

DOC PKG - 7100-30 CTLR
P/N 1603019-101 REV A

REVISION			
LTR	DESCRIPTION	DATE	APPROVED
A	PRODUCTION REL PER ECO 2542	DWB 3/9/89	<i>[Signature]</i>

MAR 15 1990

NOTICE

CSA RADIO INTERFERENCE REGULATION

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communciations.

CSA LE BROUILLAGE RADIOÉLECTRIQUE ÉDICTÉ

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe A prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

DOCUMENT RELEASE	DATE	CONFIDENTIAL DOCUMENT REPRODUCTION AND/OR DISCLOSURE OF THE INFORMATION CONTAINED HEREIN IS STRICTLY PROHIBITED WITHOUT PRIOR WRITTEN AUTHORIZATION BY AMPERIF CORP.	
ENGINEERING			
DRAFTSMAN D. BUCKLAND	2/28/89		
CHECKER			
OTHER		NOTICE, CSA RADIO INTERFERENCE REGULATION	
APPROVED <i>[Signature]</i>	3/9/89	SIZE A	DRAWING NO. 1602587
		SHEET 1 OF 1	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A	1	REL PER ECO 2205		

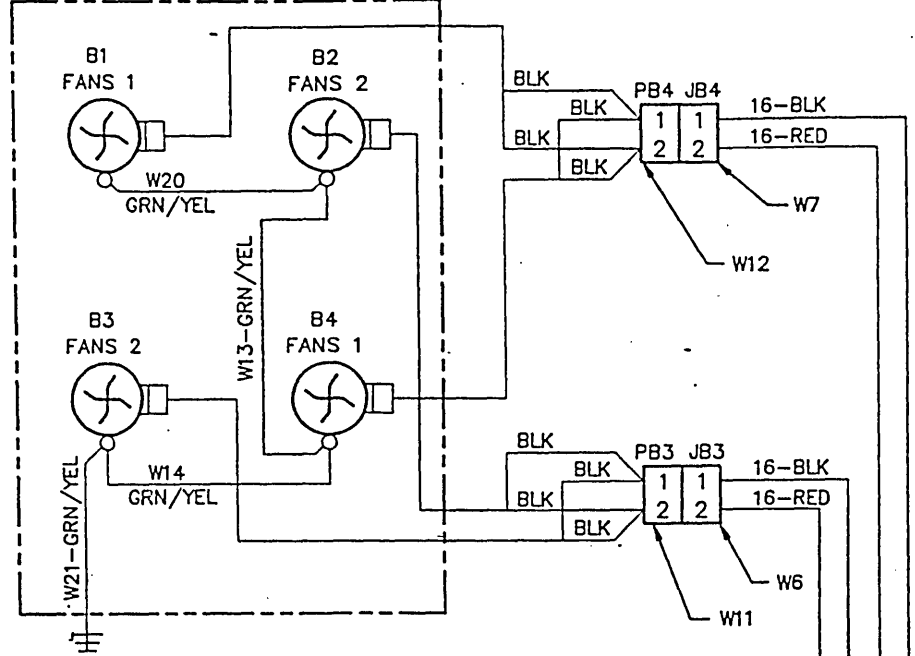
CONTROLLER CARD CAGE																								
SIDE A												SIDE B												
ITEM NO.	1	2	3	4	5	6	7	X	8	9	X	X	9	8	X	6	7	5	4	3	2	1		
PCBA	D I F E	M P C P	M D B P	X M C I P	X M C I P	X M C I P	P R O M B P	X	A I B	S	X	S B												

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL WIRES ARE 14 AWG.

REVISIONS		DATE	APPROVED
ZONE	REV		
A		PROD REL PER ECO 2205	3-1-90

TOP SECTION ASSY

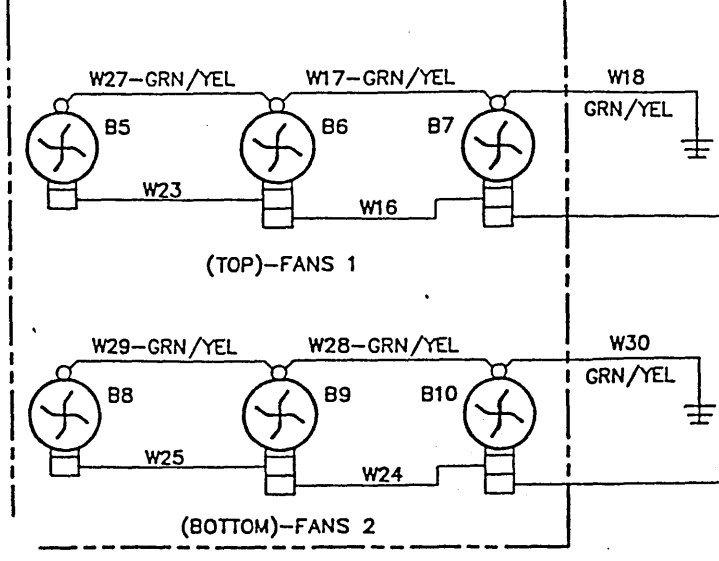


P1

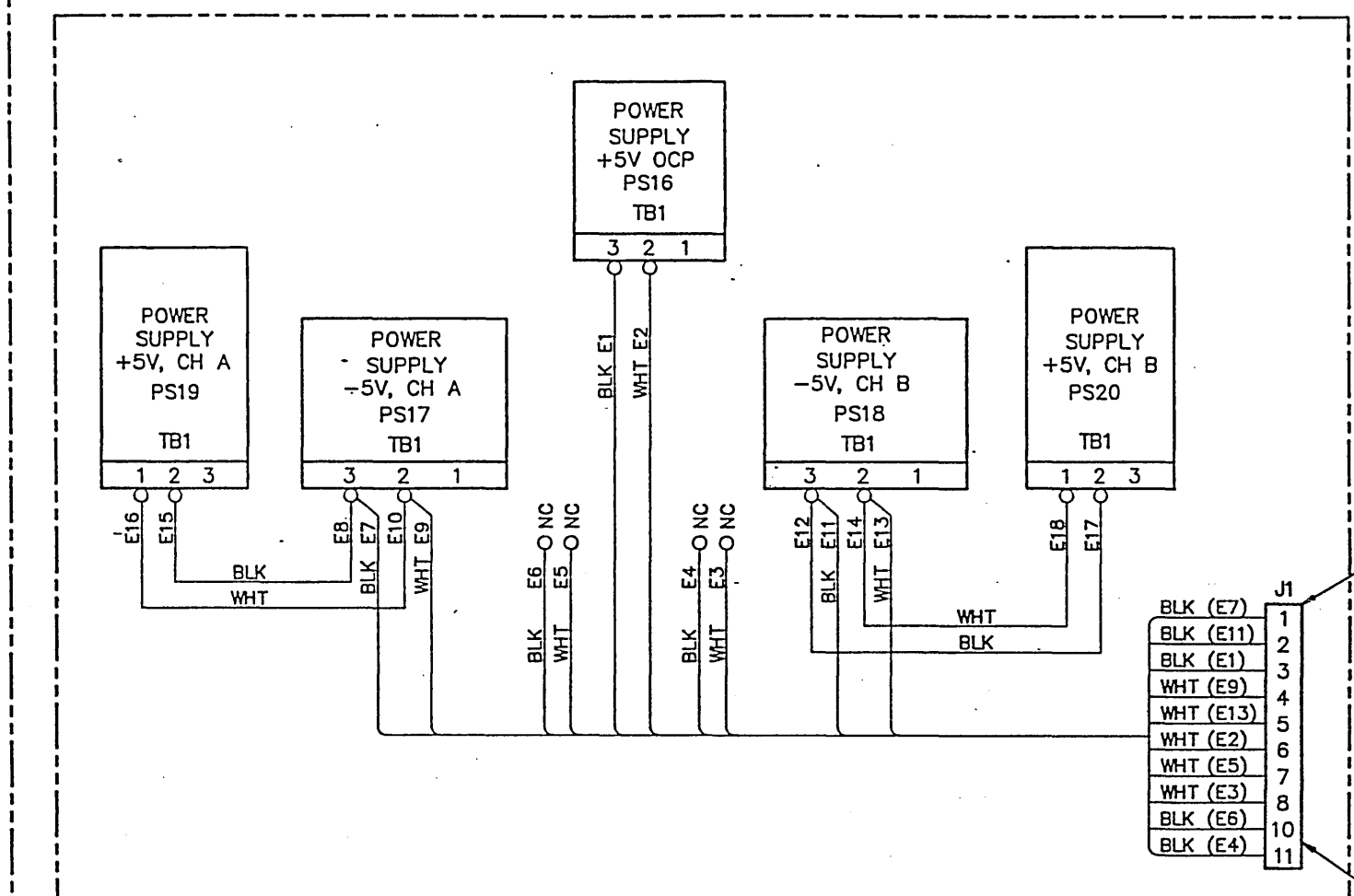
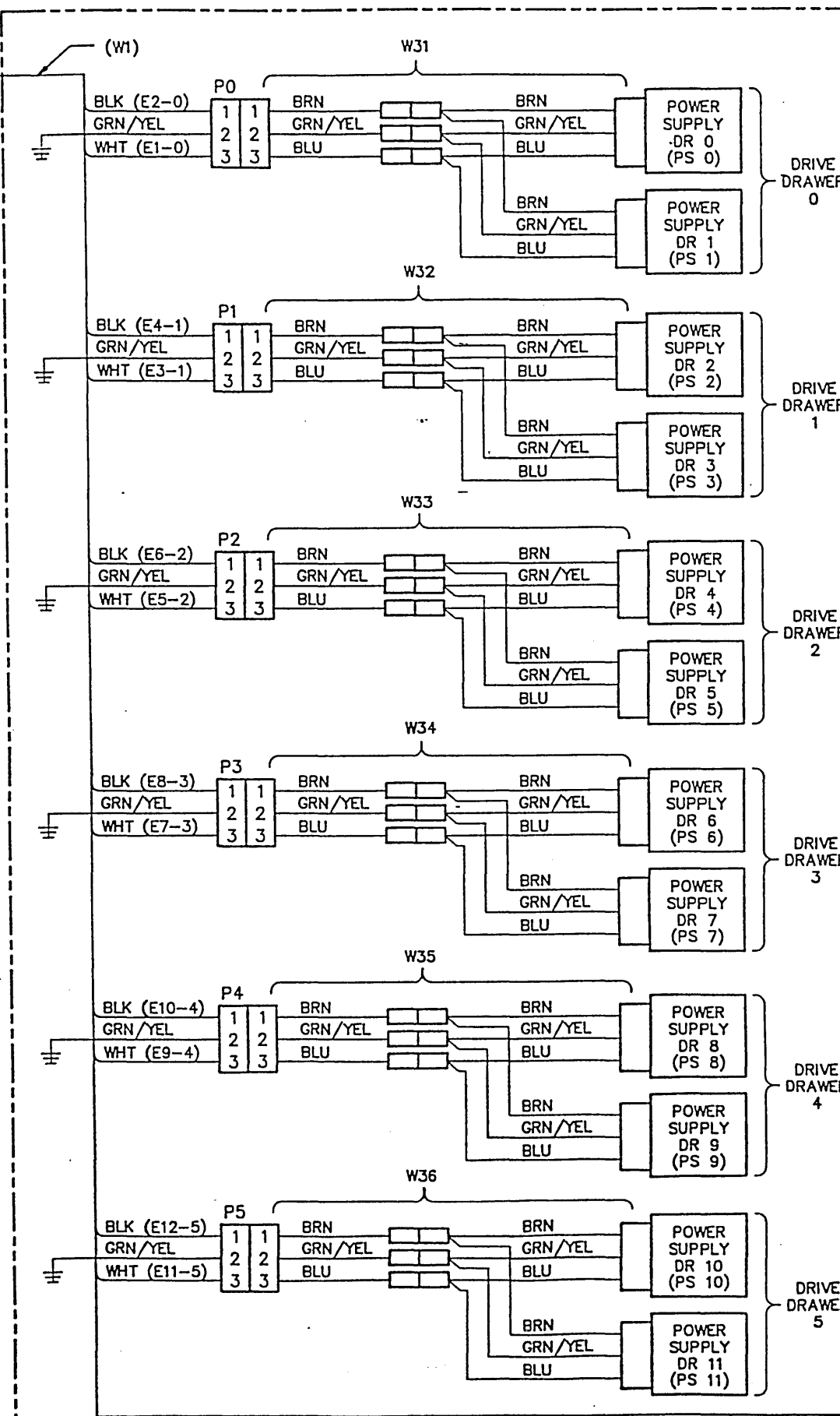
1	BLK (E5)
2	BLK (E7)
3	BLK (E9)
4	WHT (E6)
5	WHT (E8)
6	WHT (E10)
7	WHT (E1)
8	WHT (E3)
10	BLK (E2)
11	BLK (E4)

MATES WITH W19-J1
SEE SHEET TWO

CONTROLLER CARD CAGE

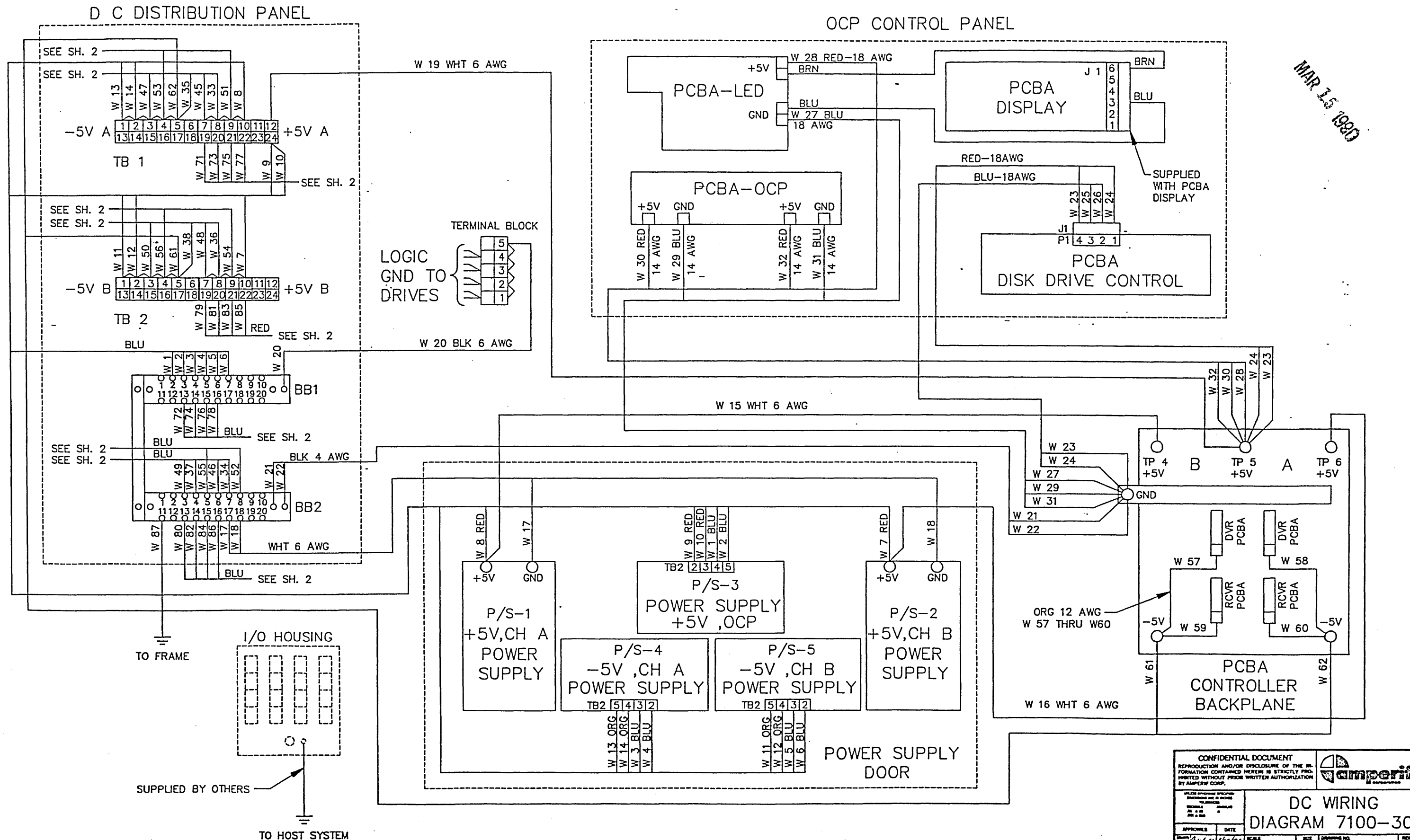


FROM
SHEET 1



NOTES: UNLESS OTHERWISE SPECIFIED

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
A	PROD. REL. ECO 3205		8-7-90

