | 8 | | | |
| LS163 | 16 | 8 | | | |
| LS173 | 16 | 8 | | | |
| LS194A | 16 | 8 | | | |
| LS241 | 20 | 10 | | | |
| LS273 | 20 | 10 | | | |

| REF DESIGNATION | |
|-----------------|----------|
| LAST USED | NOT USED |
| C103 | C4,C5,C6 |
| R24 | |
| R79 | |
| CR21 | |
| Q20 | |
| TP8 | |



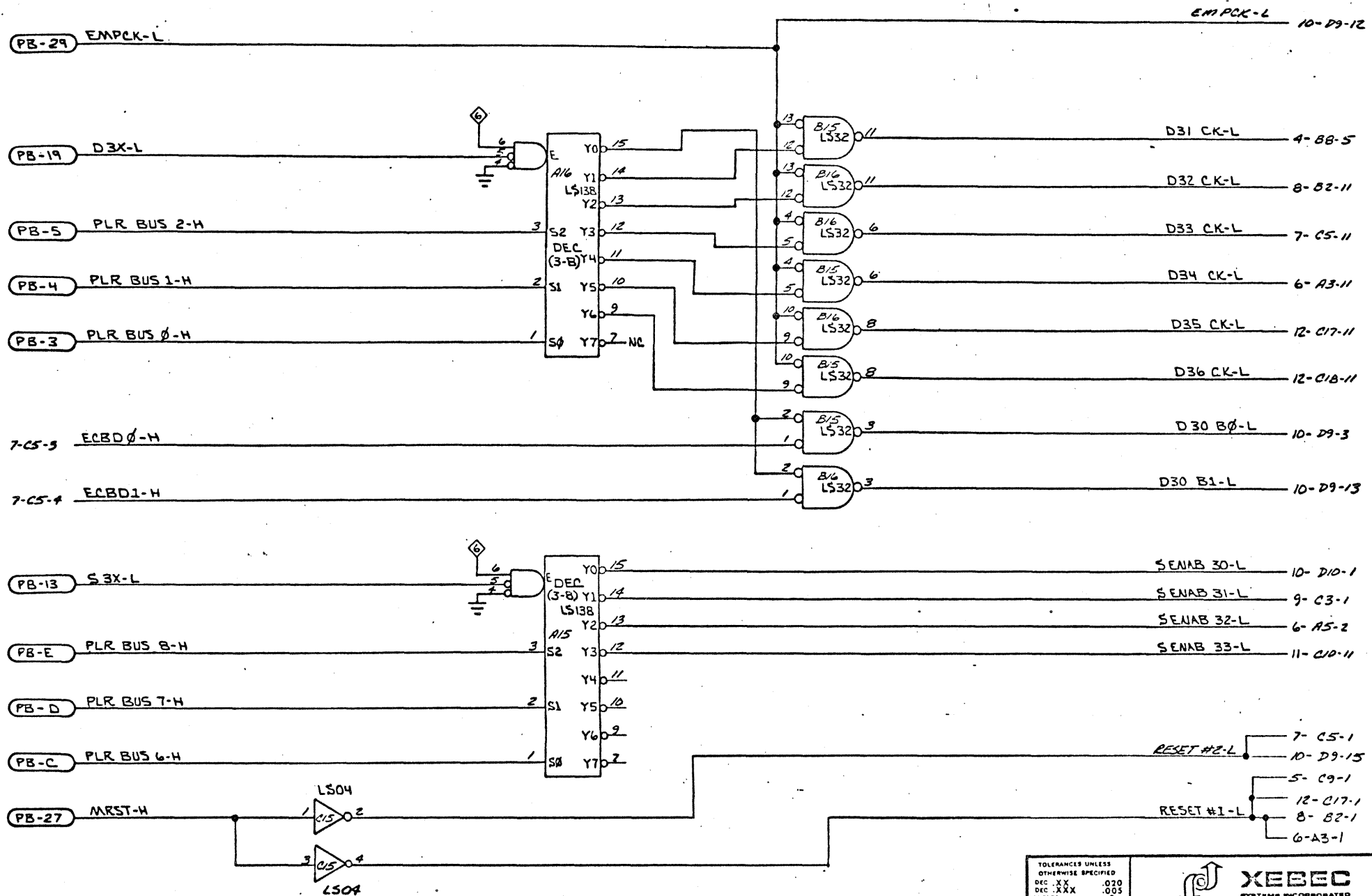
ANALOG POWER SUPPLY

| LTR | DESCRIPTION | APPROVED |
|-----|--------------|----------|
| B | PROD RELEASE | |

| | | | |
|---|-------|---|--------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC .XX .020
DEC .XXX .005
ANGLES 1° | | | |
| APPROVALS | DATE | TITLE PERSONALITY MODULE
FLEXIBLE DISK DRIVE | |
| DRAWN S.V. | 12-76 | SCALE NONE | SIZE C |
| CHECKED | | DRAWING NO. 106090 | REV. B |
| APP | | DO NOT SCALE DRAWING SHEET 1 OF 14 | |

| | |
|------------|---------|
| 106041 | 1200A |
| NEXT ASSY. | USED ON |

| REVISIONS | | | |
|-----------|-------------|------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| | | | |



| | | | | | | | |
|--|-------|---|-----------|-----------------------|--|---------------|--|
| TOLERANCES UNLESS
OTHERWISE SPECIFIED | | 
KEBEC
SYSTEMS INCORPORATED | | | | | |
| DEC .XX | .020 | | | | | | |
| DEC .XXX | .005 | | | | | | |
| ANGLES | 1° | | | | | | |
| APPROVALS | DATE | TITLE PERSONALITY MODULE
FLEXIBLE DISK DRIVE | | | | | |
| DRAWN S.V. | 12-76 | | | | | | |
| CHECKED | | SCALE
NONE | SIZE
C | DRAWING NO.
106090 | | REV.
B | |
| APP | | DO NOT SCALE DRAWING | | | | SHEET 2 OF 14 | |

