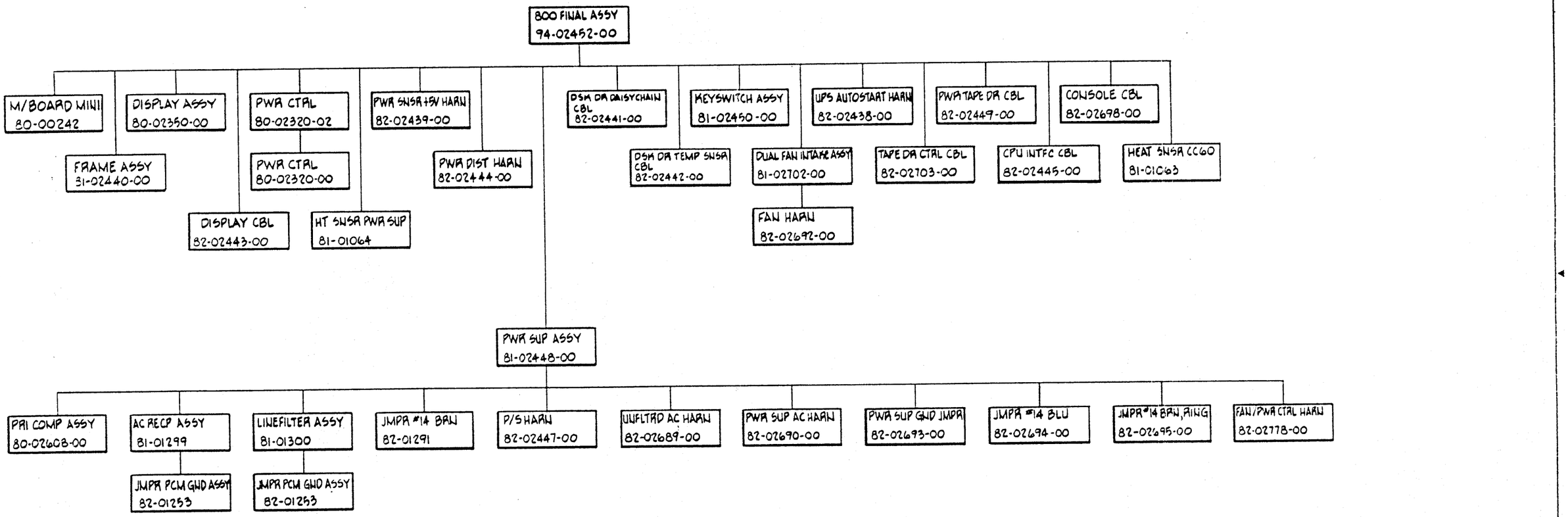
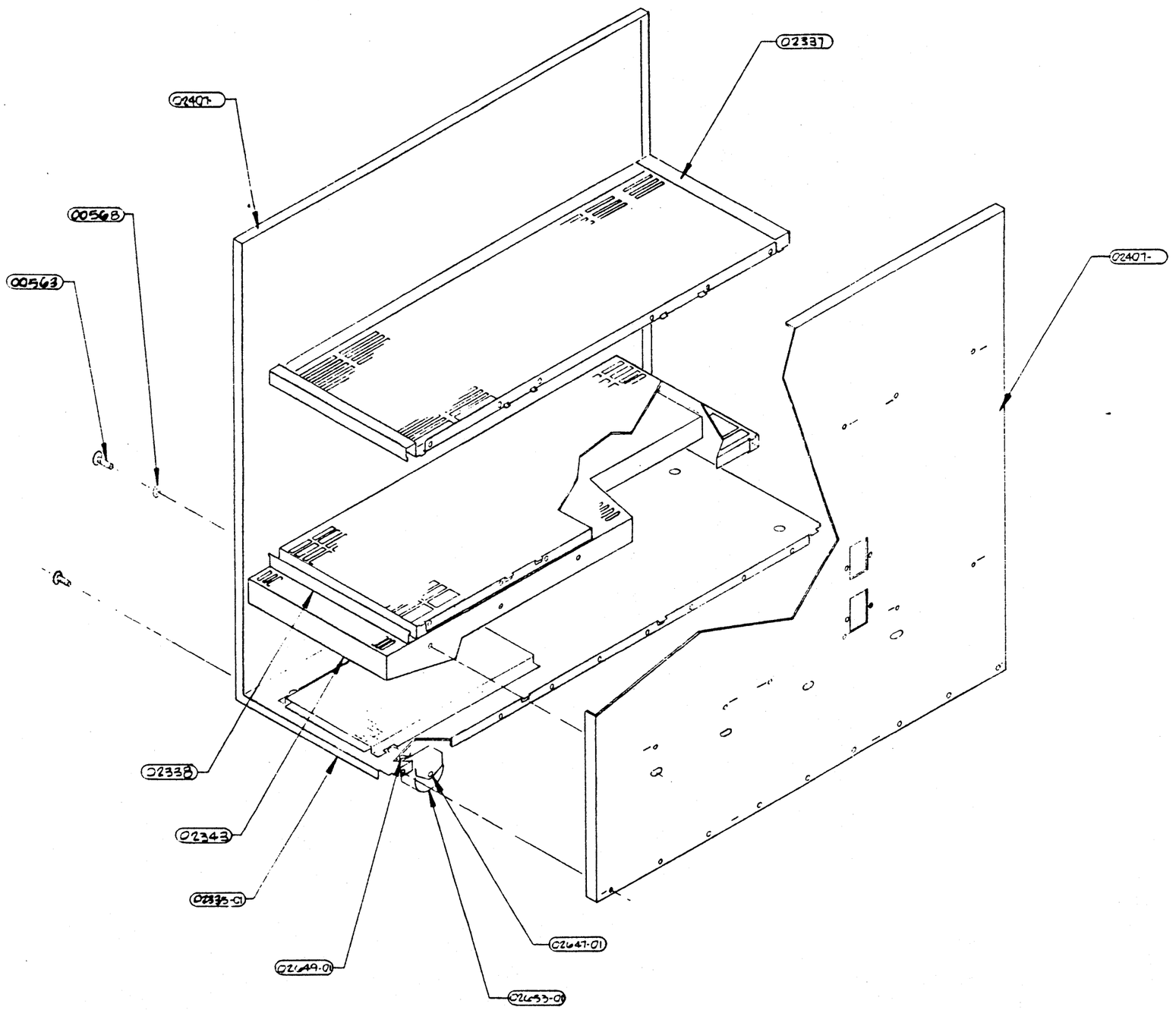


DR		NEXT ASSY	APPVD / DATE / PR DCN / REV
CK		REVISIONS	
ME		ARETÉ	
EE			
PE			
UNLESS OTHERWISE SPECIFIED		800 PRODUCT TREE	
MATERIALS	FINISHES		
DIMENSIONS IN	TOLERANCE	SCALE / SHT OF	DWG NO / REV



REVISION HISTORY AD-02440 A

A	25 JUNE 1987	INITIAL RELEASE--PRELIMINARY

REFERENCE DOCUMENTS

1. FR-99123 TORQUE REQUIREMENTS
2. LA-02440-00 LIST OF MATERIALS,ASSY,FRAME,800

ASSEMBLY INSTRUCTIONS

1. Mate tabs of base plate (51-02335-01) to slots of either side plate (51-02407-XX) (one side only), and fully torque in 8-32 X 3/8 screws (36-00563).
2. Loosely fasten plenum (51-02343) to same side panel. Use flat #8 flat washers (38-00568). To be fully torqued only at final assembly level.
3. Mate tabs of lower card guide plate (51-02338), then upper card guide plate (51-02337) to the slots of the same side panel, and fully torque in 8-32 X 3/8 screws.
4. Align opposite side plate slots with tabs and fully torque with 8-32 X 3/8 screws except for the plenum, which is loosely fastened.
5. Place frame assembly on side, position each wheel (44-02653-01) on the base plate, insert clevis pin (36-02647-01), and secure with cotter pin (36-02649-01).

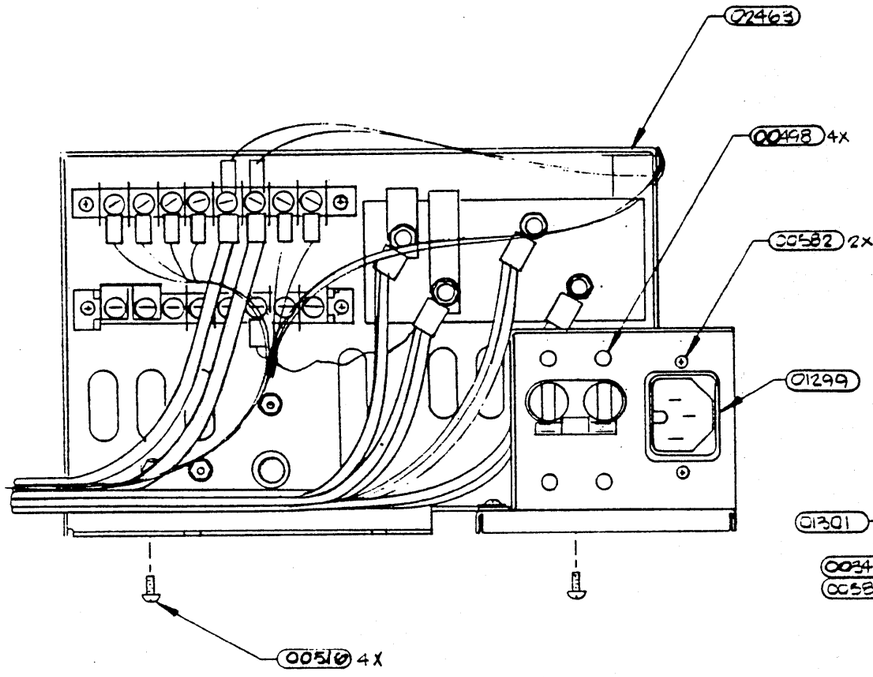
END

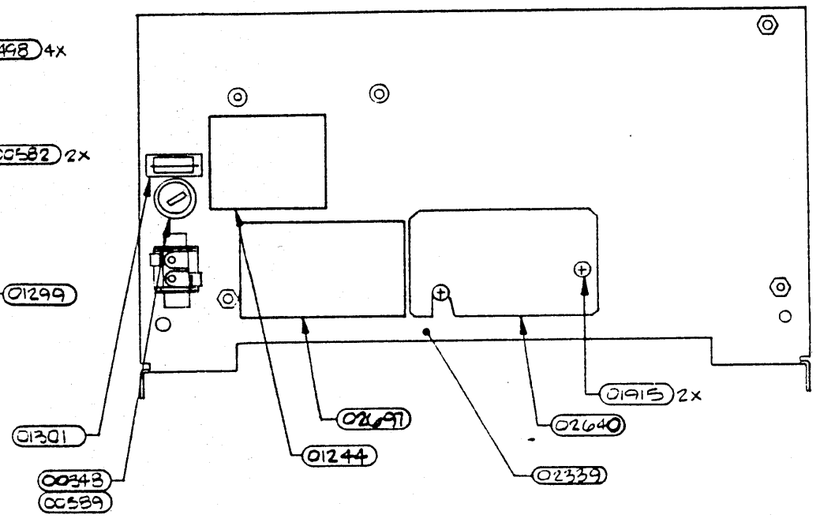
ARETE OPERATIONS PROCEDURE

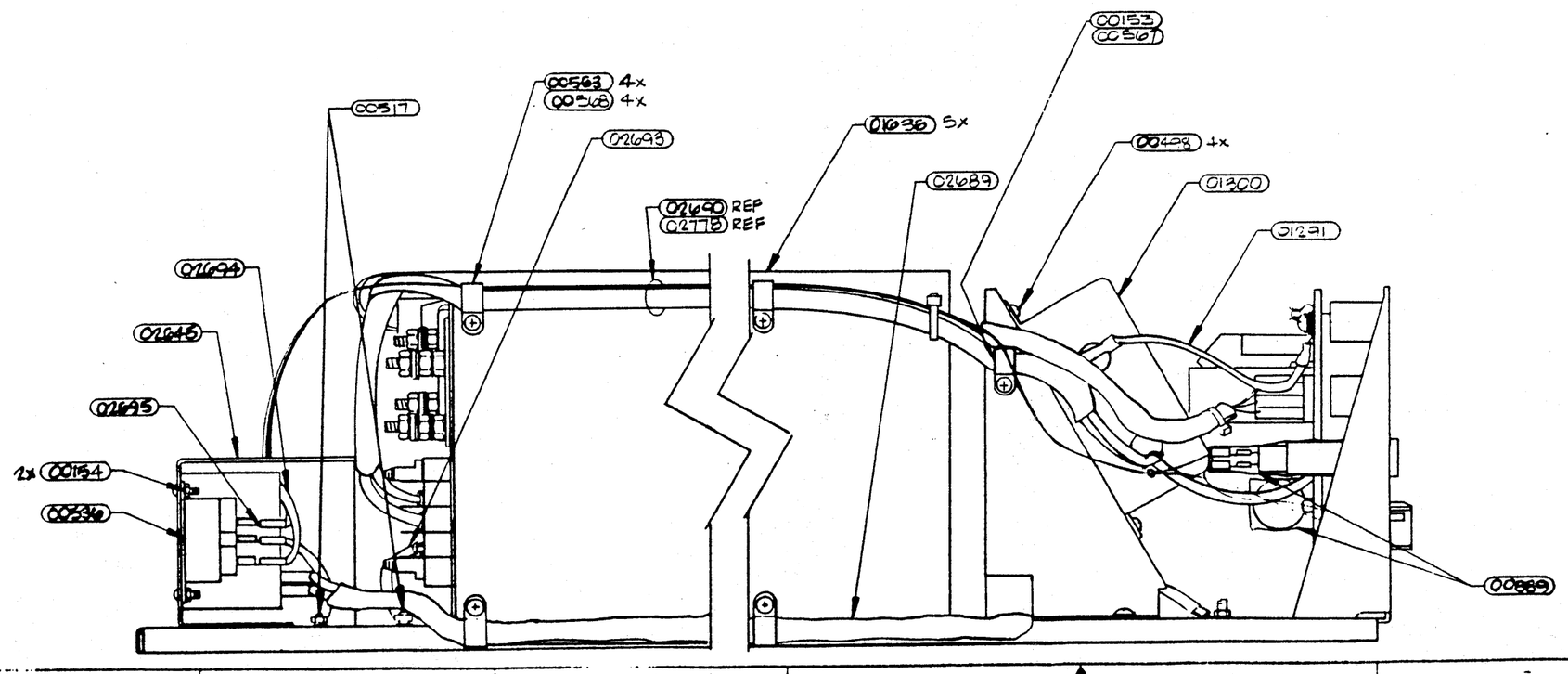
DOC NUMBER	REV	DESCRIPTION	DATE	SHEET
AD-02440	A	ASSY,FRAME,800	25 JUNE 1987	1 of 1

APPROVALS

ORIGINATOR	FITZPATRICK 6/26/87	CHECKED BY	6/26/87
DRAFTING BY	C. Hill EE 6/29/87	DIR ADV MFG ENGR	
DIR QA	6/29/87	DIR MANUFACTURING	6/26/87
DIR ME/TE	6/26/87	DIR MATERIALS	







AD-02448 A

REVISION HISTORY

A	30 JUNE 1987	INITIAL RELEASE--PRELIMINARY

REFERENCE DOCUMENTS

1.	PR-99123	TORQUE REQUIREMENTS
2.	LM-02448-00	LIST OF MATERIALS,ASSY,PWR SUPPLY,800
3.	WD-02448	WIRING DIAGRAM,ASSY,PWR SUPPLY,800

ASSEMBLY INSTRUCTIONS

1. Apply thermal compound (84-00177) to the base of the solid state relay (27-01265) and fasten to the 800 power supply chassis (51-02339-00) using two 6-32 X 1/4 screws (36-00498). Position 1 and 2 of the relay should adjacent to the fuse.
2. Fasten the primary component PCB assembly (80-02608-00) to the chassis (51-02339-00) using three 6-32 X 3/4 screws (36-00636).
3. Attach the ring tongue of brown #14 jumper (82-01291) to the PCB assembly and relay (position 1) with an 8-32 X 3/8 (36-00563) screw as shown.
4. Attach the red lead of AC harness (82-02690-00) to the PCB assembly and relay with an 8-32 X 3/8 (36-00563) screw as shown.
5. Fasten two 6-32 X 3/8 screws to the PCB assembly and relay (position 3 and 4).
6. Insert fuse holder (24-00347) through the chassis and secure with nylon nut.
7. Insert 2 amp fuse (24-00589) in fuse carrier (24-00348) and fasten into fuse holder.
8. Slip approximately 1-1/2 of clear shrinkable tubing (02-00889) over the fuse holder.
9. Connect fast-on leads of (82-02778-00) fan/power control harness to tabs of fuse holder (24-00347).
10. Snap 2-wire molex connector of fan/power control harness in position in the chassis and 4-wire connector into P1 of the PCB board.
11. Slide the shrinkable tubing down over the tabs on the fuse holder, and use a heat gun to shrink tubing around it.
12. Remove factory installed sense cables from power supply terminals, and fasten power supply (25-02463-00) to chassis using four 8-32 X 1/4 (36-00516).
13. Connect AC harness to power supply barrier block.
14. Connect ground jumper (82-02693-00) to power supply barrier block and then to the chassis stud using a #8 hex nut (36-00568).
15. Connect fan/control harness (82-02778-00) and power supply harness (82-02447-00) to the power supply barrier block as shown in WD-02448.
16. Snap nylon bushing (02-02740-01) in round hole of line filter mount (51-02641-00).
17. Fasten line filter assembly (81-01300) to line filter mount using four 6-32 X 1/4 screws (36-00498).
18. Route the end of unfiltered AC harness (82-02689-00) through the hole in the line filter mount and connect to the LINE end of the filter.
19. Route the unfiltered AC harness through the notch in the base of the filter mount, and fasten the mount to the chassis using three 8-32 X 3/4 screws (36-00563) and #8 flat washers (36-00568).
20. Attach the brown jumper from relay position 1 to the line filter LOAD end.
21. Attach the blue lead of the power supply harness (82-02690-00) to the other LOAD tab on the filter.
22. Using nylon cable clamps (36-01636) fastened by 8-32 X 3/8 screws (36-00563) with #8 flat washers (36-00568), secure the power supply harness to the power supply as shown. The clamp on the filter mount takes a 6-32 X 3/8 screw (36-00153) and #6 (36-00567) flat washer.
23. Pick up the AC housing (51-02645-00) and fasten the circuit breaker (24-00536) using four 6-32 X 1/4 screws (36-00498), and the AC receptacle assembly (81-01299) using two 4-40 X 3/8 screws (36-00582).
24. Connect the brown jumper (82-01291) and blue jumper (82-02694-00) between the breaker and receptacle as shown on WD-02448.
25. Connect the remaining end of the unfiltered AC harness to the breaker as shown.
26. Fasten ground jumper of AC receptacle assembly to the lug on the chassis with a #8 hex nut.
27. Fasten the assembled AC housing to the chassis using four 8-32 X 3/8 screws and #8 flat washers.
28. Secure the unfiltered AC harness to the power supply using cable clamps as shown.
29. Fasten voltage select cover (51-02640-00) on the chassis using two 6-32 X 3/8 screws (36-01915).
30. Apply labels (52-01321, 52-01244, 52-01345) approximately where shown on chassis.

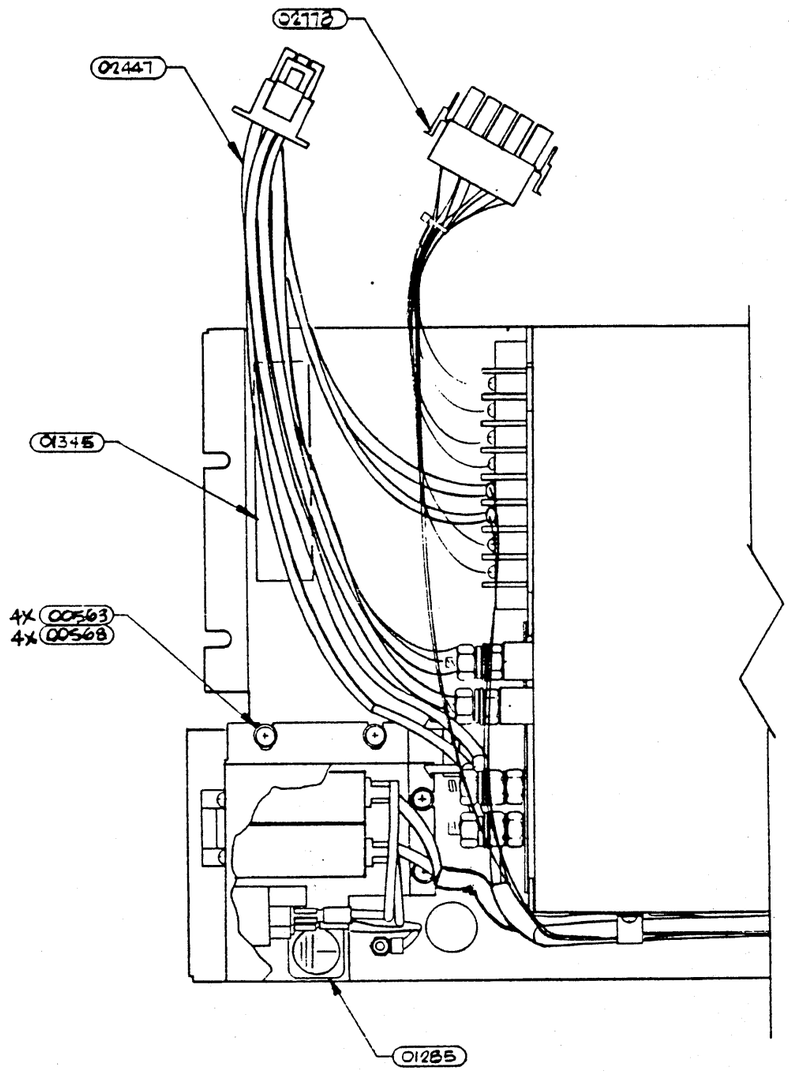
END

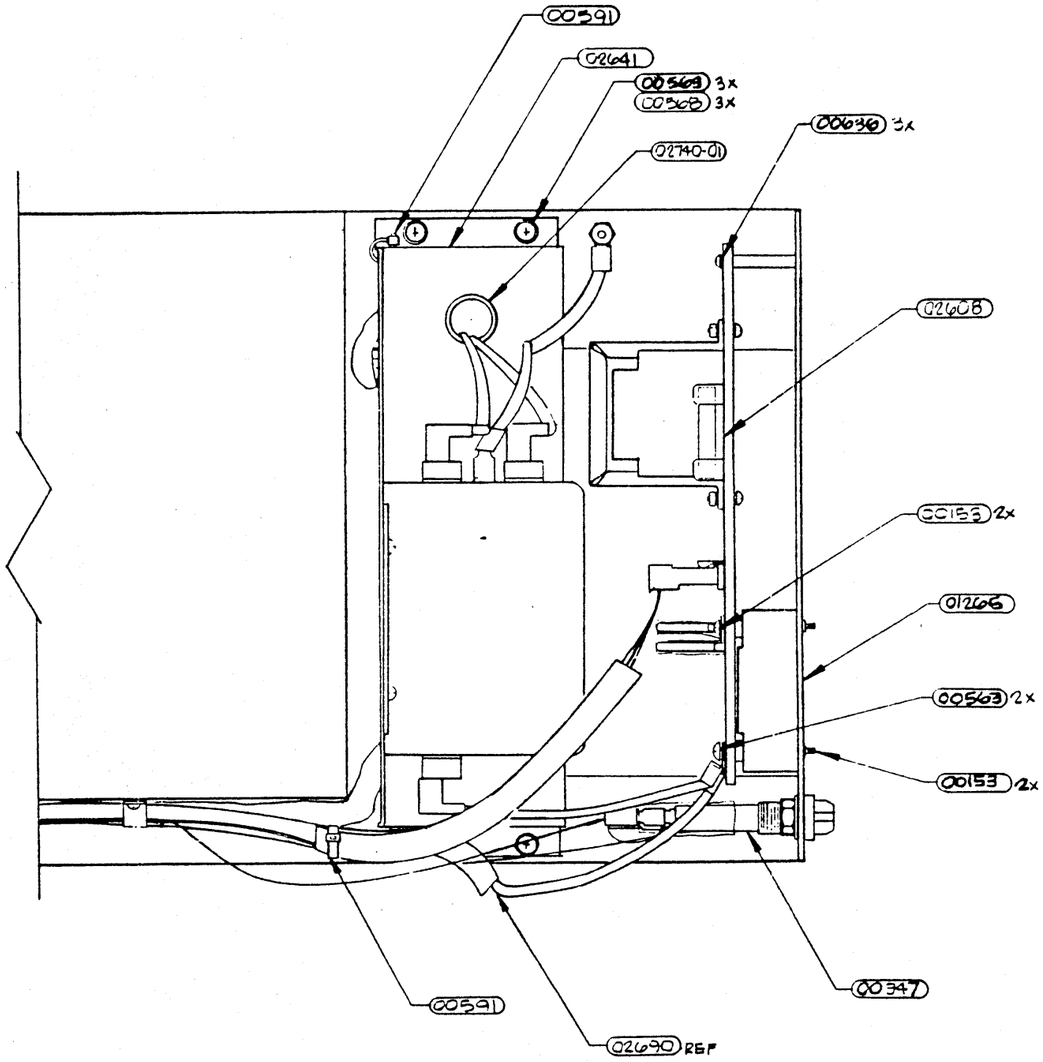
ARETE OPERATIONS PROCEDURE

DOC NUMBER	REV	DESCRIPTION	DATE	SHEET
AD-02448	A	ASSY,POWER SUPPLY,800	30 JUNE 1987	1 of 2

APPROVALS

ORIGINATOR	J. FITZPATRICK	6/30/87	VP OPERATIONS		
DRAFTING BY	C. HOOPER	6/30/87	DIR ADV MFG ENGR		
DIR QA		7/1/87	DIR MANUFACTURING		
DIR ME/TE	P. Nash	7/1/87	DIR MATERIALS		





ARETE OPERATIONS PROCEDURE				
DOC NUMBER AD-02448	REV A	DESCRIPTION ASSY, POWER SUPPLY, 800	DATE 30 JUNE 1987	SHEET 2 of 2

WD-02448 | 1

01299 ASSY, AC RECEPTACLE
02645 HOUSING, AC
01298 CONN, RECPT, 3CC, 10A, 120C, VDE
02352 CKT BREAKER, 2 CCT, 10A
02689 ASSY, HARN AC UNFILTERED
01300 ASSY, LINEFILTER
01261 LINEFILTER CORCOM 20VWI
CBI
BRN
GRN
BLU
LINE HOT
LINE NEUTRAL
LINE
LOAD
01291
02694
CHASSIS GND
01253
SW HOT
SW NEUT
00519
00524
BRN
GRN
BLU
LINE
LOAD
BRN
BLU
BLU
FILTERED NEUTRAL
FILTERED HOT
FILTERED NEUTRAL
CHASSIS GND
01253
01265 RELAY, SOLID STATE, 25A, 240VAC, VDE
02608 ASSY, PRI COMP
4
1
3
2
BRN
RED
01288 LINECORD, DETACHABLE, 10A, 120V, U.S.
01287 LINECORD, DETACHABLE, 10A, 240V, U.S.
01352 , CHINESE
01353 , PIGTAIL
01355 , SCHUKO
01357 , BRITISH
01359 LINECORD, DETACHABLE, 10A, 240V, SWISS
2 5 8 15 11 14 9 12 6 3
P1
RED
BLK
WHT
ORG
VIO
BLU
02778 ASSY, HARN FAN/PWR CTRL
RED WHT BLU YEL RED GRY
+M COM -M P.F. - V2+ V3 5- 5+
02692 ASSY, FAN HARN
VIO
BLU
BLU
02463 PWR SUP SWTCHG 850W +5 +12 -12
FUSE 3AG SLO-BLO
02654 FAN
02690 ASSY, HARN PWR SUP AC
02702 ASSY, FAN INTAKE DUAL
RED
BLU
GRN
V1 V2
+ - + -
02447 ASSY, HARN PWR SUP
VIO BLU ORG BLK RED GRY GRN
4 1 3,6 9,12 2,5 8,11 7
CHASSIS GND
CHASSIS GND
02693
00347 FUSEHOLDER, PANEL MOUNT WITH TABS
00348 FUSECARRIER, 1/4x1 1/4
00589 FUSE, 3AG, 2A, 250V, SLO-BLO
01307 FUSECARRIER, 5x20MM (OPTION)
01306 FUSE, 5x20MM, 2A, 250V, SLO-BLO (OPTION)

NOTES: UNLESS OTHERWISE SPECIFIED

1. PIN NUMBERS/NAMES ARE SHOWN FOR REFERENCE ONLY & MAY NOT APPEAR ON PART BODIES. REFER TO INDIVIDUAL ASSY DWGS FOR EXACT PARTS ORIENTATIONS.
2. CONNECTION TYPES ARE DENOTED BY THE FOLLOWING SYMBOLS:
   - QUICK DISCONNECT
   - RING TONGUE
   - SOLDER
   - SPADE LUG
3. REFER TO:
   LM-02448
   AD-02448

DR	A. Green	6-1-87	
CK		7-31-87	
ME		7-31-87	
EE			
PE			

NEXT ASSY | APPVD | DATE | PROJ ENG

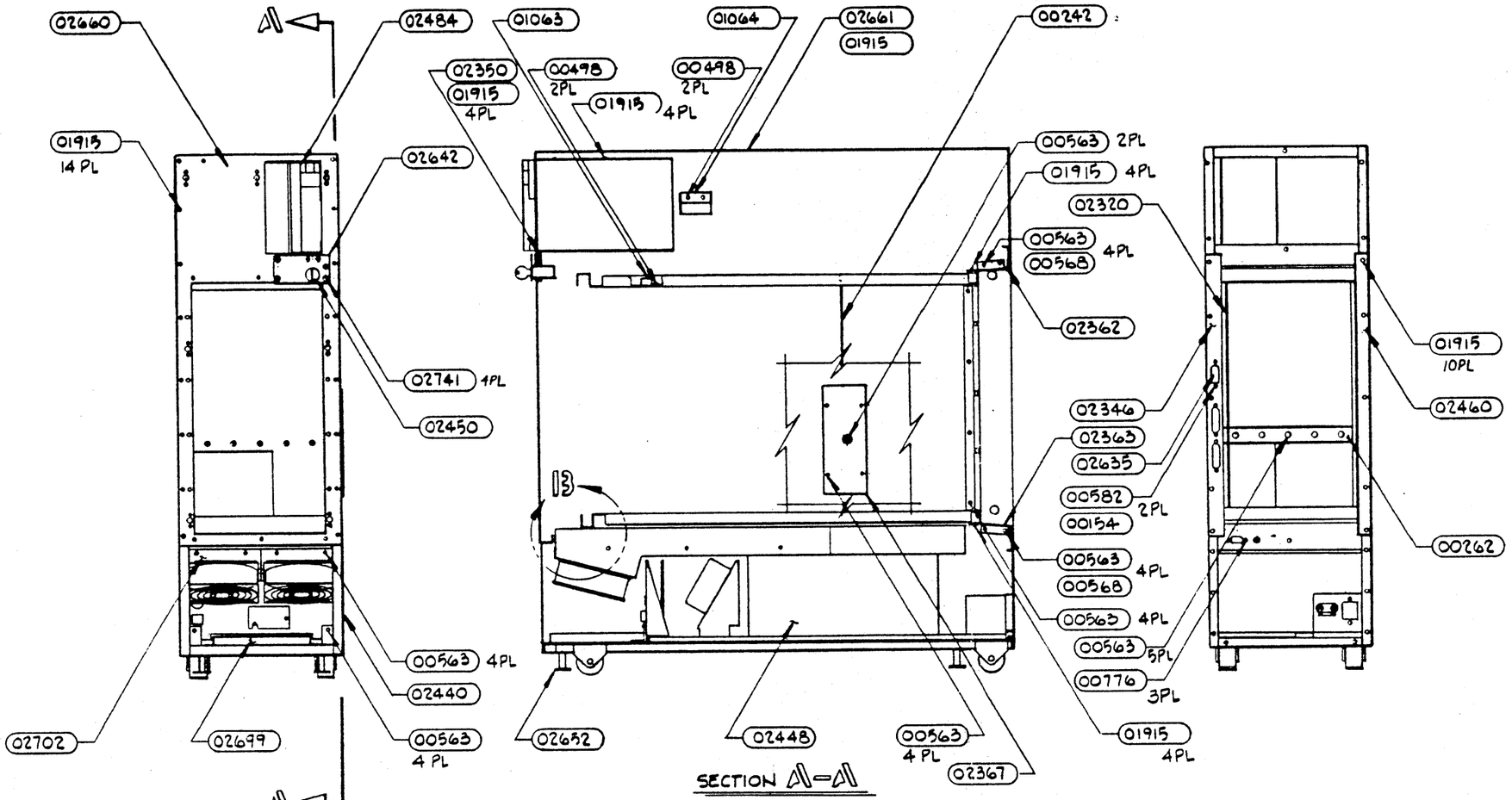
REVISIONS

UNLESS OTHERWISE SPECIFIED
MATERIALS | FINISHES
DIMENSIONS IN | TOLERANCE

ARETÉ

WIRING DIAGRAM
ASSEMBLY, POWER SUPPLY 800

SCALE — | SHT 1 OF 1 | DWG NO WD-02448 | REV



REVISION HISTORY AD-02452 A

A 1 JULY 1987 INITIAL RELEASE--PRELIMINARY

REFERENCE DOCUMENTS

1. PR-99123 TORQUE REQUIREMENTS
2. LM-02452-00 LIST OF MATERIALS,800 FINAL ASSY
3. WD-02452 WIRING DIAGRAM,FINAL ASSY,800

ASSEMBLY INSTRUCTIONS

1. Install the motherboard in the frame assembly (81-02440-00) and fasten with seven 8-32 X 3/8 screws (36-00563).
2. Fasten the motherboard brace (51-00262) to the motherboard (80-00242) and frame with seven 8-32 X 3/8 (36-00563) screws.
3. Fasten the 60 degree heat sensor (81-01063) to the top card cage section of the frame with two 6-32 X 1/4 screws (36-00498).
4. Fasten the 45 degree heat sensor (81-01064) to the right side panel of the the frame with two 6-32 X 1/4 screws (36-00498).
5. Fasten the keyswitch (81-02450-00) to the key switch mount (51-02642-00) and assembly to the front shield (51-02660-00) with the display board (80-02350-00) using four 6-32 X 3/8 flathead screws (36-02741-00). Connect the MTA connector to the display board.
6. Attach three ground clips (36-02655-01) to the front shield in the notches provided (see detail B), and fasten the front shield to the frame assembly with fourteen 6-32 X 3/8 screws (36-01915).
7. Adjust the air plenum (ref. 51-02343-00) of the frame assembly forward to depress the ground clips and torque down the 8-32 screws of the plenum.
8. Install the power supply assembly (81-02448-00) from the rear of the frame and fasten with four 8-32 X 3/8 screws (36-00563) and 88 flat washers (36-00659).
9. Install the rear leveling feet, then the front leveling feet (40-02651-01) in the frame.
10. Fasten the dual intake fan assembly (81-02702-00) with four 8-32 X 3/8 screws (36-00563). Connect the fan power cable to the molex connector at the front of the power supply assembly.
11. Fasten the D-connector, with connector mounting kit (30-00776), and the toggle switch of the ups autostart harness to the lower I/O recess bracket (51-02363-00) as shown.
12. Fasten the lower I/O recess bracket to the frame with four 6-32 X 3/8 screws (36-01915) and four 8-32 X 3/8 screws (36-00563) and 88 flat washers (36-00568).
13. Fasten the upper I/O recess bracket (51-02362-00) to the frame with four 6-32 X 3/8 screws (36-01915) and four 8-32 X 3/8 screws (36-00563) and 88 flat washers (36-00568).
14. Fasten the side I/O recess bracket (51-02460-00) to the frame with five 6-32 X 3/8 screws (36-01915).
15. Fasten the console and diagnostic cables (82-02698-00) to the I/O console plate (51-02146-00) using connector mounting kit (30-00776). Then fasten this plate to the frame using five 6-32 X 3/8 screws (36-01915). Route then cables to the front of the system as shown, securing with cable clamps (30-00767).
16. Install the power control board (80-02320-02) in the left rear slot of the card cage as shown. Connect cables: cpu interface cable (82-02445) and power distribution harness (82-02444-00) from the motherboard, ups autostart, power supply cables, display cable (82-02443-00), heat sensors--45 degree to P7B and 60 degree to P11B, as shown in WD-02452.
17. Connect the power supply to the motherboard with power sense harness (82-02439-00) using two 1/4 - 20 screws (36-00599), bronze split-lock washers (36-01225) and brass 1/4 - 20 nuts (36-01226) as shown.
18. Install tape drive (28-02484-00) in the front shield, securing with four 6-32 X 3/8 screws (36-01915). Connect tape drive control cable (82-02703-00) to the DT/IF, and tape drive power (82-02449-00) to the power control board.
19. Fasten the side plate cover (51-02367-00) to the frame with four 8-32 X 3/8 screws (36-00563).