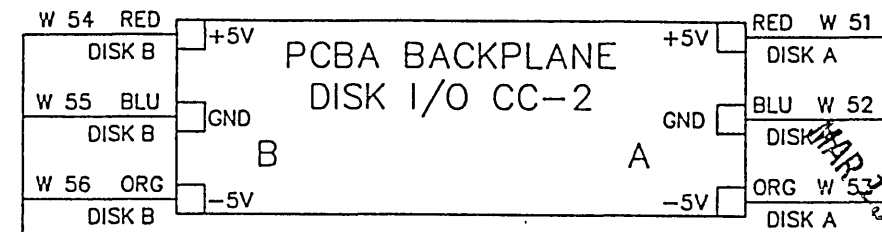
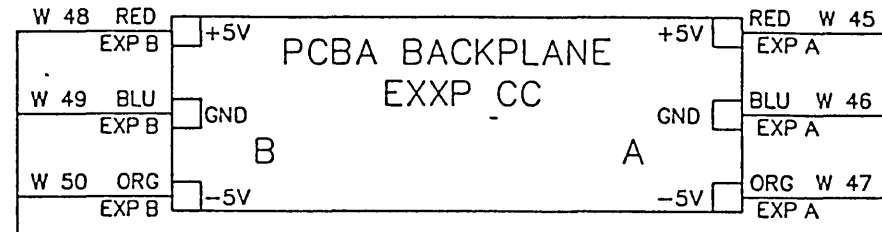
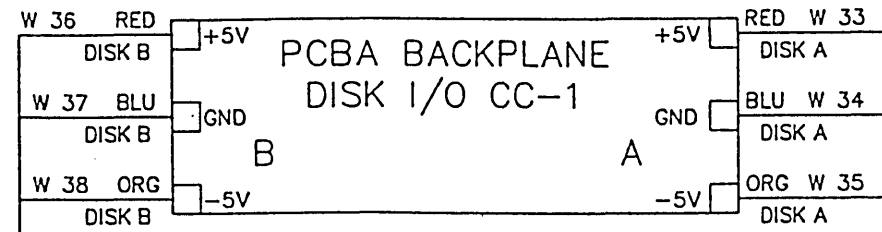


NOTES: UNLESS OTHERWISE SPECIFIED

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
		SEE SHEET 1	

N/C DSIO B(+5V) RED W 39
N/C DSIO B(GND) BLU W 40
N/C DSIO B(-5V) ORG W 41

W 42 RED DSIO A(+5V) ON/C
W 43 BLU DSIO A(GND) ON/C
W 44 ORG DSIO A(-5V) ON/C

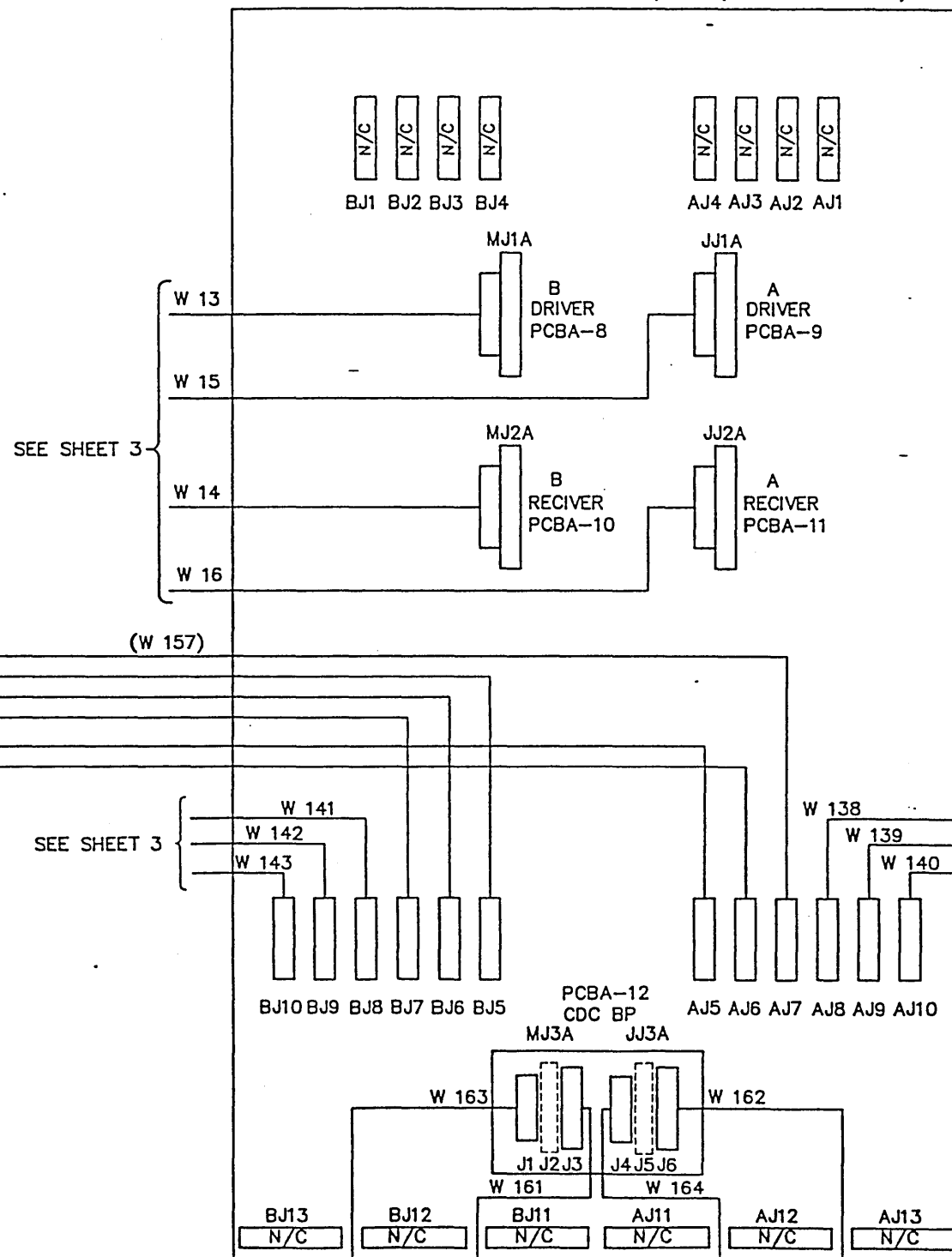
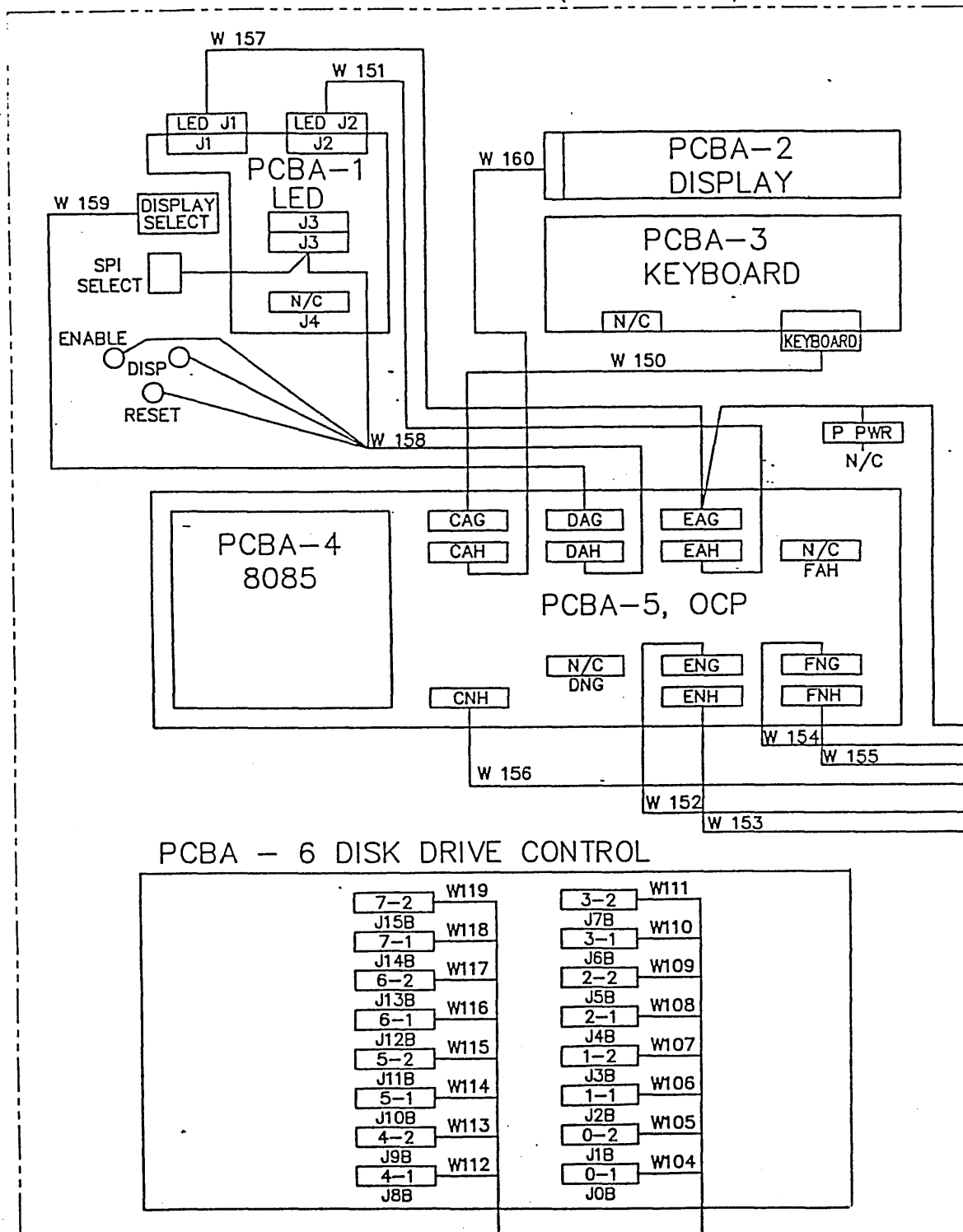


D C DISTRIBUTION PANEL

OCP PANEL ASSY. (REAR VIEW)

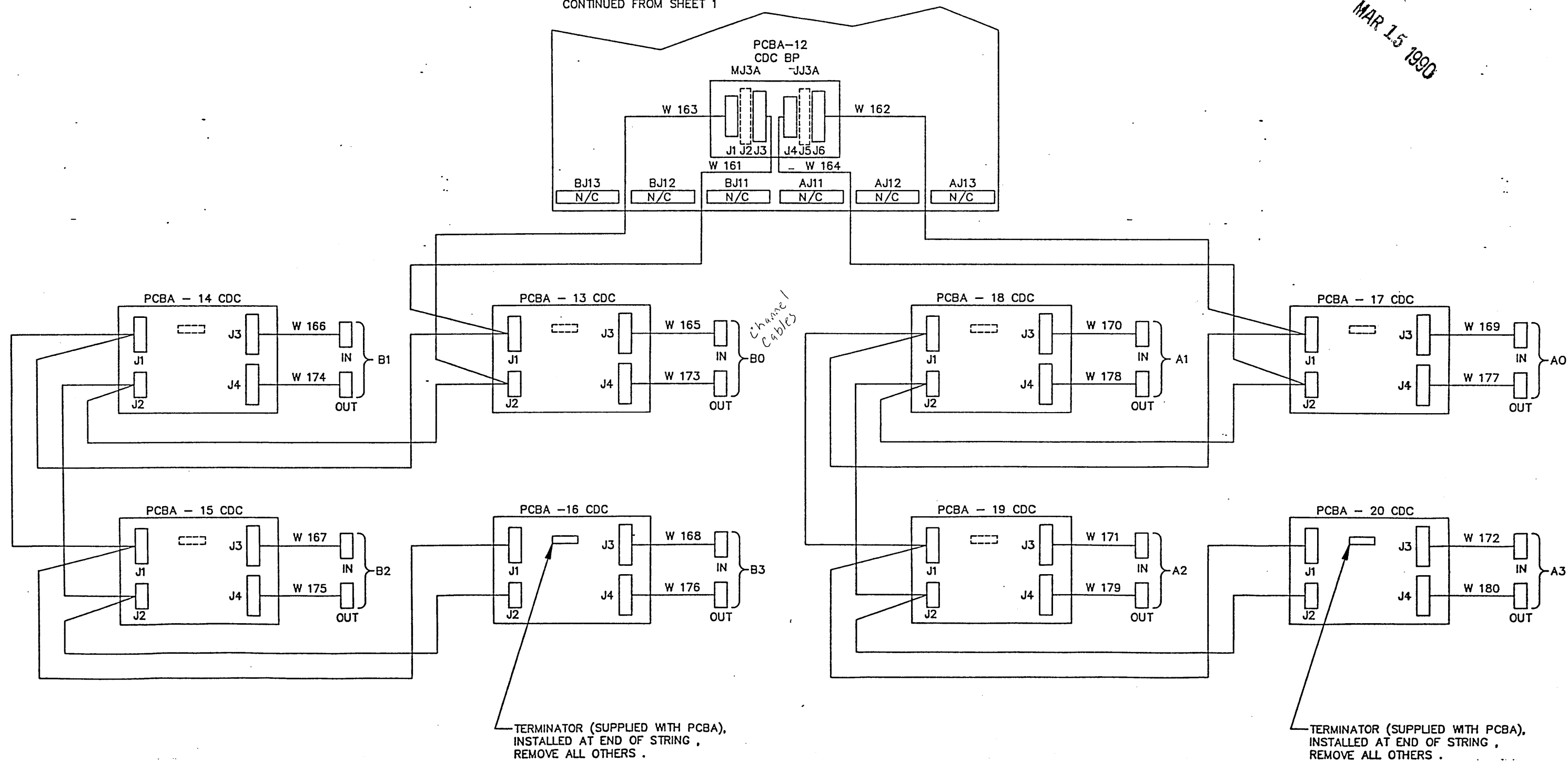
PCBA-7 CONTROLLER B/P (REAR VIEW)

MAR 15 1990



PCBA - 6 DISK DRIVE CONTROL

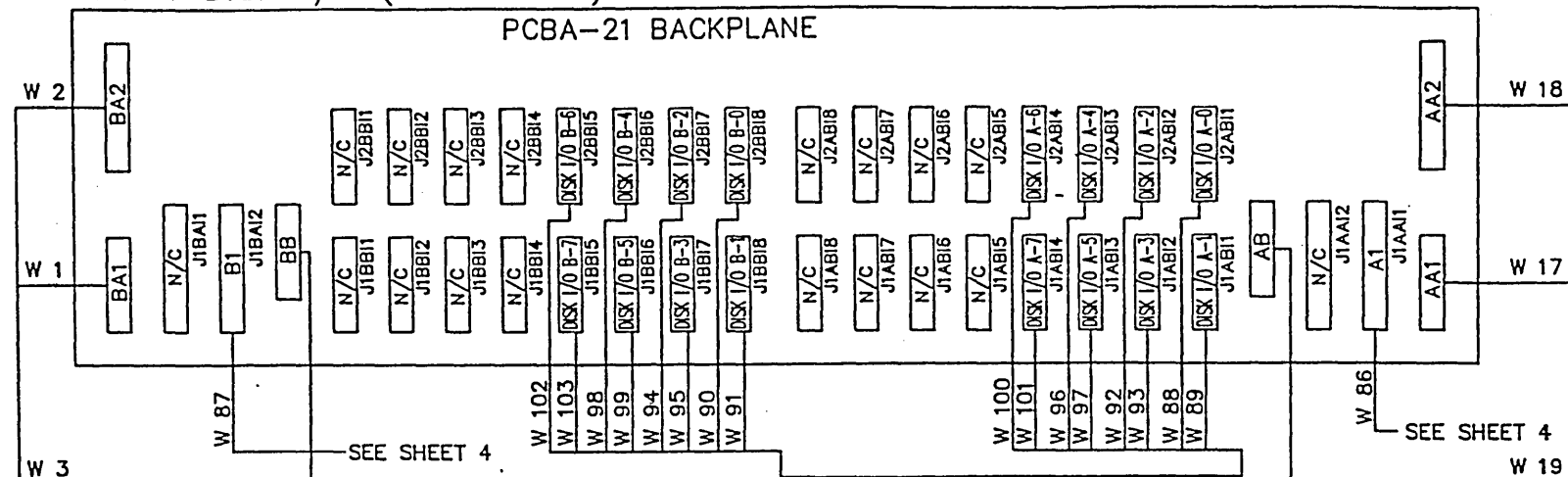
CONFIDENTIAL DOCUMENT		amperif	
REPRODUCTION AND/OR DISCLOSURE OF THE INFORMATION CONTAINED HEREIN IS STRICTLY PROHIBITED WITHOUT PRIOR WRITTEN AUTHORIZATION BY AMPERIF CORP.			
APPROVALS	DATE	SCALE	SIZE
1/25/90	1/25/90		D
SYSTEM/CABLE DIAGRAM 7100-30		DRAWING NO. D 1603023 A	
DO NOT SCALE DRAWING		SHEET 1 OF 6	