8-C13-3 DATA IN-L

13-P21-7 SD PLO-L
14-C21-7 DD PLO-L

8-B2-15 PHASE CHANGE-H

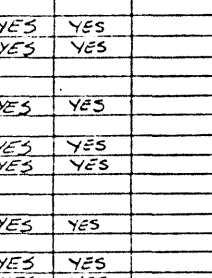
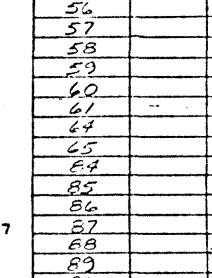
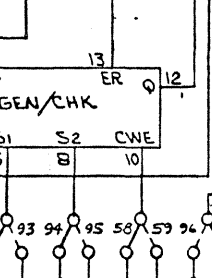
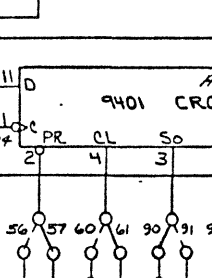
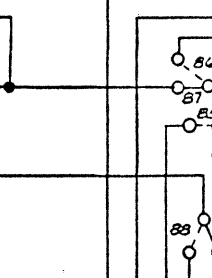
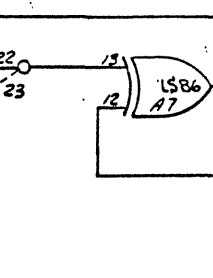
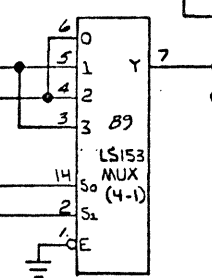
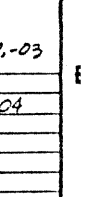
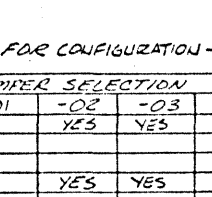
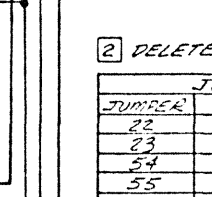
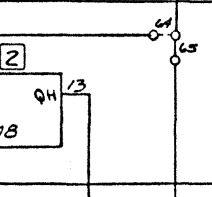
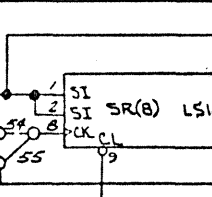
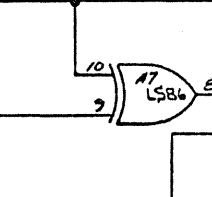
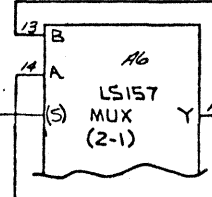
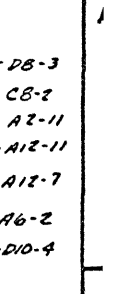
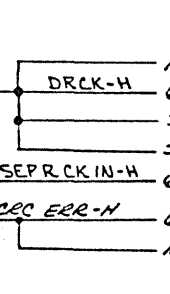
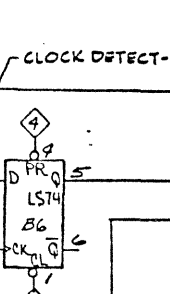
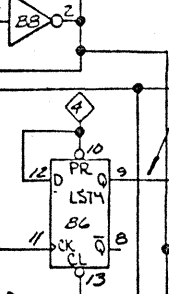
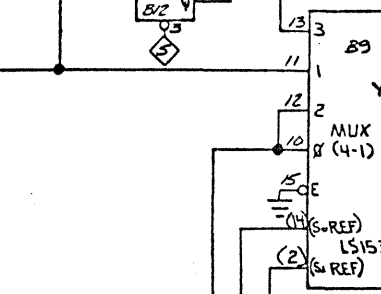
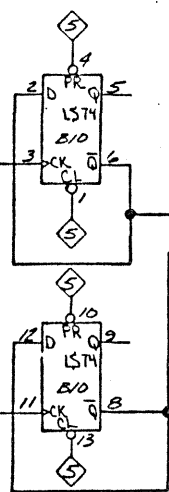
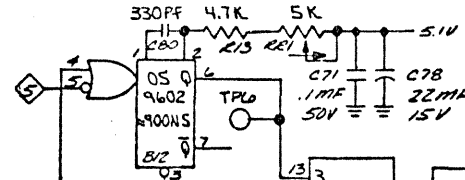
3-C11-10 WCK-H
8-B1-11 READ SELECT-H
8-B1-13 DD SELECT-H