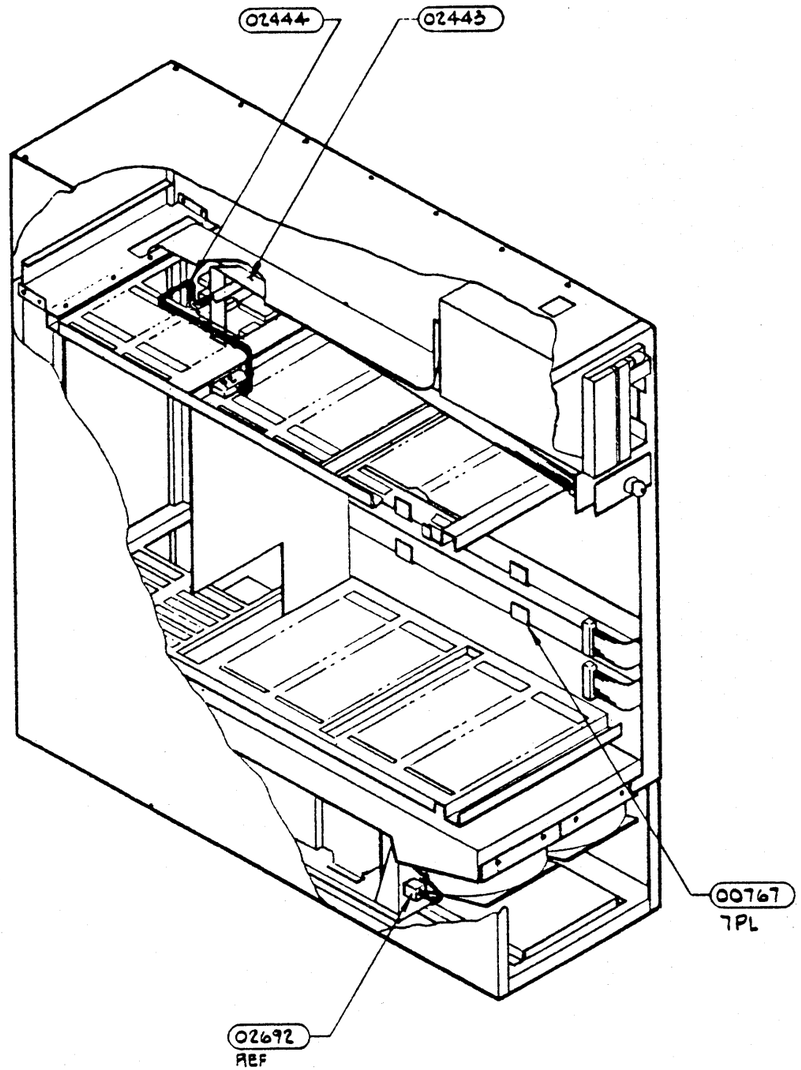
END

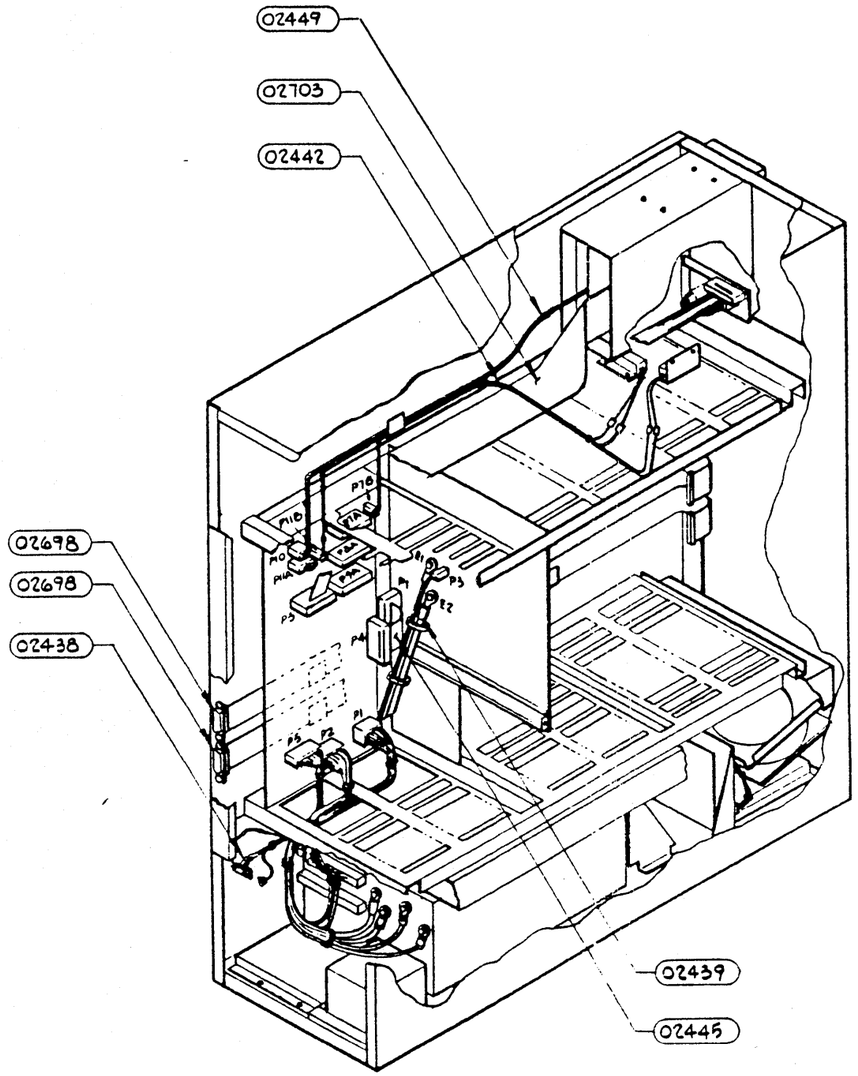
ABETE OPERATIONS PROCEDURE

DOC NUMBER	REV	DESCRIPTION	DATE	SHEET
AD-02452	A	800 FINAL ASSY	1 JULY 1987	1 of 2

APPROVALS

ORIGINATOR	[illegible]	7/6/87	VP OPERATIONS		
DRAFTING BY	A. GREEN		DIR ADV MFG ENGR		
DIR QA	[illegible]	7/31/87	DIR MANUFACTURING	[illegible]	7/4/87
DIR ME/TE	[illegible]	[illegible]	DIR MATERIALS		





ARETE OPERATIONS PROCEDURE				
DOC NUMBER AD-02452	REV A	DESCRIPTION 600 FINAL ASSY	DATE 1 JULY 1987	SHEET 2 of 2

NOTES:

1. FLAT RIBBON CABLE SHOWN ON SHEET 2. WIRING IS 1 TO 1
2. WIRING ON CONSULE AND DIAGNOSTIC CABLE IS 1 TO 1 EXCEPT FOR PIN 26 ON DB 25 CONNECTOR WHICH IS NOT CONNECTED.
3. THESE ITEMS ARE OPTIONAL AND SHOWN HERE FOR REFERENCE ONLY.

10-SLOT MOTHER BOARD 80-00242-00

DT I/F 80-02169-00 [3]

P3 — [3] EXT. DISK

[3] EXT. DISK

P6 — [1][3] 82-02454-00 — TERM [3] D0 — 82-02456-00

P5 — [1][3] 82-02454-00 — [3] D1 — [3] 82-02455-00 (SAME AS P7A) → P8A DISK 1

P4 — [1][3] 82-02454-00 — [3] D2 — [3] 82-02455-00 (SAME AS P7A) → P9A DISK 2

P7 — [1] 82-02441-00

P2 — 82-02703-00 — TAPE DR 1 / TAPE DR 2 — 82-02449-00 → P10 TAPE

P7A DISK 0

BLK	1	+12V
	2	
	3	
	4	
	5	
	6	
	7	+12V
	8	GND
	9	GND
	10	GND
	11	-12V
	12	GND
	13	N/C
	14	GND
	15	GND
	16	GND
	17	+5V
	18	GND
	19	GND
BLK	20	+5V

P10 TAPE

RED	1	+12V
GRY	2	12V RET
BLK	3	5V RET
ORG	4	+5V

P1 — [1] 82-02445-00 → P4 CPU I/F

P2 — 82-02445-00 → P11A

+12V	1	RED	1 +12V
N/C	2		2 N/C
GND	3	BLK	3 12V RET
-12V	4	BLU	4 -12V
N/C	5		5 N/C
N/C	10		6 N/C

P11A

1	+12V
2	N/C
3	12V RET
4	-12V
5	N/C
6	N/C

P3 — [1] 82-02439-00 → TB

+5V	1	ORG	+5V SENSE
GND	2	BLK	5V SENSE RET
		ORG	+5V → E2
	E2	BLK	5V RET → E1
	E1		

CPU PCB

[2] 82-02698-00 — CONSOLE (C)

[2] 82-02698-00 — DIAGNOSTIC (D)

P7B DISK HOT/RTN — 82-02442-00

1	ORG	45°C N C	81-01063-00
2	ORG		

P11B CAGE HOT/RTN

1	RED	60°C N C	81-01064-00
2	RED		

P3 DISPLAY — [1] 82-02443-00 → P1

P2 COM 1 BLK; OFF 2 BLU; ON 3 GRY; RESET 4; COM 5 BLK

DISPLAY P.C.B. 82-02350-00

KEYSWITCH 82-02450-00 (SHOWN OFF; OFF / ON / RESET)

P5 — [1] 82-02444-00 → UPS

N/C	1		1
UPS PRESENT	2	BLU	2
ON BYPASS	3	VIO	3
UPS OFF	4	GRY	4
SHUT. IMM	5	RED	5
AUTO START	6		N/C 6
GND	7	BLK	7
UPS OFF	8	YEL	8
+12V IN	9	RED	9
GND	10	WHT	AUTOSTART
		BLK	MANUAL

UPS/AUTOSTART 82-02438-00

P1 POWER — B — 82-02447-00 — B

P2 CONTROL — A — 82-02778-00 — A

PCL PCB 82-02320-00

CAUTION: TO SELECT AC. LINE VOLTAGE, POSITION SW1 ON THE PCM PCB AND THE VOLTAGE SELECTION LINK ON THE POWER SUPPLY ACCORDING TO THE TABLE BELOW.

INPUT	PCL SW1	LINK
110V	110	115 POSITION
220V	220	230 POSITION

POWER SUPPLY ASSY. 81-02448-00

DETAIL C-C — TO CPU PCB

1	N/C	
2	N/C	
3	CON. TXD	
4	N/C	
5	CON. RXD	
6	N/C	
7	CON. RTS	
8	N/C	
9	CON. CTS	
10	N/C	
11	CON. DSR	
12	N/C	
13	GND	
14	CON. DTR	
15	CON. DCD	
16	N/C	
17	N/C	

DETAIL D-D — TO CPU PCB

1	N/C	
2	N/C	
3	MOD. TXD	
4	N/C	
5	MOD. RXD	
6	N/C	
7	MOD. RTS	
8	N/C	
9	MOD. CTS	
10	N/C	
11	MOD. DSR	
12	N/C	
13	GND	
14	MOD. DTR	
15	MOD. DCD	
16	N/C	
17	N/C	

DETAIL B-B

-12V	1	BLU
+12V	2	VIO
-5V	3	GRY
-12V RET	4	RED
+12V	6	ORG
+5V	6	GRN
CHAS. GND	7	GRY
+12V RET	8	BLK
+5V RET	5	
N/C	10	
+12V RET	11	GRY
+5V RET	12	BLK

82-02447-00 P/O 81-02448-00 POWER SUPPLY ASSY. (14 AWG)

DETAIL A-A

N/C	1	
P.S. MARG. HI	2	RED
XFMR A/B	3	RED
N/C	4	
P.S. MARG. COM.	5	WHT
XFMR COM.	6	BLK
N/C	7	
P.S. MARG. LO	8	BLU
AC. SSR +	9	ORG
N/C	10	
+12V SENSE	11	RED
AC. SSR -	12	WHT
N/C	14	
+12V RET	15	GRY
P.S.A.C. FAIL	16	YEL

82-02778-00 P/O 81-02448-00 POWER SUPPLY ASSY (18 AWG)

BRN	HOT	AC LINE INPUT
BLU	NEUTRAL	* BLUE LEAD IS HOT TO GROUND IN 220 VAC INSTALLATIONS
GRN YEL	GROUND	

DR CINDI HOOPER	25-JUNE-87	NEXT ASSY	APPVD DATE
CK	7-3-87		
ME	3-3-87	REVISIONS	
EE		ARETÉ	
PE			
UNLESS OTHERWISE SPECIFIED		WIRING DIAGRAM SYSTEM 60C FINAL ASSY	
MATERIALS / FINISHES			
DIMENSIONS IN / TOLERANCE		SCALE NONE	DWG NO WD-02452-00

TAPE DRIVE
82-02703-00

1	GND
2	N/C
3	GND
4	N/C
5	GND
6	N/C
7	GND
8	N/C
9	GND
10	N/C
11	GND
12	TAPE.HB7
13	GND
14	TAPE.HB6
15	GND
16	TAPE HB5
17	GND
18	TAPE.HB4
19	GND
20	TAPE.HB3
21	GND
22	TAPE.HB2
23	GND
24	TAPE.HB1
25	GND
26	TAPE.HB0
27	GND
28	TAPE.CNL
29	GND
30	TAPE.REQ
31	GND
32	TAPE.RST
33	GND
34	TAPE.XFR
35	GND
36	TAPE.ACK
37	GND
38	TAPE.RDY
39	GND
40	TAPE.EXC
41	GND
42	TAPE.DIR
43	GND
44	N/C
45	GND
46	N/C
47	GND
48	N/C
49	GND
50	N/C

DISK DRIVE
82-02441-00

1	TAG.1.L.
2	TAG.1.H.
3	TAG.2.L.
4	TAG.2.H.
5	TAG.3.L.
6	TAG.3.H.
7	BUS.0.L.
8	BUS.0.H.
9	BUS.1.L.
10	BUS.1.H.
11	BUS.2.L.
12	BUS.2.H.
13	BUS.3.L.
14	BUS.3.H.
15	BUS.4.L.
16	BUS.4.H.
17	BUS.5.L.
18	BUS.5.H.
19	BUS.6.L.
20	BUS.6.H.
21	BUS.7.L.
22	BUS.7.H.
23	BUS.8.L.
24	BUS.8.H.
25	BUS.9.L.
26	BUS.9.H.
27	OPEN.CABLE.DETECT.L
28	OPEN.CABLE.DETECT.H
29	STATUS.3.L.
30	STATUS.3.H.
31	STATUS.2.L.
32	STATUS.2.H.
33	STATUS.1.L.
34	STATUS.1.H.
35	STATUS.6.L.
36	STATUS.6.H.
37	STATUS.0.L.
38	STATUS.0.H.
39	STATUS.5.L.
40	STATUS.5.H.
41	BUSY.L
42	BUSY.H
43	UNIT.SELECT.TAG.L.
44	UNIT.SELECT.TAG.H.
45	UNIT.SELECT.1.L.
46	UNIT.SELECT.1.H.
47	UNIT.SELECT.2.L.
48	UNIT.SELECT.2.H.
49	STATUS.7.L
50	STATUS.7.H
51	UNIT.SELECT.4.L
52	UNIT.SELECT.4.H
53	TAG.5.L
54	TAG.5.H
55	STATUS.4.L
56	STATUS.4.H
57	POWER.SEQUENCE./PICK
58	POWER.SEQUENCE.HOLD
59	TAG.4.L
60	TAG.4.H

CPU I/F
82-02445-00

1	MASTER RESET
2	MASTER RUNNING
3	
4	P/S. CTL. Ø
5	
6	P/S. CTL. 1
7	
8	ALT. REG. SEL (P.U.)
9	
10	N/C
11	
12	P/S. STAT. 5 (INT AC FAIL)
13	
14	P/S. STAT. 4
15	
16	P/S. STAT. 3
17	
18	P/S. STAT. 2 (AUTO START)
19	
20	P/S. STAT. 1 (LOGIC VERY HOT)
21	
22	P/S. STAT. Ø
23	
24	CPU. AC.FAIL (EXT. AC FAIL)
25	
26	N/C
	GND

DISPLAY
82-02443-00

1	GRN LED -
2	LED +
3	AMB LED -
4	K.S. COM
5	K.S. OFF
6	K.S. ON
7	K.S. RES
8	N/C
9	
10	
11	
20	N/C

DISK DRIVE
82-02454-00

1	GND
2	DRV.O.IF.WRITE.CLOCK.H
3	DRV.O.IF.WRITE.CLOCK.H
4	GND
5	DRV.O.READ DATA.L
6	DRV.O.READ DATA.H
7	GND
8	DRV.O.READ.CLOCK.H
9	DRV.O.READ.CLOCK.L
10	GND
11	DRV.O.WRITE.CLOCK.L
12	DRV.O.WRITE.CLOCK.H
13	GND
14	DRV.O.WRITE.DATA.H
15	DRV.O.WRITE.DATA.L
16	GND
17	DRV.O.UNIT.SELECTED.H
18	DRV.O.UNIT.SELECTED.L
19	DRV.O.SEEK.END.L
20	DRV.O.SEEK.END.H
21	GND
22	N/C
23	N/C
24	GND
25	N/C
26	N/C

DR C. HOOPER 21 JUL 87
CK
ME P
EE
PE

UNLESS OTHERWISE SPECIFIED

MATERIALS | FINISHES

DIMENSIONS IN | TOLERANCE

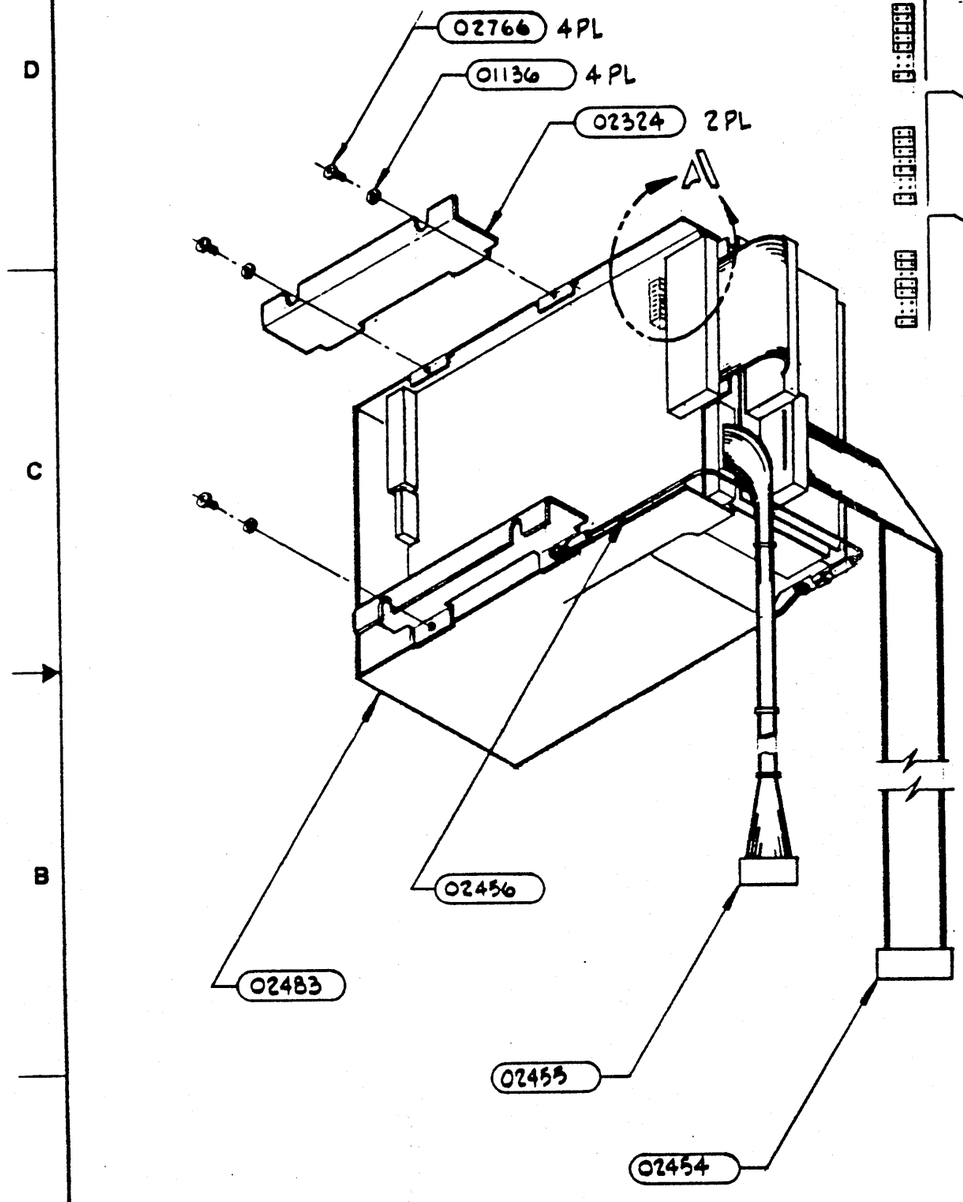
NEXT ASSY | APPVD | DATE

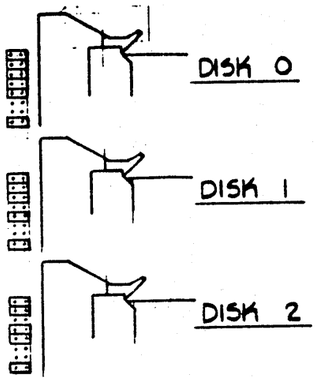
REVISIONS

ARETÉ

WIRING DIAGRAM
SYSTEM ROC FINAL ASSY

SCALE NONE | SHT 2 OF 2 | DWG NO WD-02452-00 | 1





DETAIL A1

AD-02453 A

REVISION HISTORY

A	26 JUNE 1987	INITIAL RELEASE--PRELIMINARY

REFERENCE DOCUMENTS

1. PR-99123 TORQUE REQUIREMENTS
2. LM-02453-00 LIST OF MATERIALS,ASSY DISK DRIVE 800

ASSEMBLY INSTRUCTIONS

1. Connect disk ground cable (82-02456-00) to tab on 170 MB disk drive (28-02483-00) as shown.
2. Fasten disk drive brackets (51-02324) using 4 X 8MM screws (36-02766-01) and #8 split lock washers (36-01136). The other end of the disk ground cable is fastened to a bracket as shown.
3. Connect disk drive control cable (82-02454-00) and disk drive power cable (82-02455-00) to drive.

SEE SHEET 2 FOR INSTALLATION

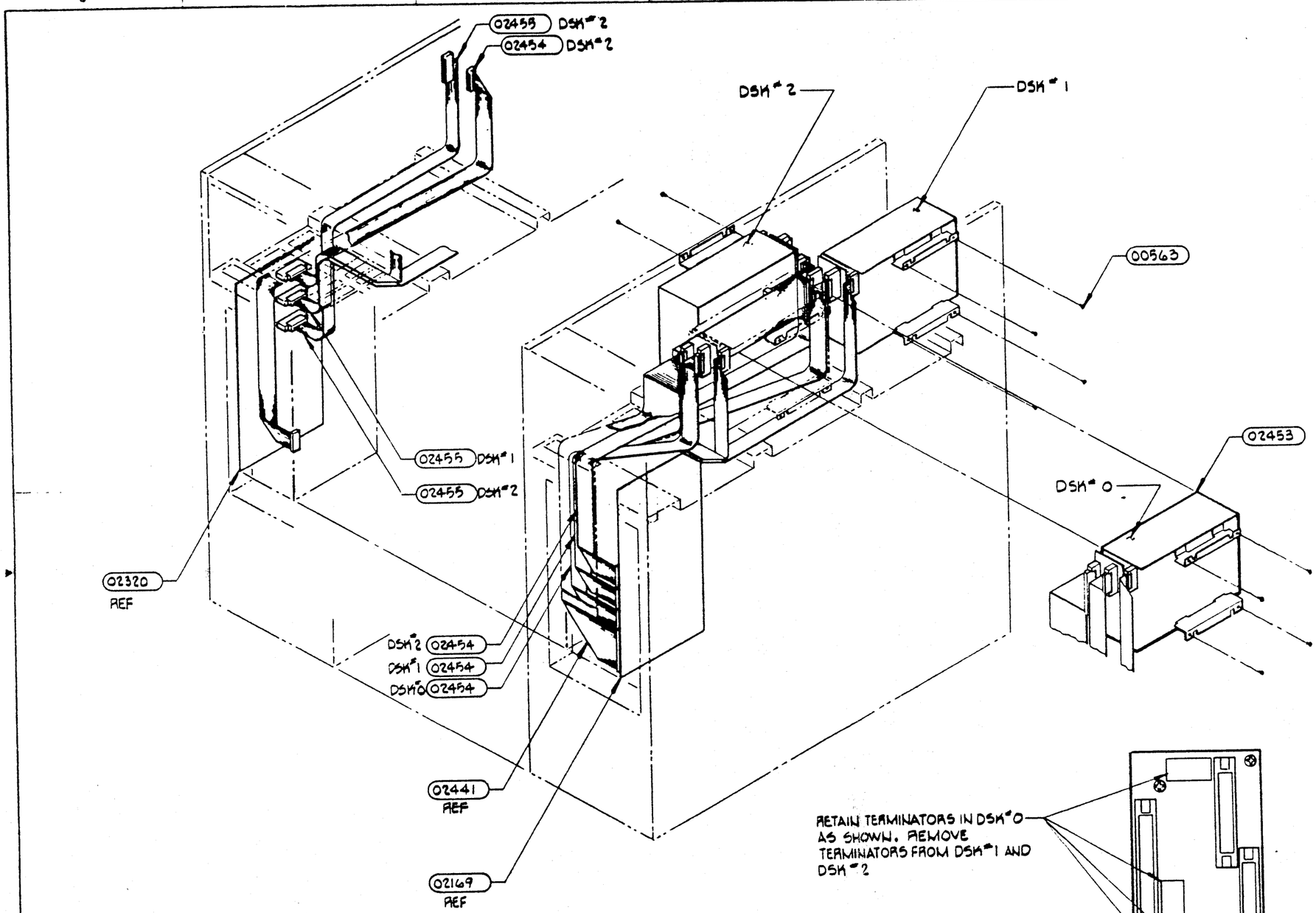
ARETE OPERATIONS PROCEDURE

DOC NUMBER	REV	DESCRIPTION	DATE	SHEET
AD-02453	A	ASSY,DISK DRIVE,800	26 JUNE 1987	1 of 2

APPROVALS

ORIGINATOR	J. FITZPATRICK	6/26/87	VP OPERATIONS		
DRAFTING BY	A. GREEN	6/26/87	DIR ADV MFG ENGR		
DIR QA		7/31/87	DIR MANUFACTURING		7/31/87
DIR ME/TE	P. Nolan	7/31/87	DIR MATERIALS		

SHT. 2 "D" SIZE



INSTALLATION INSTRUCTIONS

4. Before installation, the drive must be properly terminated and address strapped according to the table 1 configuration below (also see detail A and B):

OPTION		CONFIGURATION		CONNECTIONS	
DRIVE	NAME	TERMINATORS	ADDRESS	PWR CTRL BD	DT/IF BD
first	DISK1	retained	DSK0	P7A	P5
second	DISK2	removed	DSK1	P8A	P4
third	DISK3	removed	DSK2	P9A	P3

table 1

DIP terminators are retained only for DSK0. They are removed for the other positions (detail B). See detail A for proper address strapping.

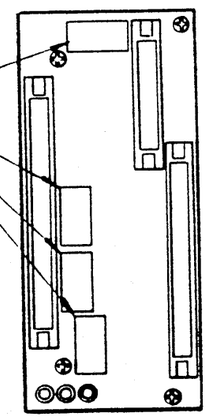
5. Determine proper location for each drive installed as shown, and fasten to the frame using four 8-32 X 3/8 screws (36-00563).

6. Connect daisy chain cable (82-02241-00) to drive as shown.

7. Connect free end of the disk drive power cable (82-02455-00) to the power control board as shown (see table 1 connections).

8. Connect free end of the disk drive control cable (82-02454-00) to the DT/interface as shown (see table 1 connections).

END



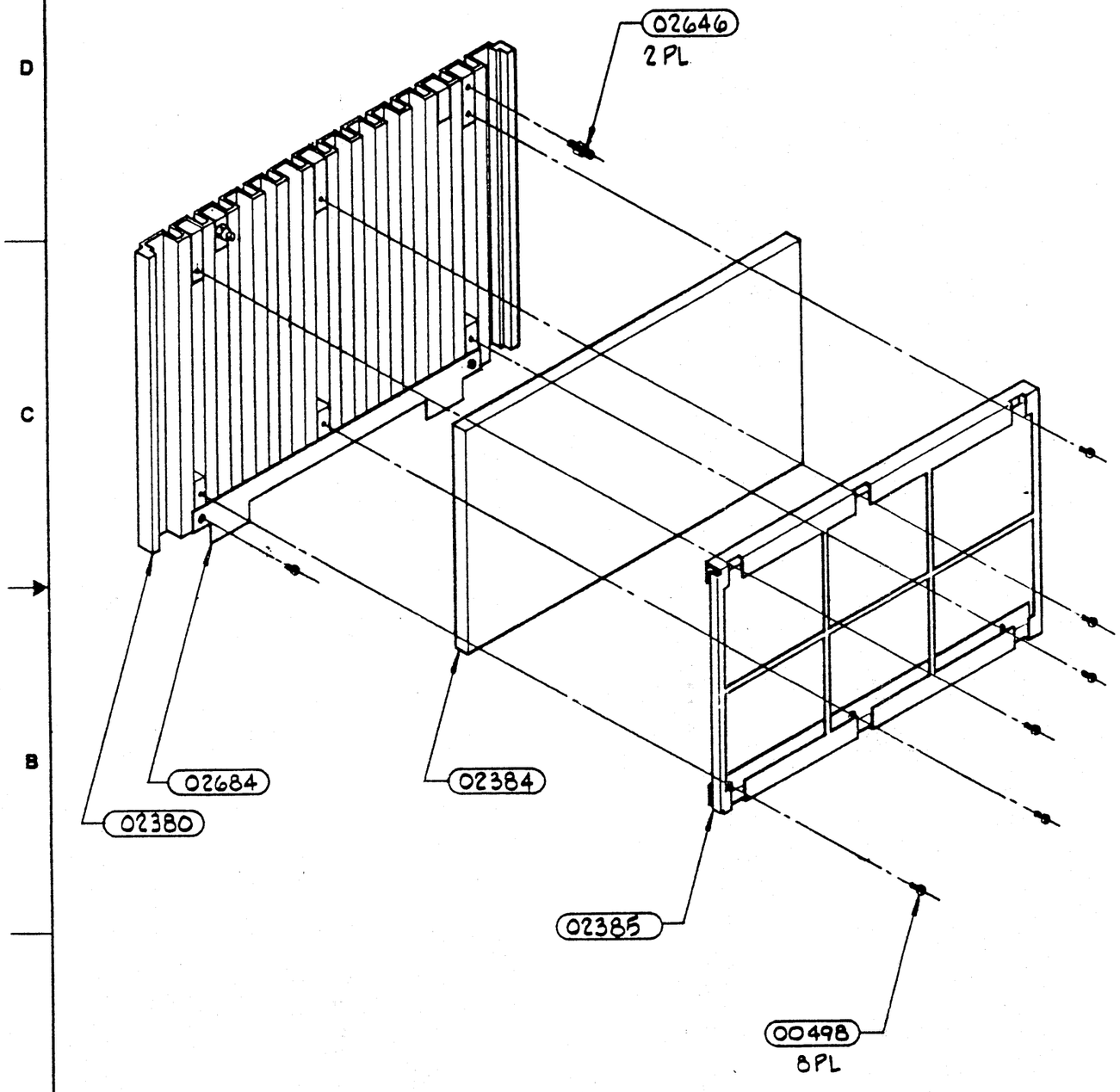
RETAIN TERMINATORS IN DSK#0 AS SHOWN. REMOVE TERMINATORS FROM DSK#1 AND DSK#2

DETAIL B

ARETE OPERATIONS PROCEDURE

DOC NUMBER	REV	DESCRIPTION	DATE	SHEET
AD-02453	A	ASSY,DISK DRIVE,800	26 JUNE 1987	2 of 2

SHT. 1 'C' SIZE



REVISION HISTORY

AD-02701-XX A

A	25 JUNE 1987	INITIAL RELEASE--PRELIMINARY

REFERENCE DOCUMENTS

1. PR-99123 TORQUE REQUIREMENTS
2. LM-02701-XX LIST OF MATERIALS,ASSY GRILLE W/AIR FILTER (all color options)

ASSEMBLY INSTRUCTIONS

1. Fasten ball studs (36-02646-01) to grille (52-02380-XX)
2. Fasten grille plate (51-02684-00) to grille using two 6-32 X 1/4 screws (36-00498).
3. Put foam filter (51-02384-01) in place on grille and fasten support bracket (51-02385-00) over it with six 6-32 X 1/4 screws.

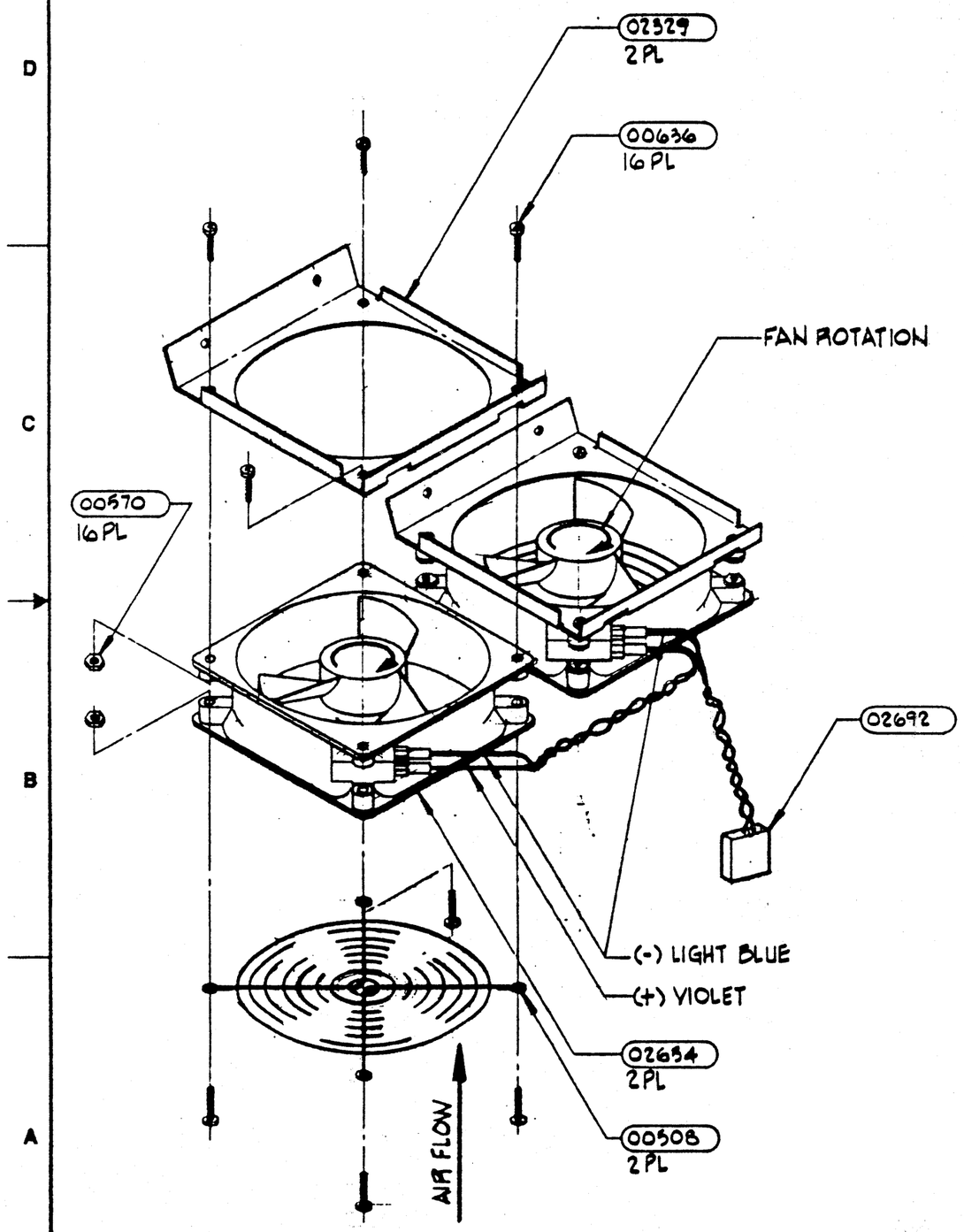
END

ARETE OPERATIONS PROCEDURE

DOC NUMBER	REV	DESCRIPTION	DATE	SHEET
AD-02701-XX	A	ASSY,GRILLE,W/AIR FILTER,800	25 JUNE 1987	1 of 1

APPROVALS

ORIGINATOR	J FITZPATRICK 6/26/87	VP OPERATIONS	
DRAFTING BY	A. GREEN 6/26/87	DIR ADV MFG ENGR	
DIR QA	7/31/87	DIR MANUFACTURING	7/31/87
DIR ME/TE	7/31/87	DIR MATERIALS	



REVISION HISTORY AD-02702 A

A 25 JUNE 1987 INITIAL RELEASE--PRELIMINARY

REFERENCE DOCUMENTS

1. PR-99123 TORQUE REQUIREMENTS
2. LM-02702-00 LIST OF MATERIALS,ASSY FAN INTAKE DUAL

ASSEMBLY INSTRUCTIONS

1. Fasten finger guards (27-00508) to both fans (27-02654-01) using 6-32 X 3/4 screws (36-00636) and #6 nuts (36-00570) as shown. Observe air flow orientation--match arrow on drawing to small arrow on fan.
2. Fasten fan mounts (51-02329), using same hardware, to the opposite sides of the fans. Observe connector terminal orientation as shown.
3. Connect fan power cable (82-02692-00) to fan terminals as shown. Observe polarity--else fans will turn in wrong direction.