PCBA-7 CONTROLLER B/P
CONTINUED FROM SHEET 1

SEE SHEET 1

CC-1 DISK I/O (REAR VIEW)

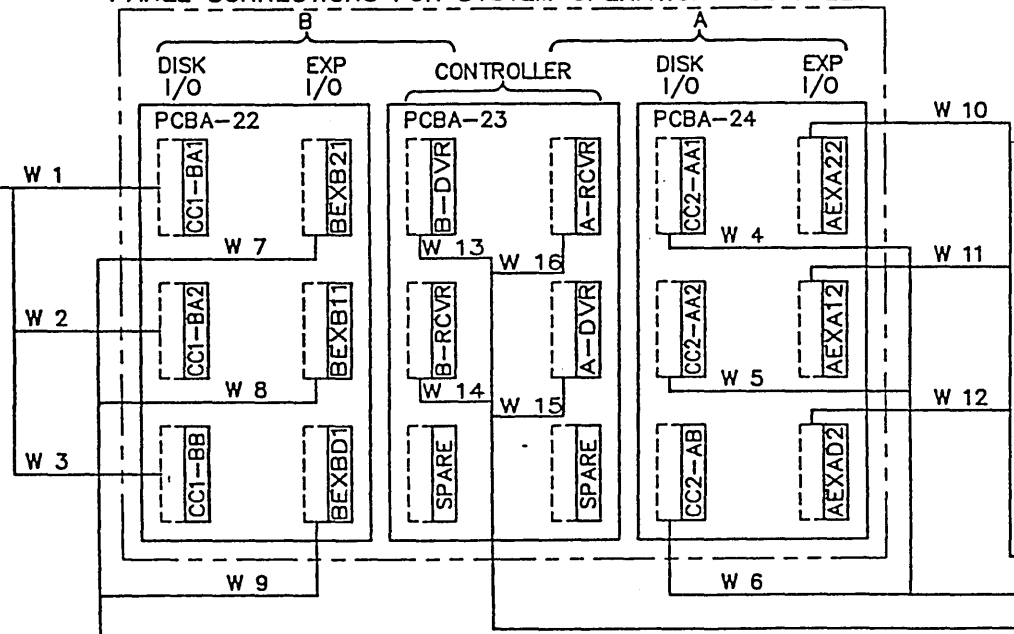
PCBA-21 BACKPLANE



SEE SHEET 4

SEE SHEET 4

WALL CONNECTOR PANEL (FRONT) PANEL CONNECTIONS FOR SYSTEM OPERATION-SEE SHEET 6



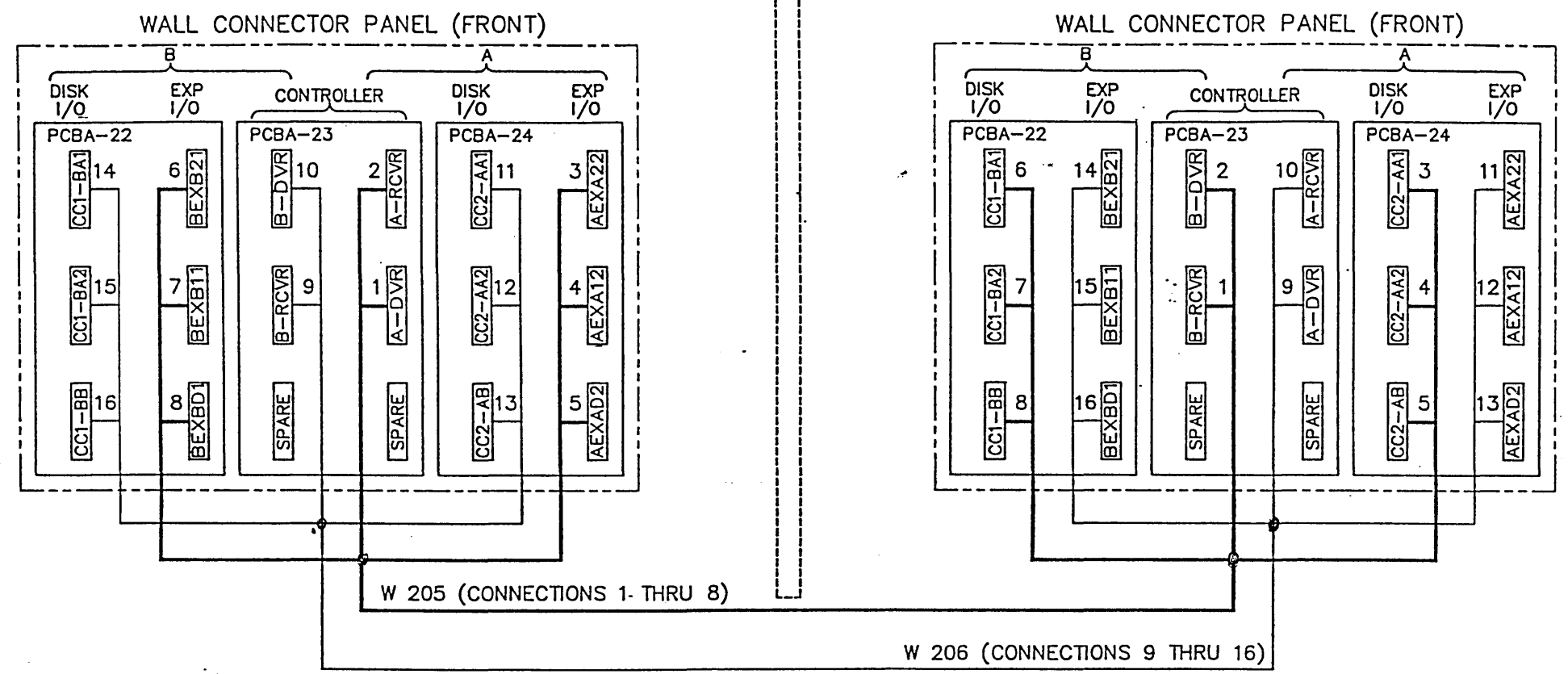
SEE SHEET 4

MAR 15 1990

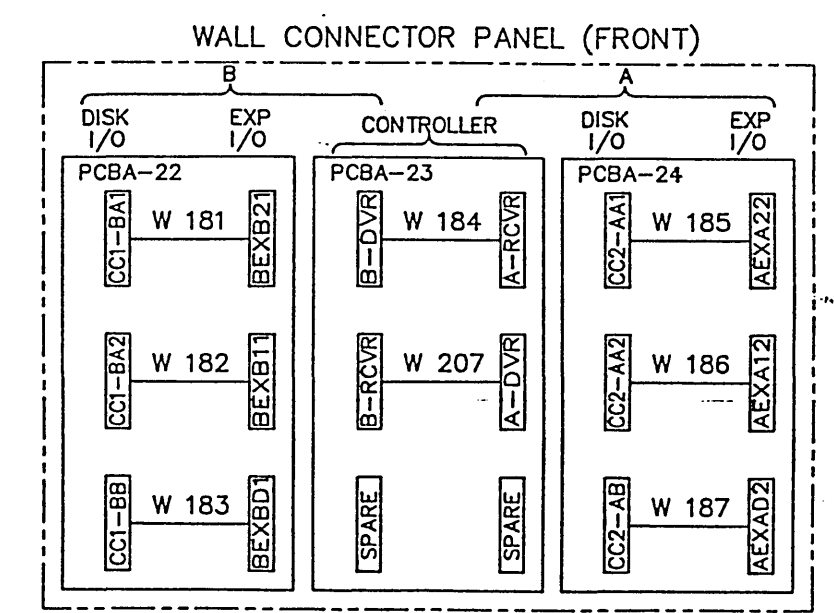
WALL

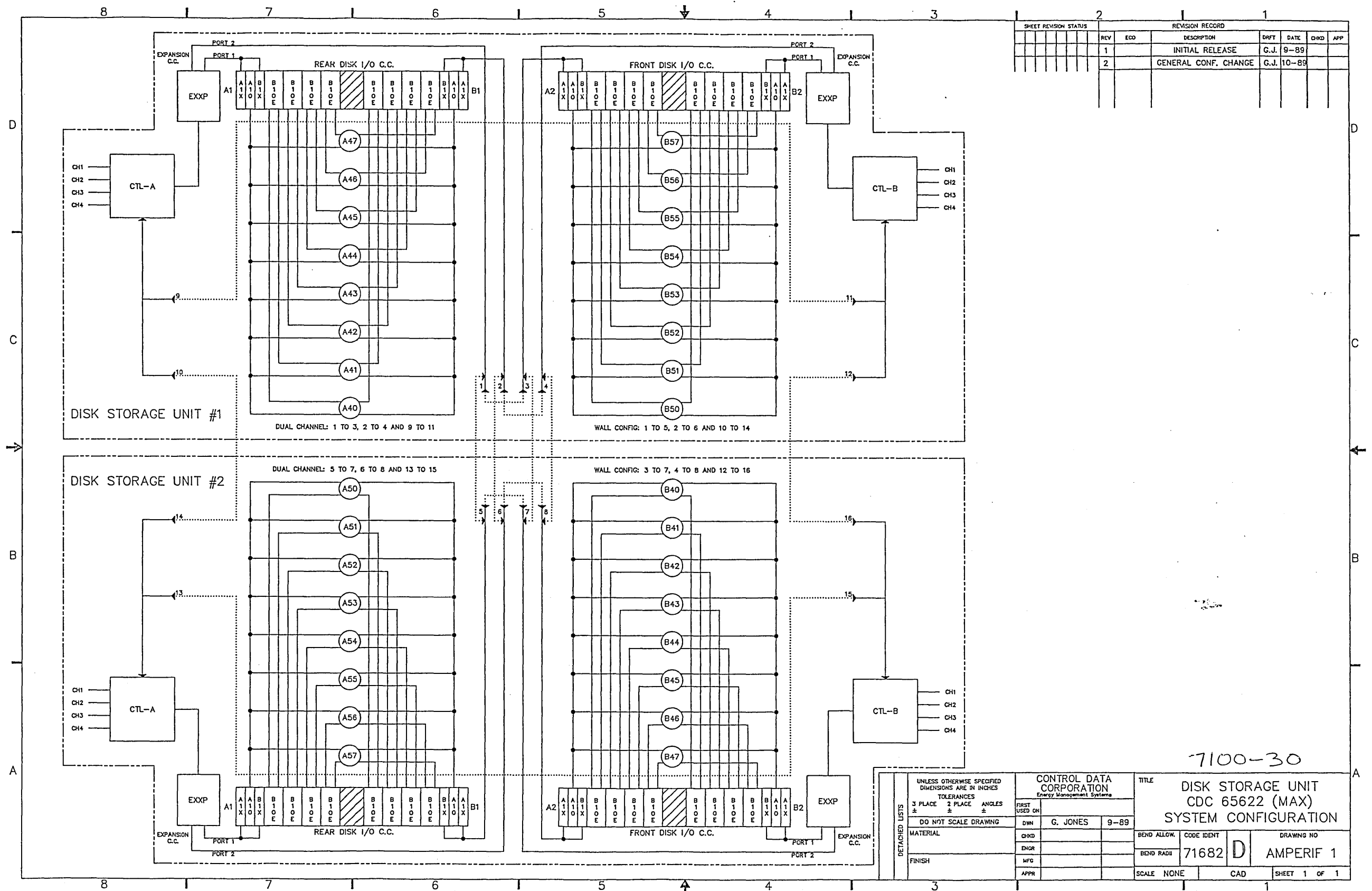
UNIT 1

UNIT 2



PANEL CONNECTIONS FOR
DUAL UNIT, WALL OPERATION



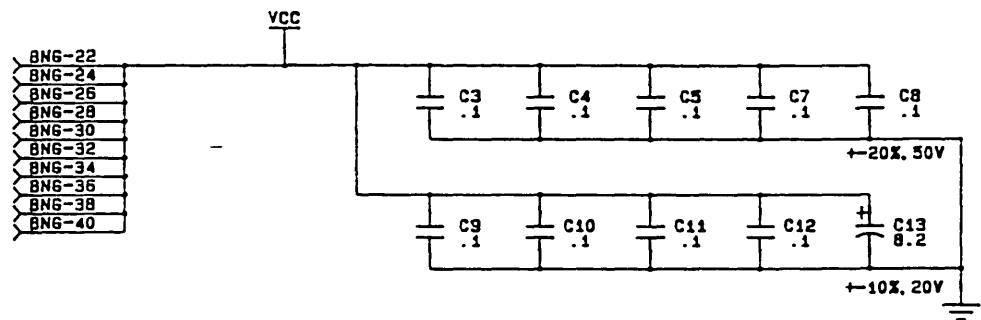


<u>TITLE:</u>	<u>PART#</u>	<u>REV:</u>	<u>ECO REQ'D:</u>
8085 CPU BOARD	1106012	E	
AIO BOARD	1106095	A	
AIX BOARD	1601138-103	B	
BIOE BOARD	1601527-101	B	
BIXE BOARD	1601715	C	
CDC BOARD	21002200	E	
COCF BOARD	1106059-202	D	
DISK CONTROL PANNEL	1601916-302	BX	
LED CHALLENGER I	11060104	A	
DIFE BOARD	1601716-502	A	2440
EXXP BOARD	1601909	CX	
EXPANSION BKPLN,3 MB	1601908-101	AX	
UBI INTERFACE BOARD	21002000	B	
MDBP BOARD	1120014-202	F	2527
MPCP BOARD	1120016-302	B	2543
SLBP 3 MB 9200 BKPLN	1602209-101	A	2563
HSP-STATUS BUFFER BOARD	21002100	B	
XM16KP BOARD	1601494-202	A	
XM16KP-D DAUGHTER BOARD	1601495-701	A	1760,1801
XMC 202 BOARD	1601962-202Q	B	2604
XMCIP BOARD	1120010-402	A	

<u>TITLE:</u>	<u>PART #:</u>	<u>REV:</u>	<u>ECO REQ'D:</u>
8085 CPU BOARD	1106012	E	
AIO BOARD	1106095	A	
AIX BOARD	1601138-103	B	
BIOE BOARD	1601527-101	B	
BIXE BOARD	1601715	C	
CDC BOARD	21002200	E	
COCB BOARD DISK CONTROL PANNEL LED CHALLENGER I DIFE BOARD	1106059-202 1601916-302 1106 0104- 1601716-502	D BX A A	2440
DISK I/O BKPLN, 3 MB	1602208-101	A	
EXPANSION BKPLN, 3 MB	1601908-101	AX	
EXXP BOARD	1601909	CX	
UBI INTERFACE BOARD	21002000	B	
MDBP BOARD	1120014-202	F	2527
MPCP BOARD	1120016-302	B	2543
SLBP 3 MB 9200 BKPLN	1602209-101	A	2563
HSP- STATUS BUFFER BOARD	21002100	B	
XM16KP BOARD	1601494-202	A	
XM16KP-D DAUGHTER BOARD	1601495-701	A	1760, 1801
XMC 202 BOARD	1601962-202	B	2604
XMCIP BOARD	1120010-402	A	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	REVISED - NO ECO	9-30-87	CR
	B	REVISED - SEE ECO # CPU001	9-30-87	CR
	C	REV CHG - SEE ECO # 831	9-30-87	CR
	D	REDRAWN - SEE ECO # 1577	9-30-87	CR
	E	CHG PER ECO #2113	F.D. 16 SEP 88	atf