(5-C10-1) (CRC OUTPUT-H)
REF

6-A2-12 CRC R DATA-H
6-A1-13 CRC W DATA-H

7-C5-7 ECBD 2-H
5-C10-4 CRC ENABLE-L
5-C10-3 CRC ENABLE-H
5-C10-2 CRC OUTPUT-L
2-B15-11 DSI CK-L

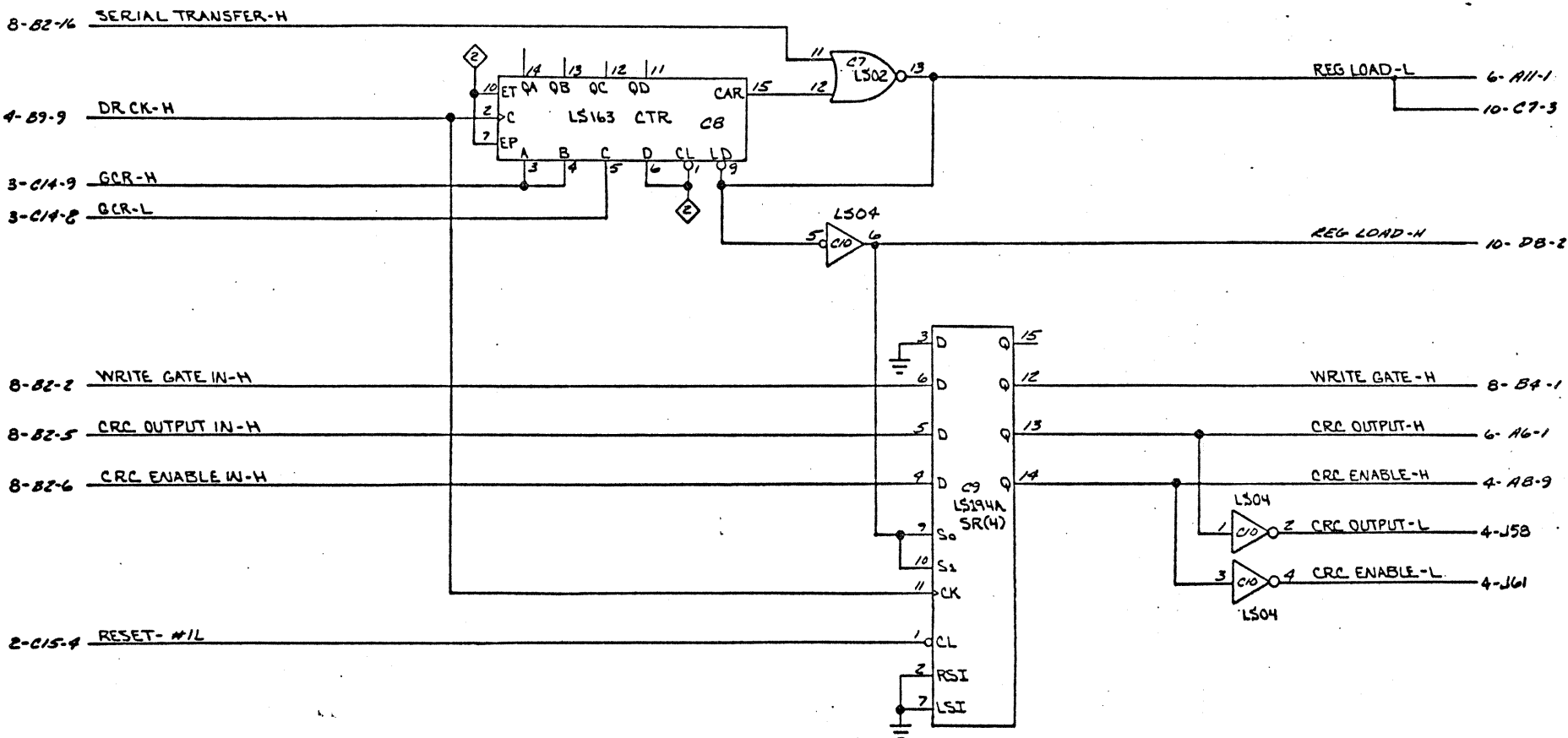
DD CLOCK WINDOW



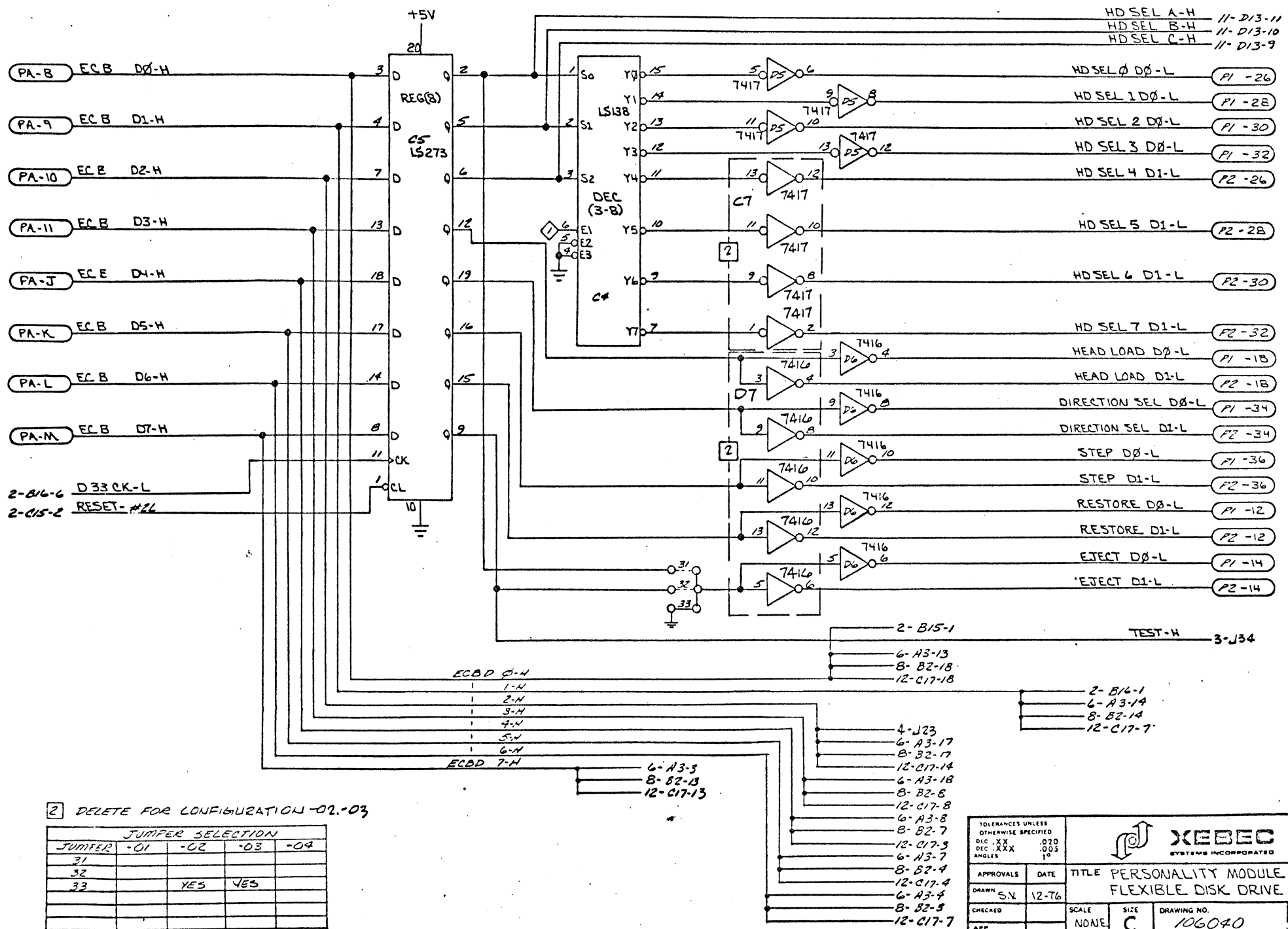
2 DELETE FOR CONFIGURATION -01, -03

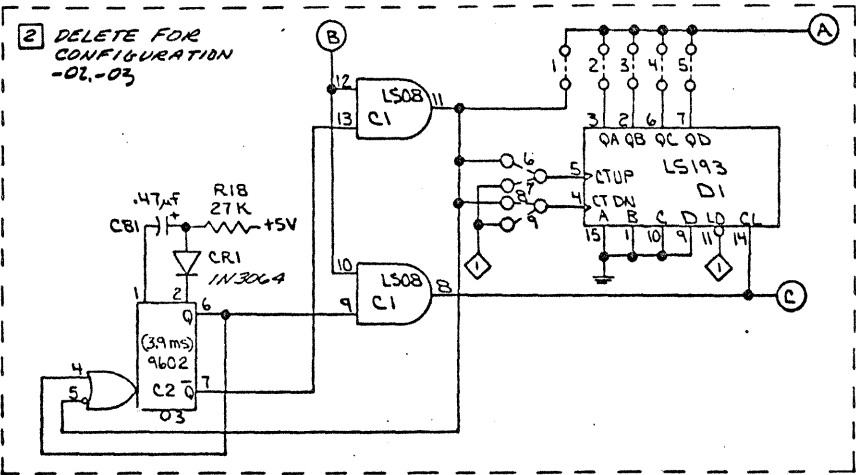
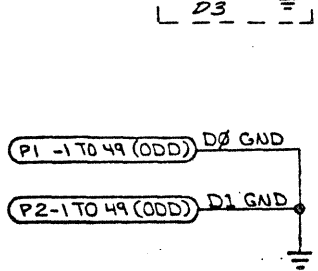
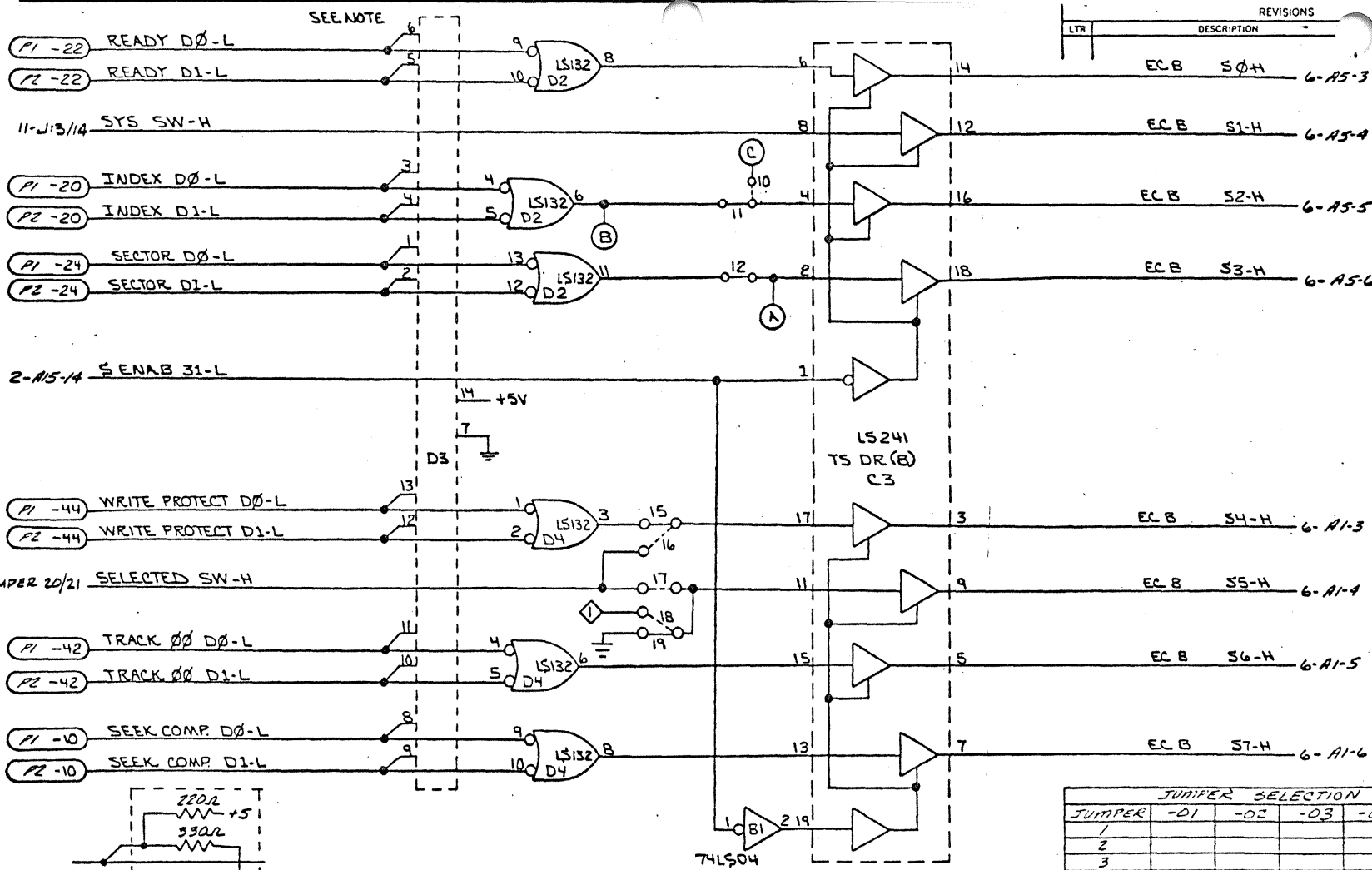
| JUMPER | -01 | -02 | -03 | -04 |
|--------|-----|-----|-----|-----|
| 22 | | YES | YES | |
| 23 | | | | |
| 24 | | | | |
| 54 | | YES | YES | |
| 56 | | | | |
| 57 | | YES | YES | |
| 58 | | YES | YES | |
| 59 | | | | |
| 60 | | | | |
| 61 | | YES | YES | |
| 64 | | | | |
| 65 | | YES | YES | |
| 66 | | YES | YES | |
| 85 | | | | |
| 86 | | | | |
| 87 | | YES | YES | |
| 88 | | | | |
| 89 | | YES | YES | |
| 90 | | YES | YES | |
| 91 | | | | |
| 92 | | YES | YES | |
| 93 | | | | |
| 94 | | YES | YES | |
| 95 | | | | |
| 96 | | | | |
| 97 | | YES | YES | |

| | | | |
|---|------------|--|------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC .XX .020
DEC .XXX .005
ANGLES 1° | | | |
| APPROVALS | DATE | TITLE PERSONALITY MODULE FLEXIBLE DISK DRIVE | |
| DRAWN | S.V. 12-76 | SCALE | SIZE |
| CHECKED | | NONE | C |
| APP | | DRAWING NO. | REV. |
| | | 106040 | B |
| DO NOT SCALE DRAWING | | SHEET 4 OF 14 | |