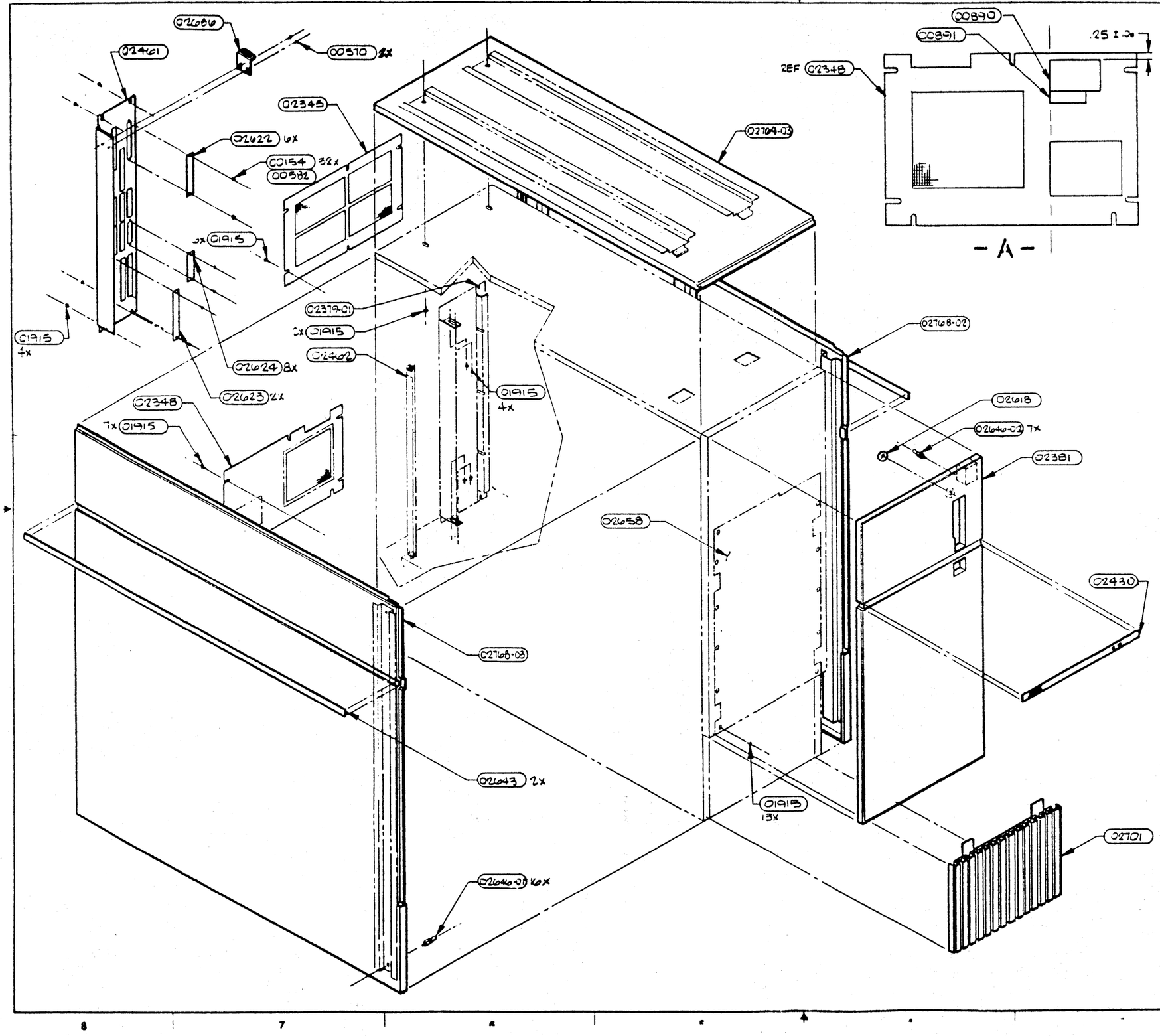
END

ARETE OPERATIONS PROCEDURE

DOC NUMBER	REV	DESCRIPTION	DATE	SHEET
AD-02702	A	ASSY,DUAL INTAKE FAN,800	25 JUNE 1987	1 of 1

APPROVALS

ORIGINATOR	J FITZPATRICK	6/25/87	VP OPERATIONS		
DRAFTING BY	A HAGEN	6/25/87	DIR ADV MFG ENGR		
DIR QA		7/21/87	DIR MANUFACTURING		7/31/87
DIR ME/TE		7/31/87	DIR MATERIALS		



REVISION HISTORY

A 7 JULY 1987 INITIAL RELEASE--PRELIMINARY

REFERENCE DOCUMENTS

1. PR-99123 TORQUE REQUIREMENTS
2. LM-02807-XX LIST OF MATERIALS,COVER KIT 800
3. WD-02807 WIRING DIAGRAM,COVER KIT 800

ASSEMBLY INSTRUCTIONS

1. Fasten ball stud fasteners (36-02646-01) and affix trim strips (52-02643-00) to side panels (51-02768), and snap them into place as shown.
2. Install top cover (51-02769-XX) by inserting the two tabs at the front end of the hat sections into the cutouts in the top shield, and fastening with two 6-32 X 3/8 screws (36-01915).
3. Snap grille assembly (81-02701-00) in place on system.
4. Fasten pcb access shield (51-02658-00) to frame with thirteen 6-32 X 3/8 screws (36-01915).
5. To front panel (52-02381-XX), affix tape drive indicator window (52-02618-00), fasten ball stud fasteners (36-02646-02), and affix logo strip (52-02430-XX). Now snap front panel into place.
6. Affix label set as shown to lower exhaust panel (51-02348-00), and fasten in place on the system using seven 6-32 X 3/8 screws (36-01915).
7. Fasten upper exhaust panel (51-02345-00) to system using six 6-32 X 3/8 screws (36-01915).
8. To I/O connector panel (51-02461-00), fasten cover plates (51-02622,23,24) using two each 4-40 X 3/8 screws (36-00582) and 64 nuts (36-01154), and panel bracket (51-02682-00) using two 86 nuts (36-00570). Now install panel in place at rear of system using eight 6-32 X 3/8 screws (36-01915). I/O connector panel is normally installed left hole positions. Blank I/O plate (51-02379-00) is installed when DT/IF board is not used, and I/O connector panel is shifted to the right to make room.
9. Install blank pcb retaining plates (51-02462-00) in empty I/O slots as required.

END

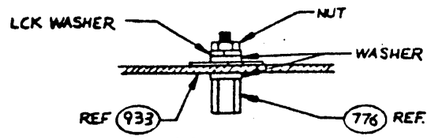
ARETE OPERATIONS PROCEDURE				
DOC NUMBER AD-02807	REV A	DESCRIPTION COVER KIT 800	DATE 7 JULY 1987	SHEET 1 of 1

APPROVALS

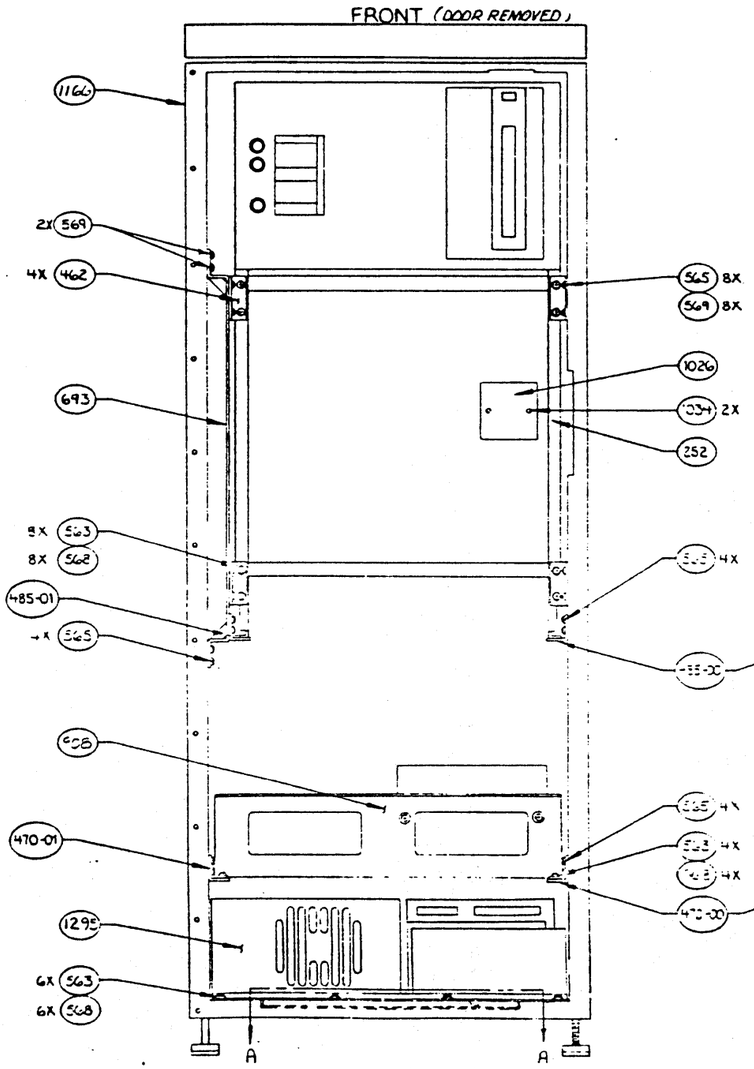
ORIGINATOR	J.PATTERSON	7/1/87	VP OPERATIONS		
DRAFTING BY	A.ARDEN	7/1/87	DIR ADV MFG ENGR		
DIR QA		7/1/87	DIR MANUFACTURING		7/1/87
DIR ME/TE		7/1/87	DIR MATERIALS		

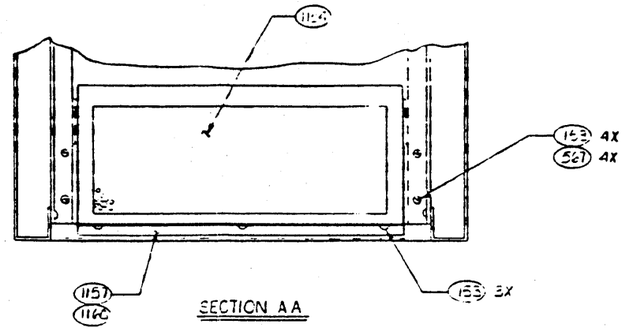
DWG NO 10-00968 | SHT 1 | REV F

REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
B	MF	4 MAR 85	PRODUCTION RELEASE PER ECO 0184	[illegible]	3-26-85
C	PEA	4 OCT 85	REVISED PER ECO 0293	[illegible]	[illegible]
D	CC	1-8-86	DESIGN CHANGE PER ECO 0370	[illegible]	1/30/86
E	CC	4-7-86	REVISED PER ECO 0422	[illegible]	4 11 86
F	CC	4-18-86	REVISED PER ECO 0454	[illegible]	4 23 86

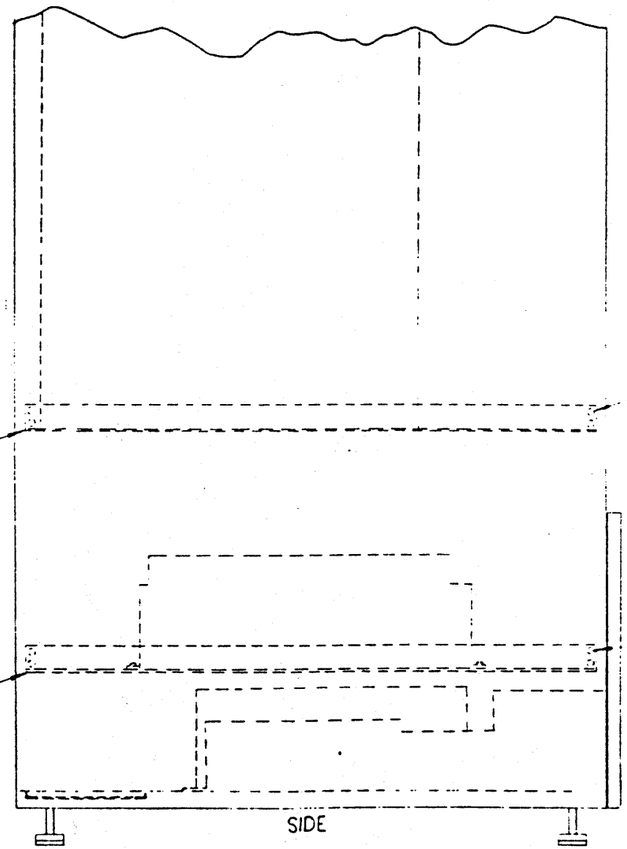


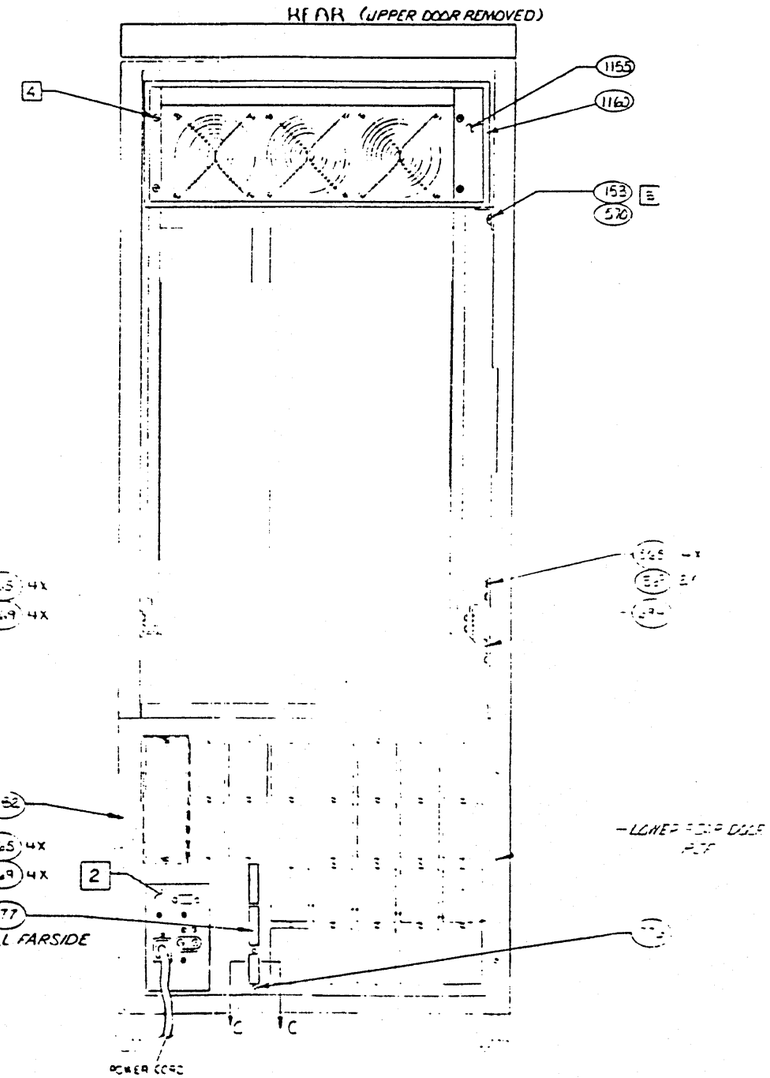
SECTION C-C
SCALE: 2X
MTG HOLES SUPPLIED WITH KIT
2 PLACES





SECTION AA





NOTES:

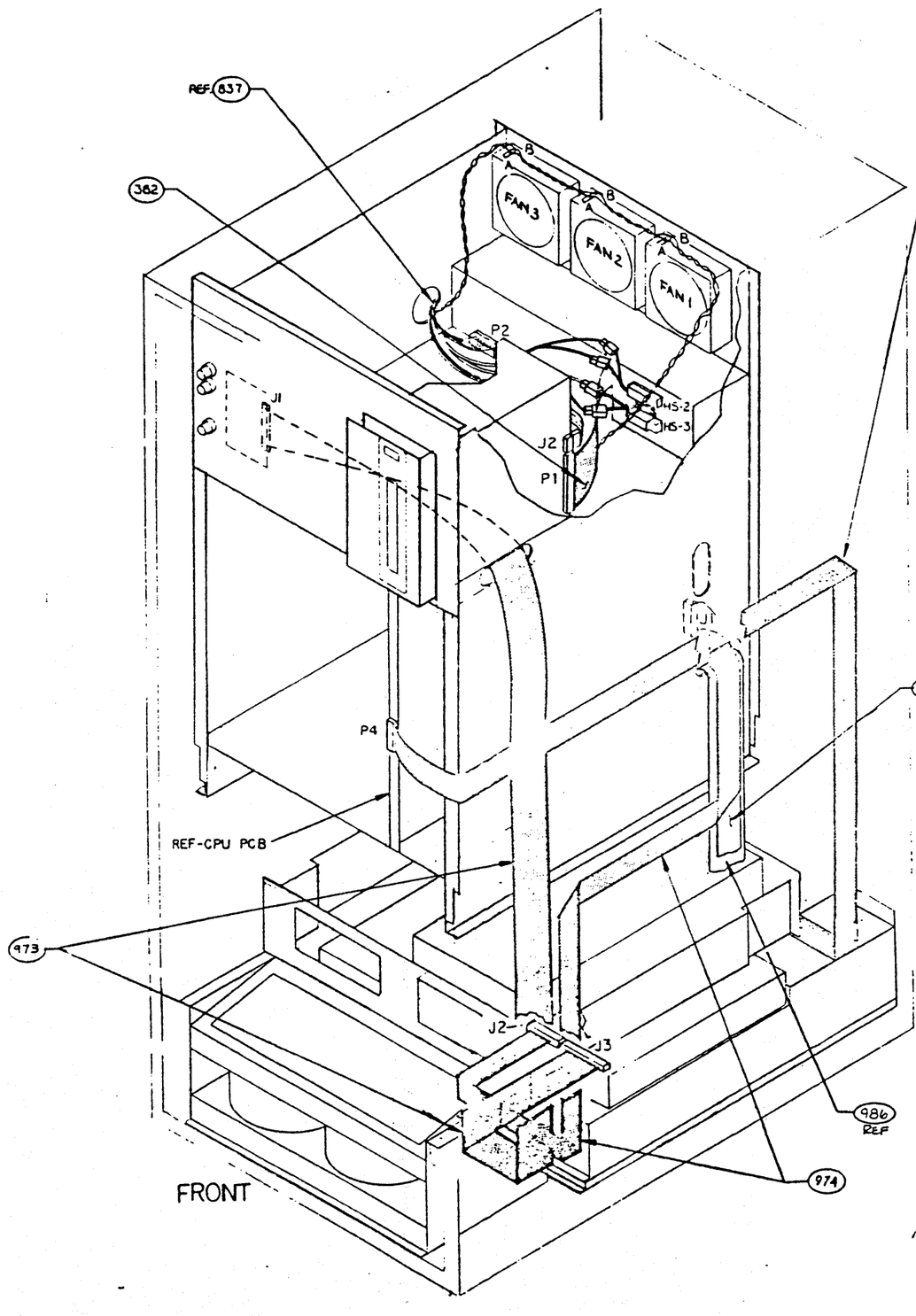
1. FOR FASTENER TORQUE SPECIFICATIONS. SEE PR-71065
2. SEE ZONE B3 — THIS SURFACE OF A.C. DIST./PWR SUPPLY ASS'Y TO BE FLUSH WITH OUTSIDE CORNER OF CABINET.
3. BEST METHOD OF HARNESS/CABLE ROUTING/DRESSING TO BE DETERMINED BY MFG.. SECURE HARNESS/CABLES USING CABLE TIE (591), CABLE TIE MOUNT (598) OR FLAT CABLE CLAMP (767) WHERE NEEDED. FOR PROTECTION AGAINST SHARP EDGES, USE GROMMET STRIP (591) OR (740) WHERE NEEDED.
4. USE EXISTING HARDWARE (4 PLCS)
5. USE PLENUM TAB AS A LOCATOR FOR DRILLING A .156 DIA HOLE IN CABINET.

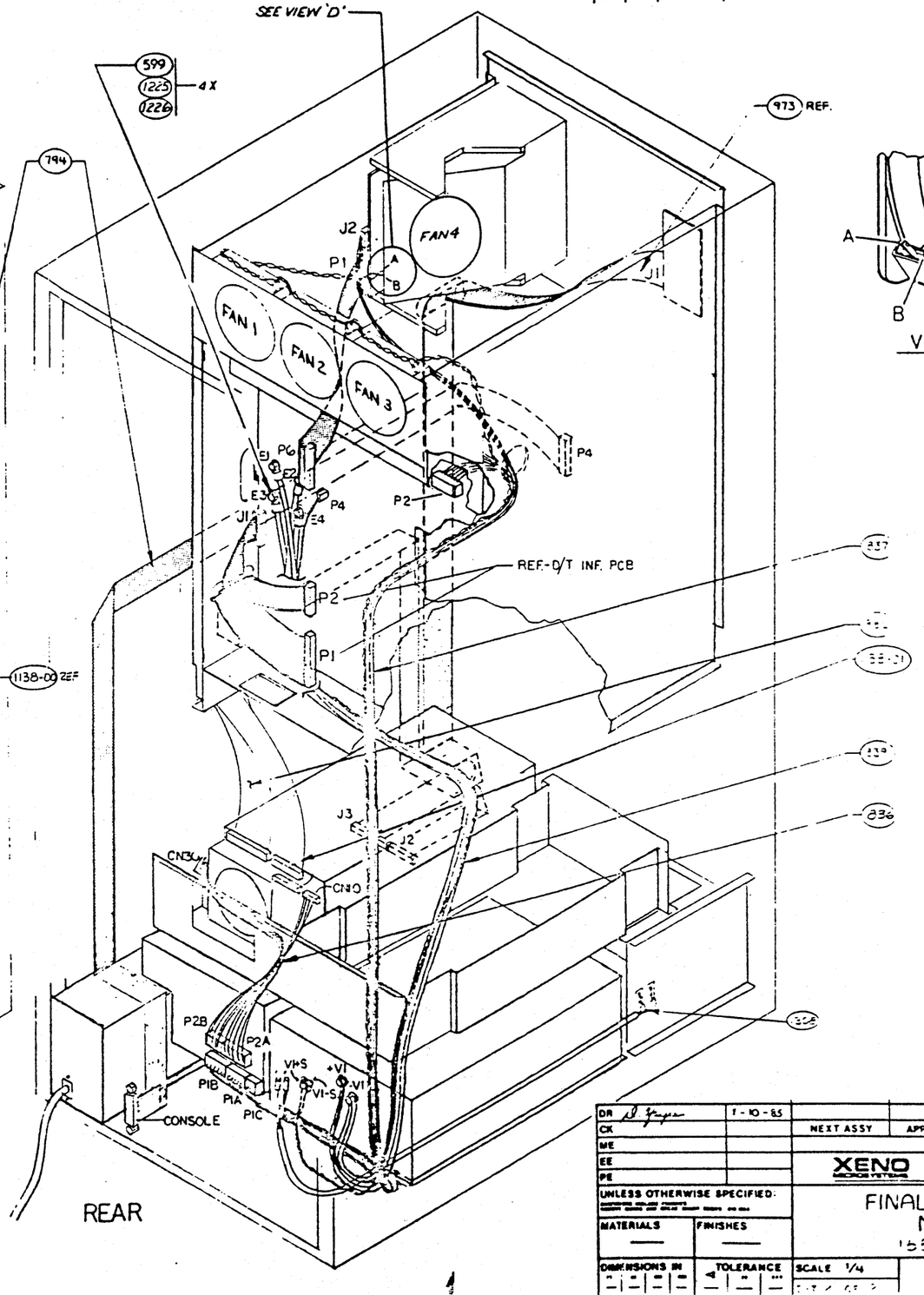
DR S Sayre 4-18-86					
CK		NEXT ASSY	APPVD	DATE	PR. DCN	REV
ME		REVISIONS				
EE		XENO				
PE						
UNLESS OTHERWISE SPECIFIED		FINAL ASSEMBLY, MAXI, 168 MB			
MATERIALS	FINISHES				
DIMENSIONS IN	TOLERANCE	SCALE -	DWG NO 10-00968	REV F
		SHT 1 OF 1		

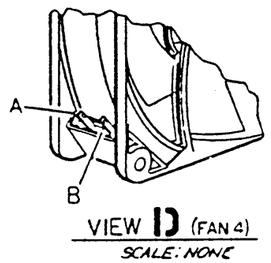
DWG NO. AD 00968	SHT 2	REV F

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE







DR	7-10-85						
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV	
ME		REVISIONS					
EE		XENO					
PE							
UNLESS OTHERWISE SPECIFIED:		FINAL ASSEMBLY, MAXI, 15" M3					
MATERIALS	FINISHES						
DIMENSIONS IN	TOLERANCE	SCALE 1/4	DWG NO. AD-00968				REV F

REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	
A	MF	REMARKS	PRODUCTION RELEASE PER ECO 0188	[illegible]	[illegible]
B	PEA	1 JUL 85	DESIGN CHANGE PER ECO 0237	[illegible]	[illegible]
C	MM	8AUG86	REVISED PER ECO 0474	[illegible]	[illegible]

POWER SEQUENCE PCB ASSY
(USED WITH 337 MB ONLY)

P1 P2

DISK DRIVE 3 ASSY

DISK DRIVE 3 OPTION

CN10 CN9 CN2 CN1

FAN

MS

82-01062

82-01039

82-00691

D/D BRACKET

DISK DRIVE 4 ASSY

DISK DRIVE 4 (OPTION)

82-00382

82-01138-01

82-01138-00

82-00985

DISK DRIVE 1 ASSY

DISK DRIVE 1 (OPTION)

CN6

DISK DRIVE 2 ASSY

DISK DRIVE 2 (OPTION)

82-00839

82-00374

MOTHER BD

E1 E2 E3 E4

J1

82-00839

82-00374

CONSOLE

REAR DOOR

82-00836

82-00836 (168 MB)
82-01878 (337 MB)

82-00836 (168 MB)
82-01878 (337 MB)

AC/DIST POWER SUPPLY ASSY

POWER CONTROL B2

J3 J2 P3 P2

82-01024

A/C PANEL

POWER SUPPLY

82-01037

82-00836

82-00837

82-00832

82-01063

82-01064

TAPE DRIVE

DISPLAY E2

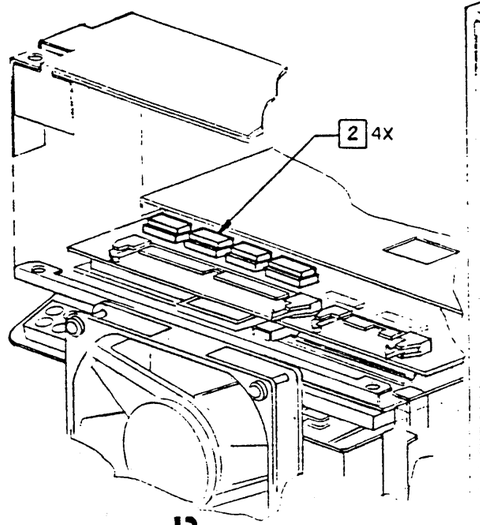
FAN

LEGEND

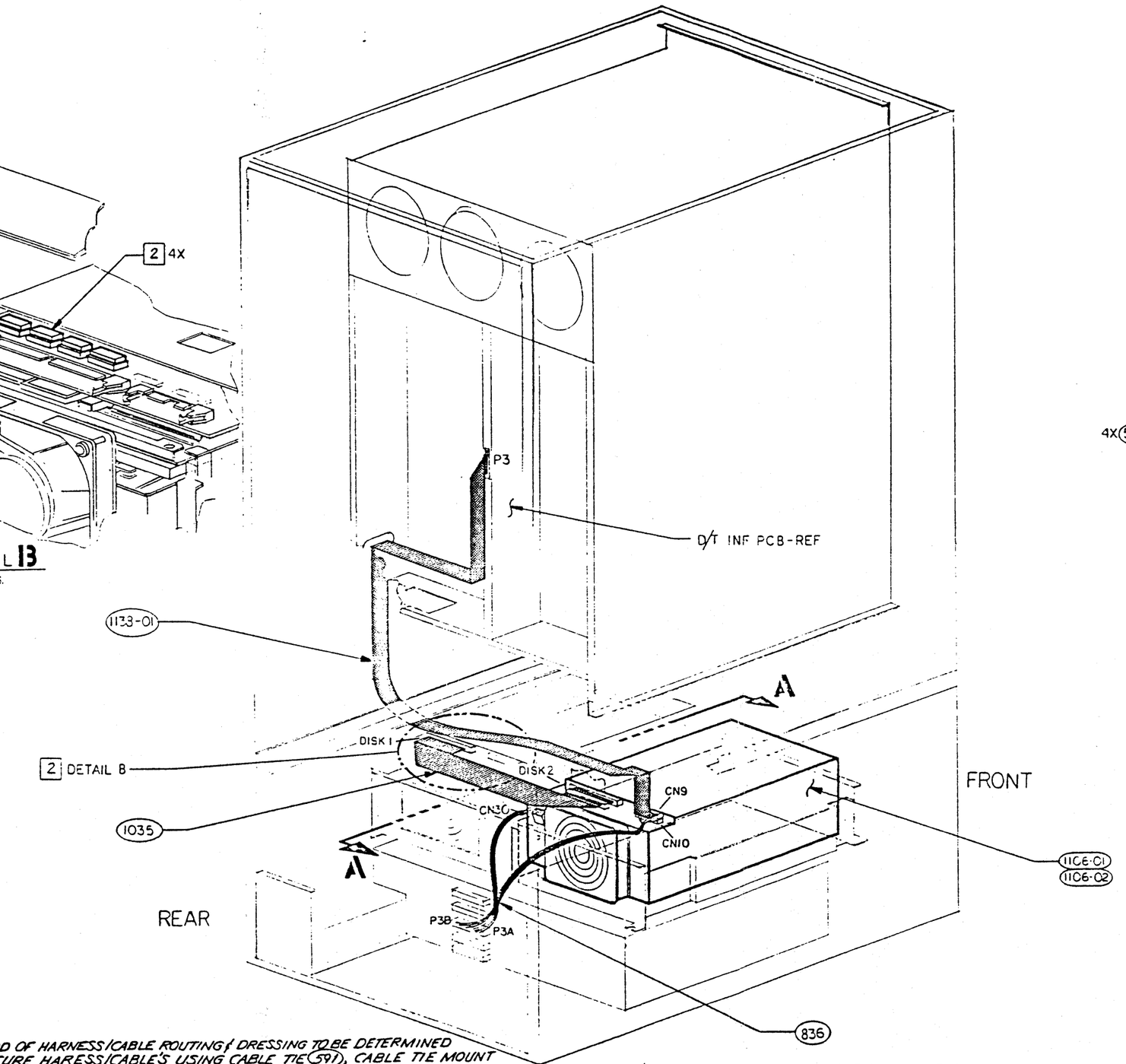
1ST DISK DRIVE (OPTION)
2ND DISK DRIVE (OPTION)
3RD DISK DRIVE (OPTION)
4TH DISK DRIVE (OPTION)

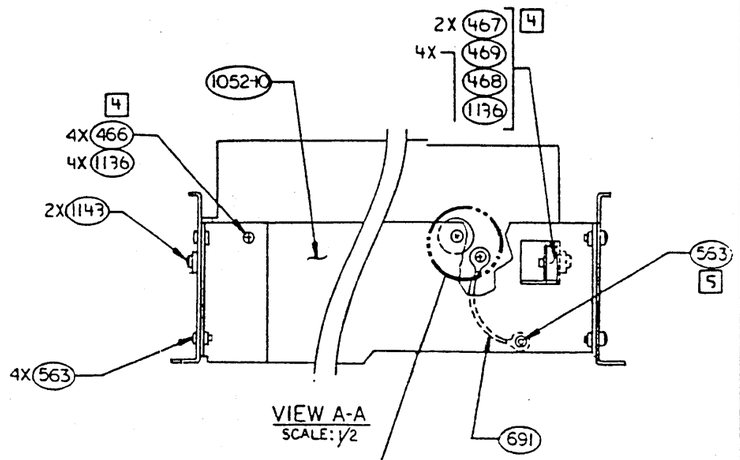
MAIN WIRING DIAGRAM
VAX

REVISIONS					
REV	BY	DATE	DESCRIPTION	APP'VD	DATE
A	MF	14 MAR 85	PRODUCTION RELEASE PER ECO Ø184		8-26-85
B	MF	22 MAY 85	REVISED PER ECO Ø241		5/25/85
C	RP	20 FEB 86	REVISED PER ECO 0353		3-21-86
D	CC	3-18-86	REVISED PER ECO CARD		4-3-86
E	RD	30 JUNE 86	REVISED PER ECO 0483		7-15-86

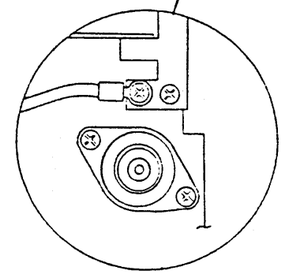


DETAIL 13
N.T.S.





VIEW A-A
SCALE: 1/2



TABULATION BLOCK	
DASH NO.	DISK DRIVE
-01	168MB
-02	337MB

NOTES:
1. BEST METHOD OF HARNESS/CABLE ROUTING/ DRESSING TO BE DETERMINED BY MFG.. SECURE HARESS/CABLES USING CABLE TIE (591), CABLE TIE MOUNT (588) OR FLAT CABLE CLAMP (767) WHERE NEEDED.
2. REMOVE TERMINATORS (SHOWN IN DETAIL 'B') IN 1ST DISK DRIVE.
3. TORQUE REQUIREMENTS : SEE PS-99065.
4. ADD LOCTITE ARETE P/N 04-01137 TO INDICATED SCREW THREADS. (8 PL)
5. TORQUE TO 15±1 IN/LBS.