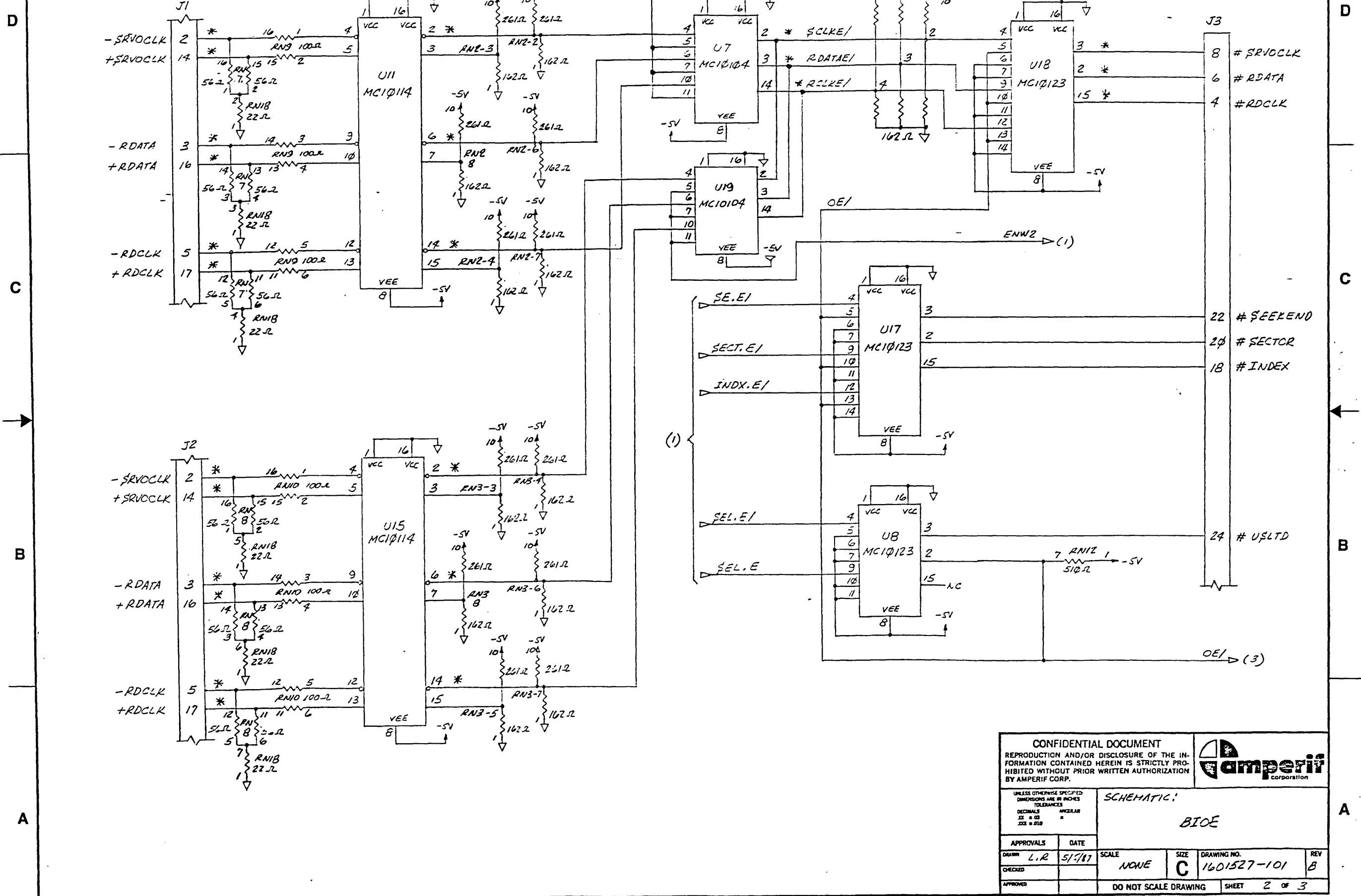
OCT 6 1989



TAB	ASSEMBLY OPTION	LOCATION
101	1601549-101 TO -104	U14-U17
201	1601549-201 TO -204	U14-U17
301	1601549-301 TO -304	U14-U17
401	1601741-001 TO -004	U14-U17
501	1601742-001 TO -004	U14-U17
XXX		

NOTES: UNLESS OTHERWISE SPECIFIED

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
		SEE SHT 1	

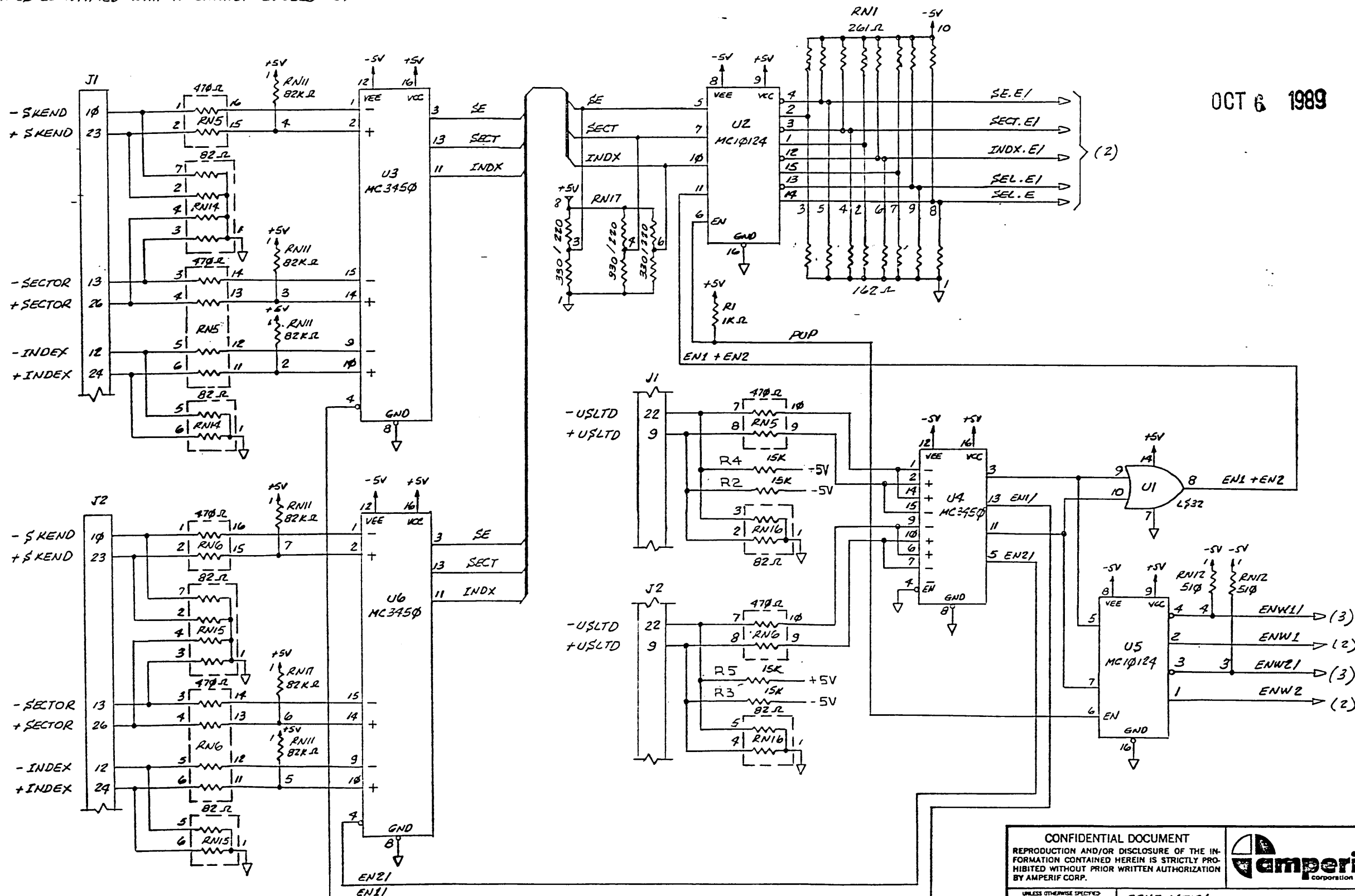


NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL CAPACITOR VALUES ARE IN MICROFARAD.
2. ALL RESISTOR VALUES ARE IN OHMS.
3. THE LINES IDENTIFIED WITH "*" CANNOT EXCEED 2 1/2 INCHES.

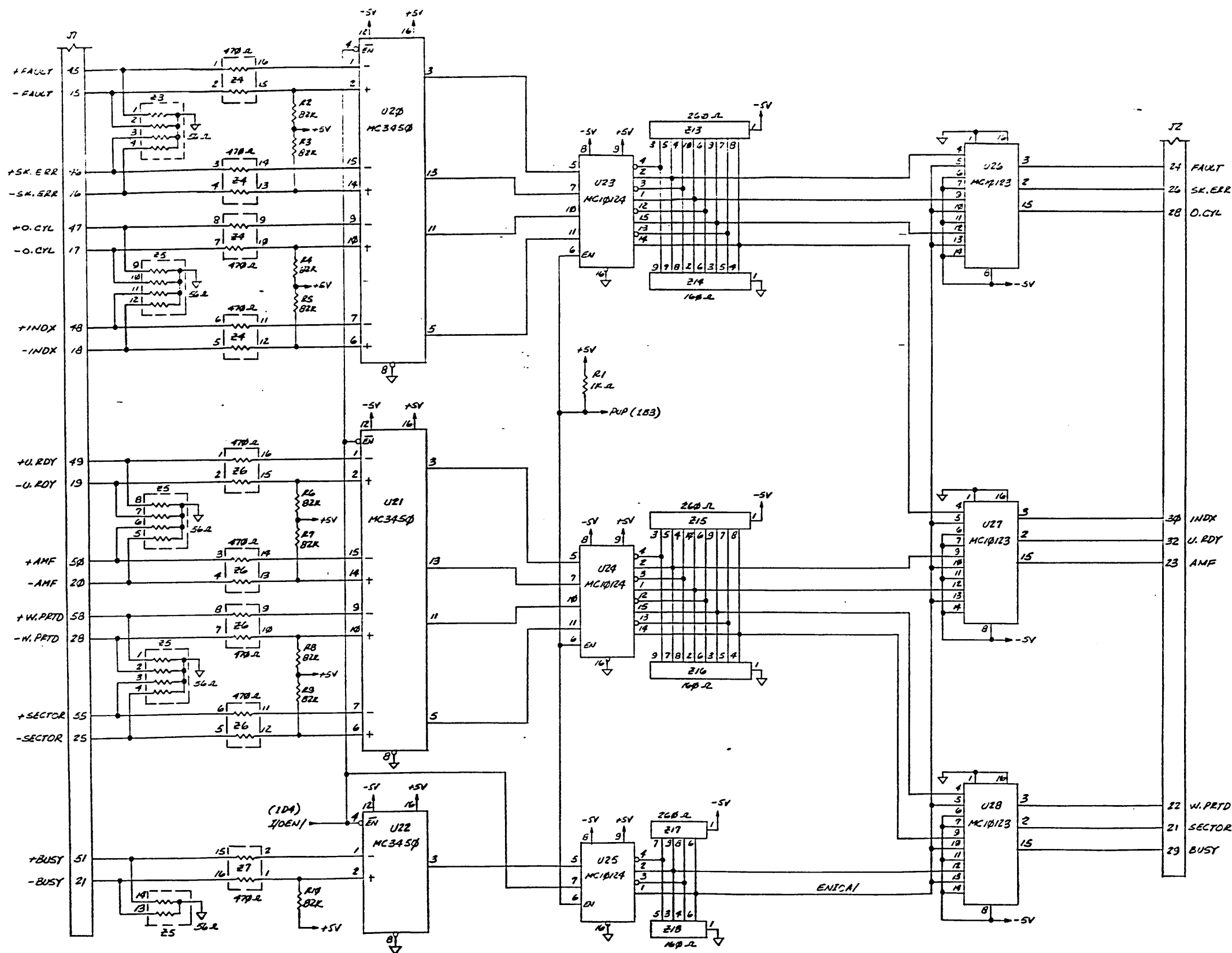
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	AX	PROTOTYPE		
	BX	PROTOTYPE		
	B	PROD REL W/CHG ECO #1586	17 OCT 87	WHR