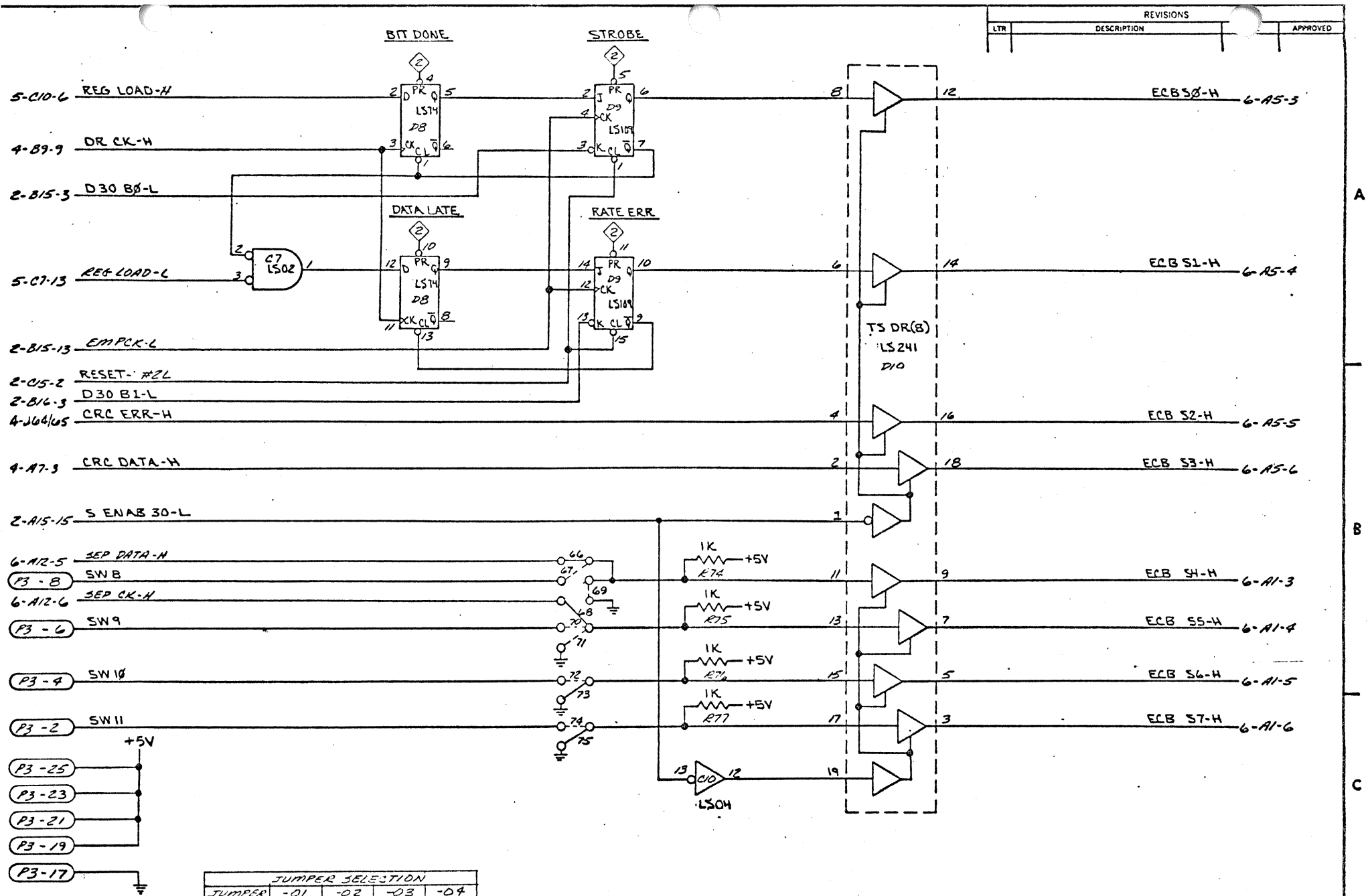
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|---------------------------------------|-------|--|------|-------------|------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | | |
| DEC. XX | .020 | | | | |
| DEC. XXX | .005 | | | | |
| ANGLES | 1° | | | | |
| APPROVALS | DATE | TITLE PERSONALITY MODULE FLEXIBLE DISK DRIVE | | | |
| DRAWN S.V. | 12-76 | | | | |
| CHECKED | | SCALE | SIZE | DRAWING NO. | REV. |
| APP | | NONE | C | 106090 | B |
| | | DO NOT SCALE DRAWING SHEET 5 OF 14 | | | |





| JUMPER SELECTION | | | | |
|------------------|-----|-----|-----|-----|
| JUMPER | -01 | -02 | -03 | -04 |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | YES | YES | |
| 12 | | YES | YES | |
| 15 | | YES | YES | |
| 16 | | | | |
| 17 | | | | |
| 18 | | | YES | |
| 19 | | YES | | |

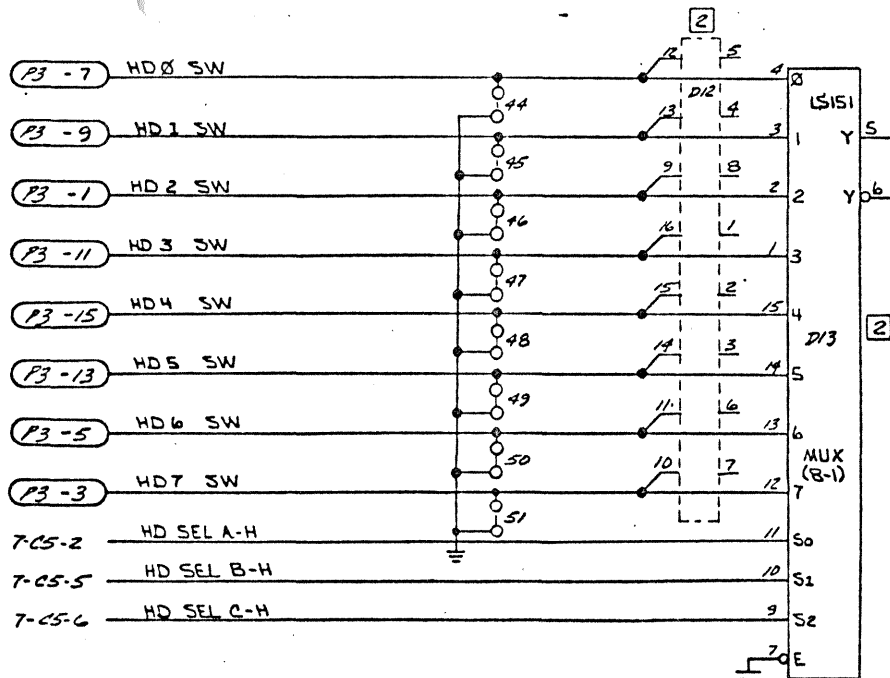
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|--|------|--|--------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC. XX .020
DEC. XXX .005
ANGLES 15° | | | |
| APPROVALS | DATE | | |
| DRAWN SV 12-76 | | TITLE PERSONALITY MODULE FLEXIBLE DISK DRIVE | |
| CHECKED | DATE | SCALE NONE | SIZE C |
| APP | | DRAWING NO. 106040 | REV. B |
| | | DO NOT SCALE DRAWING SHEET 9 OF 14 | |