5. SET DISK ADDRESS WITH THE THREE KEYS ON SW1 LOCATED ON TOP OF DISK DRIVE AS SHOWN.

DISK ADDRESS	KEY 1	KEY 2	KEY 3
1	ON	OFF	OFF

R. PHILLIPS				
NEXT ASSY	APP'D	DATE	PR DCN	REV
REVISIONS				

XENO

UNLESS OTHERWISE SPECIFIED
MATERIALS / FINISHES
TOLERANCE

KIT, DISK DRIVE, 2ND, MAXI, 168/337MB

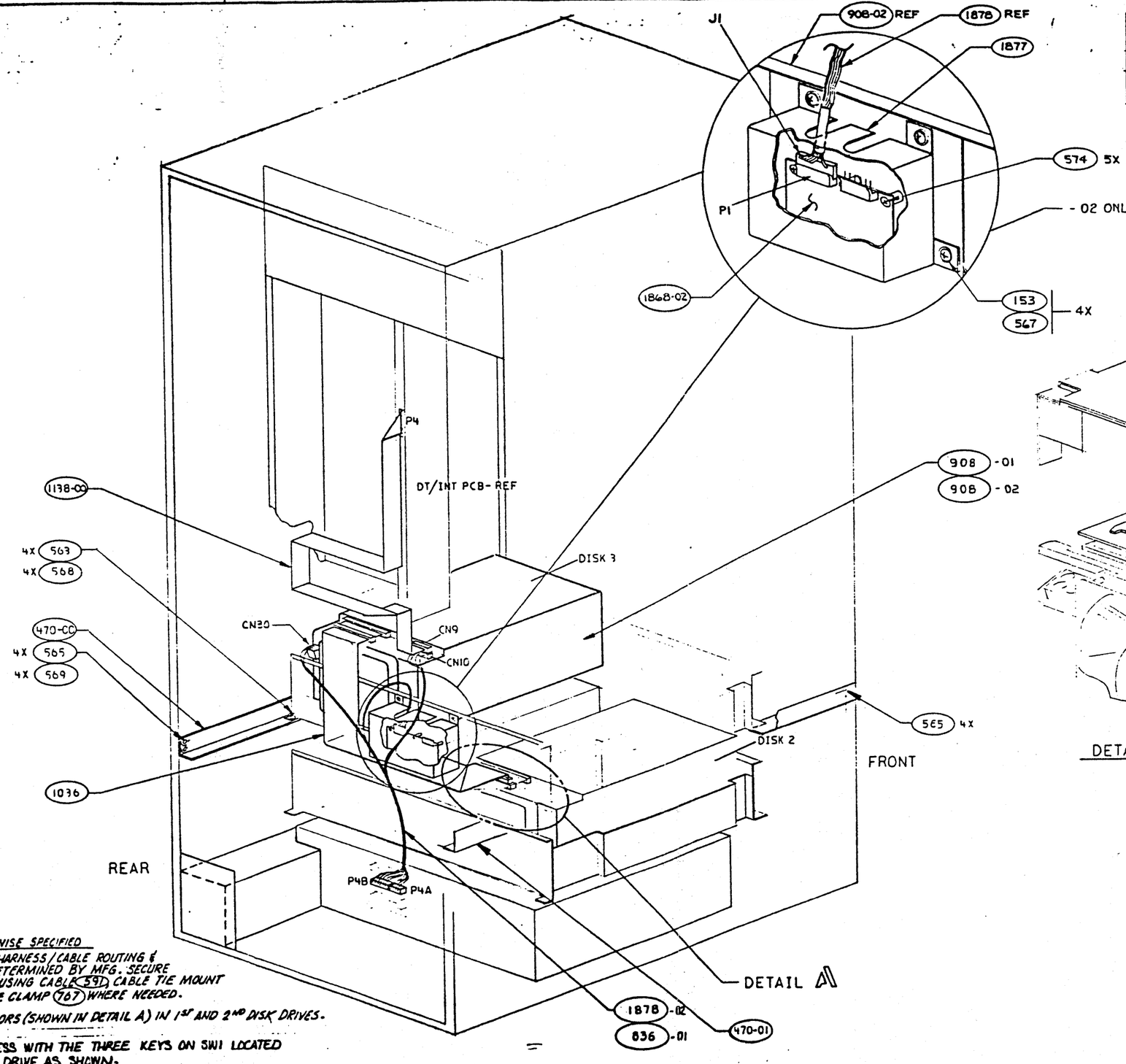
SCALE 1/4 | SHT 1 OF 1 | DWG NO. AD-00978-XX | REV E

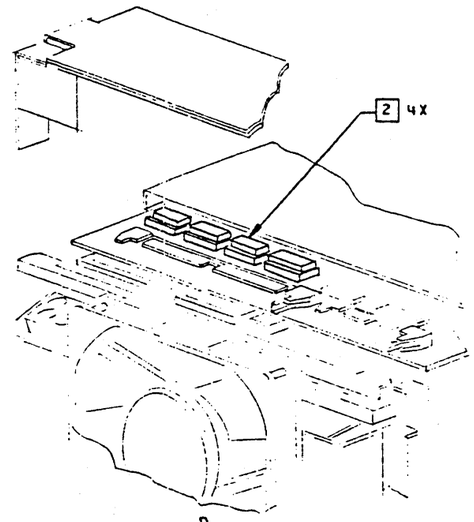
88 00978 XX

DWG NO. AD-01139-XX	SHT 1	REV D

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	MF	13 MAR 85	PRODUCTION RELEASE PER ECO 0184	[illegible]	3-25-85
B	RD	30 JUNE 86	REVISED PER ECO 0483	[illegible]	7-25-86
C	MM	8 AUG 86	REVISED PER ECO 0474	[illegible]	8/8/86
D	LE	4-2-87	REVISED PER ECO # 0752	[illegible]	4/7/87





DETAIL A

TABULATION BLOCK	
DASH NO.	DISK DRIVE
-01	168 MB
-02	337 MB

NOTES: UNLESS OTHERWISE SPECIFIED

1. BEST METHOD OF HARNESS/CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG. SECURE HARNESS/CABLES USING CABLE (591) CABLE TIE MOUNT (598) OR FLAT CABLE CLAMP (767) WHERE NEEDED.

[2] REMOVE TERMINATORS (SHOWN IN DETAIL A) IN 1ST AND 2ND DISK DRIVES.

3. SET DISK ADDRESS WITH THE THREE KEYS ON SW1 LOCATED ON TOP OF DISK DRIVE AS SHOWN.

DISK ADDRESS	KEY 1	KEY 2	KEY 3
2	OFF	ON	OFF

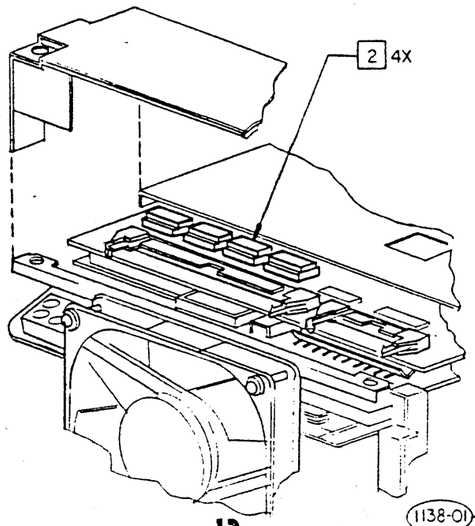
DR MFOURAKER 2-22-85					
CK	NEXT ASSY	APPVD	DATE	PR DCN	REV
ME	REVISIONS				
EE	XENO				
FE					
UNLESS OTHERWISE SPECIFIED:	KIT, DISK DRIVE, 3RD, MAXI, 168/337 MB				
MATERIALS / FINISHES					
DIMENSIONS IN / TOLERANCE	SCALE NONE	SHT 1 OF 1	DWG NO. AD-01139-XX	REV D	

XX-01139-AD

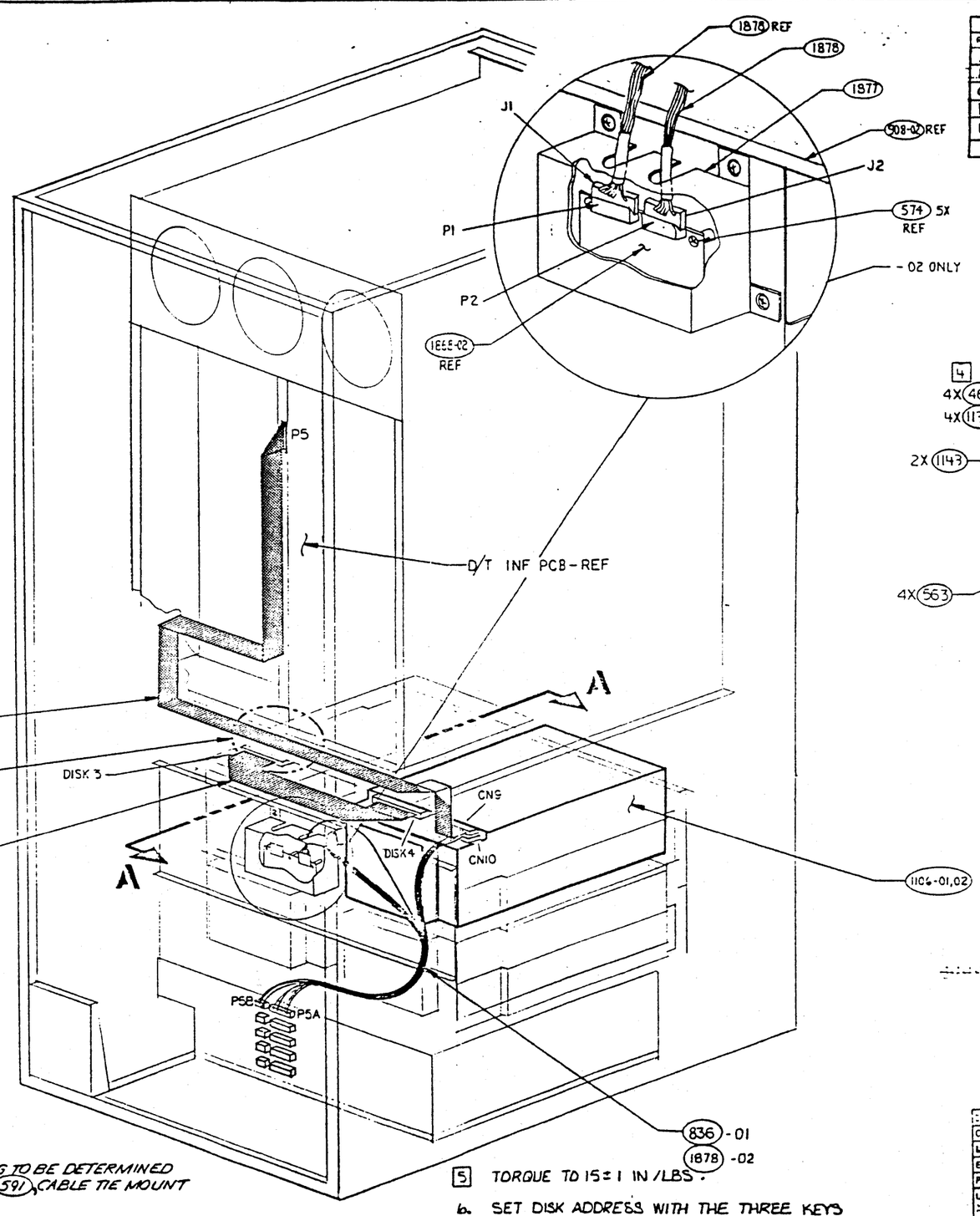
A

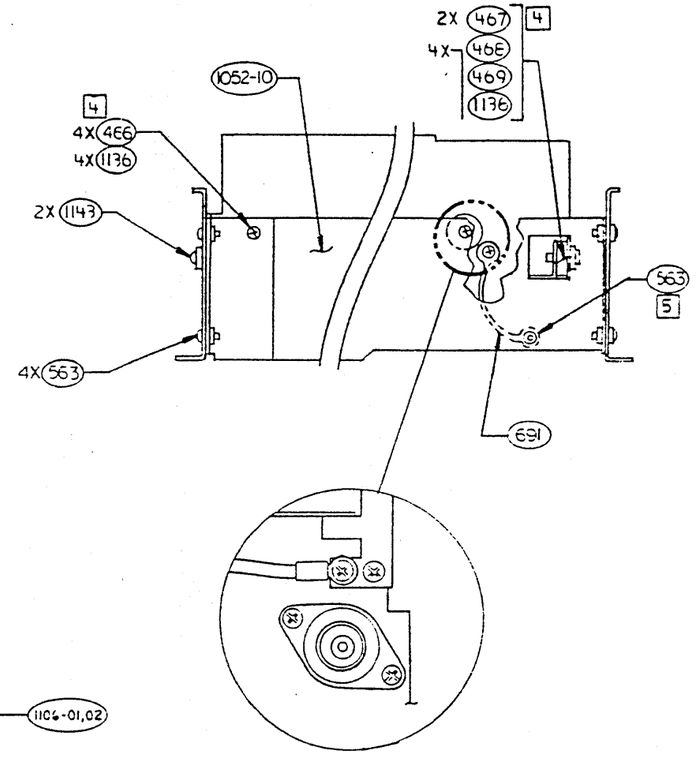
DWG NO. AD-01141-XX SHT 1 REV F

REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	MF	14MAR85	PRODUCTION RELEASE PER ECO 0184		3-26-85
B	MF	21MAY85	REVISED PER ECO Ø241		5/25/85
C	RP	20FEB86	REVISED PER ECO 0353		3-21-86
D	RD	30JUNE86	REVISED PER ECO 0483		7-15-86
E	MM	11AUG86	REVISED PER ECO 0474		01 Oct 86
F	LE	4-2-87	REVISED PER ECO # 0752		4/1/87



DETAIL B
N.T.S.





SUFFIX	DISK DRIVE (81-01106-XX)
-01	168 MB
-02	337 MB

NOTES:

1. BEST METHOD OF HARNESS/CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG.. SECURE HARNESS/CABLE'S USING CABLE TIE (591), CABLE TIE MOUNT (598) OR FLAT CABLE CLAMP (767) WHERE NEEDED.
2. REMOVE TERMINATORS (SHOWN IN DETAIL 'B') IN 1ST, 2ND & 3RD DISK DRIVE.
3. TORQUE REQUIREMENTS: SEE PS 99065.
4. ADD LOCTITE ARETE P/N 04-01137 TO INDICATED SCREW THREADS. (8PL)
5. TORQUE TO 15±1 IN/LBS.
6. SET DISK ADDRESS WITH THE THREE KEYS ON SW1 LOCATED ON TOP OF DISK DRIVE AS SHOWN.

DISK ADDRESS	KEY 1	KEY 2	KEY 3
3	ON	ON	OFF

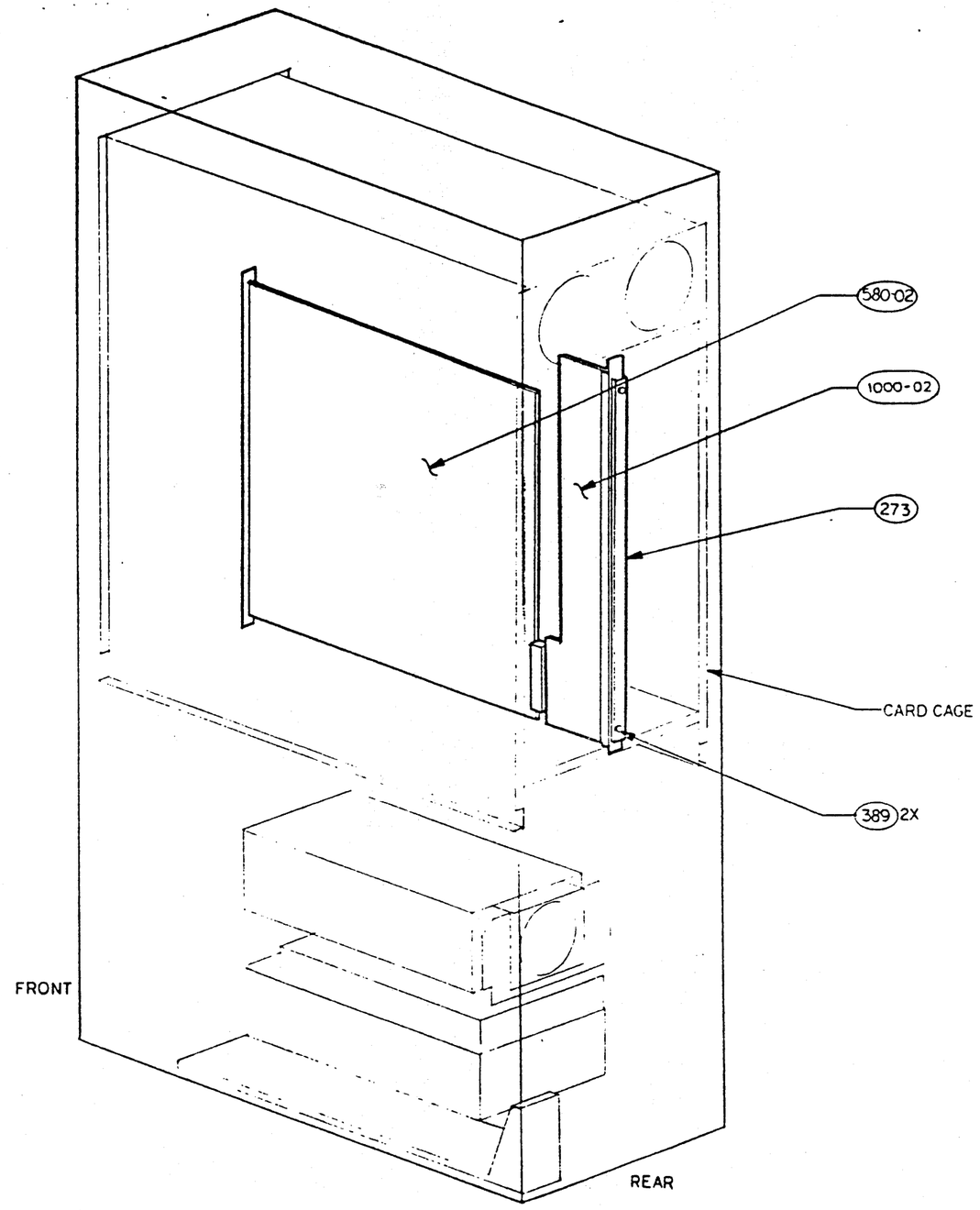
DR	R.PHILLIPS	2-22-85			
CA			NEXT ASSY	APPVD	DATE
ME			REVISIONS		
EE			XENO		
PE					
UNLESS OTHERWISE SPECIFIED:			KIT, DISK DRIVE, 4TH, MAXI		
MATERIALS	FINISHES				
DIMENSIONS	TOLERANCE		SCALE 1/4	DWG NO	REV
				AD-01141-XX	F

88-01141

DWG NO. AD-01122-XX	SHT 1	REV C

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	MF	13MAR85	PRODUCTION RELEASE PER ECO 0184	[illegible]	3-21-85
B	LE	2-13-87	DWG NO. & DESC. CHANGE PER ECO #0172	DH	2-18-87
C	LE	2-27-87	REV ROLL PER ECO # 0123A	DH	3-4-87

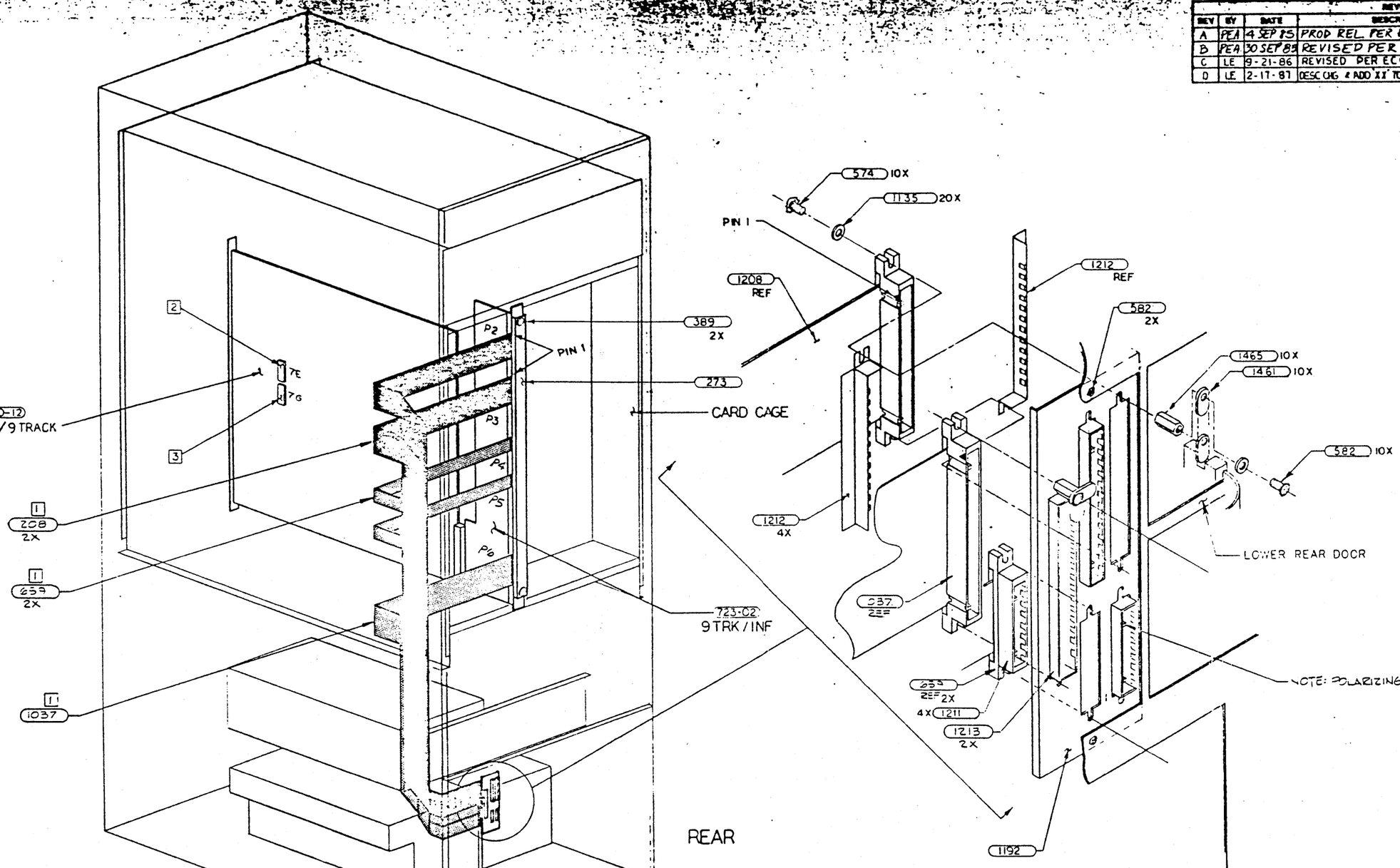


DR R. PHILLIPS	2-7-85						
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV	
ME		REVISIONS					
EE		XENO					
PE							
UNLESS OTHERWISE SPECIFIED:		KIT, HSDT / DT INTRF					
MATERIALS	FINISHES						
DIMENSIONS IN	TOLERANCE	SCALE —	DWG NO. AD-01122-XX	REV C			
		SHT — OF —					

DWG NO. 1K-01146-XX	SHT 1	REV D

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	4 SEP 85	PROD REL PER ECO # 0292 A	[illegible]	9/16/85
B	PEA	30 SEP 85	REVISED PER ECO #0298	[illegible]	10/4/85
C	LE	9-21-86	REVISED PER ECO # 0588	[illegible]	9 29 86
D	LE	2-17-87	DESC CHG & ADD 'XX' TO DWG NO PER ECO #0123	[illegible]	2-18-87



NOTE:

1. BEST METHOD OF CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG. SECURE CABLES USING CABLE TIE (541) CABLE TIE MOUNT (598) OR FLAT CABLE CLAMP (767) WHERE NEEDED.
2. REPLACE 85-00606 WITH P/N 85-01318 IN LOCATION 7E & RETURN P/N 85-00606 TO STOCK.
3. REPLACE 85-00607 WITH P/N 85-01317 IN LOCATION 7G & RETURN P/N 85-00607 TO STOCK.

DR [illegible]	4-2-85	NEXT ASSY	APPVD	DATE	PR/DCN	REV
CK		REVISIONS				
ME						
EE						
PE						

XENO SYSTEMS

UNLESS OTHERWISE SPECIFIED:

MATERIALS — FINISHES —

DIMENSIONS IN — TOLERANCE —

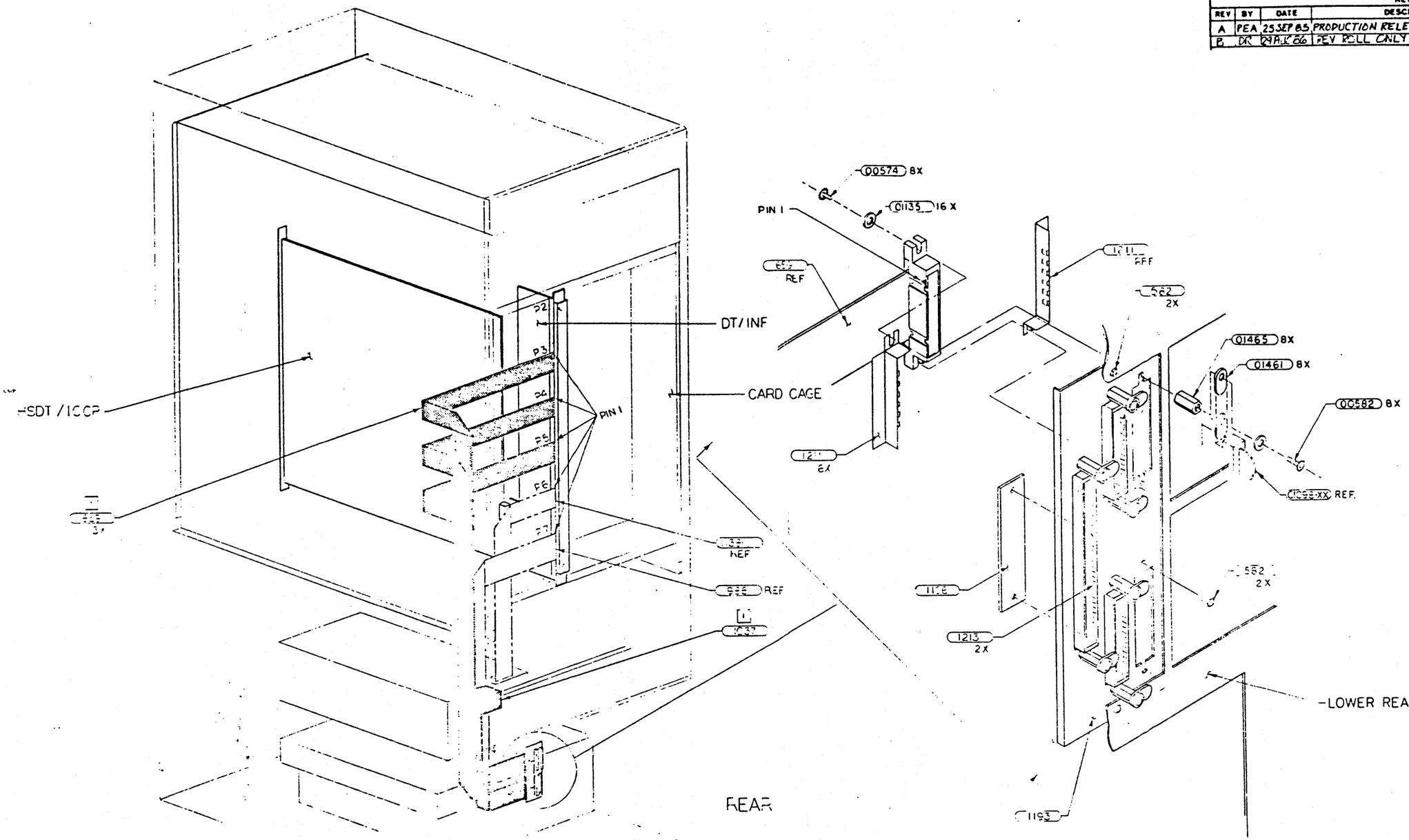
KIT, HSDT / SMD / 9T
W / CABLE

SCALE NONE | SHT 1 OF 1 | D | DWG NO. 1K-01146-YY | REV D

DWG NO. 1K-01221	SHT 1	REV B

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	25 SEP 85	PRODUCTION RELEASE PER ECO #297	[illegible]	9/26/85
B	DR	[illegible]	REV ROLL ONLY PER ECO 0538	[illegible]	1-9-86



NOTE:

1. BEST METHOD OF CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG. SECURE CABLES USING CABLE TIE (541) CABLE TIE MOUNT (555) OR FLAT CABLE CLAMP (767) WHERE NEEDED
2. IDENTIFY KIT WITH PART NO. 88-01221.

DR [illegible]	9-26-85					
CK		NEXT ASSY	APPVD	DATE	PR. DCN	REV
ME		REVISIONS				
EE		XENO				
PE						

UNLESS OTHERWISE SPECIFIED:

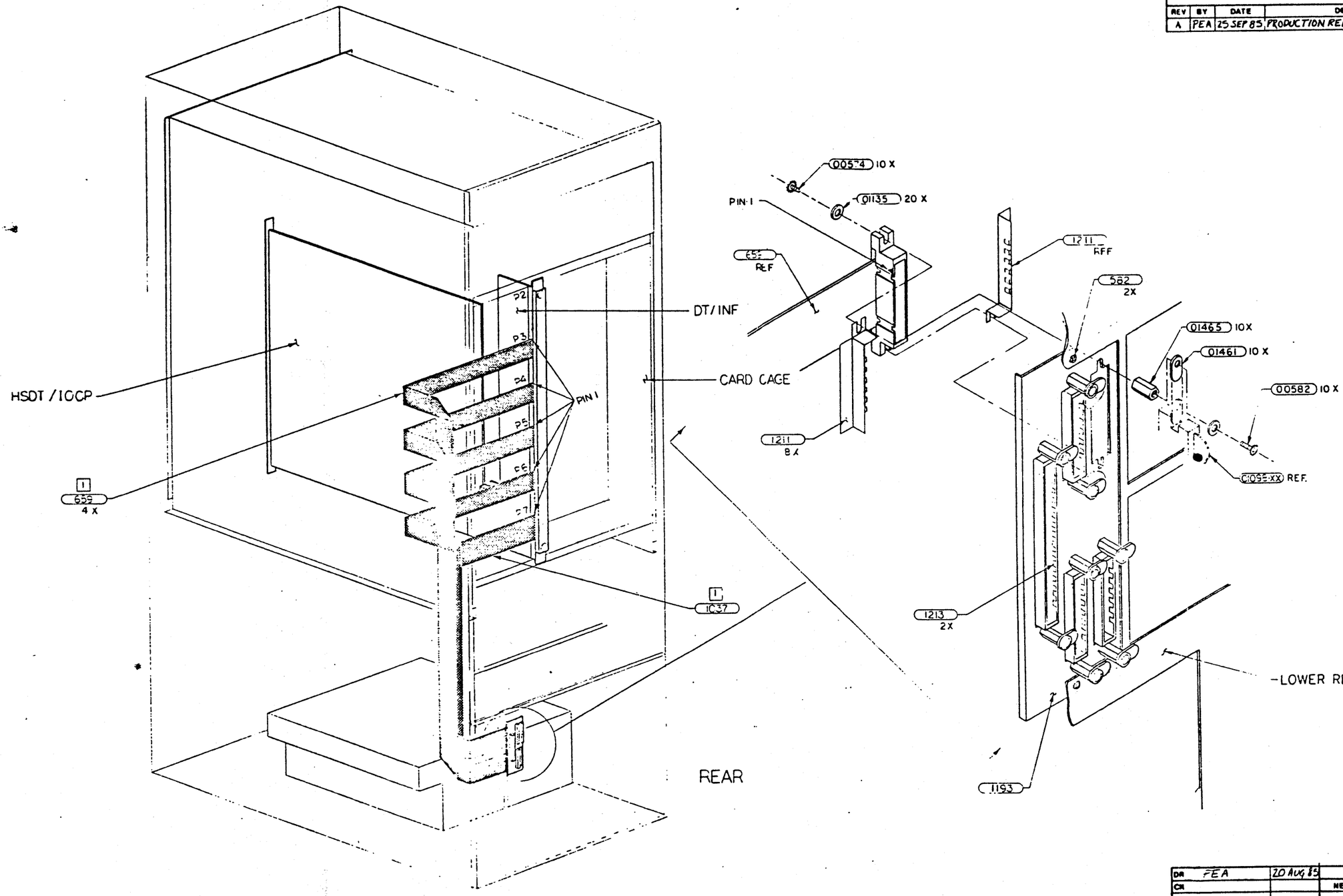
MATERIALS — FINISHES

DIMENSIONS IN: [illegible] — TOLERANCE [illegible]

KIT, REMOTE / DICK I/C
(FIRST DT/INF)

SCALE NONE | SHT 1 OF 1 | D | DWG NO 1K-01221 | REV E

DWG NO. 1K-01496				SHT 1	REV A
REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	25 SEP 85	PRODUCTION RELEASE PER ECO #297	[illegible]	9/26/85



NOTE:

1. BEST METHOD OF CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG. SECURE CABLES USING CABLE TIE (541) CABLE TIE MOUNT (593) OR FLAT CABLE CLAMP (767) WHERE NEEDED.
2. IDENTIFY KIT WITH PART NO. 88-01496.