OCT 6 1989



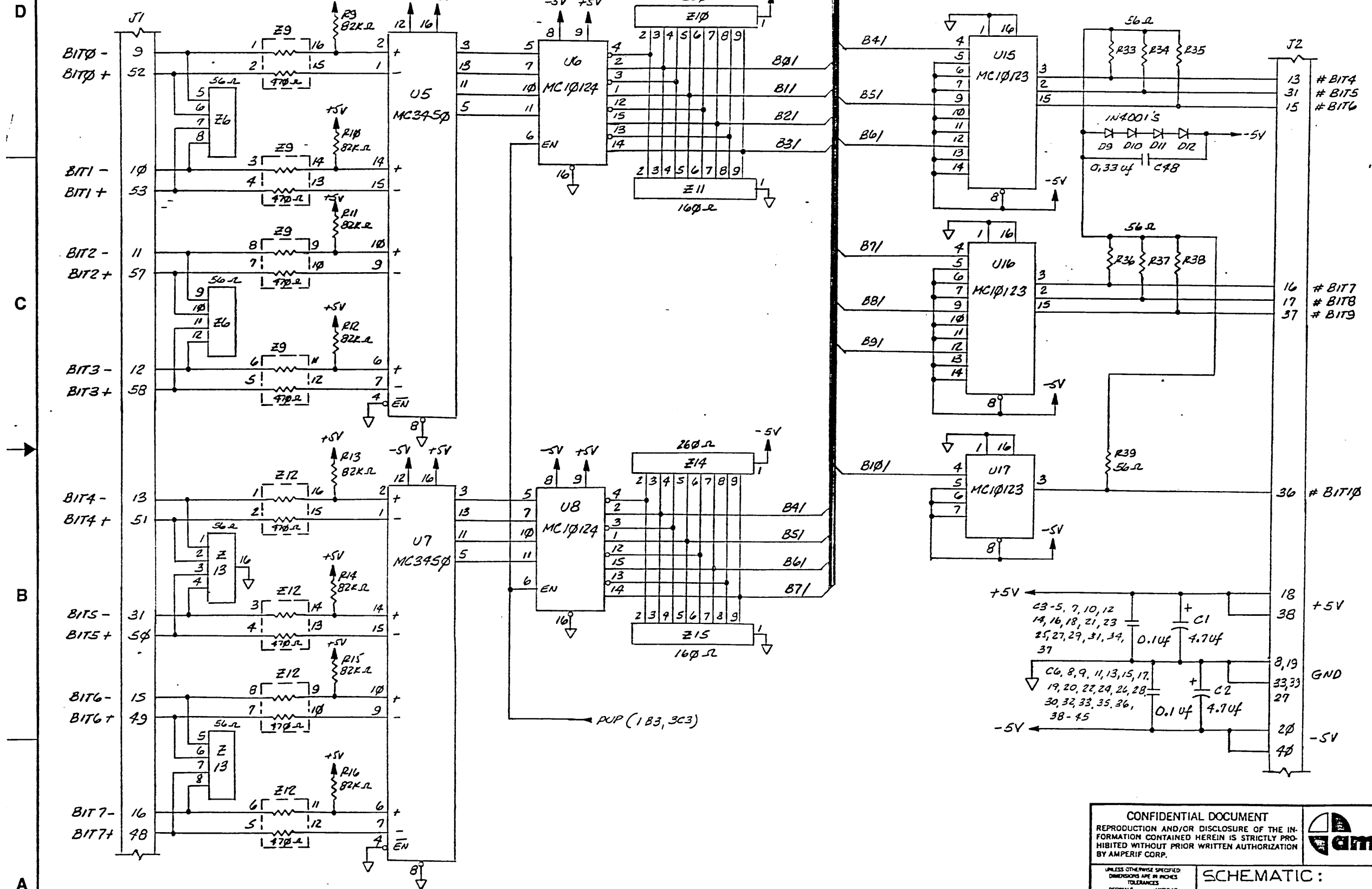
NOTES: UNLESS OTHERWISE SPECIFIED

REVISIONS		DATE	APPROVED
ZONE	REV		
SEE SHEET 1			

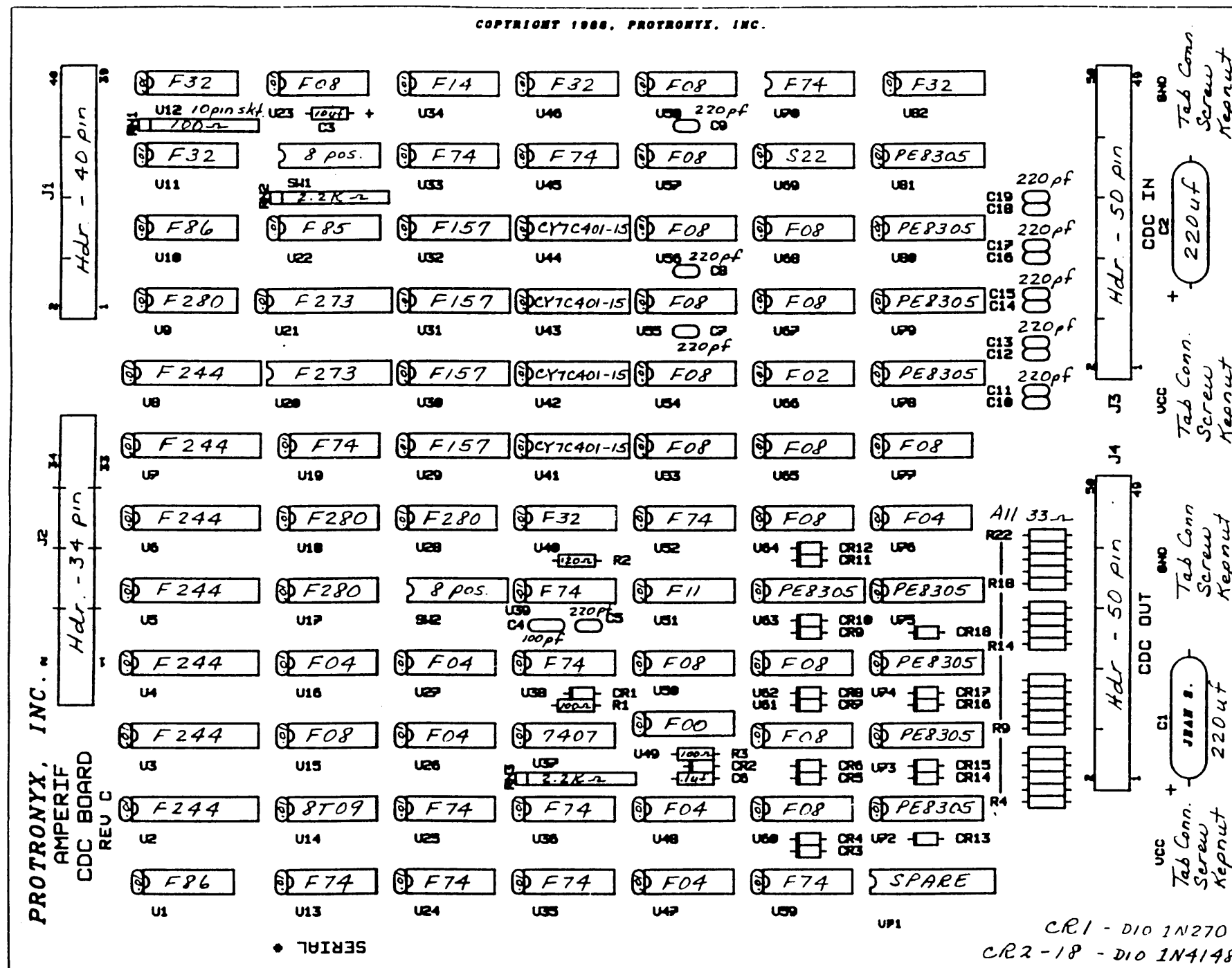


NOTES: UNLESS OTHERWISE SPECIFIED

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR XX					



COMPLETED APRIL 24, 1986

Initial Release of Rev. C Bd. - ECO# 131

D

C

B

A

PROTRONYX, INC.

CDC FOR AMPERIF

REVISION HISTORY

B	BD	C	ASSY # 21002200	REV E
ECO	P/N	1 OF 24		

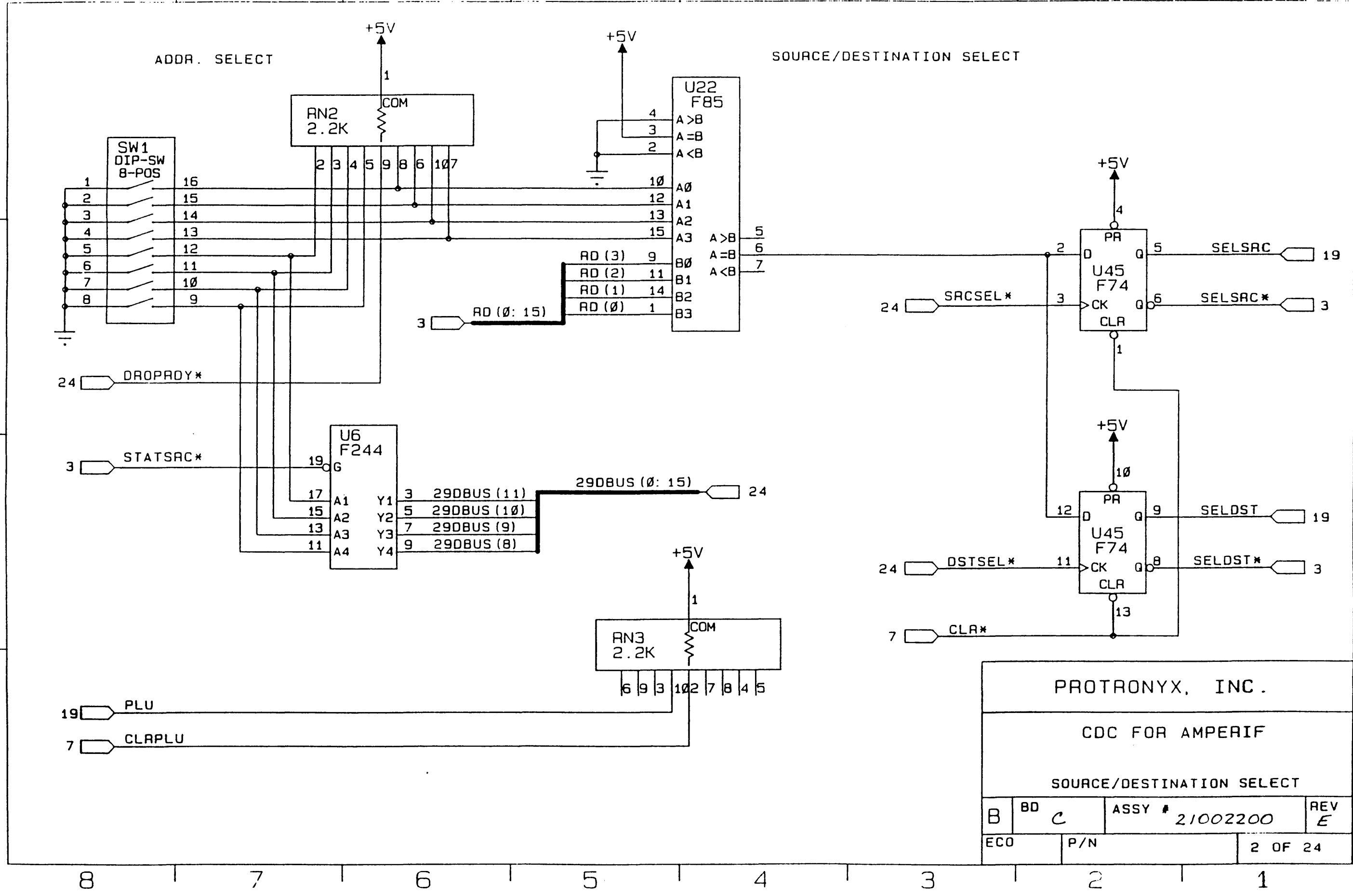
ECO 2588
SH 75

D

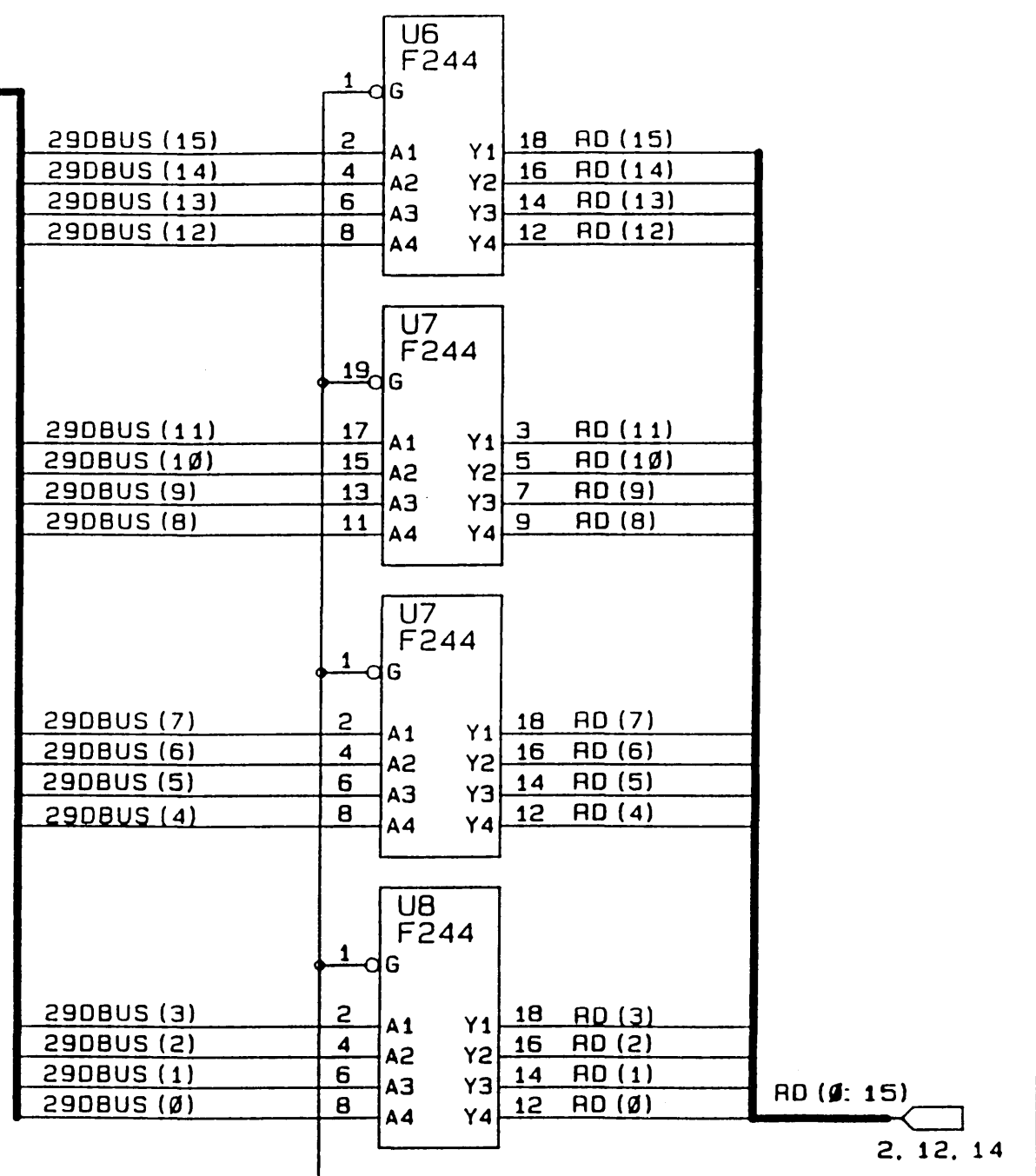
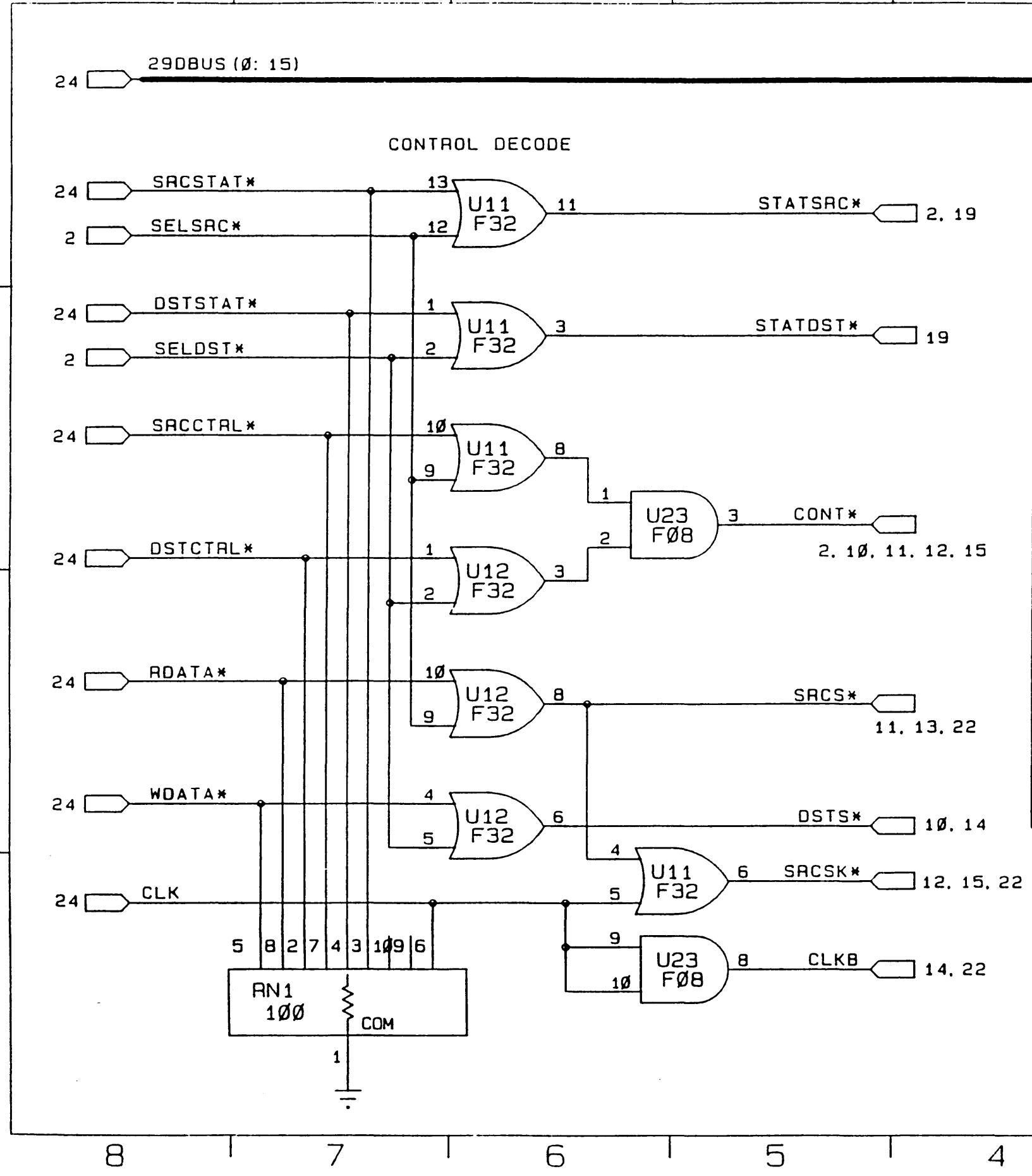
C