| JUMPER SELECTION | | | | |
|------------------|-----|-----|-----|-----|
| JUMPER | -01 | -02 | -03 | -04 |
| 66 | | YES | YES | |
| 67 | | | | |
| 68 | | YES | YES | |
| 69 | | | | |
| 70 | | | | |
| 71 | | | | |
| 72 | | | | |
| 73 | | YES | YES | |
| 74 | | | | |
| 75 | | YES | YES | |

| | | | |
|---|---------------|-----------|-----------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC .XX .020
DEC .XXX .005
ANGLES 1° | | | |
| APPROVALS | DATE | | |
| DRAWN
S.V. 12-76 | SCALE
NONE | SIZE
C | DRAWING NO.
106090 |
| CHECKED | APP | REV.
B | SHEET 10 OF 14 |

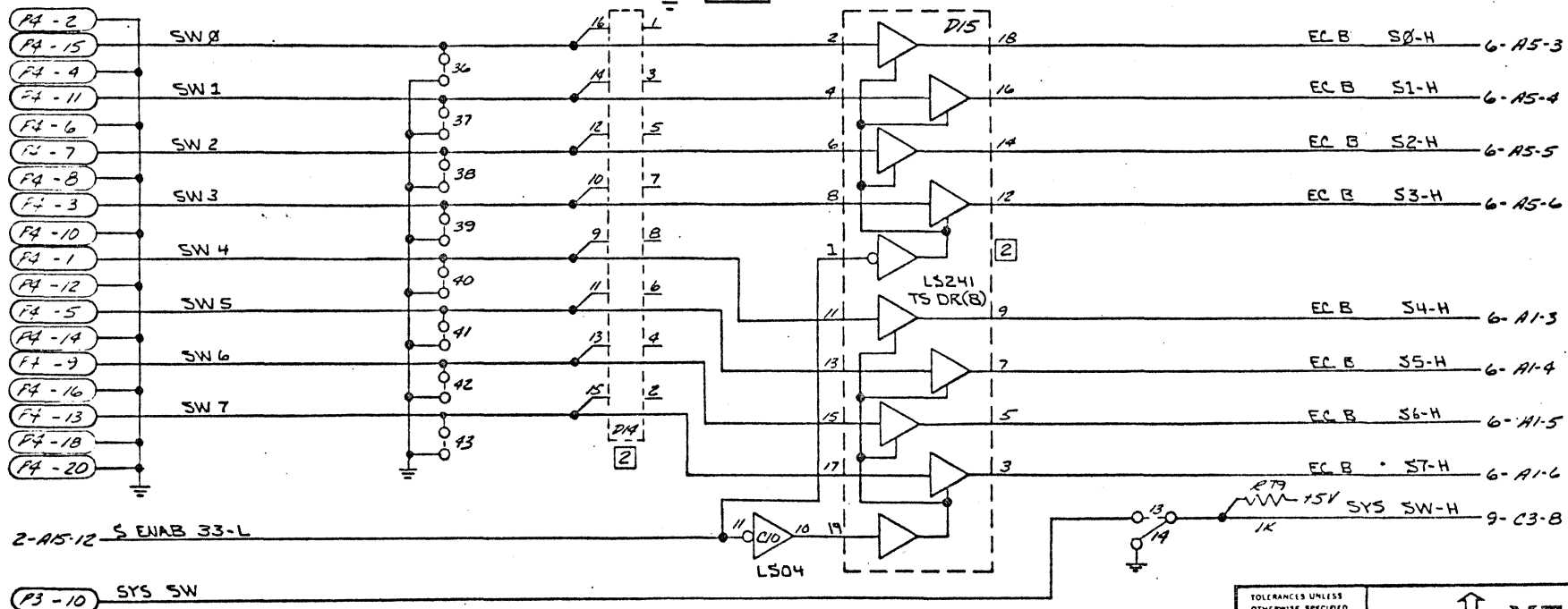
| REVISIONS | | |
|-----------|-------------|----------|
| LTR | DESCRIPTION | APPROVED |
| | | |



SELECTED SW-H 9-JUMPER 16/17

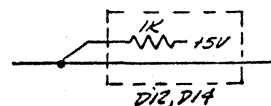
[2] DELETE FOR CONFIGURATION -02, -03

| JUMPER SELECTION | | | | |
|------------------|-----|-----|-----|-----|
| JUMPER | -01 | -02 | -03 | -04 |
| 13 | | | | |
| 14 | | | | |
| 20 | | YES | YES | |
| 21 | | | | |
| 36 | | | | |
| 37 | | | | |
| 38 | | | | |
| 39 | | | | |
| 40 | | | | |
| 41 | | | | |
| 42 | | | | |
| 43 | | | | |
| 44 | | | | |
| 45 | | | | |
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| 47 | | | | |
| 48 | | | | |
| 49 | | | | |
| 50 | | | | |
| 51 | | | | |