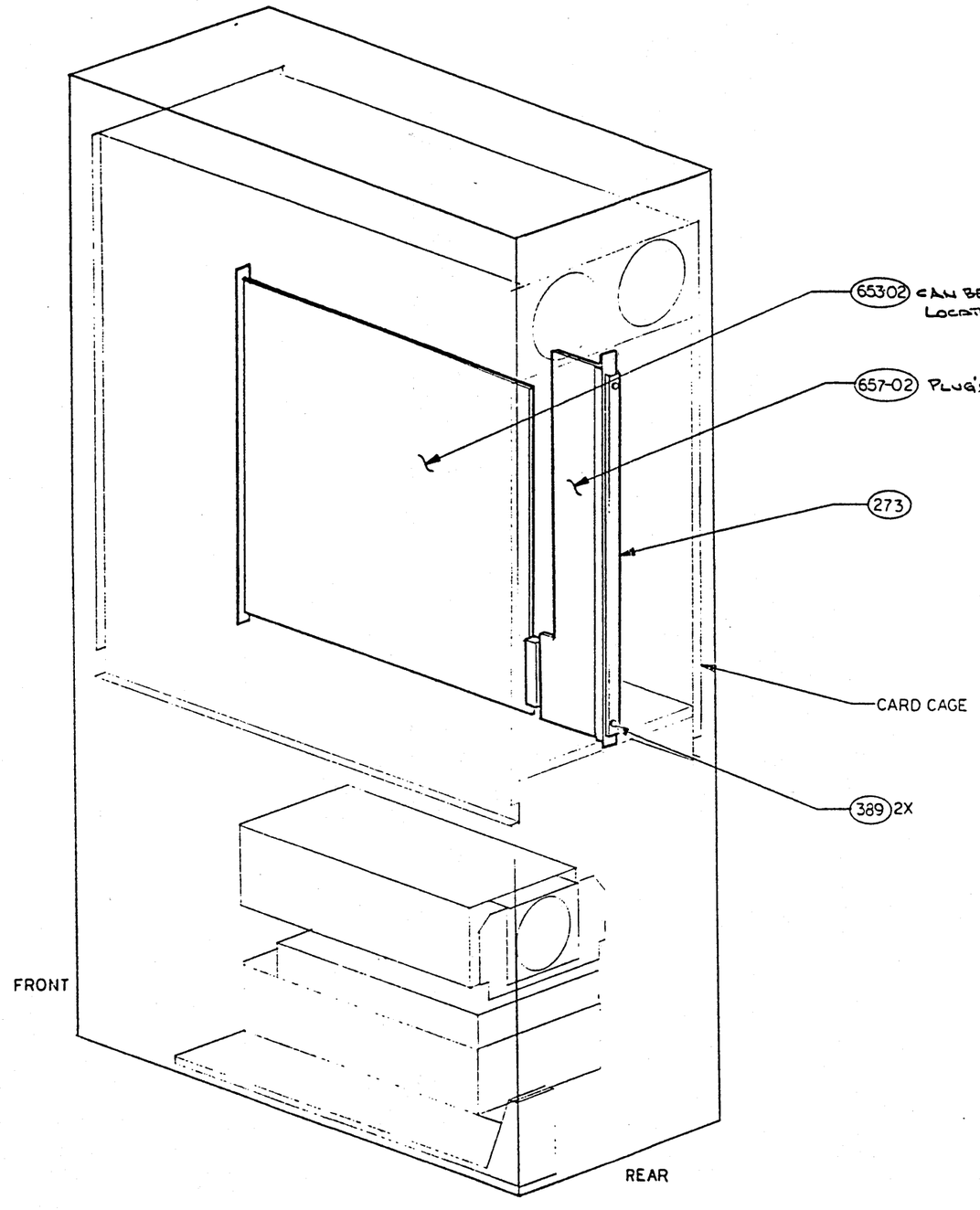
DR FEA	20 Aug 85						
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV	
ME		REVISIONS					
EE		XENO					
PE							
UNLESS OTHERWISE SPECIFIED:		KIT, REMOTE / DISK I/C (SECOND DT/INF					
MATERIALS	FINISHES						
DIMENSIONS IN	TOLERANCE	SCALE NONE	–	DWG NO		REV	

88-01496

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

DWG NO AD-01110 | REV A

REVISIONS					
REV	BY	DATE	DESCRIPTION	APP'D	
A	MF	13 MAR 85	PRODUCTION RELEASE PER ECO 0184	LC	3-26-85



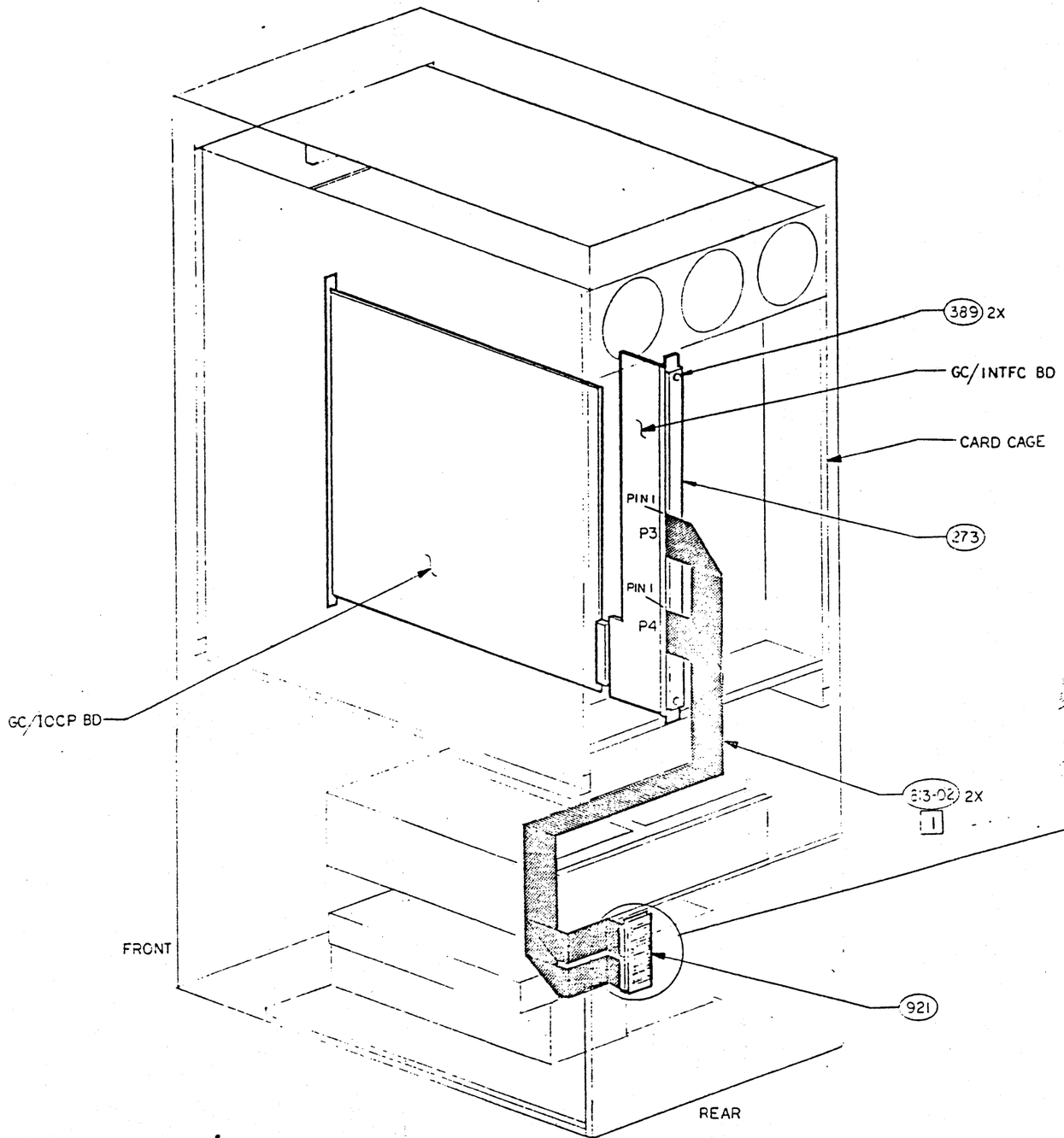
AD-01110

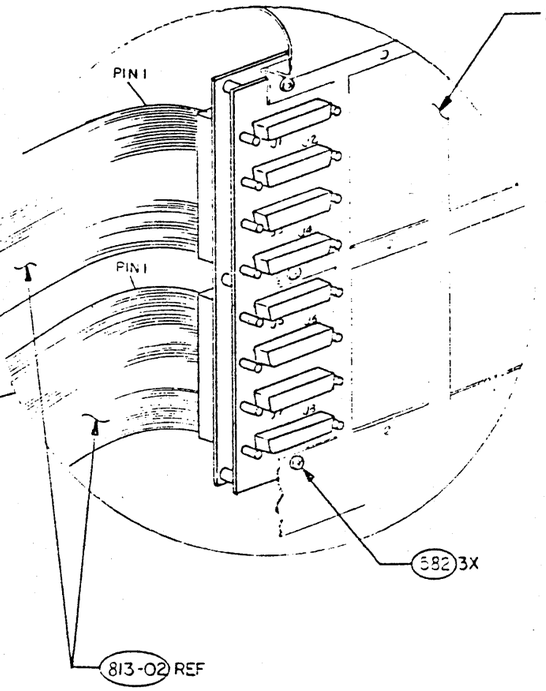
R. PHILLIPS 2-7-85

KIT, GCP

DWG NO. AD-01109	SHT 1	REV B

REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	MF	31MAR85	PRODUCTION RELEASE PER ECO C184	DC	5-22-85
B	RP	23OCT85	REVISED PER ECO # 3310	[illegible]	10/25/85





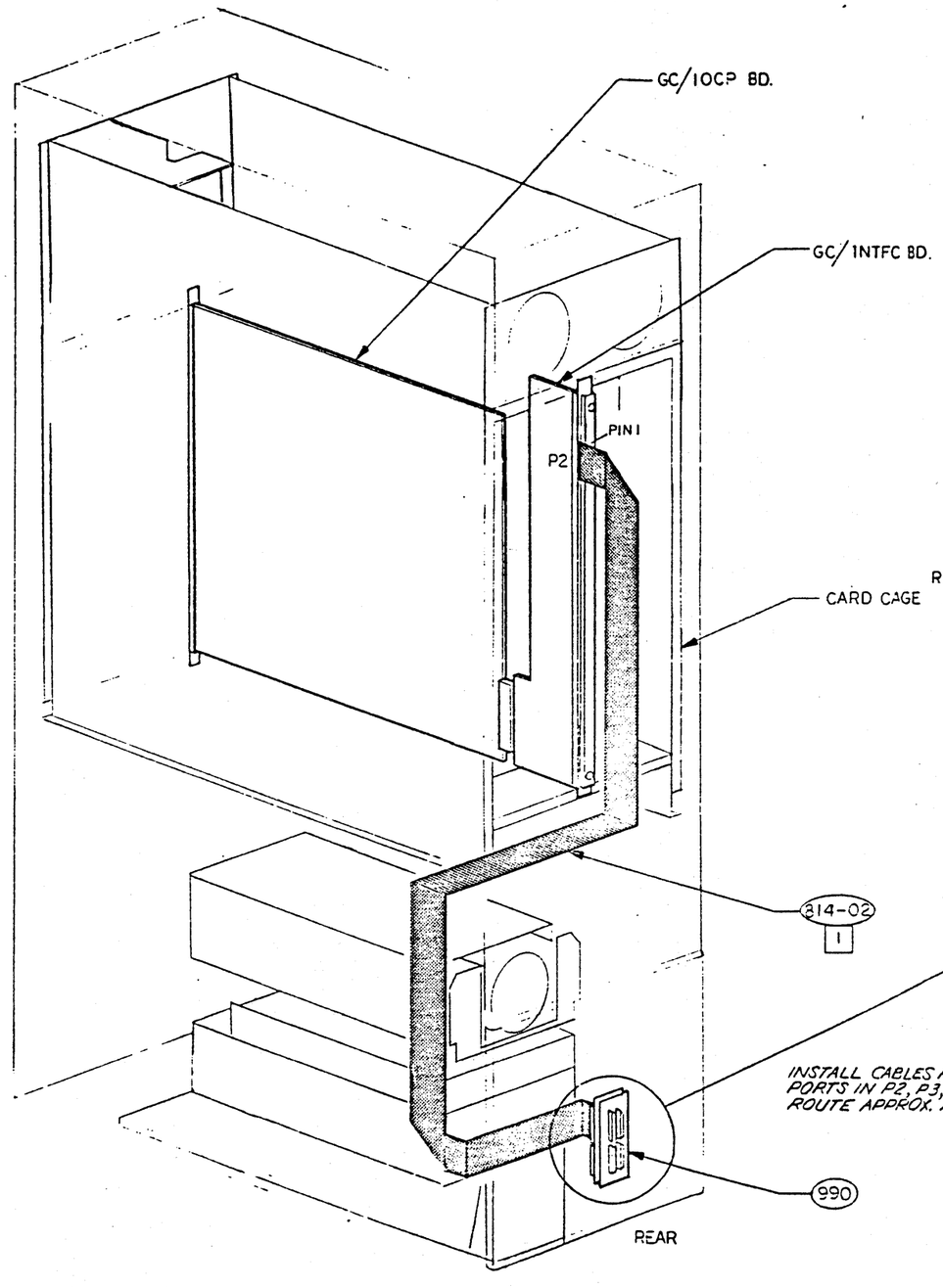
NOTES;

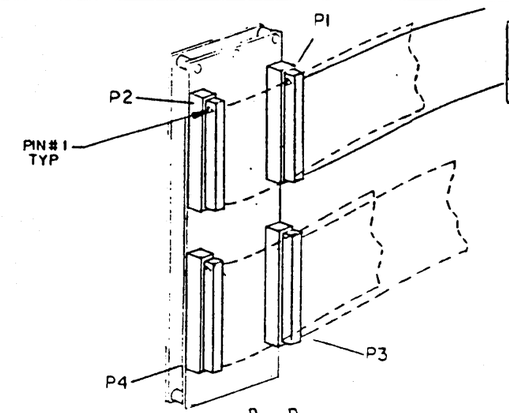
1. BEST METHOD OF CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG. SECURE CABLES USING CABLE TIE (591), CABLE TIE MOUNT (598) OR FLAT CABLE CLAMP (767) WHERE NEEDED.

DR P PHILLIPS	2.6.85						
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV	
ME		REVISIONS					
EE		XENO					
PE							
UNLESS OTHERWISE SPECIFIED:		KIT, GC/IO SERIAL (MAXI)					
MATERIALS	FINISHES						
DIMENSIONS IN	TOLERANCE	SCALE	DWG NO				

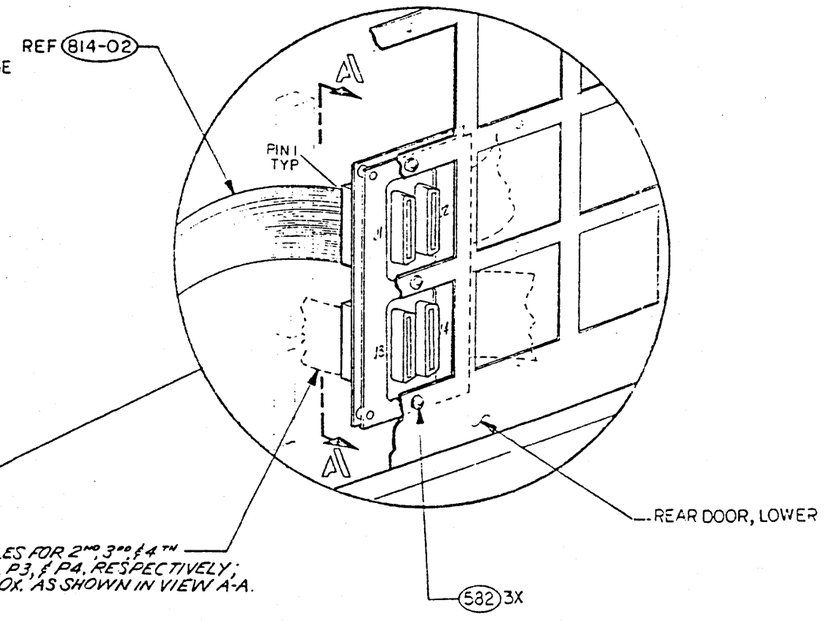
AD-00987 1 B

2	HF	13MAR86	PRODUCTION RELEASE PER ECO 0184	BS	3-25-85
A	EB	6-24-86	REVISED PER ECO 0501	BS	7-2-86





VIEW A-A
(REAR VIEW)



INSTALL CABLES FOR 2ND, 3RD & 4TH PORTS IN P2, P3, & P4, RESPECTIVELY; ROUTE APPROX. AS SHOWN IN VIEW A-A.

NOTES;

1. BEST METHOD OF CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG. SECURE CABLES USING CABLE TIE (591), CABLE TIE MOUNT (598) OR FLAT CABLE CLAMP (767) WHERE NEEDED.

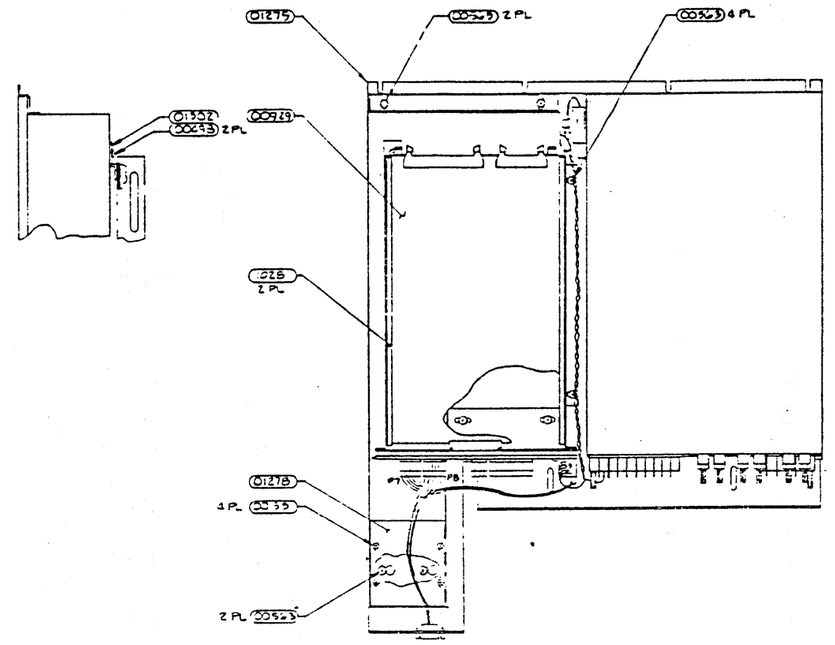
R. PHILLIPS 2-6-85

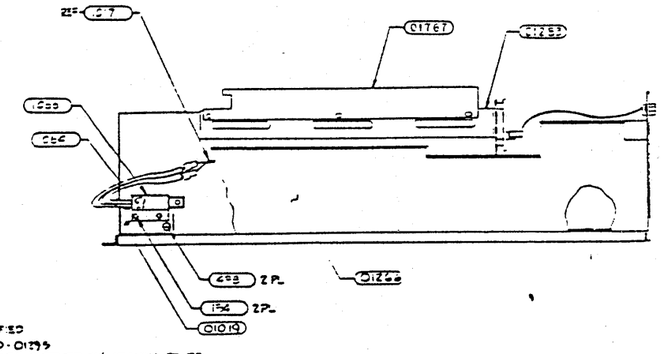
KIT, GC/PARALLEL PORT

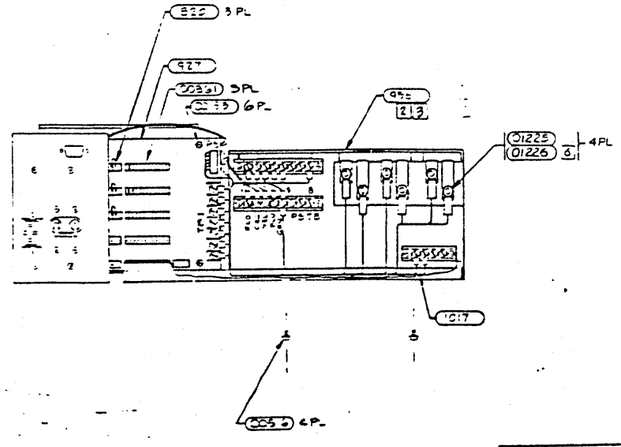
AD-00987

REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	TEAM	12-95	RELEASE PER ECO #0293		
B	CC	10-28-96	REV ROLL PER ECO 0360		
C	MP	2.28.04	REVISED PER ECO 0401		
D	PB	6-24-04	REV ROLL PER ECO 0511		
E	LE	3-2-06	REVISED PER ECO 0674		

WDS NO AD-01295 SHT 1 REV E







NOTES: UNLESS OTHERWISE SPECIFIED

1. REFER TO LM-01293 & WD-01295
2. REMOVE THE FOLLOWING SENSE LINES SUPPLIED W/SWITCHING POWER PWR SUPPLY: A) 24V +S & -S
   B) 5V +S & -S
   C) 12V +S & -S
   WIRE AT THE SOLDER LUG END OF SENSE LINE MAY BE REMOVED BY CUTTING IT FROM LUG, LUG CAN REMAIN.
3. REMOVE & DISCARD INPUT VOLTAGE STRAPS (QTY) SUPPLIED WITH PWR SUPPLY.
4. WIRE COLORS SHOWN FOR REF ONLY.
5. PIN NAMES/NUMBERS SHOWN FOR REF ONLY & MAY NOT APPEAR ON PART BODIES.
6. TIGHTEN TO 40.0 IN/LBS ± 10 IN/LBS
7. REFER TO TORQUE REQUIREMENTS SPECIFICATION PS-99065.

				NEXT ASSY	APPVD / DATE / PR DCN / REV
				REVISIONS	
UNLESS OTHERWISE SPECIFIED			XENO		
MATERIALS	FINISHES		ASSEMBLY		
			PWM/POWER SUPPLY, 1800W		
DIMENSIONS IN	TOLERANCE	SCALE 1/2	SIZE	DWG NO	REV
		SHEET 1 OF 1			

			WD-01295	SHT 1	E
A	PEA	12 SEP 85	RELEASE PER ECO Ø293		
B	CC	10-22-85	CHANGE PER ECO 0306		
C	PB	2-FEB-86	REV ROLL PER ECO 0401		
D	EB	6-26-86	REVISED PER ECO 0511		
E	LE	9-2-86	REV ROLL PER ECO 0474		

01293 ASSY, AC RECEPTACLE
01284 ASSY, BREAKER PLATE
C1259 REF CONN, RECPT, 3CCT, 10A, 120C, VDE
00536 REF CKT BREAKER, 2 CCT, 15A
CB1
L BRN
GRN/YEL
BLU
N
LINE HOT
LINE NEUTRAL
LINE 1
2
4
LOAD
3
01291
01292
CHASSIS GND
01253
SW NEUT
SW HOT
01300 2 PL ASSY, LINE FILTER, CORCOM VW1
LF 1
LINE
LOAD
01296
01297
01261 REF FILTER, LINE, 20A, CORCOM 20VW1
LF 2
FILTERED NEUTRAL
FILTERED HOT
01265 RELAY, SOLID STATE, 25A, 240VAC, VDE
SSR 1
OUTPUT
INPUT
ORG AC SSR+
WHT AC SSR-
J7 P7
RELAYED HOT
RED
01234 REF CABLE, PRI, PCM XFMR PCB
XFMR B
XFMR CT
XFMR A
REF 01255 CABLE, SEC, PCM XFMR PCB
REF 00827 ASSY, DC DIST PCB, MAXI
01241 ASSY, PCM XFMR PCB
J1A 120V
J1B 240V
LINE VOLTAGE SELECTION
P1
V SEL B
V SEL A
01256 CABLE, PWR SUPPLY PRIMARY
00556 POWER SUPPLY, SWITCHING, 1800W
CHASSIS GND
110V
220V
J2B P2B
J2A P2A
01171 ASSY, AIR INTAKE FAN
01169 REF FAN, 230V AC
FUSEHOLDER PANEL MOUNT W/TABS 00347
FUSECARRIER, 1/4X1 1/4 00348
FUSE, 3AG, 2A 250V SLOW BLOW 00333
FUSECARRIER, 5X20mm (OPTION) 01307
FUSE, 5X20mm, 2A, 250V SLOW BLOW (OPTION) 01306
F1 2A T 250V SLOW BLOW
PART OF 01017 HARNESS, POWER SUPPLY MAXI
01308 CABLE, AC FAN, VDE

01288 LINECORD, DETACHABLE, 10A, 120V, U.S.
01287 LINECORD, DETACHABLE, 10A, 240V, U.S.
01352 ,CHINESE
01353 ,PIGTAIL
01355 ,SCHUKO
01357 ,BRITISH
01359 LINECORD, DETACHABLE, 10A, 240V, SWISS

NOTES: UNLESS OTHERWISE SPECIFIED
1. PIN NUMBERS/NAMES ARE SHOWN FOR REFERENCE ONLY & MAY NOT APPEAR ON PART BODIES. REFER TO INDIVIDUAL ASSY DWGS FOR EXACT PART ORIENTATIONS.
2. CONNECTION TYPES ARE DENOTED BY THE FOLLOWING SYMBOLS:
QUICK-DISCONNECT — SOLDER
RING TONGUE — SPADE LUG
3. REFER TO:
LM - 01295
AD - 01295

NOTE:
VOLTAGE STRAPS SHOWN FOR REF ONLY AND ARE ~NOT INSTALLED~
CONVERSION FROM / TO 120V/240V OPERATION IS ACCOMPLISHED ON PCM XFMR PCB ASSY

MFG BREAKER 25JUL85
Faye 7/29/85

WIRING DIAGRAM
ASSY, PCM/PWR SUPPLY, MAXI, 1800 W

WD-01295 E

WD-01295

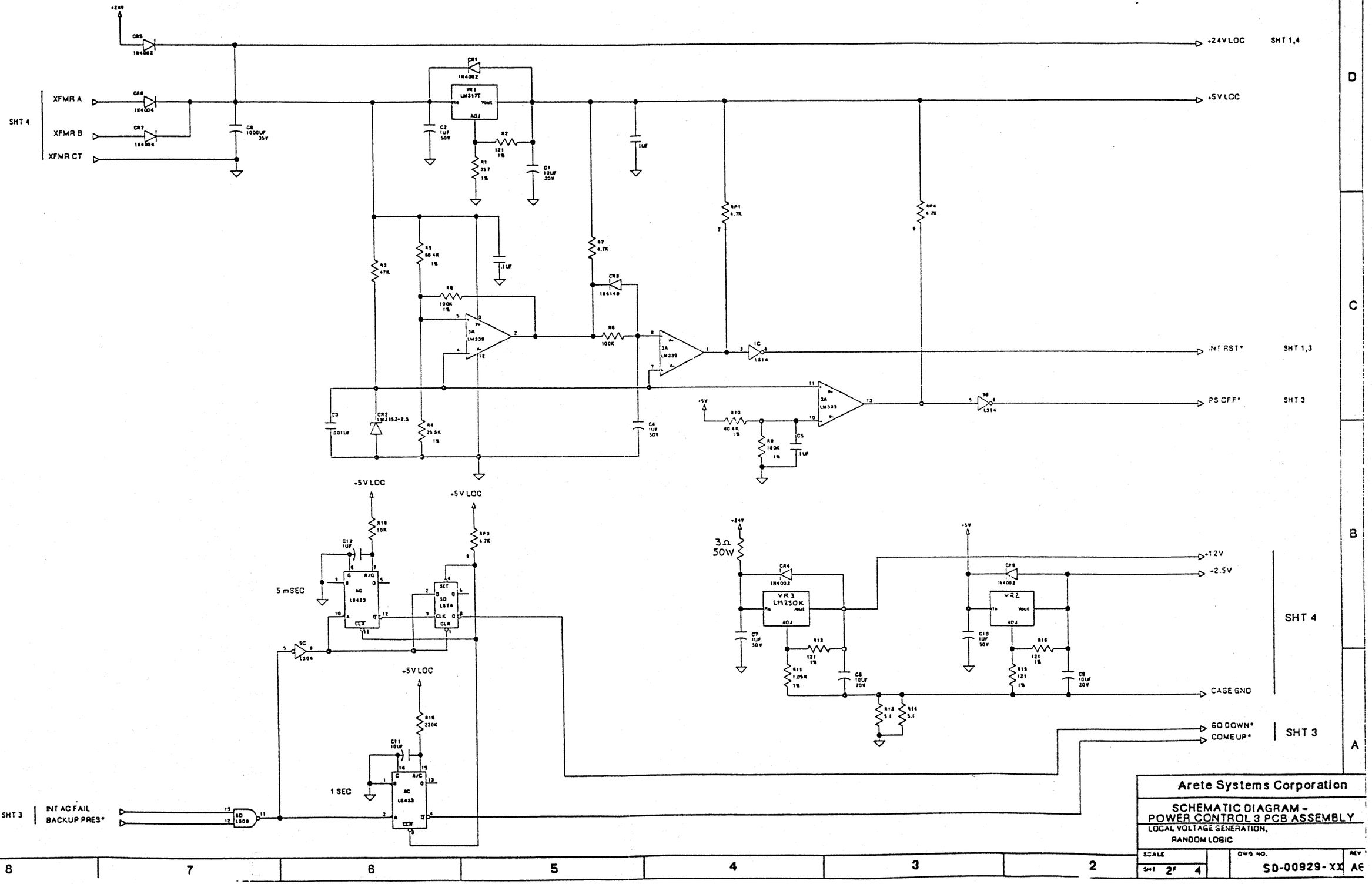
REV	BY	DATE	DESCRIPTION	APPRVD	DATE
A1	TS	2-20-85	PROD. REL. ECO 0146B	RD	3-26-85
A2	MF	3-28-85	REV ROLL ECO 0192	JF	5-13-85
A3	RP		REV ROLL PER ECO 402	GF	3-23-86
A4	EB	6-19-86	REV ROLL PER ECO 0507	AY	6 23 86

DISPLAY INTERFACE

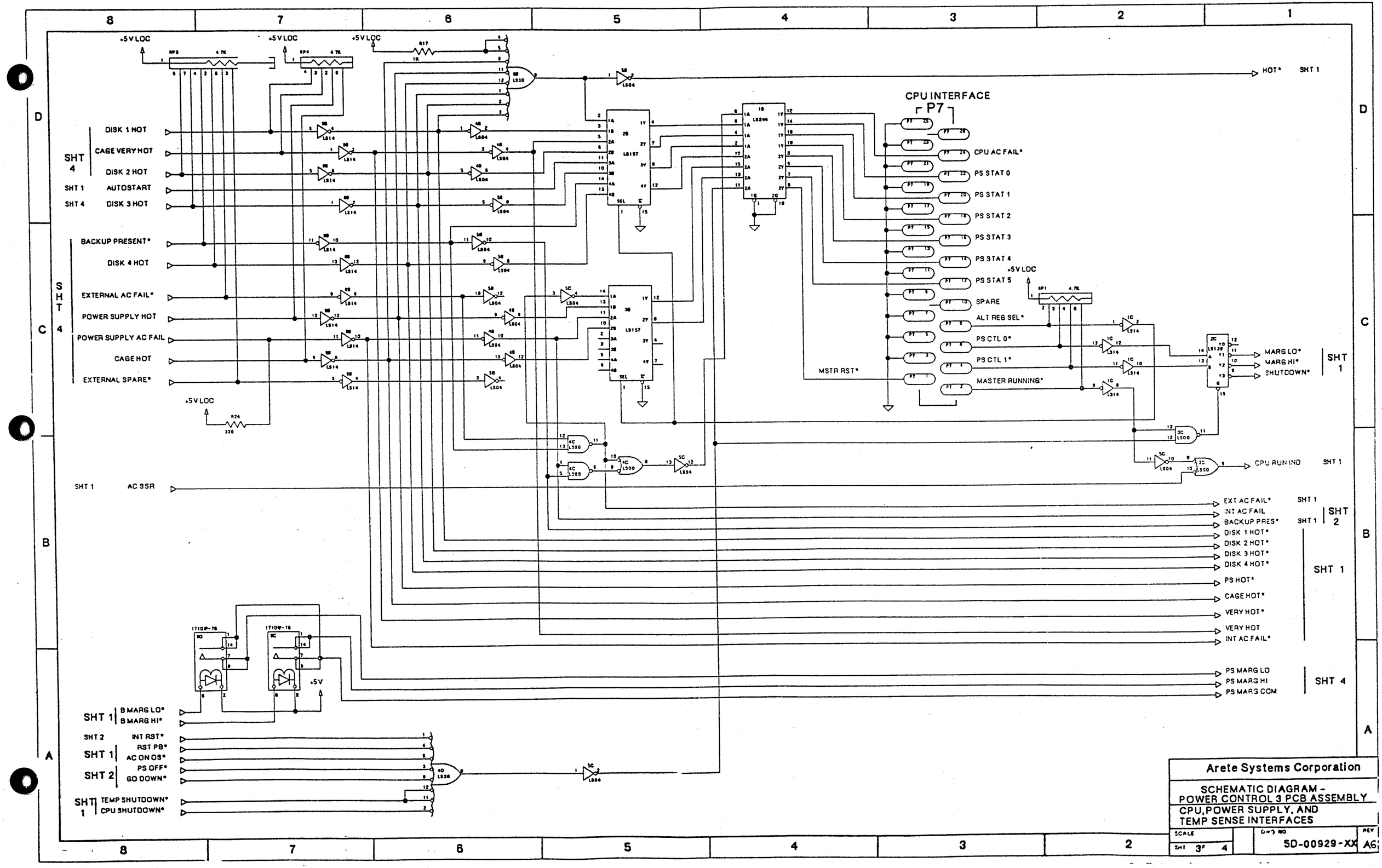
SHUTDOWN*
VERY HOT
SHT 3
HOT*
VERY HOT*
+5V LOC
+24V LOC
P8
RED LAMP*
YEL LAMP*
GRN LAMP*
L EXT AC FAIL*
L DISK 4 HOT*
L INT AC FAIL*
L BACKUP PRES*
L TEMP SD*
L DISK 1 HOT*
L DISK 2 HOT*
L DISK 3 HOT*
L PS HOT*
L CAGE HOT*
L CPU HALT*
L CPU SD*
L MARG HI*
L MARG LO*
EXT AC FAIL*
DISK 4 HOT*
INT AC FAIL*
BACKUP PRES*
DISK 1 HOT*
DISK 2 HOT*
DISK 3 HOT*
PS HOT*
CAGE HOT*
CPU RUN IND
MARG HI*
MARG LO*
ON COM
ON N.O.
ON N.C.
OFF N.C.
OFF N.O
OFF COM
AUTOSTART N.O.
AUTOSTART COM
RESET N.O.
RESET N.C.
RESET COM
ON PB*
OFF PB*
10 uSEC
1 SEC
10 SEC
AC SSR*
INT RST*
SHT 2
B SHUTDOWN*
CPU SHUTDOWN*
TEMP SHUTDOWN*
RST PB*
BOTH SHUTDOWN*
AUTO START
AC ON*
AC SSR
AC ON OS*
B MARG LO*
B MARG HI*

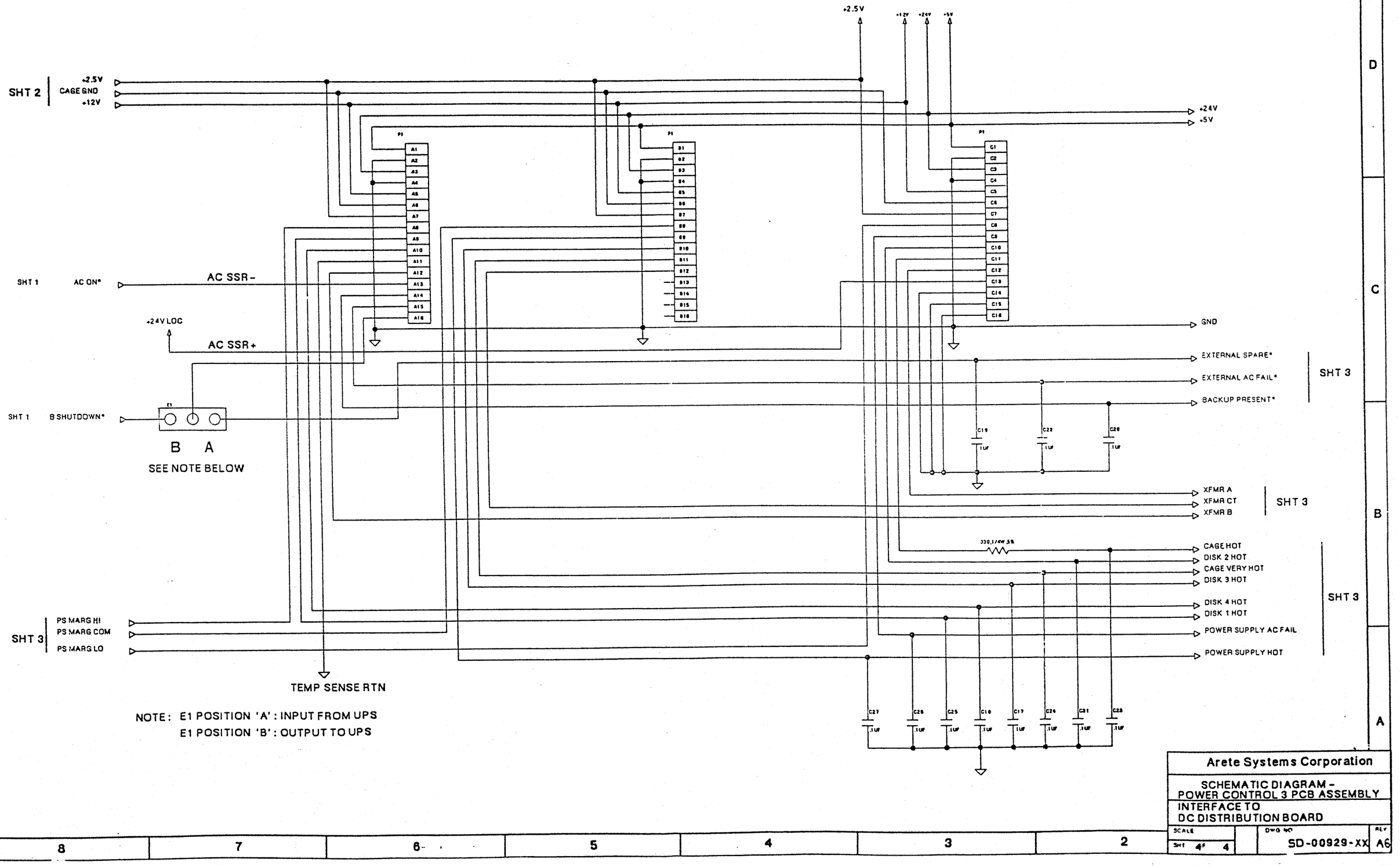
A6	LE	2-9-87	REVISED PER ECO # 0698A ADD X X TO DWG NO.	DW 2-18-87
A5	LE	11-14-86	REVISED PER ECO # 0616 A	11-17-87

DR FRYE	9/18/84		
CK		NEXT ASSY	APPVD / DATE / PR/DCN / REV
ME		REVISIONS	
EE		Arete Systems Corporation	
PE			
UNLESS OTHERWISE SPECIFIED		SCHEMATIC DIAGRAM - POWER CONTROL 3 PCB ASSEMBLY	
MATERIALS	FINISHES	CONTROL PANEL INTERFACE	
DIMENSIONS IN	TOLERANCE	SCALE: 3/4	DWG NO. SD-00929-XX REV A6
		SHT 4	