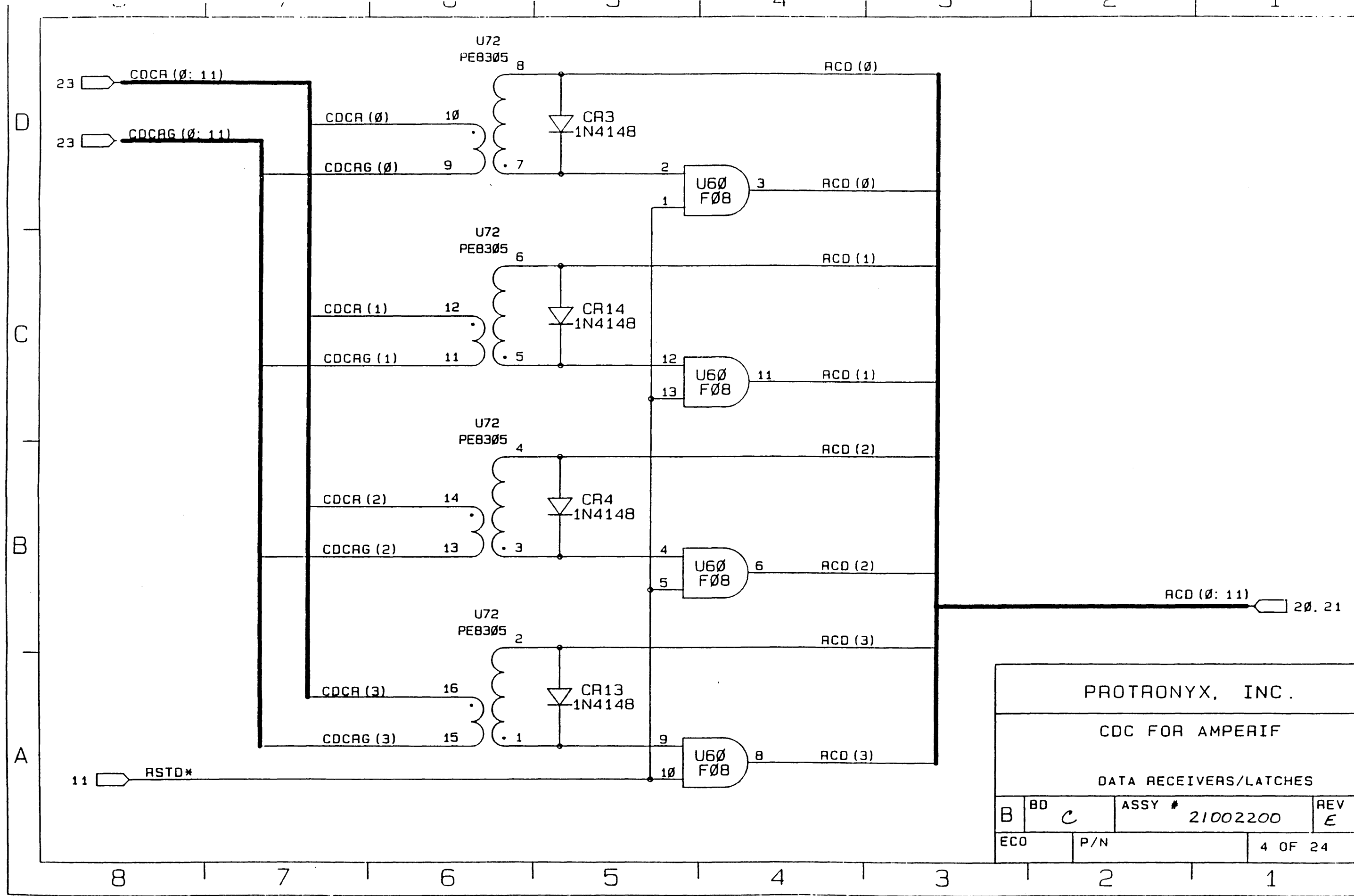
B

A



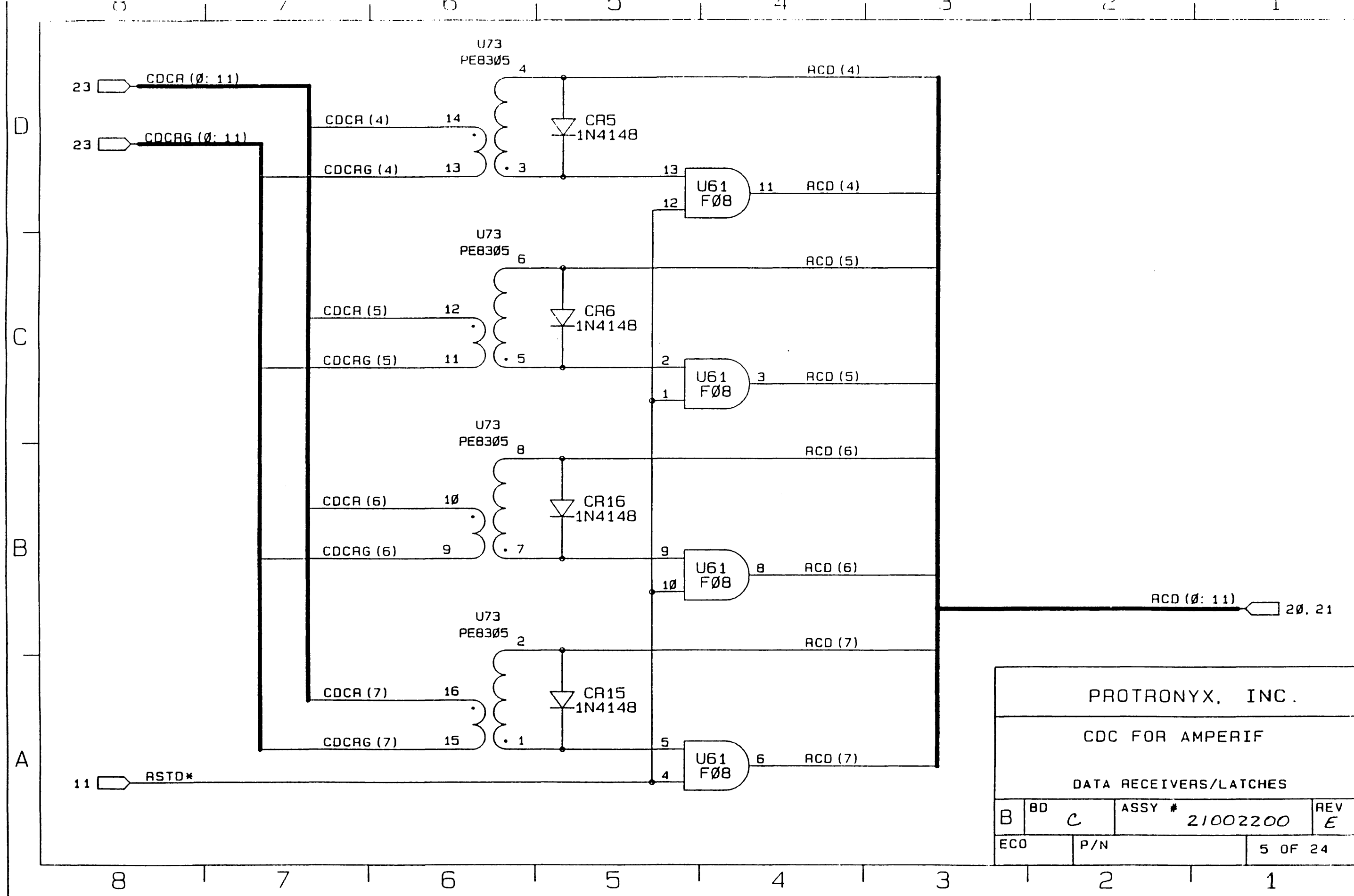
D
C
B
A





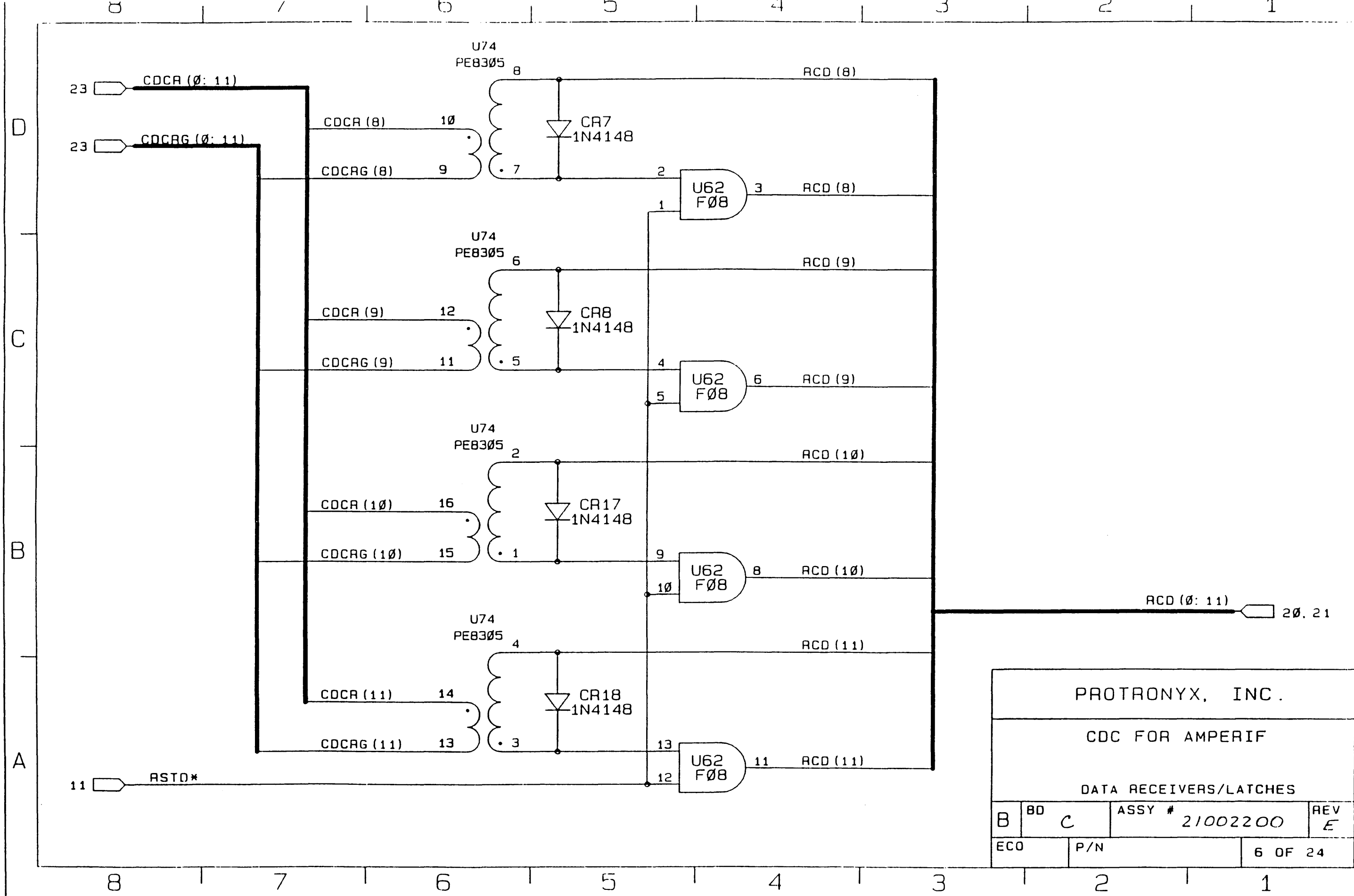
PROTRONIX, INC.			
CDC FOR AMPERIF			
DATA RECEIVERS/LATCHES			
B	BD	ASSY #	REV
C		21002200	E
ECO	P/N	4 OF 24	

ECO 2548
SH 78

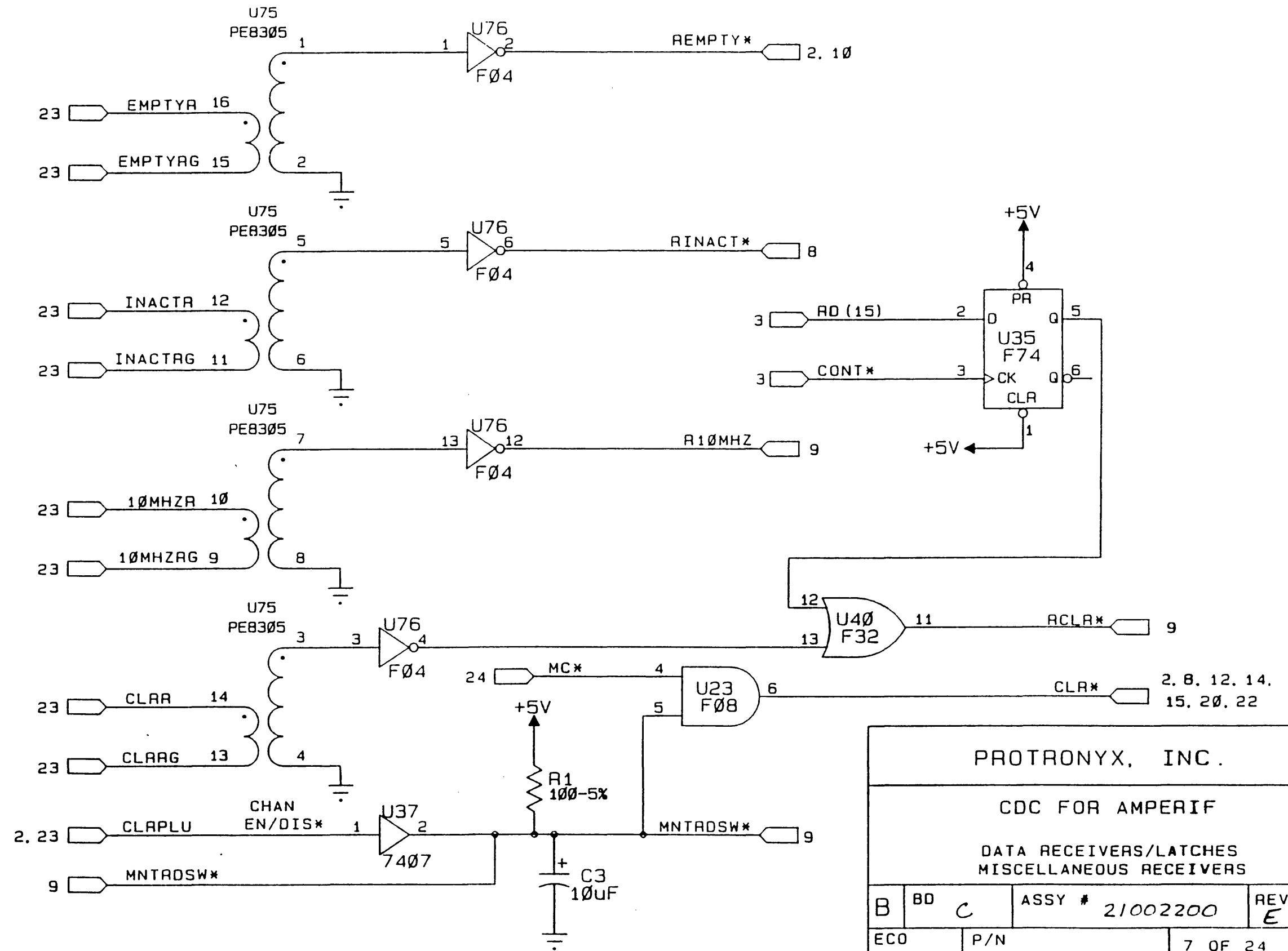


PROTRONIX, INC.				
CDC FOR AMPERIF				
DATA RECEIVERS/LATCHES				
B	BD	C	ASSY #	REV
			21002200	E
ECO	P/N			5 OF 24

ECO 255H
SH 79



MISCELLANEOUS RECEIVERS



PROTRONIX, INC.