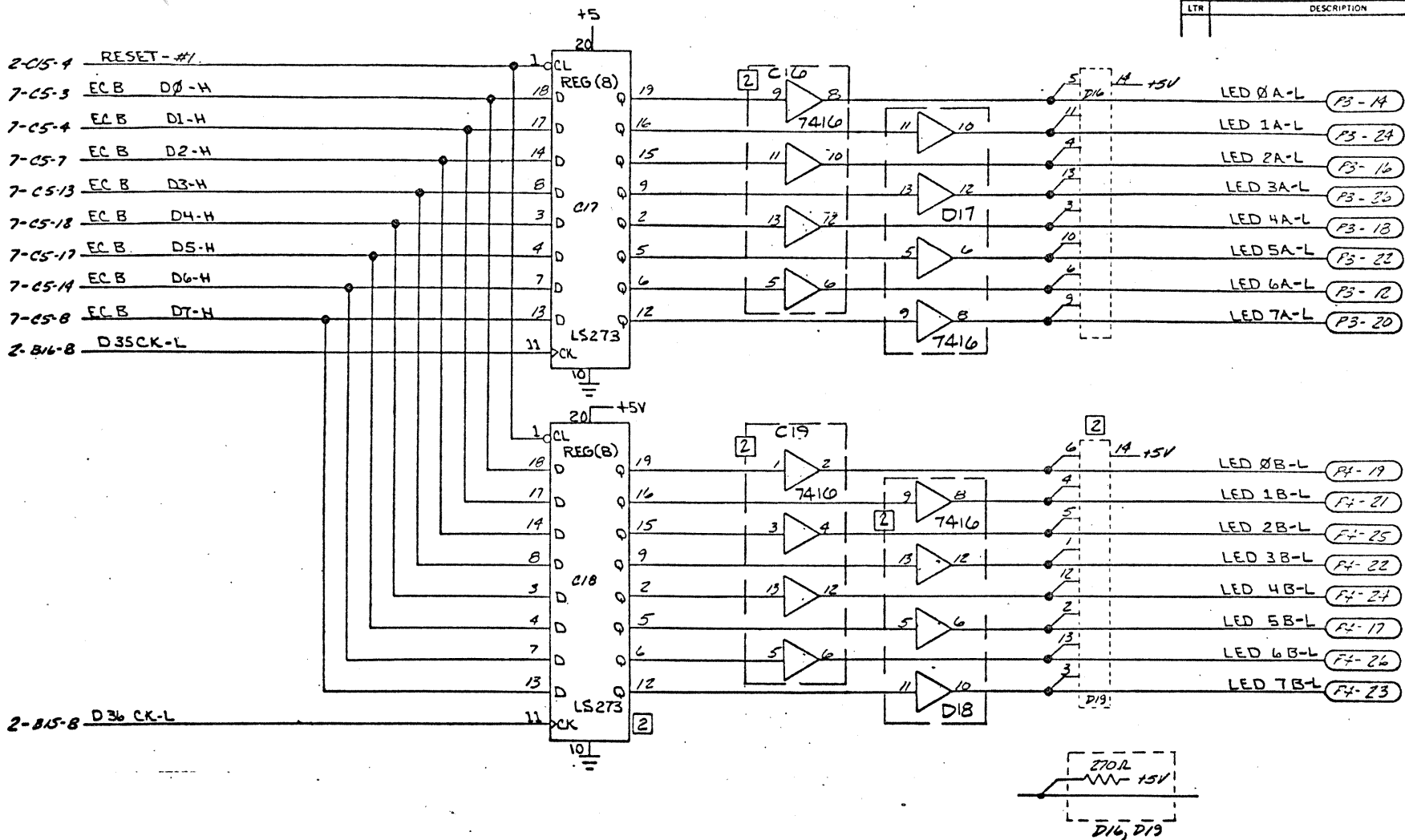


2-A15-12 S ENAB 33-L

P3-10 SYS SW



| | | | |
|---|-------|---|--------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC .XX .020
DEC .XXX .005
ANGLES 1° | | XEBEC
SYSTEMS INCORPORATED | |
| APPROVALS | DATE | TITLE PERSONALITY MODULE
FLEXIBLE DISK DRIVE | |
| DRAWN S.V. | 12-76 | SCALE NONE | SIZE C |
| CHECKED | | DRAWING NO. 106040 | REV. B |
| APP | | DO NOT SCALE DRAWING SHEET 11 OF 14 | |