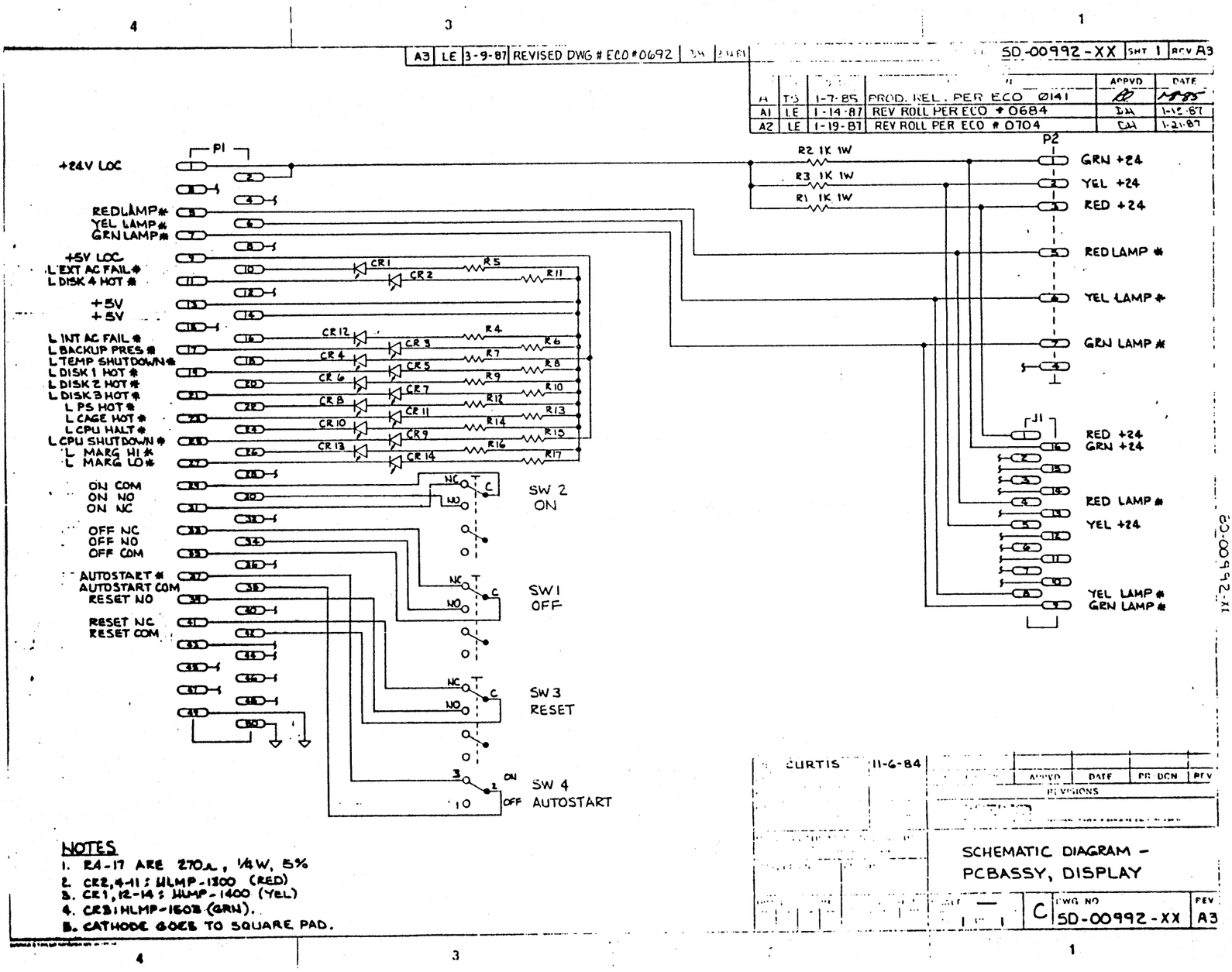


Arete Systems Corporation	
SCHEMATIC DIAGRAM – POWER CONTROL 3 PCB ASSEMBLY	
LOCAL VOLTAGE GENERATION, RANDOM LOGIC	
SCALE	DWG NO. SD-00929-XX REV AE
SHT 2F 4	


+5V LOC
RP3 4.7K
RP4 4.7K
R17 1K
DISK 1 HOT
CAGE VERY HOT
DISK 2 HOT
SHT 1 AUTOSTART
SHT 4 DISK 3 HOT
BACKUP PRESENT*
DISK 4 HOT
EXTERNAL AC FAIL*
POWER SUPPLY HOT
POWER SUPPLY AC FAIL
CAGE HOT
EXTERNAL SPARE*
SHT 4
R24 330
HOT* SHT 1
CPU INTERFACE
P7
CPU AC FAIL*
PS STAT 0
PS STAT 1
PS STAT 2
PS STAT 3
PS STAT 4
PS STAT 5
SPARE
ALT REG SEL*
PS CTL 0*
PS CTL 1*
MASTER RUNNING*
MSTR RST*
MARG LO*
MARG HI*
SHUTDOWN*
SHT 1
CPU RUN IND SHT 1
SHT 1 AC SSR
EXT AC FAIL* SHT 1
INT AC FAIL
BACKUP PRES* SHT 1
DISK 1 HOT*
DISK 2 HOT*
DISK 3 HOT*
DISK 4 HOT*
PS HOT*
CAGE HOT*
VERY HOT*
VERY HOT
INT AC FAIL*
SHT 2
SHT 1
PS MARG LO
PS MARG HI
PS MARG COM
SHT 4
1710P-7B
1710M-7B
+5V
SHT 1 B MARG LO*
B MARG HI*
SHT 2 INT RST*
SHT 1 RST PB*
AC ON OS*
SHT 2 PS OFF*
GO DOWN*
SHT 1 TEMP SHUTDOWN*
CPU SHUTDOWN*
Arete Systems Corporation
SCHEMATIC DIAGRAM -
POWER CONTROL 3 PCB ASSEMBLY
CPU, POWER SUPPLY, AND
TEMP SENSE INTERFACES
SCALE
DWG NO 5D-00929-XX
REV A6
SHT 3 OF 4



Arete Systems Corporation	
SCHEMATIC DIAGRAM - POWER CONTROL 3 PCB ASSEMBLY	
INTERFACE TO DC DISTRIBUTION BOARD	
SCALE	DWG NO: SD-00929-XX
SHT 4 OF 4	REV: A6


A3 LE 3-9-87 REVISED DWG # ECO #0692
SD-00992-XX SHT 1 REV A3
A1 LE 1-14-87 REV ROLL PER ECO # 0684
A2 LE 1-19-87 REV ROLL PER ECO # 0704
P1
P2
J1
+24V LOC
REDLAMP*
YEL LAMP*
GRN LAMP*
+5V LOC
L EXT AC FAIL*
L DISK 4 HOT*
+5V
+5V
L INT AC FAIL*
L BACKUP PRES*
L TEMP SHUTDOWN*
L DISK 1 HOT*
L DISK 2 HOT*
L DISK 3 HOT*
L PS HOT*
L CAGE HOT*
L CPU HALT*
L CPU SHUTDOWN*
L MARG HI*
L MARG LO*
ON COM
ON NO
ON NC
OFF NC
OFF NO
OFF COM
AUTOSTART*
AUTOSTART COM
RESET NO
RESET NC
RESET COM
CR1 CR2 CR3 CR4 CR5 CR6 CR7 CR8 CR9 CR10 CR11 CR12 CR13 CR14
R2 1K 1W
R3 1K 1W
R1 1K 1W
R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17
SW 2 ON
SW1 OFF
SW 3 RESET
SW 4 AUTOSTART
GRN +24
YEL +24
RED +24
RED LAMP*
YEL LAMP*
GRN LAMP*
RED +24
GRN +24
RED LAMP*
YEL +24
YEL LAMP*
GRN LAMP*
NOTES
1. R4-17 ARE 270Ω, 1/4W, 5%
2. CR2,4-11: HLMP-1300 (RED)
3. CR1,12-14: HLMP-1400 (YEL)
4. CR3: HLMP-1503 (GRN).
5. CATHODE GOES TO SQUARE PAD.
CURTIS 11-6-84
REVISIONS
SCHEMATIC DIAGRAM - PCBASSY, DISPLAY
SIZE C DWG NO SD-00992-XX REV A3

REV	BY	DATE	DESCRIPTION	APPRVD	DATE
A	TS	1-8-85	PROD REL PER ECO 0144	RD	1-10-85
A1	MF	3-22-85	REVISED PER ECO 0175A	RD	3-26-85
A2	CC	1-22-86	REV ROLL ONLY ECO 0375A	RD	1-22-86
A3	DR	5-7-86	REV ROLL ONLY ECO 0464	RD	5-7-86
A4	BL	8-7-86	REV ROLL ONLY ECO 0518	gf	9 22 86
A5	LE	11-4-86	REVISED PER ECO #0533A	DH	11-26-86
A6	LE	2-9-87	REVISED DWG NO. PER ECO # 0707	DH	2-11-87
A7	LE	3-3-87	REV ROLL PER ECO # 0692	DH	3-12-87

TB1

+5 VOLTS — TB1 1 — F4 30A SLO BLO
+5 VOLT RET — TB1 2
-12 VOLTS — TB1 3 — F2 30A SLO BLO
-12 VOLT RET — TB1 4
CHASSIS GND — TB1 5
+24V — TB1 6 — F1 30A SLO BLO
+24 VOLT RET — TB1 7

+24V, -12V, +5V

SHT 2: CAGE GND, +3V, +12V

+5V → +5V, GND
+24V → +24V
SH 2

CARD CAGE P1A
P1A 10 CAGE GND
P1A 9 CAGE GND
P1A 8 +3V
P1A 7 +3V
P1A 6 GND
P1A 5 -12V
P1A 4 -12V
P1A 3 GND
P1A 2 +12V
P1A 1 +12V

SH 2

DISK 1 P2A, DISK 2 P3A, DISK 3 P4A, DISK 4 P5A
P2A 12 … P2A 1
P3A 12 … P3A 1
P4A 12 … P4A 1
P5A 12 … P5A 1

P1B
P1B 1 +24V
P1B 2 +24V RTN
P1B 3 → CAGE VERY HOT
P1B 4 RTN
P1B 5 → CAGE HOT
P1B 6 RTN

F3 5A

TAPE DRIVE P1C
P1A 4 +5V
P1A 3 +24V RTN
P1A 2 +24V RTN
P1A 1 +24V

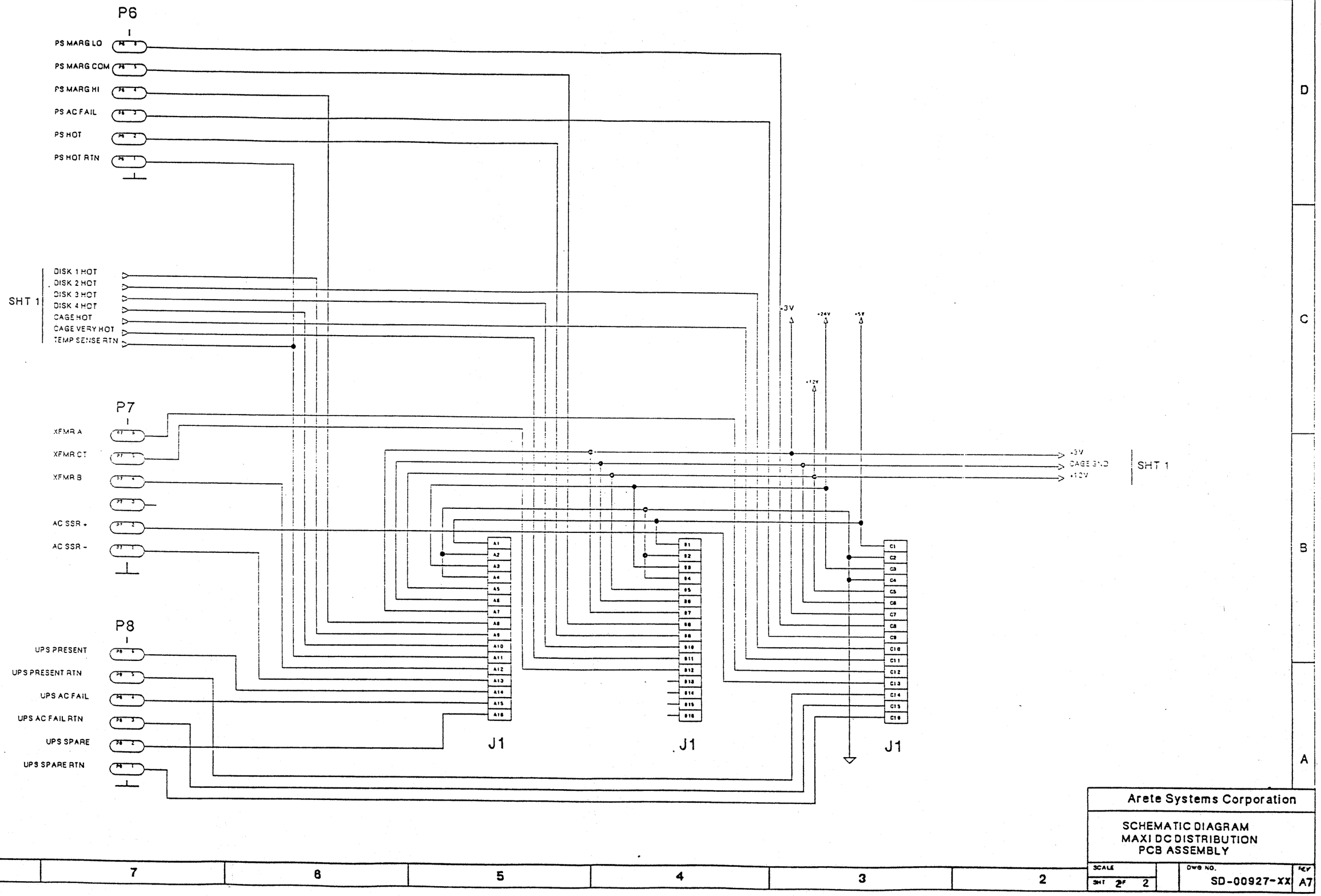
P2B, P3B, P4B, P5B
P2B 4 … P2B 1
P3B 4 … P3B 1
P4B 4 … P4B 1
P5B 4 … P5B 1

DISK 1 HOT / RET
DISK 2 HOT / RET
DISK 3 HOT / RET
DISK 4 HOT / RET

SHT 2

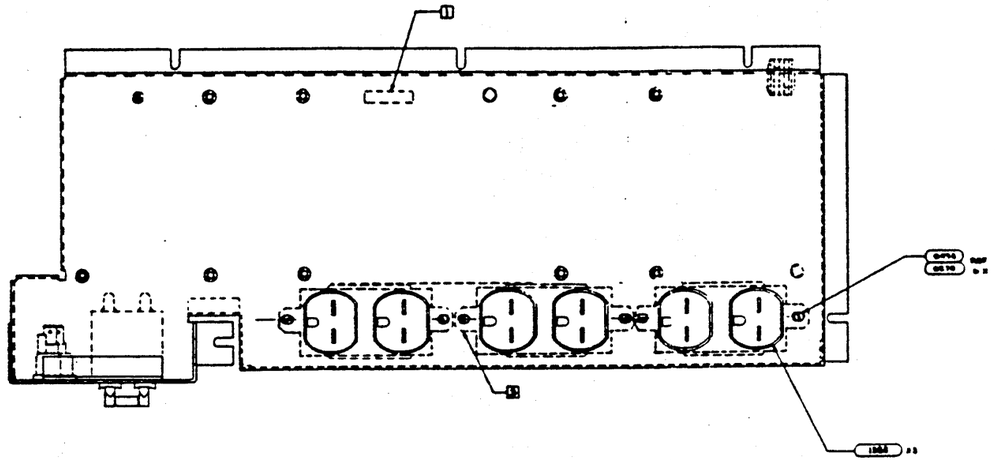
DISK 4 HOT
DISK 3 HOT
DISK 2 HOT
DISK 1 HOT
TEMP SENSE RTN

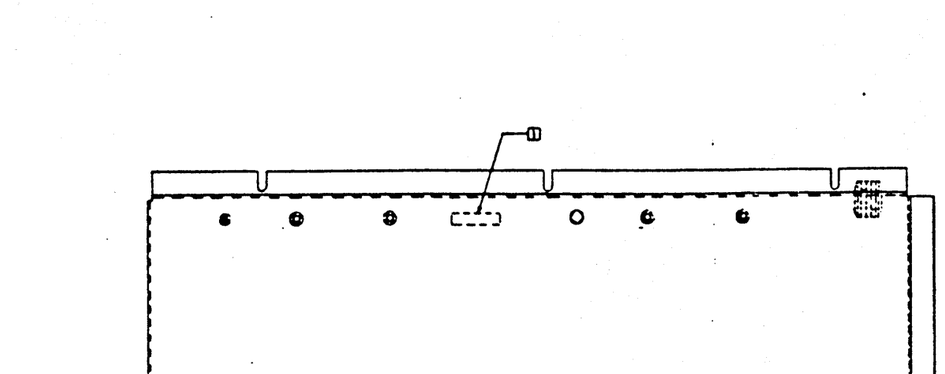
DR	FRYE	8/30/84					
CK			NEXT ASSY	APPVD	DATE	PR/DCN	REV
ME			REVISIONS				
EE							
PE			Arete Systems Corporation				
UNLESS OTHERWISE SPECIFIED			SCHEMATIC DIAGRAM MAXI DC DISTRIBUTION PCB ASSEMBLY				
MATERIALS	FINISHES						
DIMENSIONS IN	TOLERANCE		SCALE		DWG NO.		REV
			SHT 1 OF 2		SD-00927-XX		A7

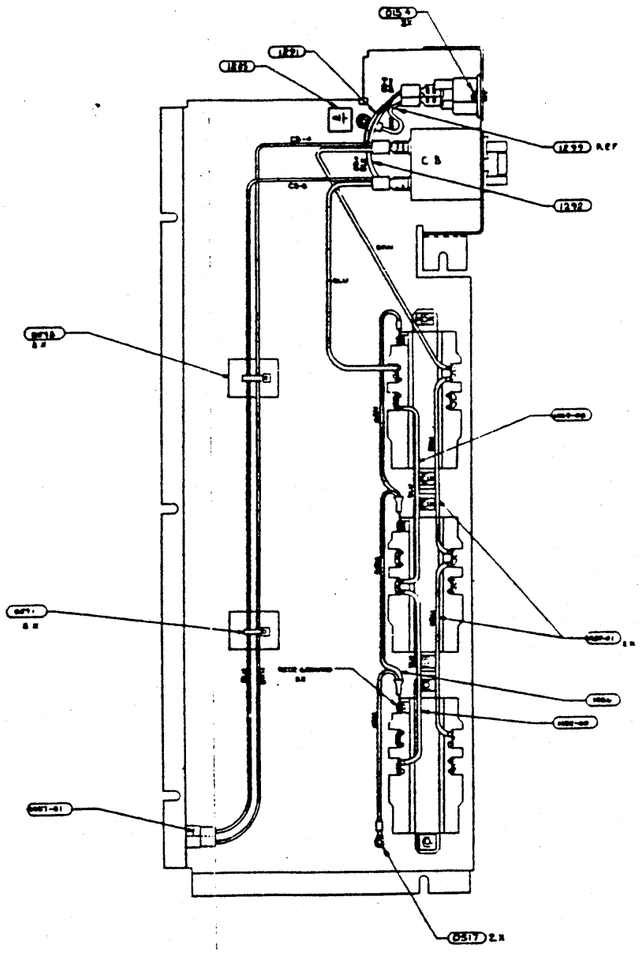


Arete Systems Corporation	
SCHEMATIC DIAGRAM MAXI DC DISTRIBUTION PCB ASSEMBLY	
SCALE	DWG NO. SD-00927-XX
SHT 2 OF 2	REV A7

REV	BY	DATE	DESCRIPTION	APPRVD	DATE
A	PKB	9/5/89	PRODUCTION RELEASE PER ECO [illegible]	[illegible]	9/26/89
B	PKB	11/9/89	REVISED PER ECO B-3971	[illegible]	[illegible]







NOTES:
1. PERMANENT MARK PART NO.(D-04378)
   (REV LTR, APPROX. WHERE SHOWN. (PARALLEL)
2. ORIENTATION AS SHOWN.
3. TABS MUST BE REMOVED TO MOUNT RECEPTACLES.

DRAWN	P. BENTSEN	8-1-89	NEXT ASSY
CHK			APPVD
ENGR			DATE
PM			MFG APPVD
QUALITY			DATE
MATERIAL			FINISH

ARTEC

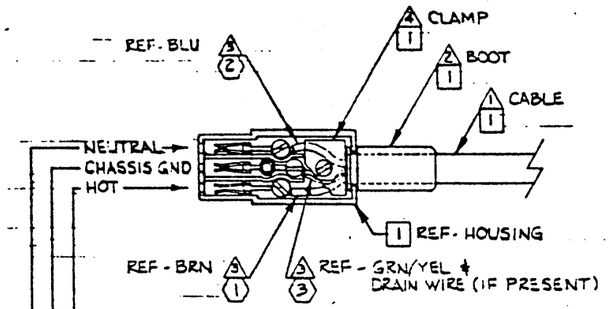
ASSY. AC EXP CAB

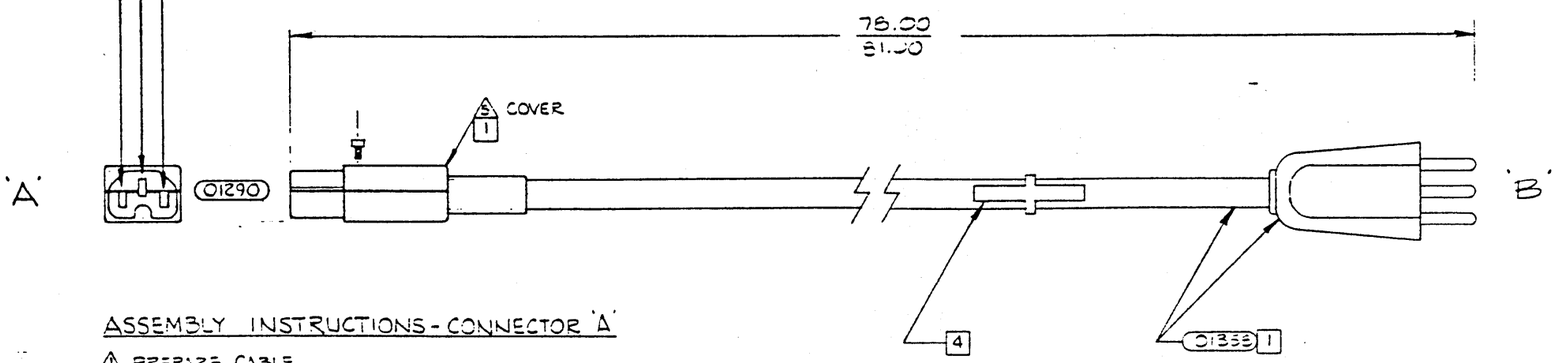
SIZE B | AD-04378 | REV B

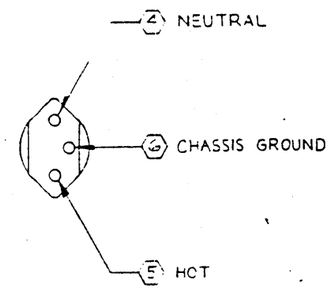
SCALE 1 | SHT 1 OF 1

DWG NO. AD-01359	SHT 1	REV C

REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	12 SEP 85	RELEASE PER ECO #293	[illegible]	9/27/85
B	CC	10 28 55	CHANGE PER ECO 0306	[illegible]	12/2/85
C	LE	9-30-86	REVISED PER ECO # 0606		10/1/86







ASSEMBLY INSTRUCTIONS - CONNECTOR 'A'

⚠ PREPARE CABLE
a. STRIP JACKET & FOIL (IF PRESENT) 1.30 INCHES.
b. STRIP WIRES .30 & TIN. (SOLDER DRAIN WIRE, IF PRESENT, TO GRN/YEL WIRE.)

2 INSTALL BOOT OVER CABLE; CABLE JACKET SHOULD BE FLUSH WITH LIP (HOUSING-END) OF BOOT.

3 CONNECT WIRES AT INDICATED SCREWS.

4 INSTALL CLAMP, INSURING NO WIRES ARE PINCHED.

5 INSTALL COVER, INSURING LIP OF BOOT IS PROPERLY ENGAGED IN HOUSING & COVER RECESSES.

NOTES

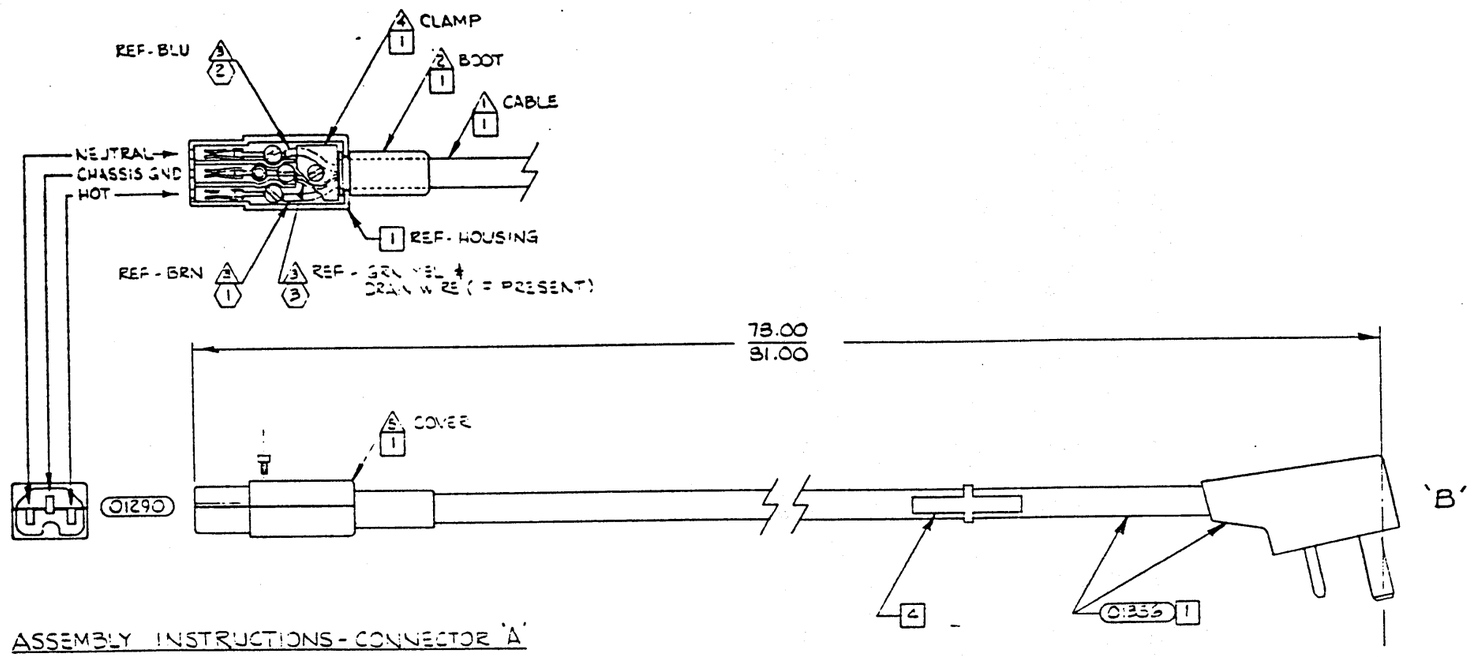
1. INTERNAL & EXTERNAL APPEARANCE OF CONNECTOR COMPONENTS MAY DIFFER FROM ILLUSTRATION.
2. ◯ SYMBOL REFERS TO STATION NUMBER ON WIRELIST WL - 01359.
3. REFER TO LIST OF MAT'L LM - 01359.
4. PERMANENTLY MARK, .125 MIN HIGH, APPROX. WHERE SHOWN (TAG OR LABLE ACCEPTABLE):
   - PART NUMBER (BZ - 01359);
   - REVISION LEVEL;
5. BAG (1) EACH.

PENDING
UNISYS
APPROVAL
ECO # 0485

DR Fme	7/3/85						
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV	
ME		REVISIONS					
EE		XENO					
PE							
UNLESS OTHERWISE SPECIFIED:		LINECORD, DETACHABLE, 04, 240V, SWISS					
MATERIALS	FINISHES						
DIMENSIONS IN: .X = ± .XX = ±	TOLERANCE ∠ ± .05	SCALE NONE	SHT 1 OF 1	D	DWG NO. AD - 01359	REV C	

DWG NO. AD-01357	SHT 1	REV B

REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	12 SEP 85	RELEASE PER ECO #293		
B	CC	10-28-85	P.L.V PVNL PER ECO 0306		11/4/85



ASSEMBLY INSTRUCTIONS - CONNECTOR 'A'

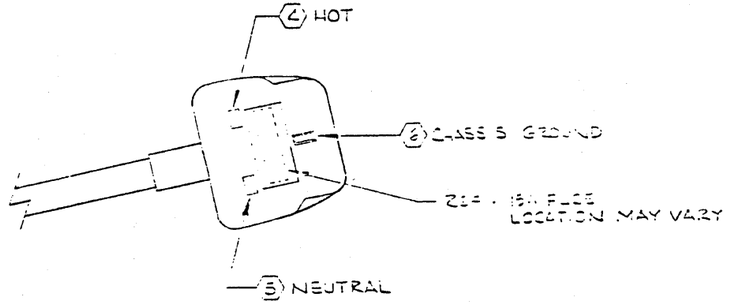
⚠1 PREPARE CABLE
a. STRIP JACKET & FOIL (IF PRESENT) 1.30 INCHES.
b. STRIP WIRES .30 & TIN. (SOLDER DRAIN WIRE, IF PRESENT, TO GRN/YEL WIRE.)

⚠2 INSTALL BOOT OVER CABLE; CABLE JACKET SHOULD BE FLUSH WITH LIP (SIDE MARKED) OF BOOT.

⚠3 CONNECT WIRES AT INDICATED SCREWS.

⚠4 INSTALL CLAMP, INSURING NO WIRES ARE PINCHED.

⚠5 INSTALL COVER, INSURING LIP OF BOOT IS PROPERLY ENGAGED IN HOUSING & COVER RECESSES.



NOTES

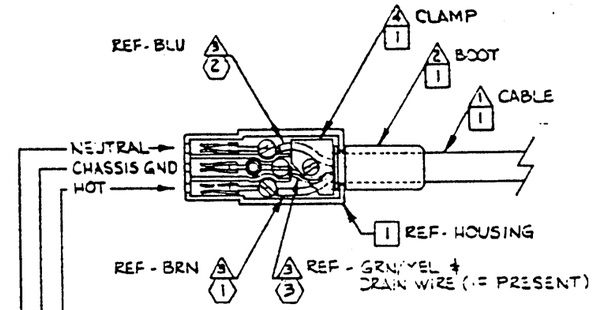
1. INTERNAL & EXTERNAL APPEARANCE OF CONNECTOR COMPONENTS MAY DIFFER FROM ILLUSTRATION.
2. ◯ SYMBOL REFERS TO STATION NUMBER ON WIRE LIST WL-01357.
3. REFER TO LIST OF MAT'L LM-01357.
4. PERMANENTLY MARK, .125 IN HIGH, APPROX. WHERE SHOWN (TAG OR LABEL ACCEPTABLE):
   - PART NUMBER (82-01357),
   - REVISION LEVEL.
5. BAG (1) EACH.

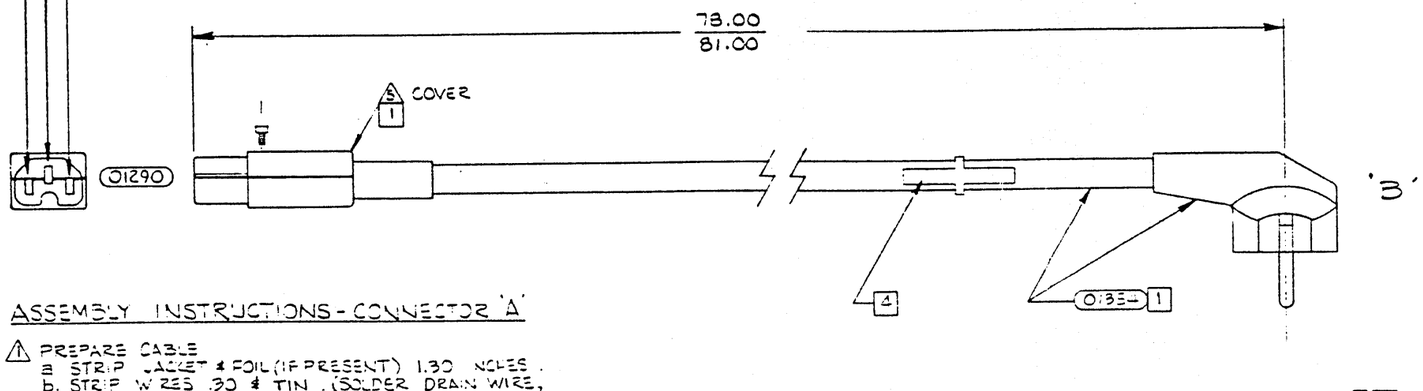
PENDING
UNISYS
APPROVAL
ECO#0485

DR Tmp	7/18/85						
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV	
ME		REVISIONS					
EE		XENO INCORPORATED					
PE							
UNLESS OTHERWISE SPECIFIED:		LINECORD, DETACHABLE, 10A, 240V, BRITISH					
MATERIALS	FINISHES						
DIMENSIONS IN ± .2 ± .1 ± .05	TOLERANCE ± .1 ± .05	SCALE NONE	D	DWG NO: AD-01357	REV B		

DWG NO. AD-01355	SHT 1	REV B

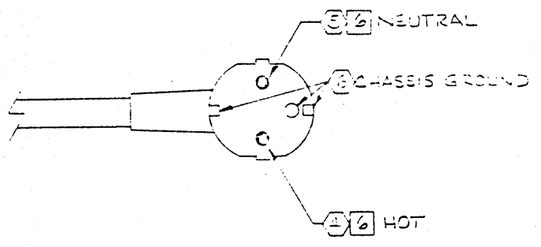
REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	12 SEP 85	RELEASE PER ECO 0293	[illegible]	[illegible]
B	CC	10-28-85	+LV FILL PER ECO 0306	[illegible]	12/3/85





ASSEMBLY INSTRUCTIONS - CONNECTOR 'A'

1. PREPARE CABLE
   a. STRIP JACKET & FOIL (IF PRESENT) 1.30 INCHES.
   b. STRIP WIRES .30 & TIN. (SOLDER DRAIN WIRE, IF PRESENT, TO GRN/YEL WIRE)
2. INSTALL BOOT OVER CABLE; CABLE JACKET SHOULD BE FLUSH WITH LIP (SMALL DIAMETER) OF BOOT.
3. CONNECT WIRES AT INDICATED SCREWS.
4. INSTALL CLAMP, ENSURING NO WIRES ARE PINCHED.
5. INSTALL COVER, ENSURING LIP OF BOOT IS PROPERLY ENGAGED IN HOUSING & COVER RECESSES.