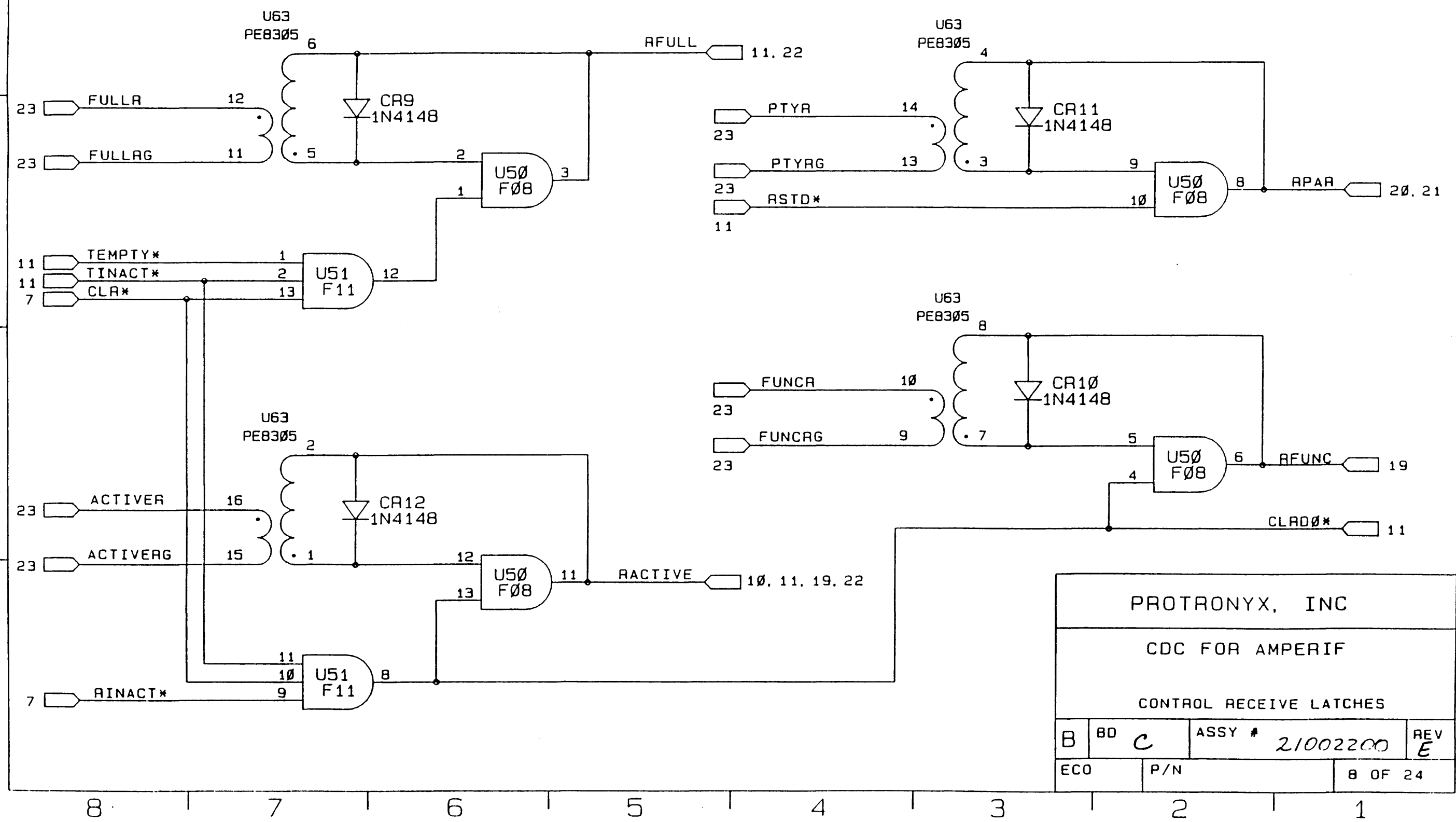
CDC FOR AMPERIF

DATA RECEIVERS/LATCHES
MISCELLANEOUS RECEIVERS

B	BD	C	ASSY # 21002200
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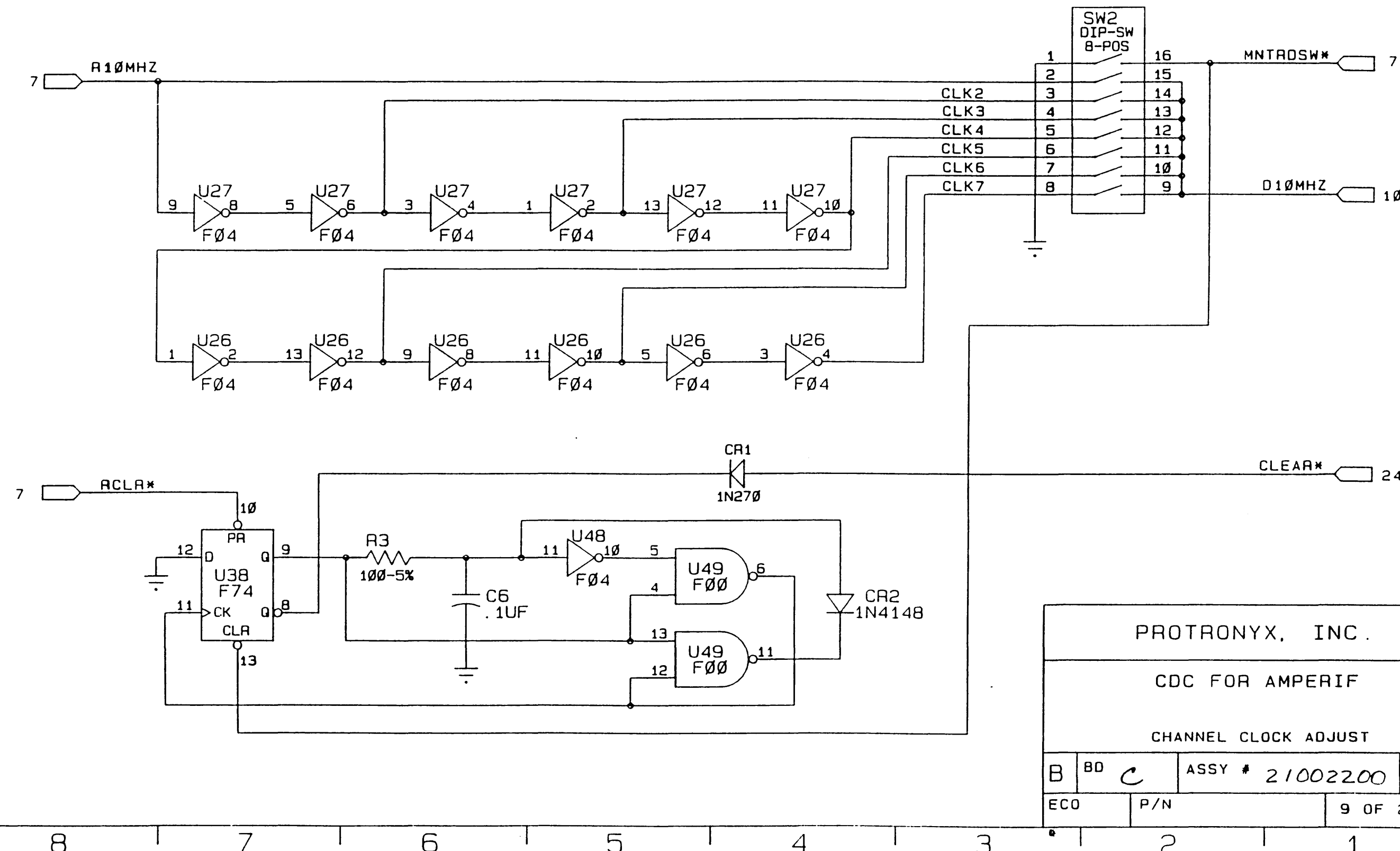
CONTROL RECEIVE LATCHES

D
C
B
A

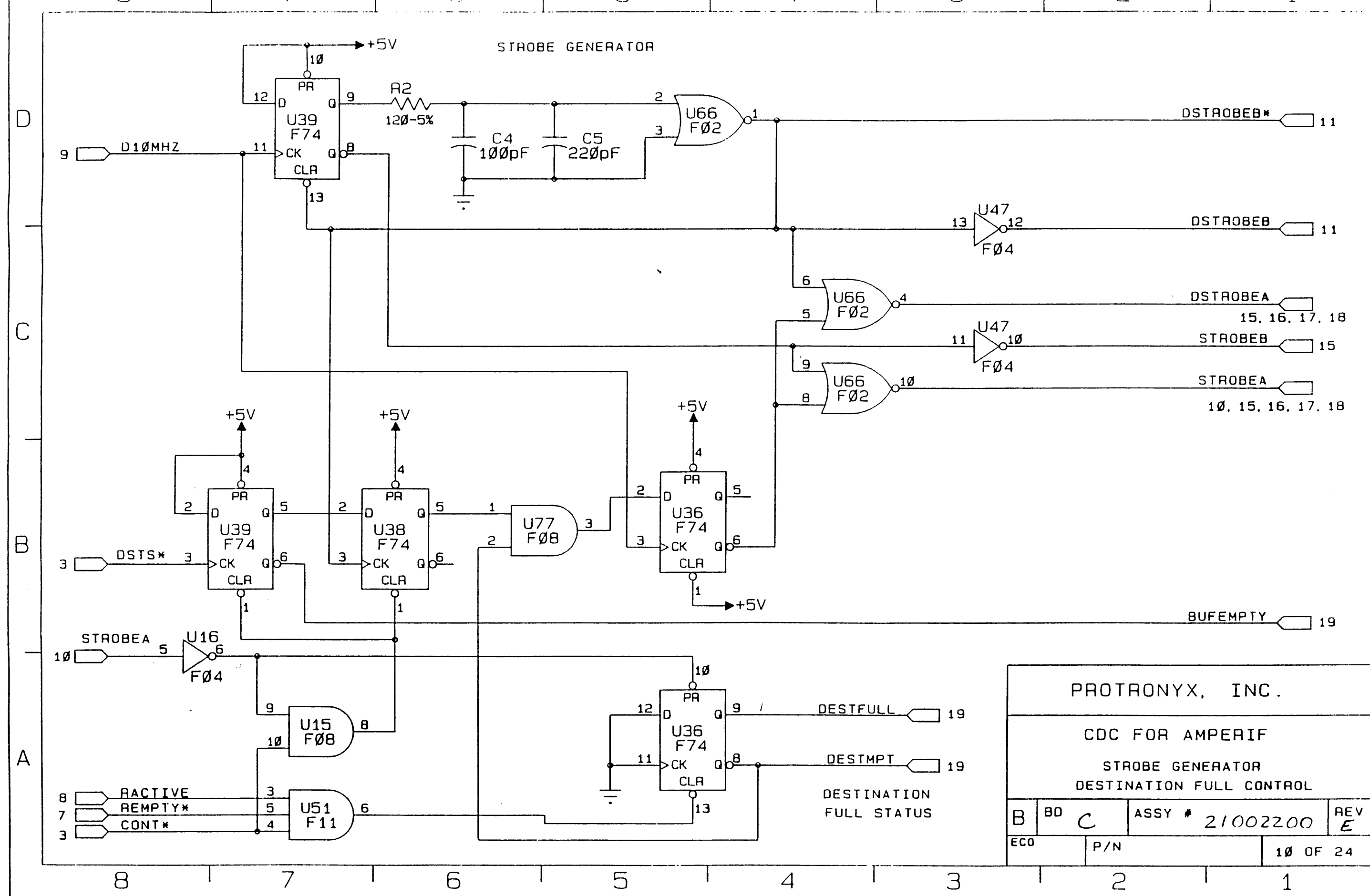


CHANNEL CLOCK ADJUST

D
C
B
A

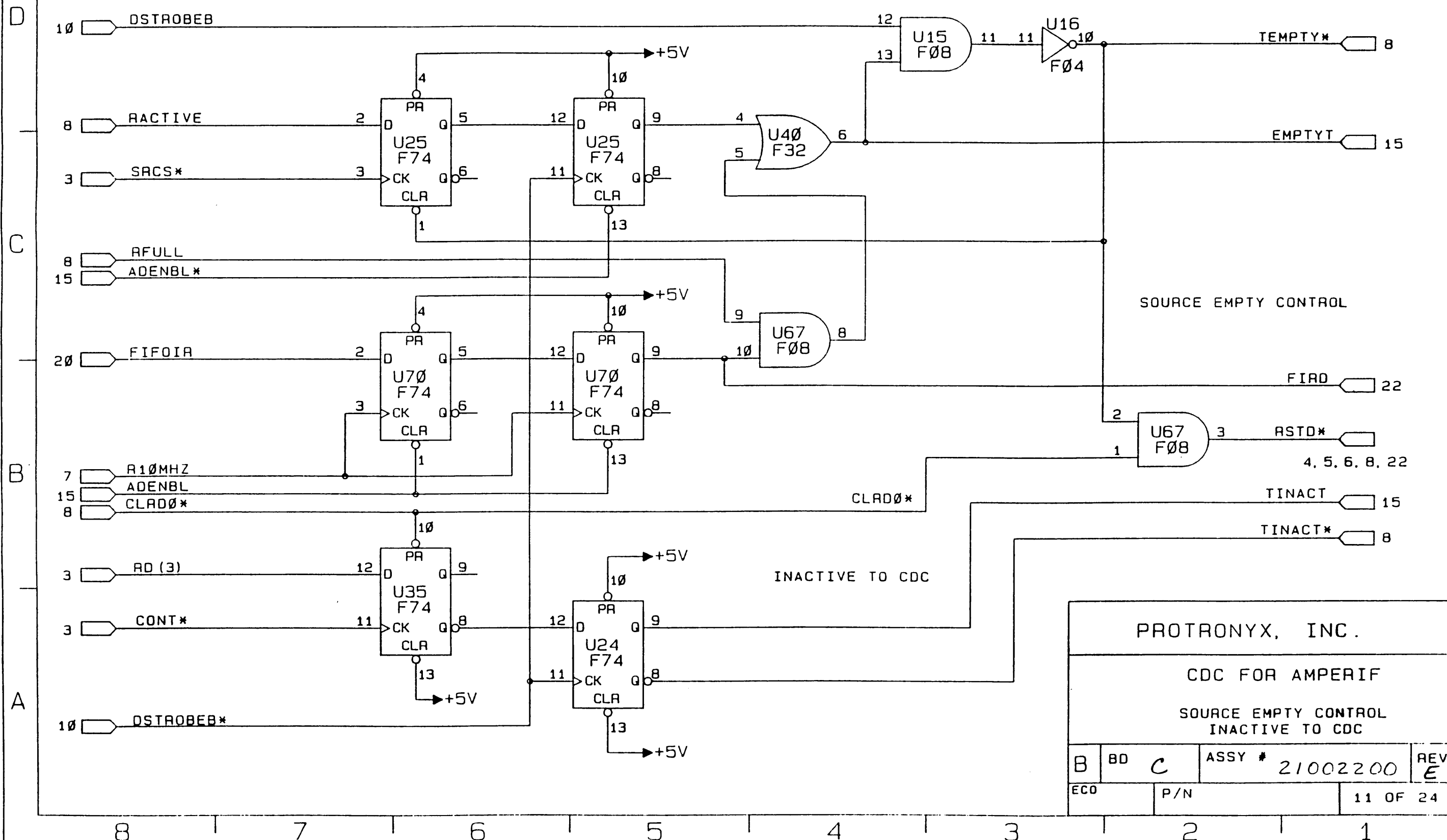


PROTRONIX, INC.			
CDC FOR AMPERIF			
CHANNEL CLOCK ADJUST			
B	BD	ASSY # 21002200	REV E
ECO	P/N	9 OF 24	

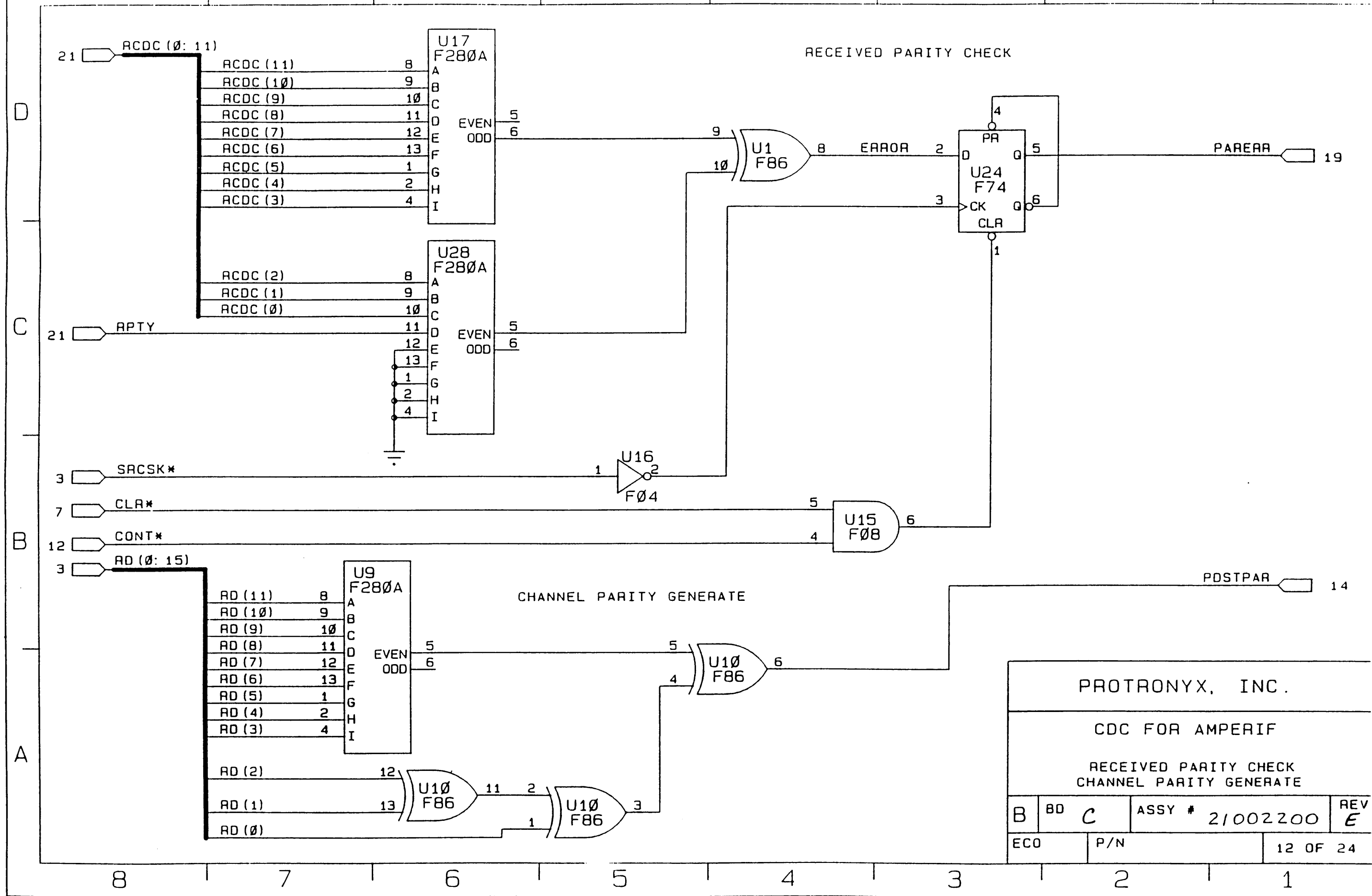


PROTRONIX, INC.			
CDC FOR AMPERIF			
STROBE GENERATOR DESTINATION FULL CONTROL			
B	BD	ASSY #	REV
C		21002200	E
ECO	P/N	10 OF 24	