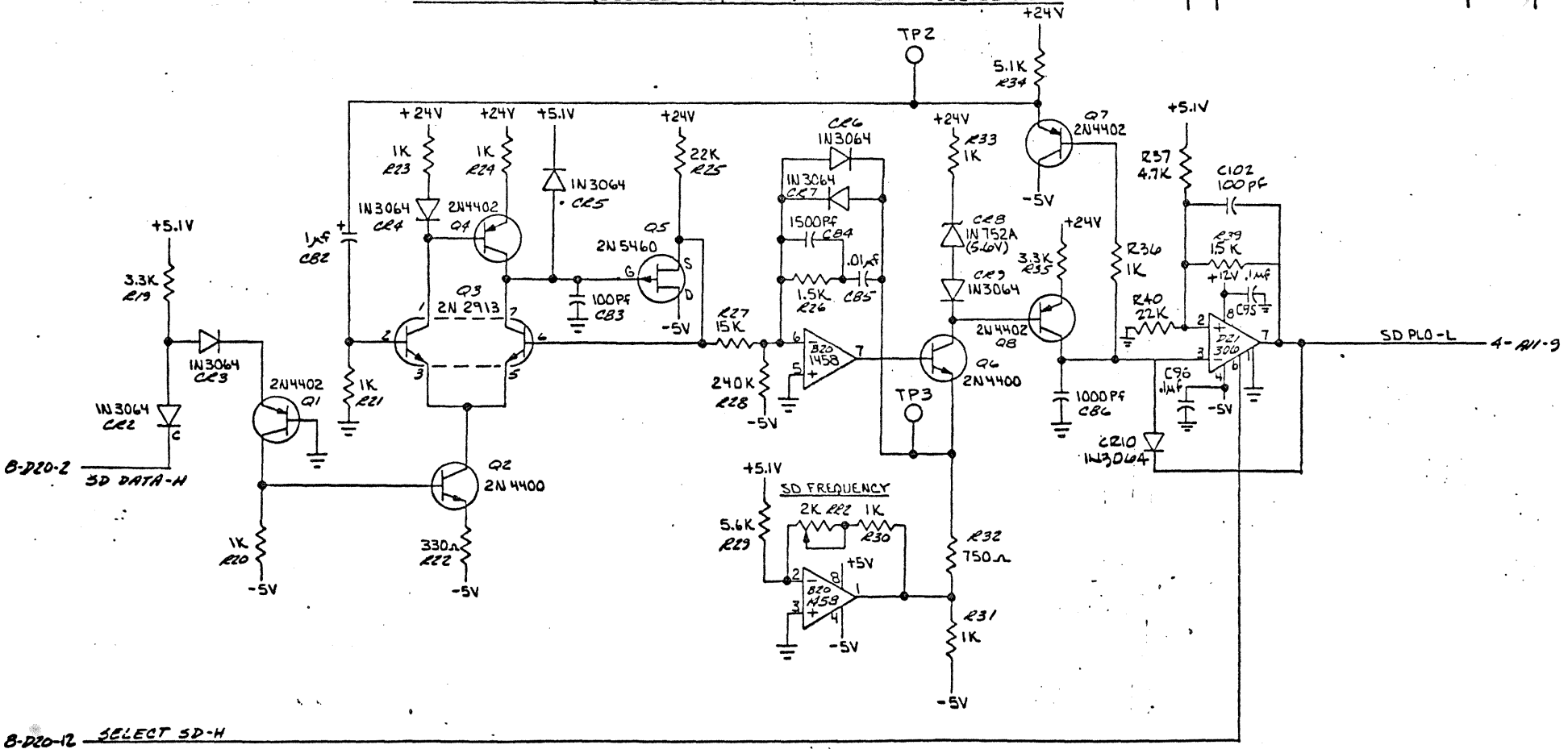


2 DELETE FOR CONFIGURATION -02,-03

| | | | | | |
|---------------------------------------|-------|--|-------------|------|--|
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | XEBEC SYSTEMS INCORPORATED | | | |
| DEC. .XX | .020 | TITLE PERSONALITY MODULE FLEXIBLE DISK DRIVE | | | |
| DEC. .XXX | .005 | | | | |
| ANGLES | 1° | DRAWN S.V. 12-76 | | | |
| APPROVALS | DATE | | | | |
| CHECKED | SCALE | SIZE | DRAWING NO. | REV. | |
| APP | NONE | C | 106040 | B | |
| DO NOT SCALE DRAWING | | SHEET 12 OF 14 | | | |

SINGLE DENSITY (DOUBLE FREQUENCY) PHASE LOCK OSCILLATOR

| REVISIONS | | APPROVED |
|-----------|-------------|----------|
| LTR | DESCRIPTION | |

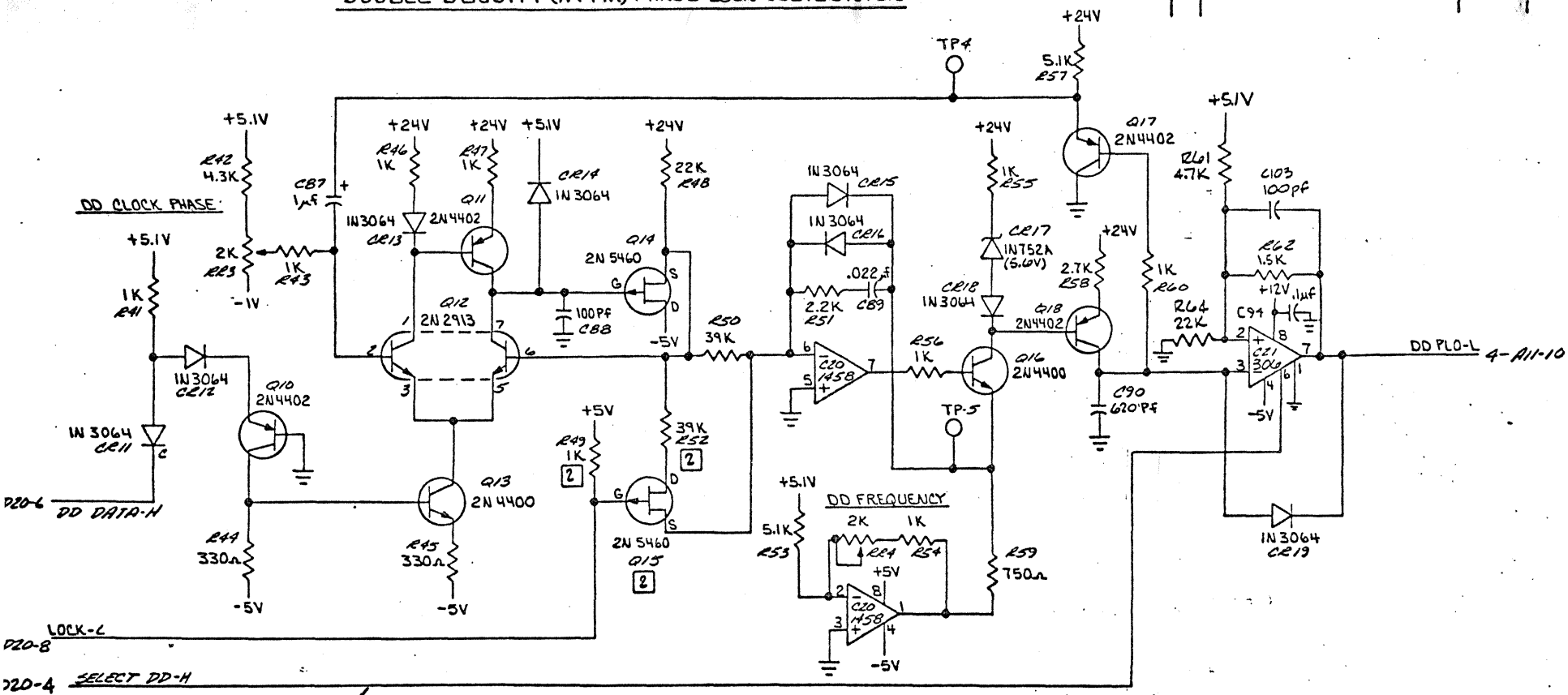


2 DELETE THIS SHEET FOR CONFIGURATION -02,-03

| | | | |
|---|-------|---|------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC. XX .070
DEC. XXX .005
ANGLES 1° | | XEBEC
SYSTEMS INCORPORATED | |
| APPROVALS | DATE | TITLE PERSONALITY MODULE
FLEXIBLE DISK DRIVE | |
| DRAWN S.N. | 12-76 | SCALE | SIZE |
| CHECKED | | NONE | C |
| APP | | DRAWING NO. | REV. |
| | | 106040 | B |
| DO NOT SCALE DRAWING | | SHEET 13 OF 14 | |

DOUBLE DENSITY (M²FM) PHASE LOCK OSCILLATOR

| REVISIONS | | | |
|-----------|-------------|------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| | | | |



[2] DELETE FOR CONFIGURATION -02, -03

| | | | |
|---|-------|---|------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC .XX .020
DEC .XXX .005
ANGLES 1° | | | |
| APPROVALS | DATE | TITLE PERSONALITY MODULE
FLEXIBLE DISK DRIVE | |
| DRAWN S.V. | 12-76 | SCALE | SIZE |
| CHECKED | | NONE | C |
| APP | | DRAWING NO. | REV. |
| | | 106040 | B |
| DO NOT SCALE DRAWING | | SHEET 14 OF 14 | |