NOTES

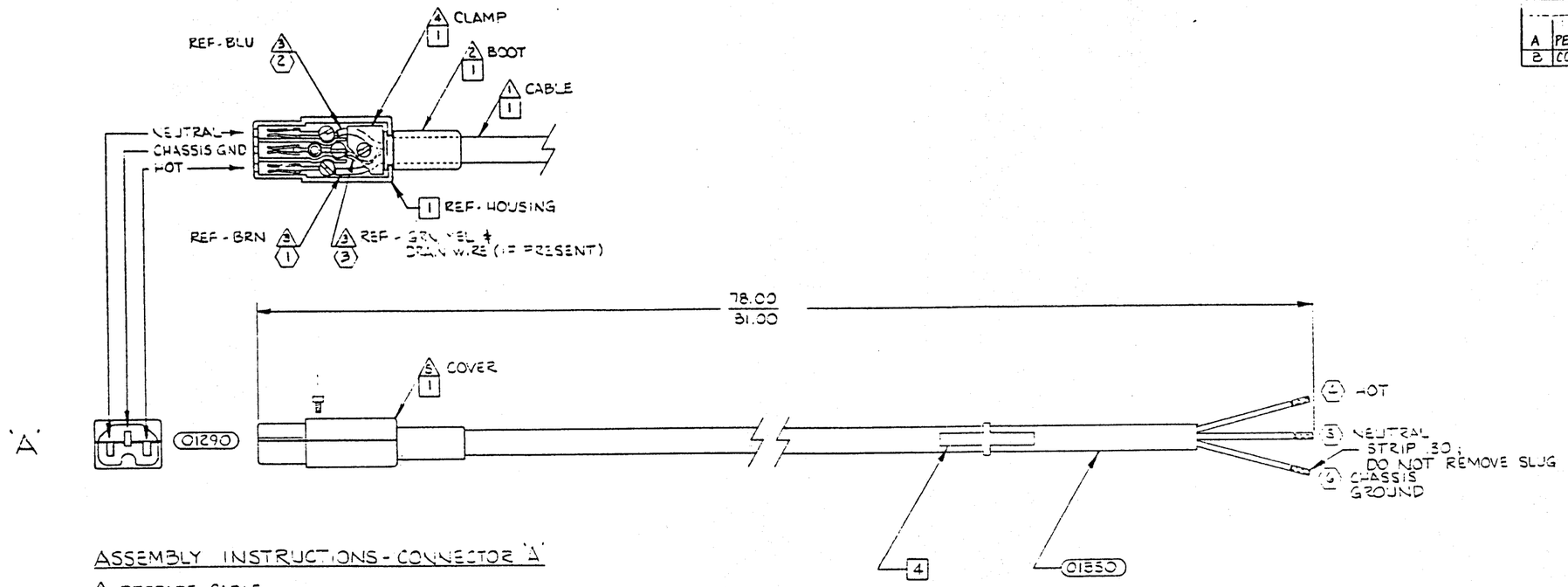
1. INTERNAL & EXTERNAL APPEARANCE OF CONNECTOR COMPONENTS MAY DIFFER FROM ILLUSTRATION.
2. ○ SYMBOL REFERS TO STATION NUMBER ON W/ RELIST NO. - 01355.
3. REFER TO LIST OF MAT'L LM- 01355.
4. PERMANENTLY MARK, .125 MIN HIGH, APPROX. WHERE SHOWN (TAG OR LABEL ACCEPTABLE):
   - PART NUMBER (82- 01355),
   - REVISION LEVEL
5. BAG (1) EACH.
6. SCHUKO SYSTEM IS UNPOLARIZED; OPPOSITE CONNECTION OF HOT & NEUTRAL IS ACCEPTABLE.

PENDING
UNISYS
APPROVAL
ECO# 0485

DR Fmc	7/18/85					
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV
ME		REVISIONS				
EE		XENO INC. MOUNTAIN VIEW, CALIFORNIA				
PE						
UNLESS OTHERWISE SPECIFIED:		LINECORD, DETACHABLE, 10A, 240V, SCHUKO				
MATERIALS	FINISHES					
DIMENSIONS IN	TOLERANCE	SCALE NONE	SIZE D	DWG NO. AD-01355	REV B	

NO	DESCRIPTION	APPD	DATE
A	PER 12SEP85 RELEASE PER ECO 0293	[illegible]	9/12/85
B	CC 10-28-85 REV FILL PER ECO 0306	[illegible]	[illegible]

AD-01353 SHT 1 REV B



ASSEMBLY INSTRUCTIONS - CONNECTOR 'A'

1. PREPARE CABLE
   a. STRIP JACKET & FOIL (IF PRESENT) 1.30 INCHES.
   b. STRIP WIRES .30 & TIN. (SOLDER DRAIN WIRE, IF PRESENT, TO GRN/YEL WIRE.)
2. INSTALL BOOT OVER CABLE; CABLE JACKET SHOULD BE FLUSH WITH LIP (SMALL END) OF BOOT.
3. CONNECT WIRES AT INDICATED SCREWS.
4. INSTALL CLAMP, INSURING NO WIRES ARE PINCHED.
5. INSTALL COVER, INSURING LIP OF BOOT IS PROPERLY ENGAGED IN HOUSING & COVER RECESSES.

NOTES

1. INTERNAL & EXTERNAL APPEARANCE OF CONNECTOR COMPONENTS MAY DIFFER FROM ILLUSTRATION.
2. ◯ SYMBOL REFERS TO STATION NUMBER ON WIRELIST WL- 01353.
3. REFER TO LIST OF MAT'L LM- 01353.
4. PERMANENTLY MARK, .125 MIN HIGH, APPROX. WHERE SHOWN (TAG OR LABEL ACCEPTABLE):
   - PART NUMBER (32- 01353);
   - REVISION LEVEL;
5. BAG (1) EACH.

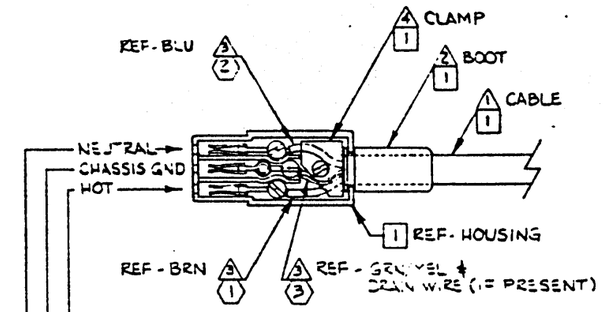
PENDING
UNISYS
APPROVAL
ECO# 0485

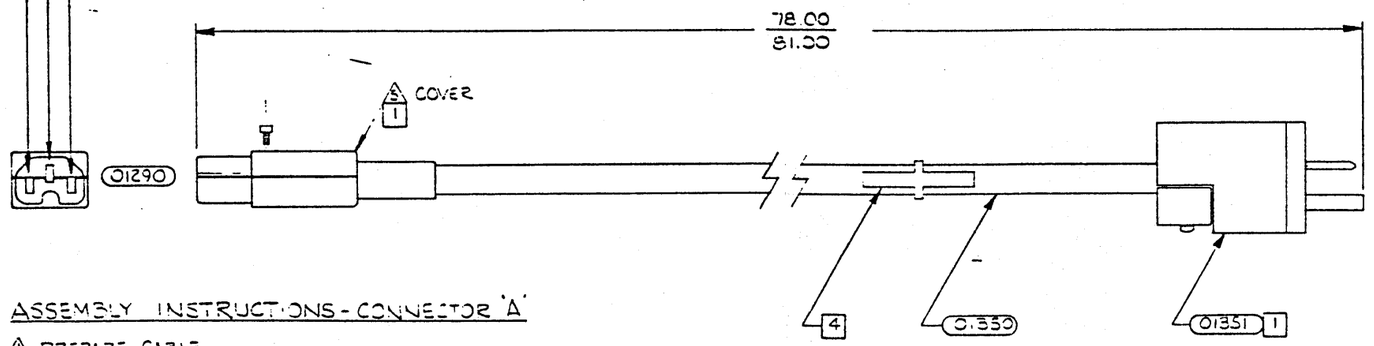
Engr 7/22/85		
	LINECORD, DETACHABLE, 10A, 240V, PIGTAIL	
	SCALE	D 10-01353

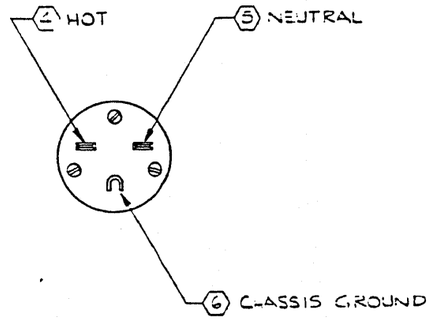
AD-01353

DWG NO. AD-01352	SHT 1	REV B

REVISIONS					
REV.	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	12 SEP 85	RELEASE PER ECO 0293		10 27 85
B	CC	10-28-85	CHANGE PER ECO 0306		11/1/85







'A'

ASSEMBLY INSTRUCTIONS - CONNECTOR 'A'

1. PREPARE CABLE
   a. STRIP JACKET & FOIL (IF PRESENT) 1.30 INCHES.
   b. STRIP WIRES .30 & TIN. (SOLDER DRAIN WIRE, IF PRESENT, TO GRN/YEL WIRE.)
2. INSTALL BOOT OVER CABLE; CABLE JACKET SHOULD BE FLUSH WITH LOW RIDGE (SMALL) OF BOOT.
3. CONNECT WIRES AT INDICATED SCREWS.
4. INSTALL CLAMP, INSURING NO WIRES ARE PINCHED.
5. INSTALL COVER, INSURING LIP OF BOOT IS PROPERLY ENGAGED IN HOUSING & COVER RECESSES.

NOTES

1. INTERNAL & EXTERNAL APPEARANCE OF CONNECTOR COMPONENTS MAY DIFFER FROM ILLUSTRATION.
2. ◯ SYMBOL REFERS TO STATION NUMBER OF WIRELIST WL- 01352.
3. REFER TO LIST OF MAT'L LM- 01352.
4. PERMANENTLY MARK, SIZE MIN HIGH, APPROX. WHERE SHOWN (TAG OR LABEL ACCEPTABLE):
   - PART NUMBER (SZ- 01352),
   - REVISION LEVEL;
5. BAG (1) EACH.

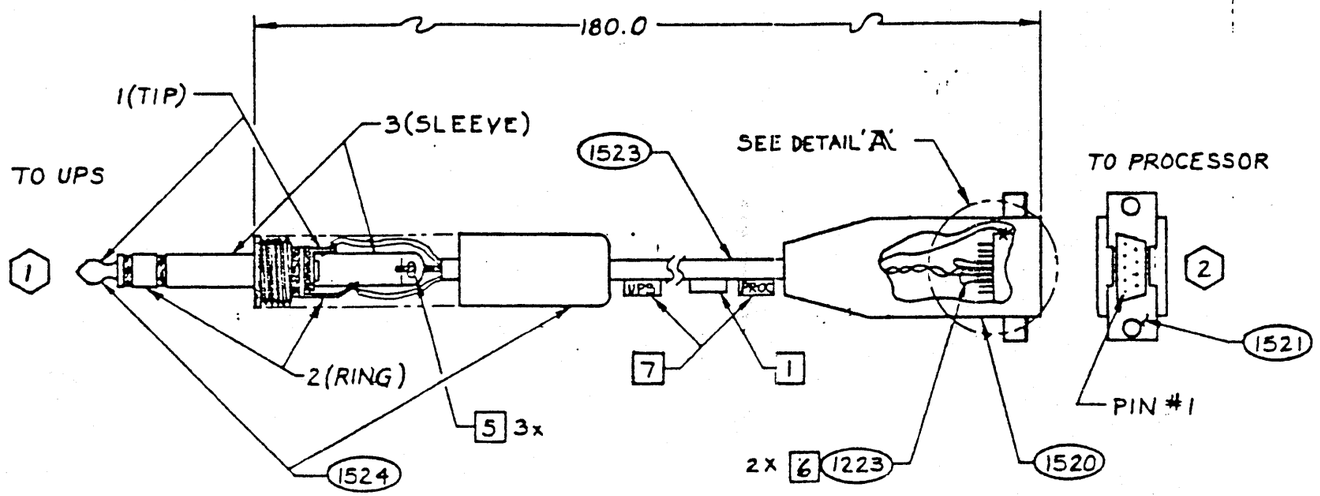
PENDING
UNISYS
APPROVAL
ECO# 0485

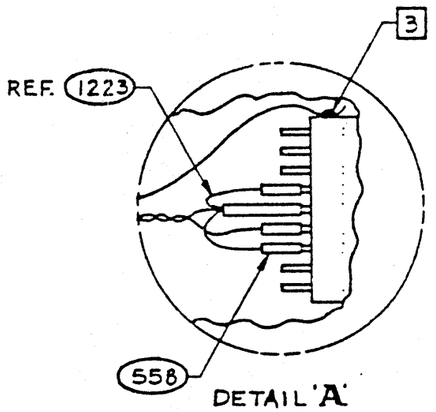
DR Enz	7/19/85						
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV	
ME		REVISIONS					
EE		XENO					
PE							
UNLESS OTHERWISE SPECIFIED:		LINECORD, DETACHABLE, 10A, 240V, CHINESE					
MATERIALS	FINISHES						
DIMENSIONS ARE:	TOLERANCE	SCALE NONE	SIZE D	DWG NO. AD-01352	REV B		
		SHT 1 OF 1					

DWG NO. AD-01494	SHT 1	REV A

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	26 SEP 85	PROD. RELEASE PER ECO 03901	[illegible]	10/5/85





NOTES: UNLESS OTHERWISE SPECIFIED

1. PERMANENTLY MARK WITH PART NO. (82-01494) AND LATEST REV. APPROX. WHERE SHOWN.
2. ⬡ SYMBOL INDICATES STATION NO. ON WIRE LIST WL-01494.
3. DRAIN WIRE TO BE SOLDERED TO METAL HOUSING AS SHOWN.
4. REFER TO LIST OF MATERIALS ON LM-01494.
5. REMOVE SCREWS, IF ANY, AND DISCARD. STRIP WIRES AND SOLDER INTO HOLES.
6. SOLDER (2) 1.00" JUMPER WIRES TO BLACK WIRE FROM 2 (RING), AND SHRINK COVER. ONE JUMPER WIRE CONNECTS TO PROC. PIN #2, OTHER JUMPER WIRE CONNECTS TO PROC. PIN #8, AND SHRINK COVER.
7. PERMANENTLY MARK WITH APPROPRIATE IDENTITIES (UPS/PROC.) MINIMUM .125" HIGH LETTERING, APPROX. WHERE SHOWN.

DR	PEA	13 AUG 85				
CK			NEXT ASSY	APPVD	DATE	PR/DCN	REV
ME			REVISIONS				
EE			XENO MICRO SYSTEMS				
PE							

UNLESS OTHERWISE SPECIFIED:

MATERIALS —

FINISHES —

DIMENSIONS IN .X ± .1 .XX ± .03 .XXX ± .010

TOLERANCE ANGLES ± 1.0

CABLE ASSEMBLY
UPS CABLE
(TOPAZ)

SCALE —

SHT 1 OF 1

C

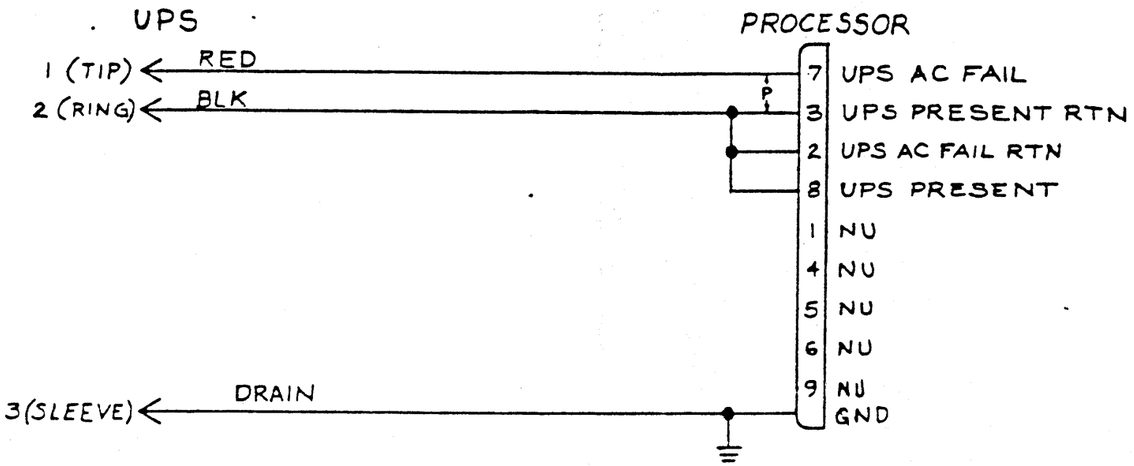
DWG NO. AD-01494

REV A

DWG NO. WD-01494	SHT 1	REV A

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	PEA	26 SEP 85	PROD. RELEASE PER ECO 0301		10/15/85



DR PEA	13 AUG 85					
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV
ME		REVISIONS				
EE						
PE		XENO MICROSYSTEMS				

UNLESS OTHERWISE SPECIFIED:

MATERIALS —

FINISHES —

WIRING DIAGRAM
UPS CABLE
(TOPAZ)

DIMENSIONS IN

TOLERANCE

SCALE —

SHT 1 OF 1

DWG NO. WD-01494

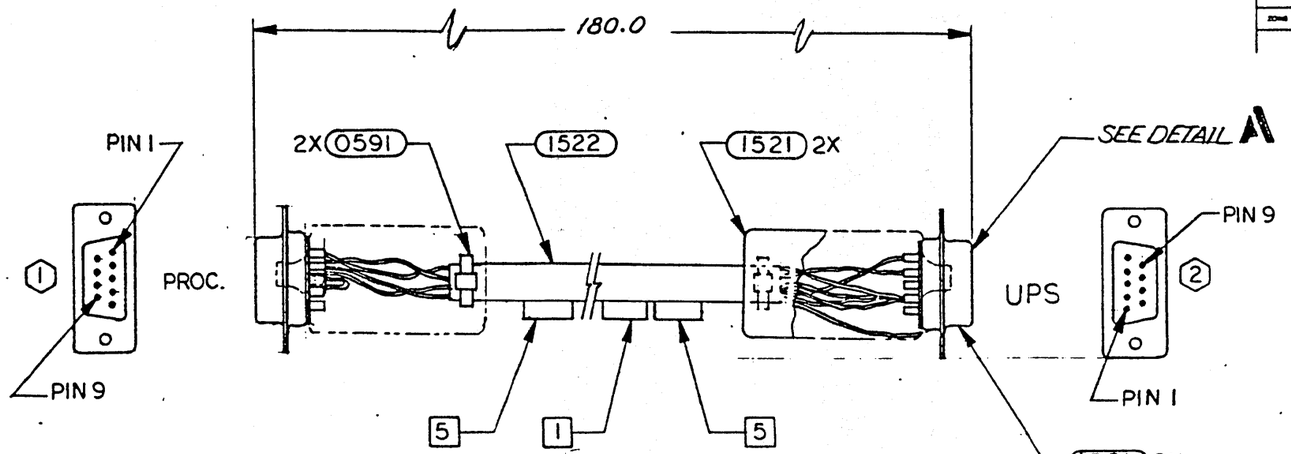
REV A

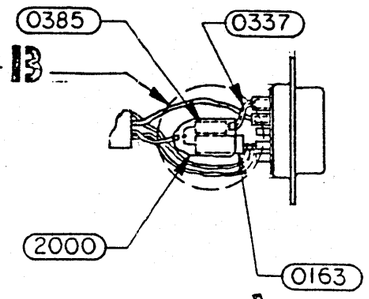
WD-01494

CBL ASSY, UPS EXIDE

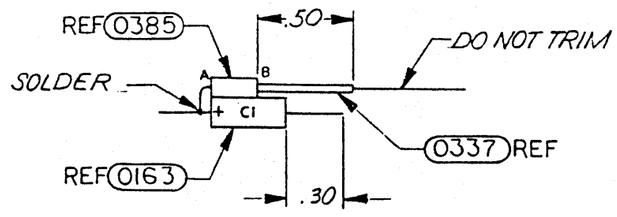
AD-0217.2

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	PROD. REL PER ECO 0622	2-2-87	DH





DETAIL A



DETAIL B
SCALE: 1 TO 1

NOTES; UNLESS OTHERWISE SPECIFIED;

1. PERMANENTLY MARK WITH PART NO. (82-02172) AND LATEST REV. APPROX. WHERE SHOWN.
2. ⬡ SYMBOL INDICATES STATION NO. ON WIRE LIST WL-02172.
3. DRAIN WIRE TO BE SOLDERED TO METAL HOUSING ON PLUG AS SHOWN.
4. REFER TO LIST OF MATERIALS 82-02172.
5. PERMANENTLY MARK WITH APPROPRIATE IDENTITIES (UPS/PROC.) MINIMUM .125 HIGH LETTERING. APPROX. WHERE SHOWN.

DR RON PHILLIPS	1-16-87					
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV
ME		REVISIONS				
EE						
PE		ARETÉ 891 FOX LANE • SAN JOSE CA 95131				
UNLESS OTHERWISE SPECIFIED:		CABLE ASSEMBLY UPS CABLE (EXIDE)				
MATERIALS: SEE L/M	FINISHES:					
DIMENSIONS IN: ✓	TOLERANCE: ±.10	SCALE NONE	SIZE C	DWG NO. AD-02172	REV A	
		SHT 1 OF 1				

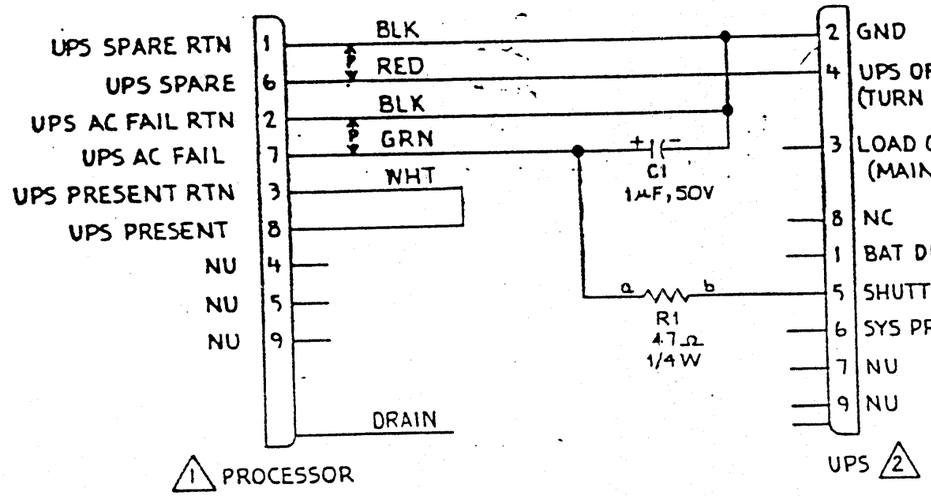
82-02172 SHT 1 REV A

UPS CABLE, EXIDE

DWG NO. WD-02172	SHT 1	REV A

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	LE	12-12-86	PRODUCTION RELEASE PER ECO # 0622	DH	1-1-87



NOTES: UNLESS OTHERWISE SPECIFIED

1. SIGNAL NAMES AS USED IN ARETÉ SYSTEMS.
2. SIGNAL NAMES AS USED BY MANUFACTURER/VENDOR IN THEIR UNITS.

DR MJ	8/9/85	NEXT ASSY	APPVD	DATE	PR/DCN	REV
CK		REVISIONS				
ME						
EE						
PE						

XENO

UNLESS OTHERWISE SPECIFIED:

MATERIALS —

FINISHES —

DIMENSIONS IN

TOLERANCE

WIRING DIAGRAM, UPS CABLE (EXIDE)

SCALE —

SHT 1 OF 1

C

DWG NO. WD-02172

REV A1

WD-02172

4 3 2 1

B C D

REVISION			
REV	DESCRIPTION	DATE	APPR
A	PROD. REL. PER ECO # 0622	2-2-87	DH

NOTES: UNLESS OTHERWISE SPECIFIED

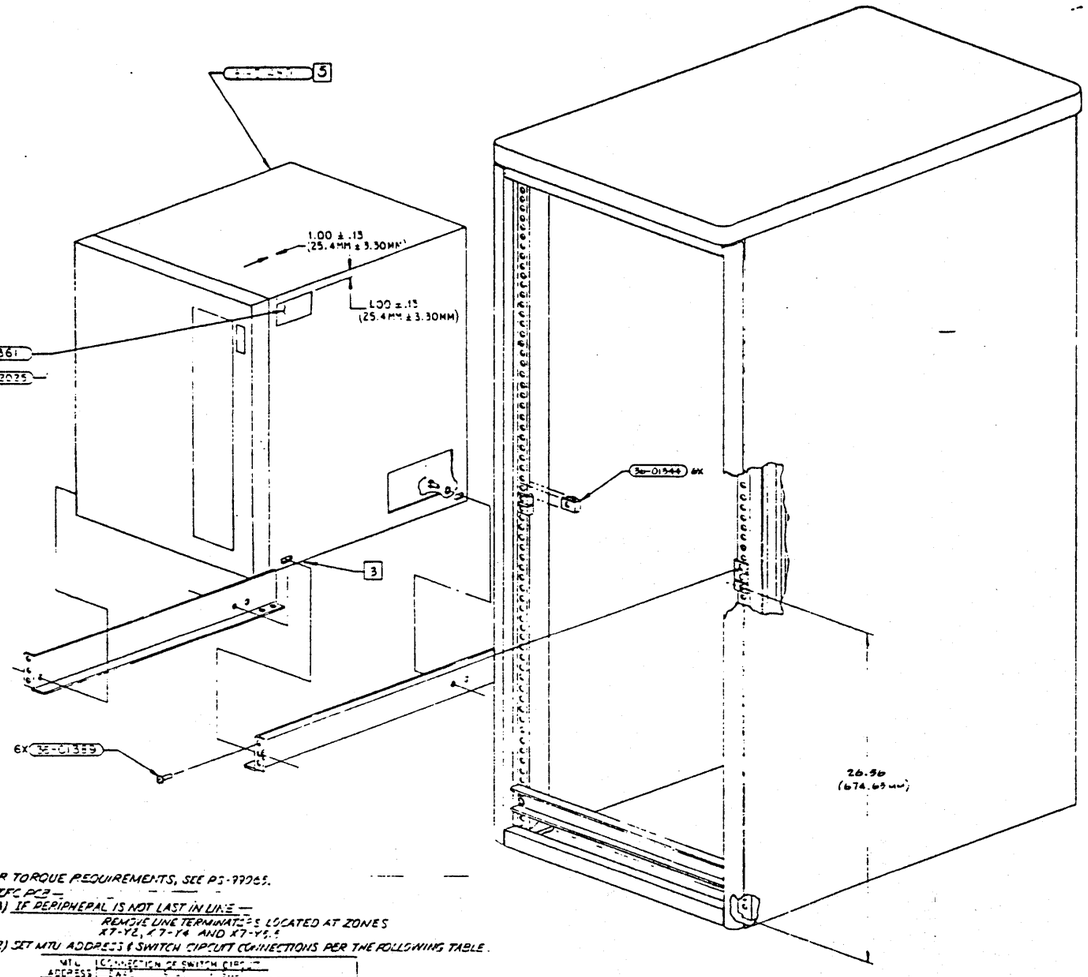
1. **ALL LENGTHS ARE ± 0.01 INCHES**
2. **STRIP AND TIN IS 0.20 INCHES**

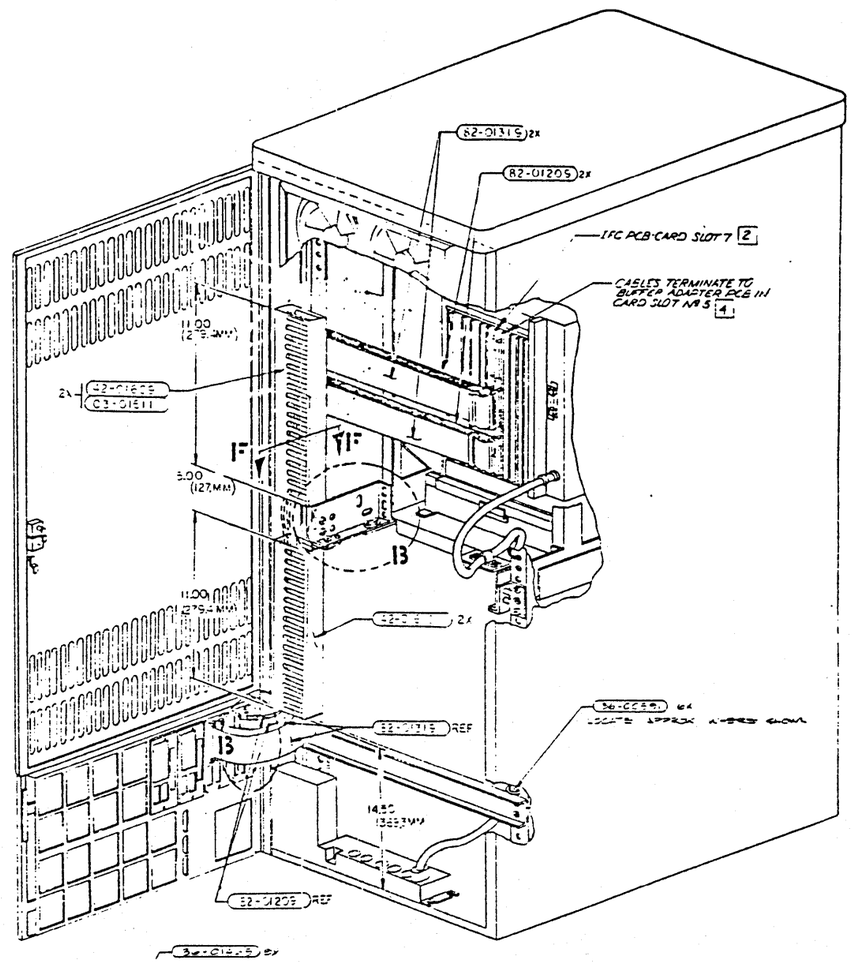
CODE IDENT	**PROJECT NO:**	ARETÉ	
	DR BY: LE	**WIRE LIST,** UPS CABLE (EXIDE)	
	CHECKED BY:		
	REVIEW BY:		
	ENG APPR:		
	USED ON / **NEXT ASSY**	**SIZE**	**DWG NO:** WL~02172 **REV** A
		SCALE: NONE	**SHT 1 OF 2**

WIRE LIST

SIGNAL	FROM	STA	TO	STA	✓	COLOR	SIZE	COMMENTS
UPS SPARE RTN	PROC - 1	1	UPS - 2	2	⊗	BLK	24 AWG	
UPS SPARE	PROC - 6	1	UPS - 4	2	⊗	RED	24 AWG	
UPS AC FAIL RTN	PROC - 2	1	UPS - 2	2	⊗	BLK	24 AWG	
UPS AC FAIL	PROC - 7	1	R1a/C1(+)	2	⊗	GRN	24 AWG	
	R1b	2	UPS - 5	2		—	—	
	C1(-)	2	UPS - 2	2		—	—	
UPS PRESENT RTN	PROC - 3	1	PROC - 8	1		WHT	24 AWG	
UPS PRESENT	R1a	2	C1(+)	2				
	PROC - CONN BODY	1	N/C			DRAIN		NO CONNECTION AT UPS CONNECTOR

REVISIONS					
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	CC	1-18-86	RELEASE PER ECO 0403	[illegible]	1/20/86
B	LE	9-26-86	REVISED PER ECO #0592		9/26/86



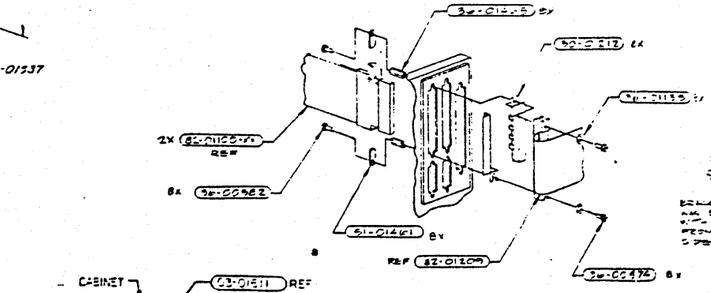


NOTES:

1. FOR TORQUE REQUIREMENTS, SEE PS-99065.
2. IFC PCB —
   A) IF PERIPHERAL IS NOT LAST IN LINE — REMOVE LINE TERMINATORS LOCATED AT ZONES X7-Y2, X7-Y4 AND X7-Y5.5
   B) SET MTU ADDRESS & SWITCH CIRCUIT CONNECTIONS PER THE FOLLOWING TABLE.

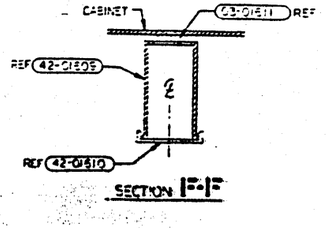
MTU ADDRESS	IC CONNECTION OF SWITCH CIRCUIT — LOC			
0	10-C5	06-C5	C3-C2	C7 (SPARE) C6 (SPARE) C5 C4 IFC PCB IC LOCATION X7-Y1
1	10-C5	06-C5	C3-C2	
2	10-C5	06-C7	C3-C4	
3	10-C5	06-C7	C3-C4	

   EXAMPLE: IF PERIPHERAL IS FIRST IN LINE, MTU ADDRESS IS "0". IF PERIPHERAL IS SECOND IN LINE, MTU ADDRESS IS "1", ETC.
   C) AT I.C LOCATION X7-Y1 — 1) ON 12-13 - REMOVE JUMPER
   2) ON 14-13 - ADD JUMPER
3. OPEN SERVICE PANEL TO GAIN ACCESS TO FRONT MTG SCREWS
4. BUFFER ADAPTER PCB — A) IF PERIPHERAL IS NOT LAST IN LINE — REMOVE LINE TERMINATORS LOCATED AT ZONE X7-Y4.5, X7-Y5 & X7-Y7.5
5. THE FUJI 2444AC INTERFACE CHARACTERISTICS MAY BE REPROGRAMMED BY A SET OF PARAMETERS WHICH ARE STORED IN NON-VOLATILE MEMORY IN THE TAPE DRIVE. THE VALUES OF THESE PARAMETERS ARE AS FOLLOWS.
   (1) DT = 00 (DEVICE TYPE: LOW SPEED, FIXED IBG, CDC COMPATIBLE MODE 6250 HOST CHANGEABLE).
   (2) P0 = 01 (DATA TRANSFER RATE: 6.15 K B/S)
   (3) P1 = 01 (IRG/DELAY EMULATION: .2 SEC.)
   (4) P2 = 02 (WRITE RETRY TIMES BY BUFFER ADAPTER: 4 TIMES)
   (5) P3 = 02 (READ RETRY TIMES BY BUFFER ADAPTER: 4 TIMES)
   (6) P4 = 00 (BUFFER OVERWRITE MODE / LOGICAL EOT MODE: STOP DATA TRANSFER & WAIT FOR AVAILABLE & LOGICAL EOT SUPPORT MODE
   (7) P5 = 00 (BUFFER SYNCHRONIZING: WRITE: DOUBLE TAPE MARK COMMAND OR WRITE SYNC COMMAND OR DIRECTION CHANGE COMMAND. READ: DOUBLE TAPE MARK, EOT OR EOT OR DIRECTION CHANGE COMMAND
   (8) P6 = 00 (READ STROBE IN WRITE COMMAND: STROBE ISSUED WITH WRITE STROBE)
   (9) P7 = 01 (A.F.T.E. BUS PARITY CHECK MODE: P.C. CHECK)
6. IDENTIFY KIT WITH PART NO. 68-01537

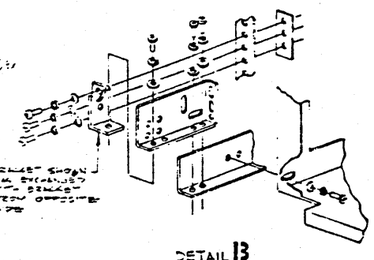


DETAIL A

ONLY ONE CABLE, PART NO. 82-01209-19 SHOWN FOR CLARITY



SECTION F-F



DETAIL 13

RAILS AND MTG HARDWARE ARE SUPPLIED WITH 4 EA. PART NO. 82-01205. REMOVE, DISASSEMBLE AND RE-ASSEMBLE AS SHOWN IN DETAIL B.