ECO 2585
SH 84



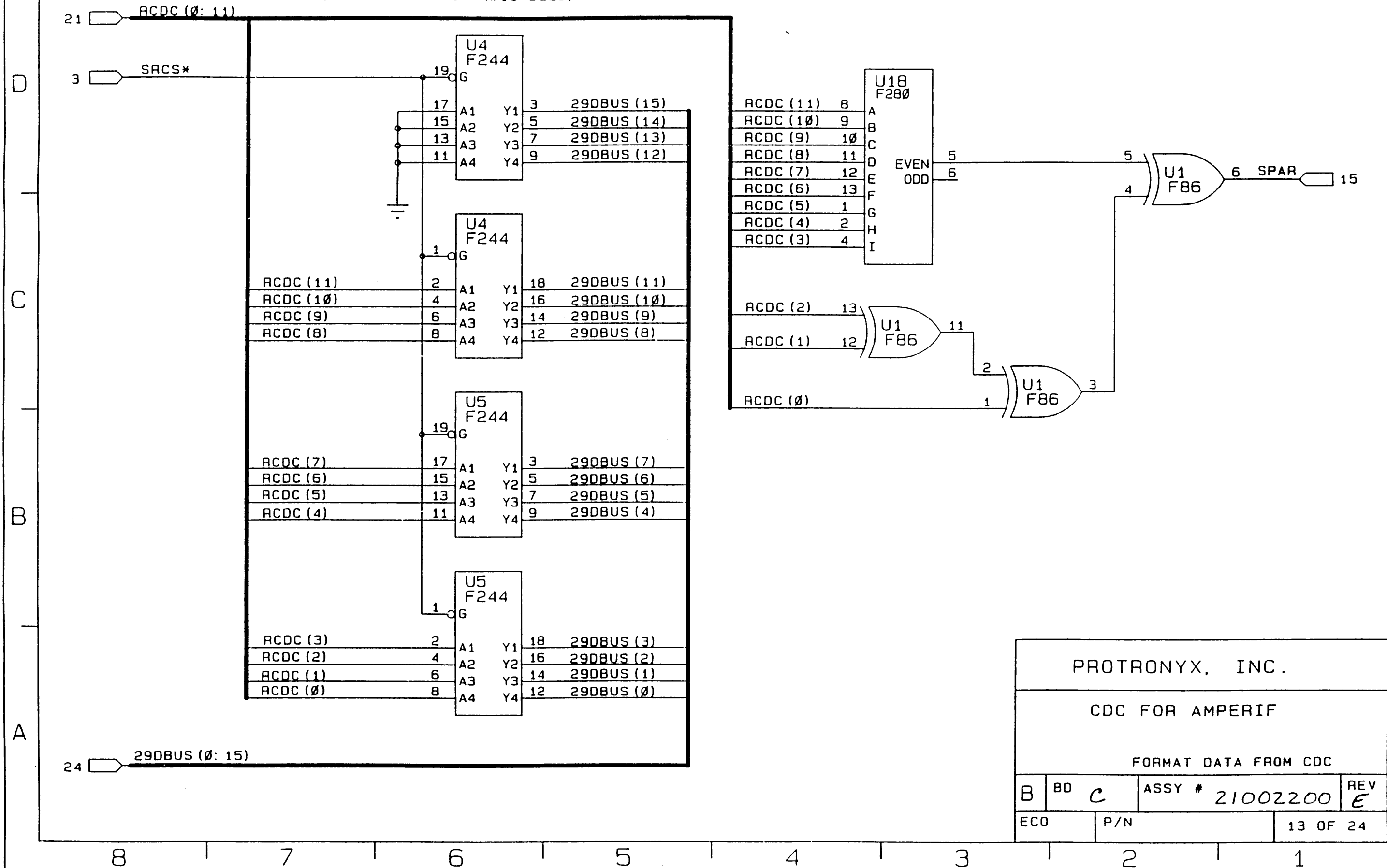
PROTRONIX, INC.			
CDC FOR AMPERIF			
SOURCE EMPTY CONTROL INACTIVE TO CDC			
B	BD	C	ASSY # 21002200
ECO	P/N		REV E
11 OF 24			



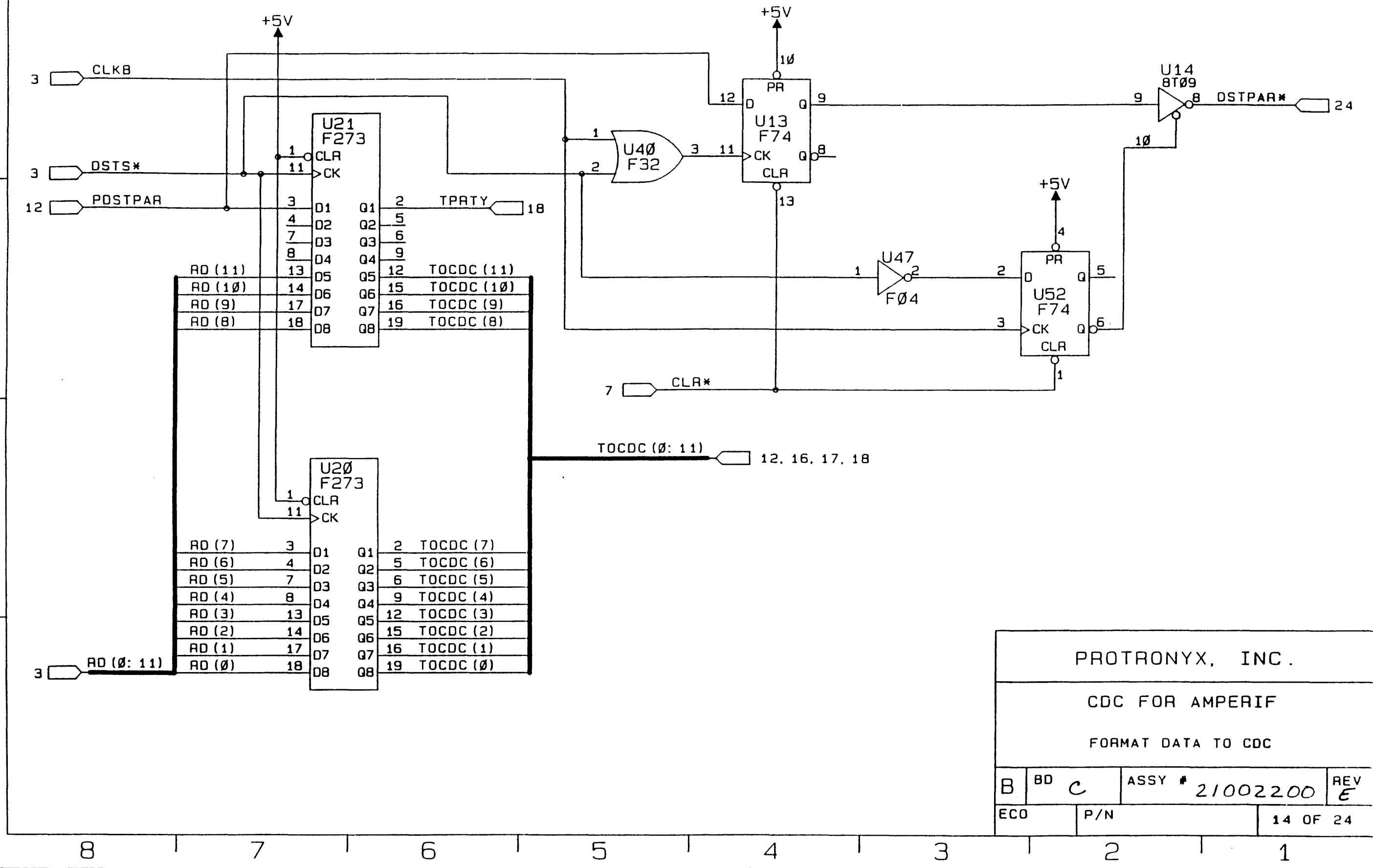
ECO 2538
5486

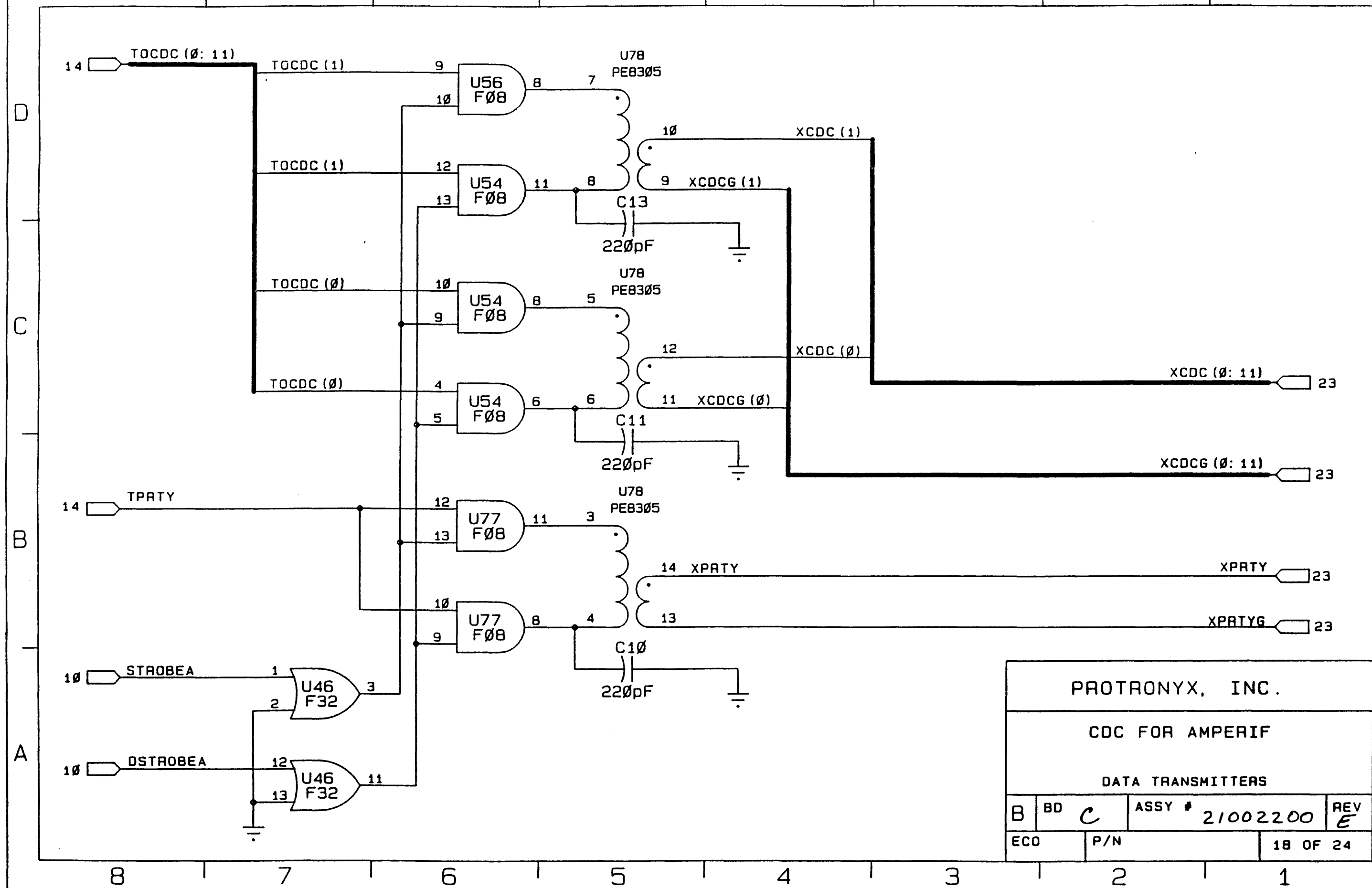
PROTRONIX, INC.				
CDC FOR AMPERIF				
RECEIVED PARITY CHECK CHANNEL PARITY GENERATE				

WRITE DISASSEMBLY (DISABLED; DIRECT MODE)



D
C
B
A





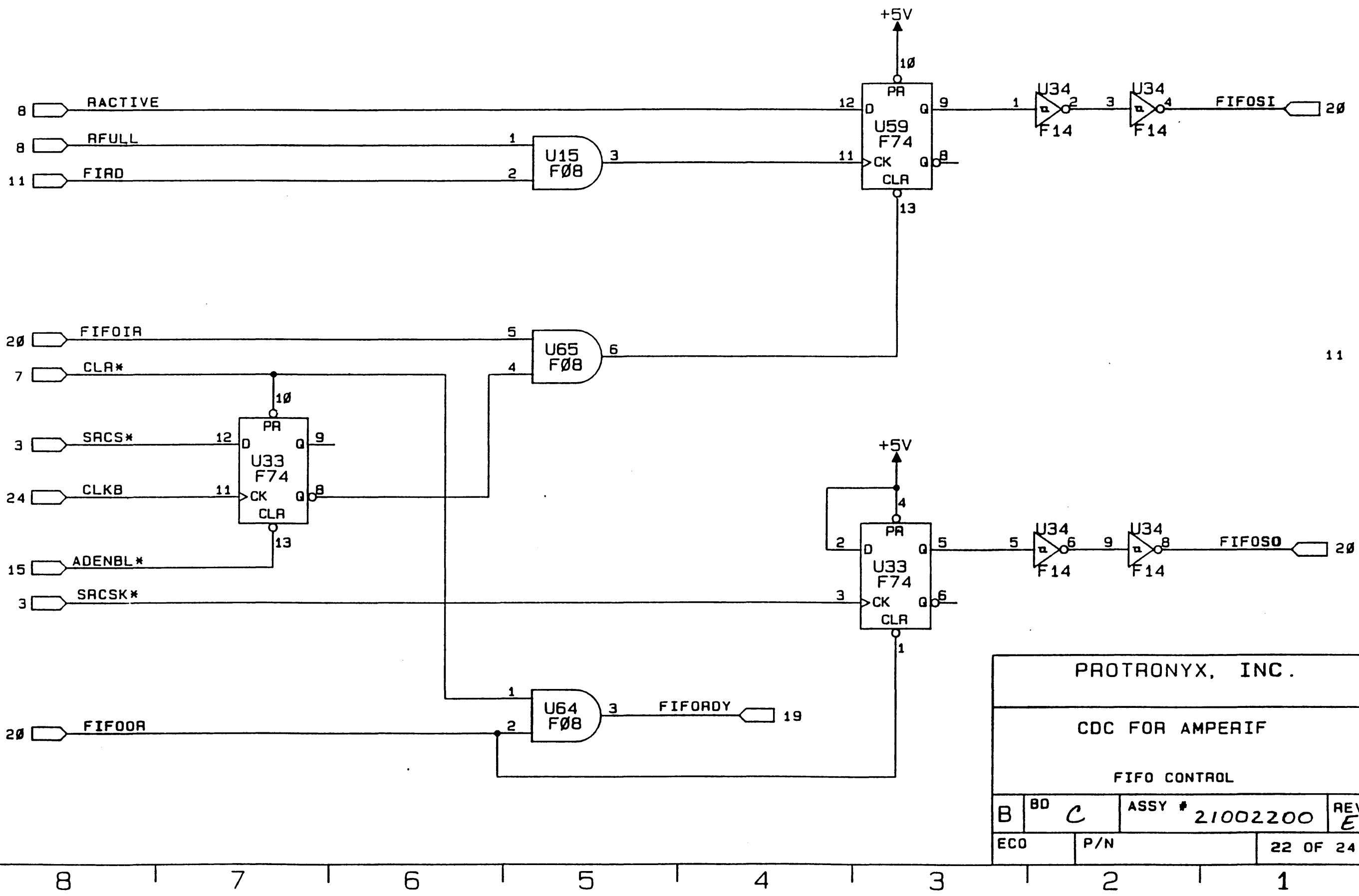
PROTRONIX, INC.				
CDC FOR AMPERIF				
DATA TRANSMITTERS				
B	BD	C	ASSY # 21002200	

D

C

B

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