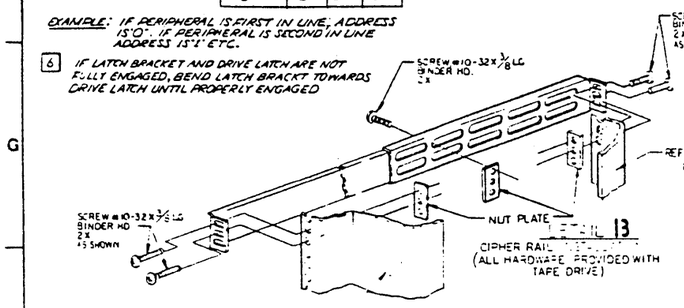
DO NOT SCALE DRAWING			NEXT ASSY	APPVD / DATE
QTY				
MFG			REVISIONS	
ENG				
PM			ARETÉ	
UNLESS OTHERWISE SPECIFIED			KIT, 9-TRACK (FUJITSU) ARETÉ	
MATERIALS	FINISHES			
DIMENSIONS IN: [illegible]	TOLERANCE: [illegible]		SCALE NTS	SIZE E
			SHT 1 OF 1	DWG NO IK-01537 REV E

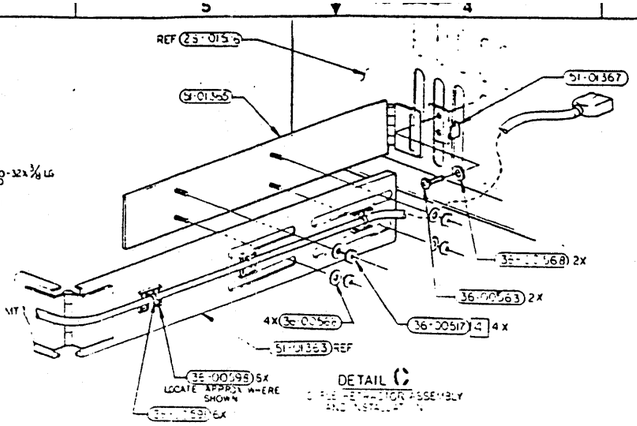
5 — DRIVE FORMATTER PCB - EACH DRIVE MUST HAVE ITS UNIQUE ADDRESS SET UP ON SWITCHES S1, S2 & S3 AT LOCATION U8W

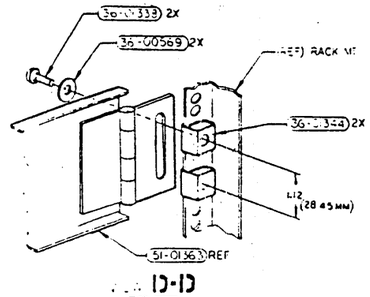
ADDRESS	S1	S2	S3
0	C	C	C
1	C	C	O
2	C	O	C
3	C	O	O

EXAMPLE: IF PERIPHERAL IS FIRST IN LINE, ADDRESS IS '0'. IF PERIPHERAL IS SECOND IN LINE ADDRESS IS '1' ETC.

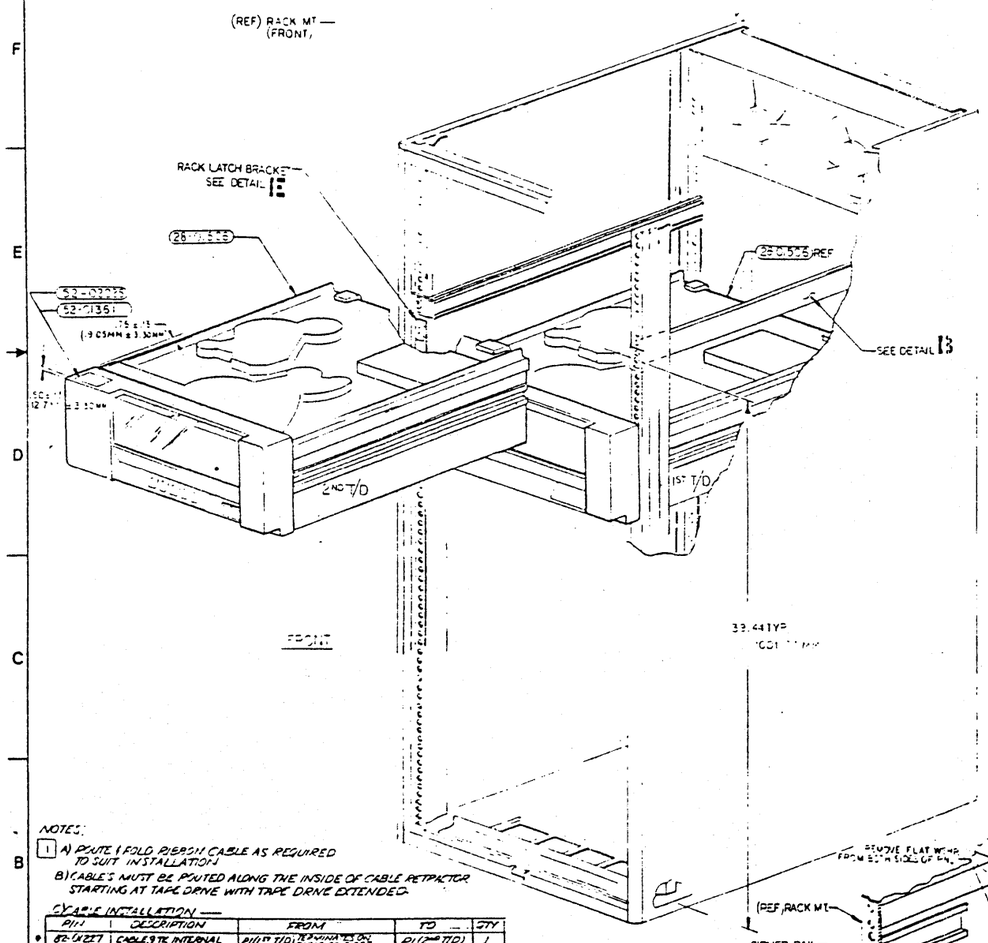
6 IF LATCH BRACKET AND DRIVE LATCH ARE NOT FULLY ENGAGED, BEND LATCH BRACKET TOWARDS DRIVE LATCH UNTIL PROPERLY ENGAGED

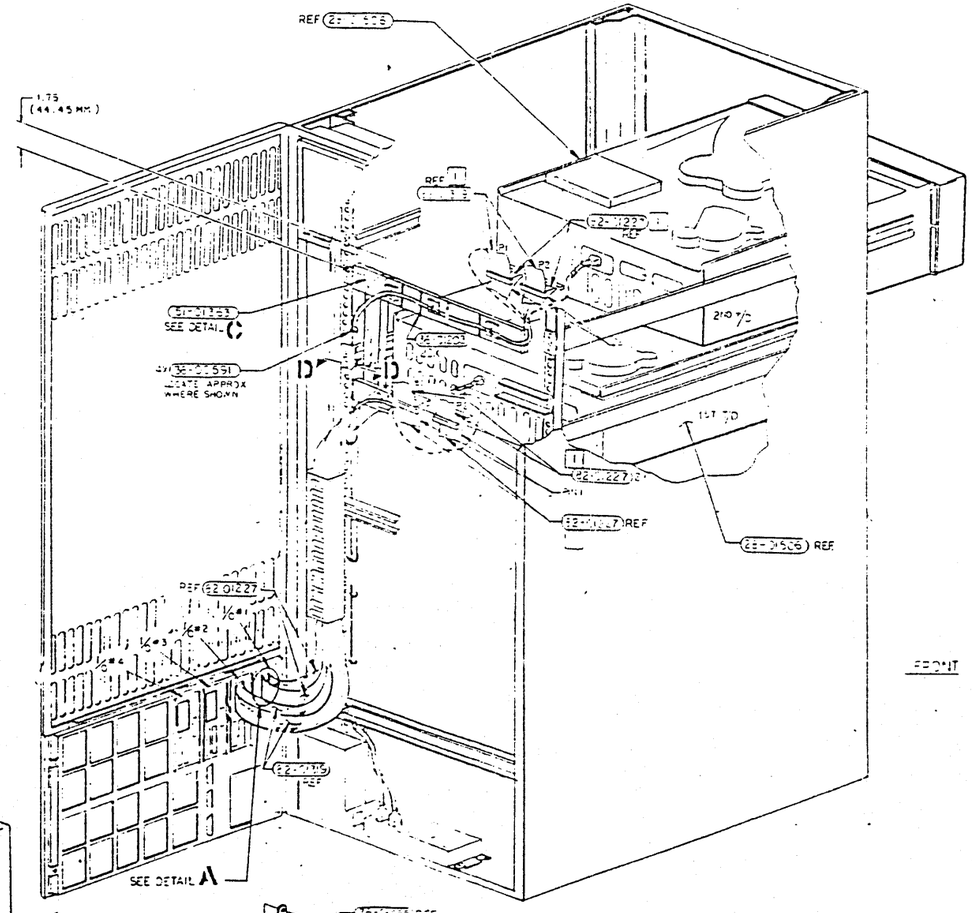






REV	BY	DATE	DESCRIPTION	APPROV	DATE
A	CC	1-18-86	RELEASE PER ECO 0479		
B	RD	4-1-86	REVISE PER ECO & DATE		
C	LE	5-19-86	REVISED PER ECO # 0511		
D	LE	7-28-86	REVISED PER ECO # 0592		
E	LE	9-12-86	REVISED PER ECO # 0603A		
F	LE	11-24-86	REVISED PER ECO # 0686		





NOTES:

1 A) ROUTE & FOLD RIBBON CABLE AS REQUIRED TO SUIT INSTALLATION

B) CABLES MUST BE ROUTED ALONG THE INSIDE OF CABLE RETRACTOR STARTING AT TAPE DRIVE WITH TAPE DRIVE EXTENDED.

CABLE INSTALLATION —

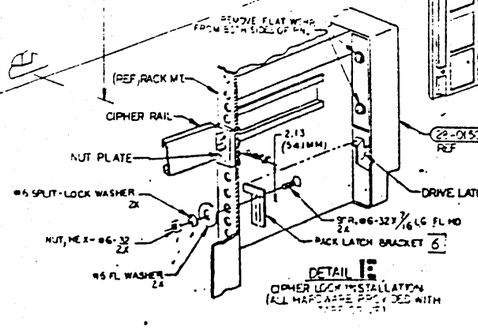
P/N	DESCRIPTION	FROM	TO	QTY
* 82-01227	CABLE, 9 TK INTERNAL	P1 (1ST T/D) (TERMINATED ON CABLE 82-01227)	P1 (2ND T/D)	1
* 82-01227	CABLE, 9 TK INTERNAL	P2 (FITTED TERMINATED ON CABLE 82-01227)	P2 (1ST T/D)	1

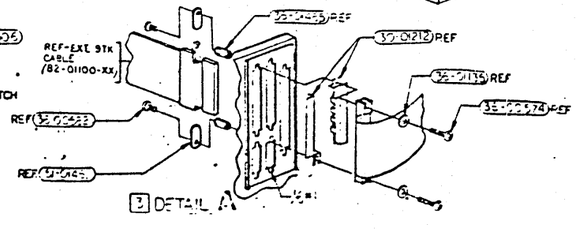
* IF PREVIOUS INSTALLATION INCLUDED INSTALLED EXIT CABLES 82-01319:
1) DISCONNECT CABLE AT END TERMINATED ON CABLE 82-01227. REROUTE & ATTACH IN SAME MANNER TO 2ND T/D
2) REMOVE TERMINATORS IN 2ND T/D AT LOCATION U3W & U10W ON DRIVE FORMATTER PCB
D) REMOVE TERMINATORS IN 1ST T/D LOCATED ON DRIVE FORMATTER PCB AT LOCATOR U3W & U10W.

2. IDENTIFY KIT BY PART NO. 85-01534

3 ALL MTG. HARDWARE FROM INSTALLATION KIT P/N (85-01492)

4 ADJUST CABLE RETRACTOR AFTER FINAL INSTALLATION, TENSION NOTE





	WEST ASSY	APPVD	DATE	DO NOT SCALE
	REVISIONS			
UNLESS OTHERWISE SPECIFIED				
MATERIALS	FINISHES			
DIMENSIONS IN	TOLERANCE	SCALE NONE	SIZE E	DWG NO

ARETÉ

KIT, 9 TK LOCK 'EM CIPHER ARETÉ

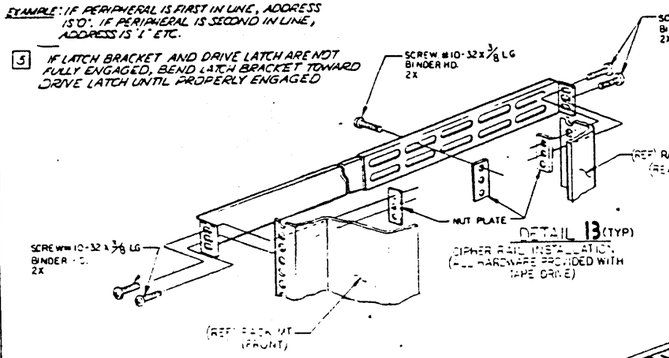
REV	BY	DATE	DESCRIPTION	APPVD	DATE
A	CC	1-18-84	RELEASE PER ECO 0403		1/19/84
B	KC	4-1-85	REVISED PER ECO 0403		4-1-85
C	LE	10-10-04	REVISED PER ECO # 0510		10-10-04
D	LE	10-26-04	REVISED PER ECO # 0532		10-26-04
E	LE	11-24-04	REVISED PER ECO # 0486		11-24-04

4. DRIVE FORMATTER PCB - EACH DRIVE MUST HAVE ITS UNIQUE ADDRESS SETUP ON SWITCHES S1, S2 & S3 AT LOCATION U8W.

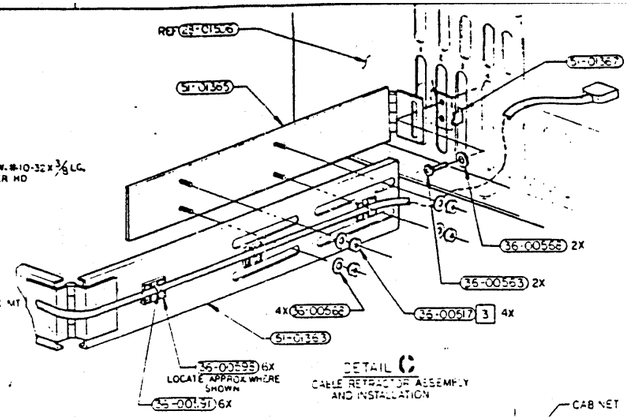
ADDRESS	S1	S2	S3
0	C	C	C
1	C	C	O
2	C	O	C
3	C	O	O

EXAMPLE: IF PERIPHERAL IS FIRST IN LINE, ADDRESS IS "0". IF PERIPHERAL IS SECOND IN LINE, ADDRESS IS "1" ETC.

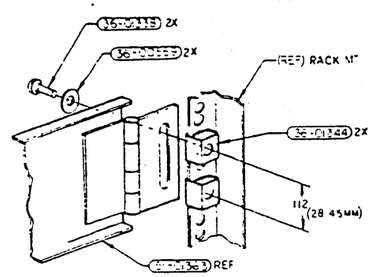
[5] IF LATCH BRACKET AND DRIVE LATCH ARE NOT FULLY ENGAGED, BEND LATCH BRACKET TOWARD DRIVE LATCH UNTIL PROPERLY ENGAGED



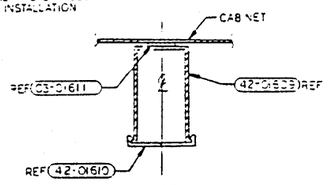
DETAIL B (TYP)
CIPHER RAIL INSTALLATION
(ALL HARDWARE PROVIDED WITH TAPE DRIVE)



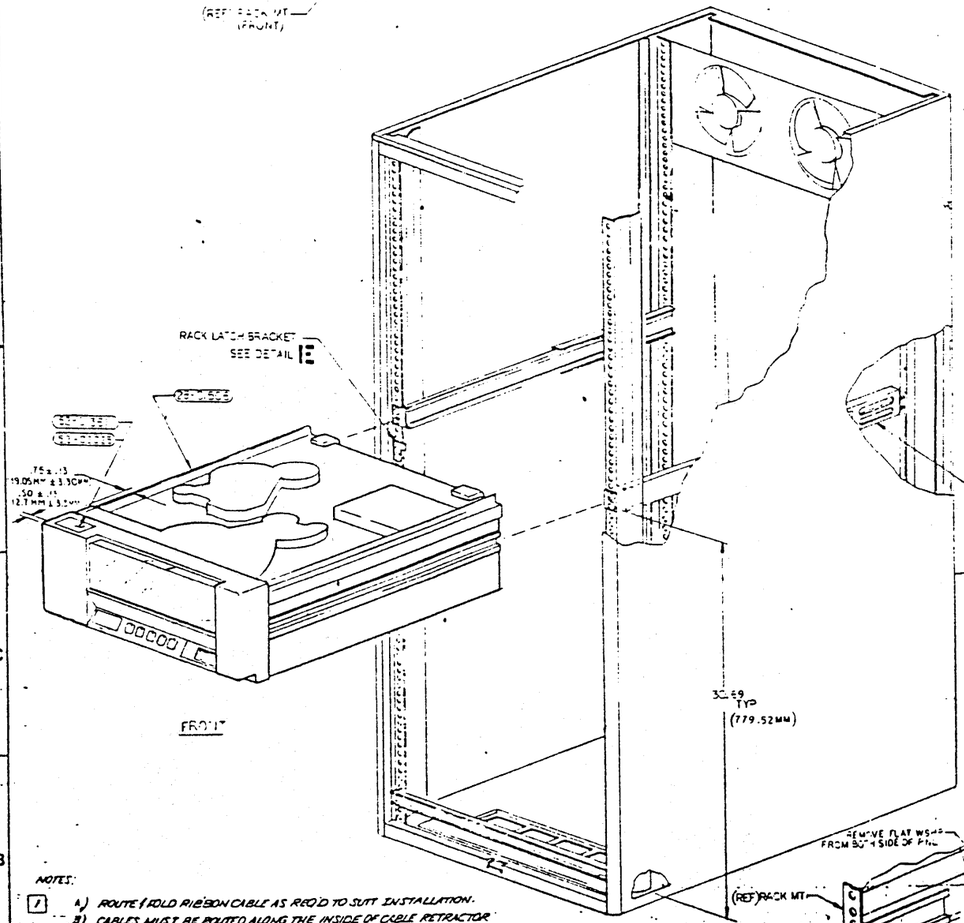
DETAIL C
CABLE RETRACTOR ASSEMBLY AND INSTALLATION

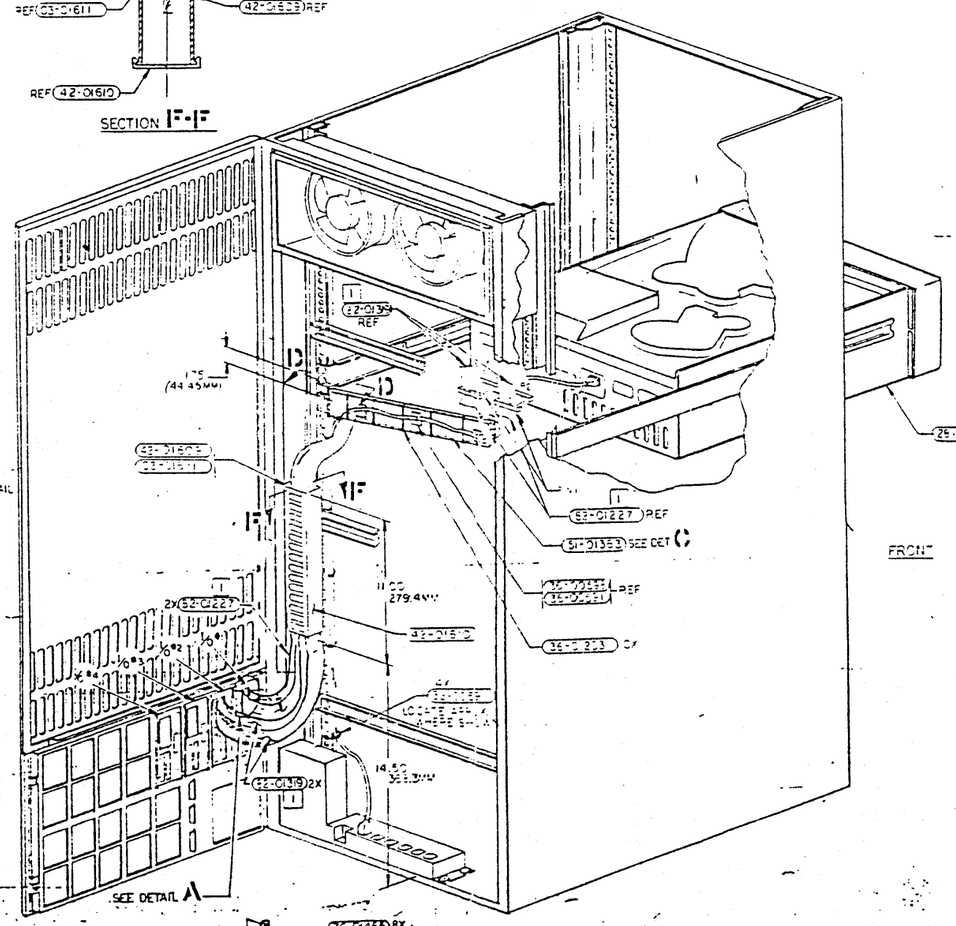


VIEW D-D



SECTION E-E





NOTES:

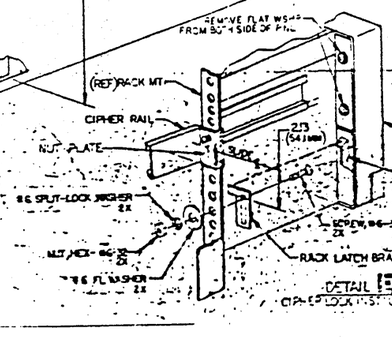
[1] A) ROUTE & FOLD RIBBON CABLE AS REQ'D TO SUIT INSTALLATION.
B) CABLES MUST BE ROUTED ALONG THE INSIDE OF CABLE RETRACTOR STARTING AT TAPE DRIVE WITH TAPE DRIVE EXTENDED.
C) CABLE INSTALLATION -

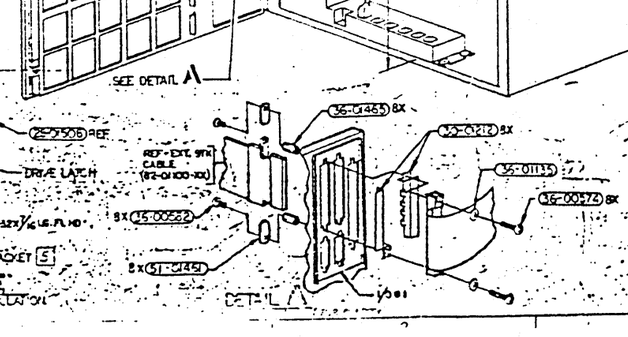
P/N	DESCRIPTION	FROM	TO	QTY
82-01227	CABLE, 9TK INTERNAL	P1	J004 1-9 TK TAPE CABLE 1	1
82-01227	CABLE, 9 TK INTERNAL	P2	J004 1-9 TK TAPE CABLE 2	1
* 82-01319	CABLE 9 TK INTERNAL, EXIT	P1 (TERMINATES ON CABLE RETRACTOR)	J009 2-9 TK TAPE, CABLE 1	1
* 82-01319	CABLE, 9 TK INTERNAL, EXIT	P2 (TERMINATES ON CABLE RETRACTOR)	J009 2-9 TK TAPE, CABLE 2	1

* SHEET CABLES ARE USED WHEN EXITING CABINET. IN DOING SO, REMOVE TERMINATORS FROM DRIVE FORMATTER PCB AT LOCATIONS U3W & U10W.

[2] IDENTIFY KIT BY PART NO. 88-0135

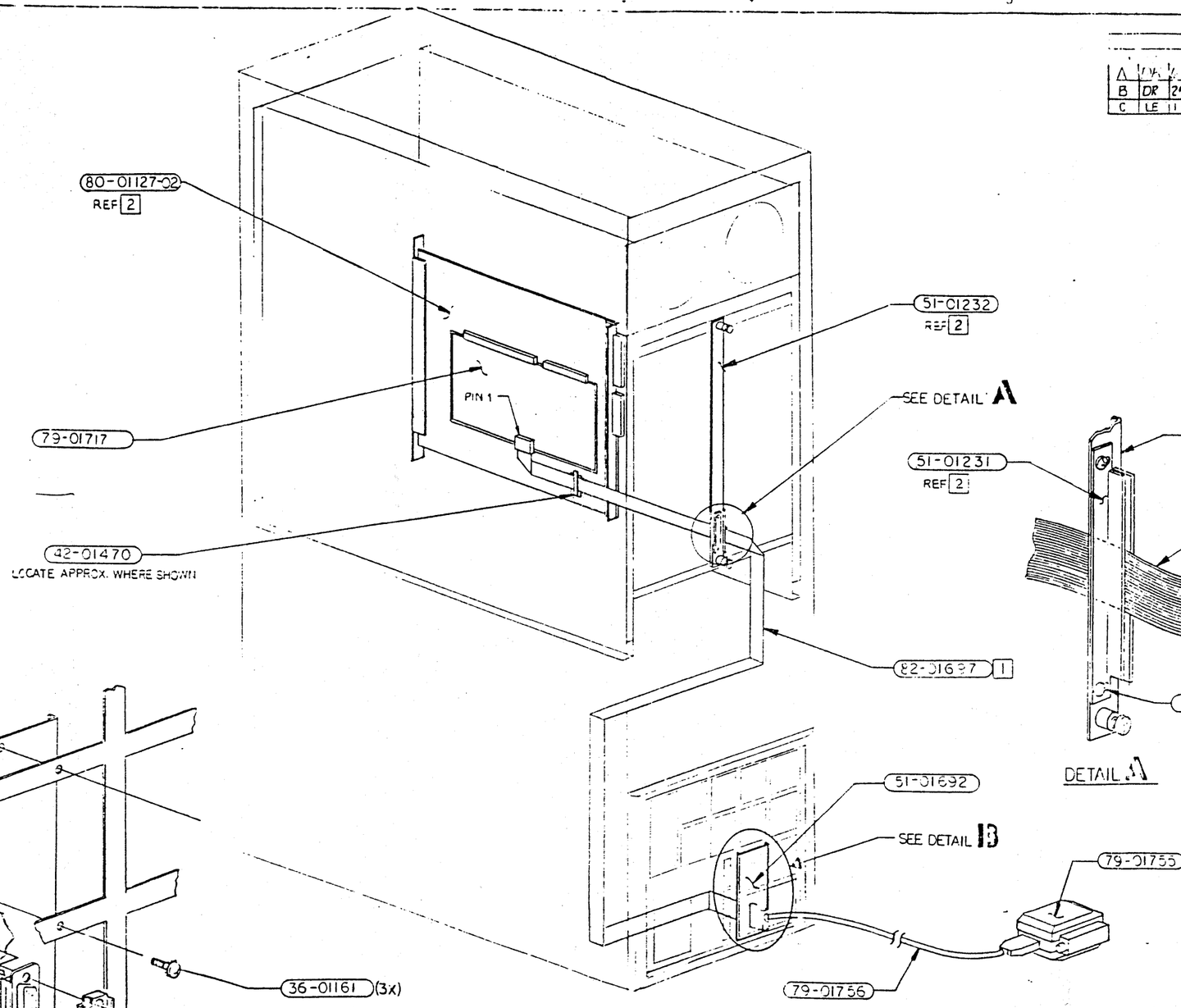
[3] ADJUST CABLE RETRACTOR WHEN PERIPHERAL EXTENDED, TO EXTINGUISH KINKS.

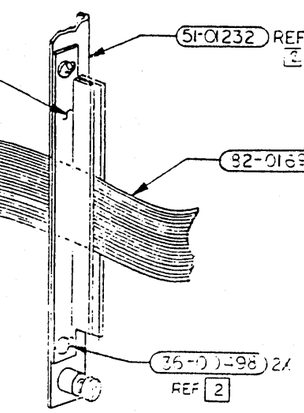




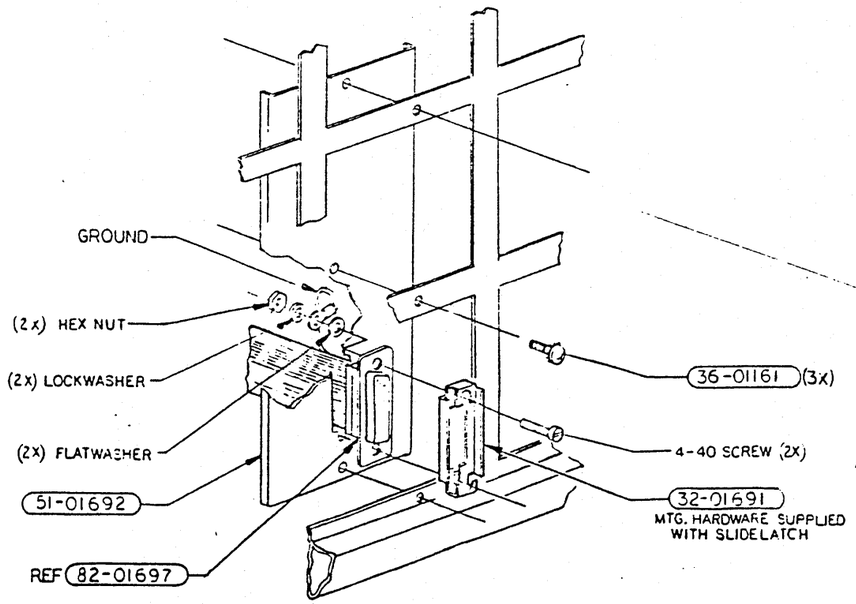
DO NOT SCALE DRAWING		NEXT ASSY	APPVD	DATE
MATERIALS	FINISHES	REVISIONS		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± 1/64 DECIMALS .X ± .1 .XX ± .02 .XXX ± .010 ANGLES ± 1°		ARETE		
		KIT, 9 TRACK (CIPHER) ARETE		
DRAWN	TOLERANCE	SCALE NONE	DWG NO 1K-01575	REV
CHECKED		SHT 1 OF 1		
ENGR APPR				
MFG APPR				

A	DR	25 AUG 86	PROD REL/REVISED DWG NO. PER ECO 0559	GL	12 SEP 86
B	DR	25 AUG 86	REV ROLL ONLY PER ECO 0559	GL	12 SEP 86
C	LE	11-27-87	PROD REL/REVISED DWG NO. PER ECO 0598	GL	11 DEC 87





DETAIL A



DETAIL B

NOTES:

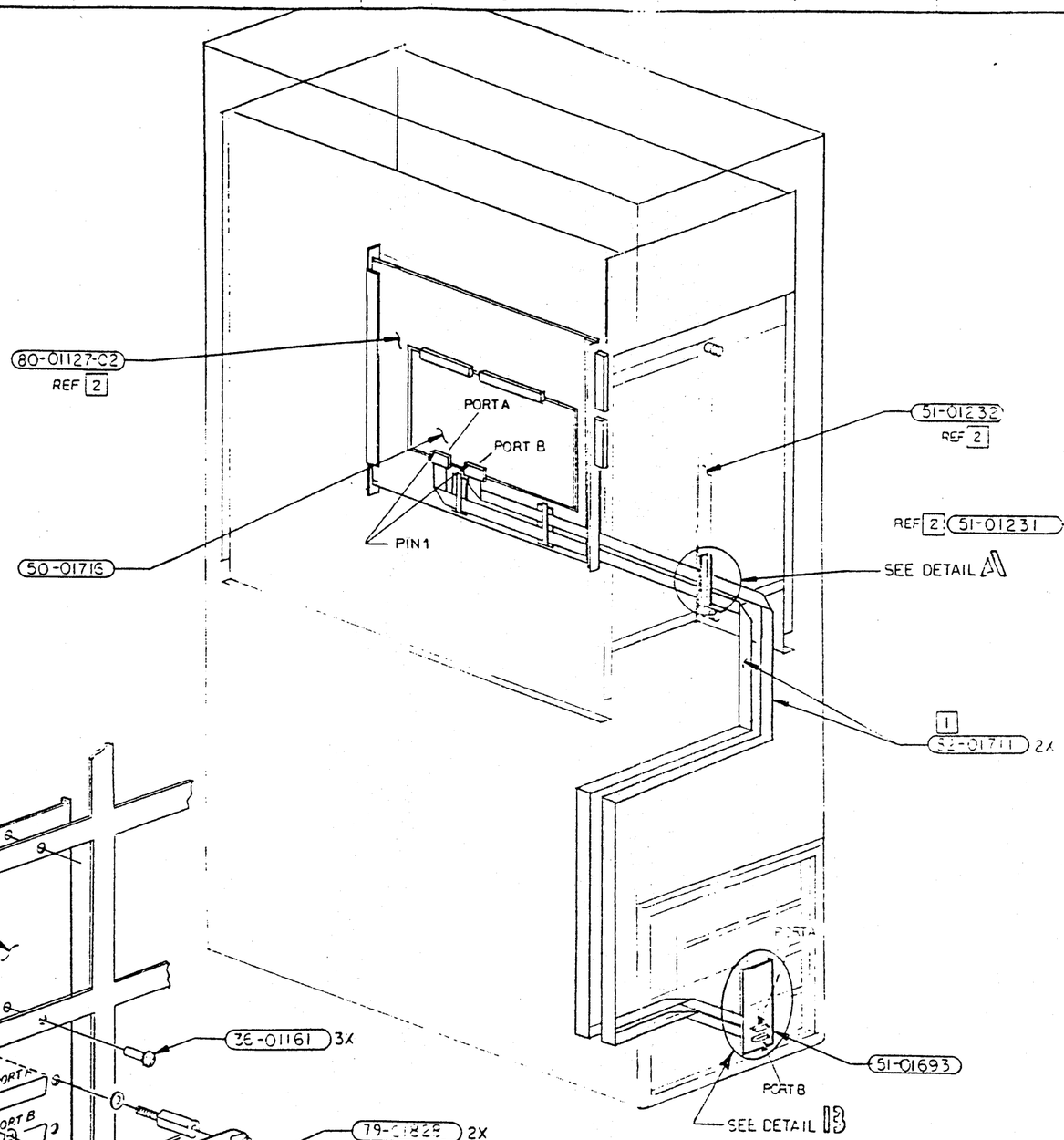
1. BEST METHOD OF CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG. SECURE CABLES USING CABLE TIE (36-00571), CABLE TIE MT. (36-00598), OR FLAT CABLE CLAMP (30-00767). WHERE NEEDED
2. THESE PARTS ARE PART OF MULTIBUS ADAPTER KIT, 88-01349.
3. DRAWING WILL REPRESENT 88-01713-00 AND 88-01713-01.

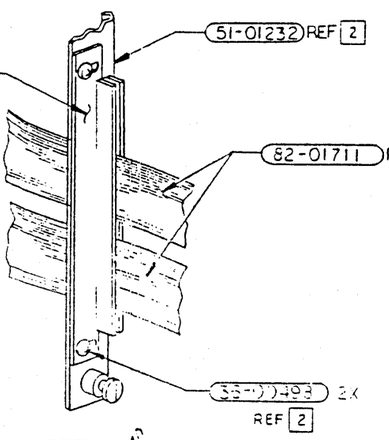
R.PHILIPS KINETICS

KIT, ETHERNET-EXCELAN

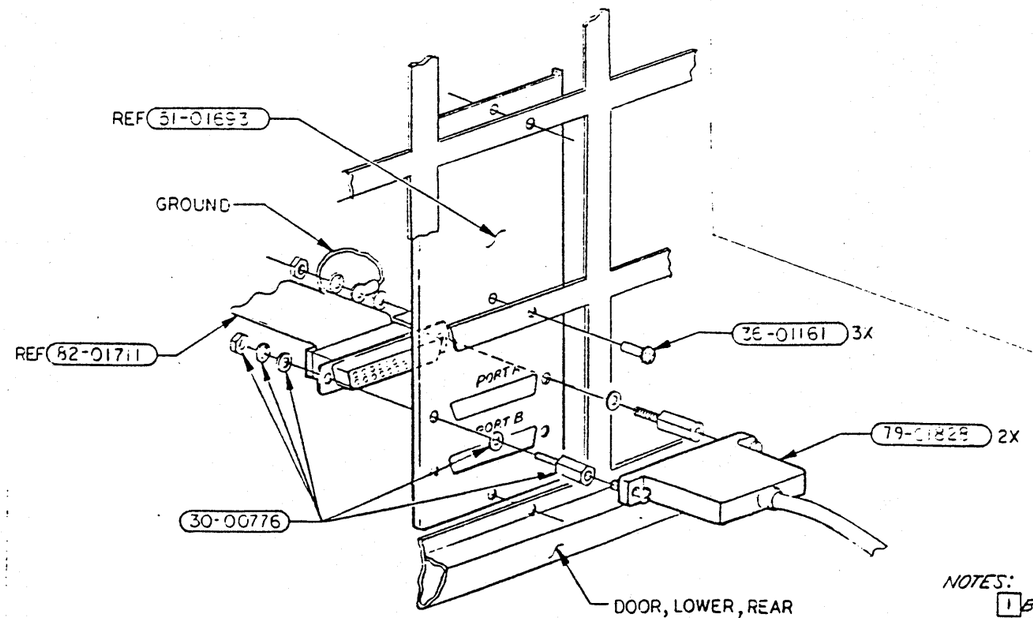
D IK-01713-XX C

B	LE	1-28-87	PROD REL/REVISED DWG NO PER ECO # 3677		





DETAIL A



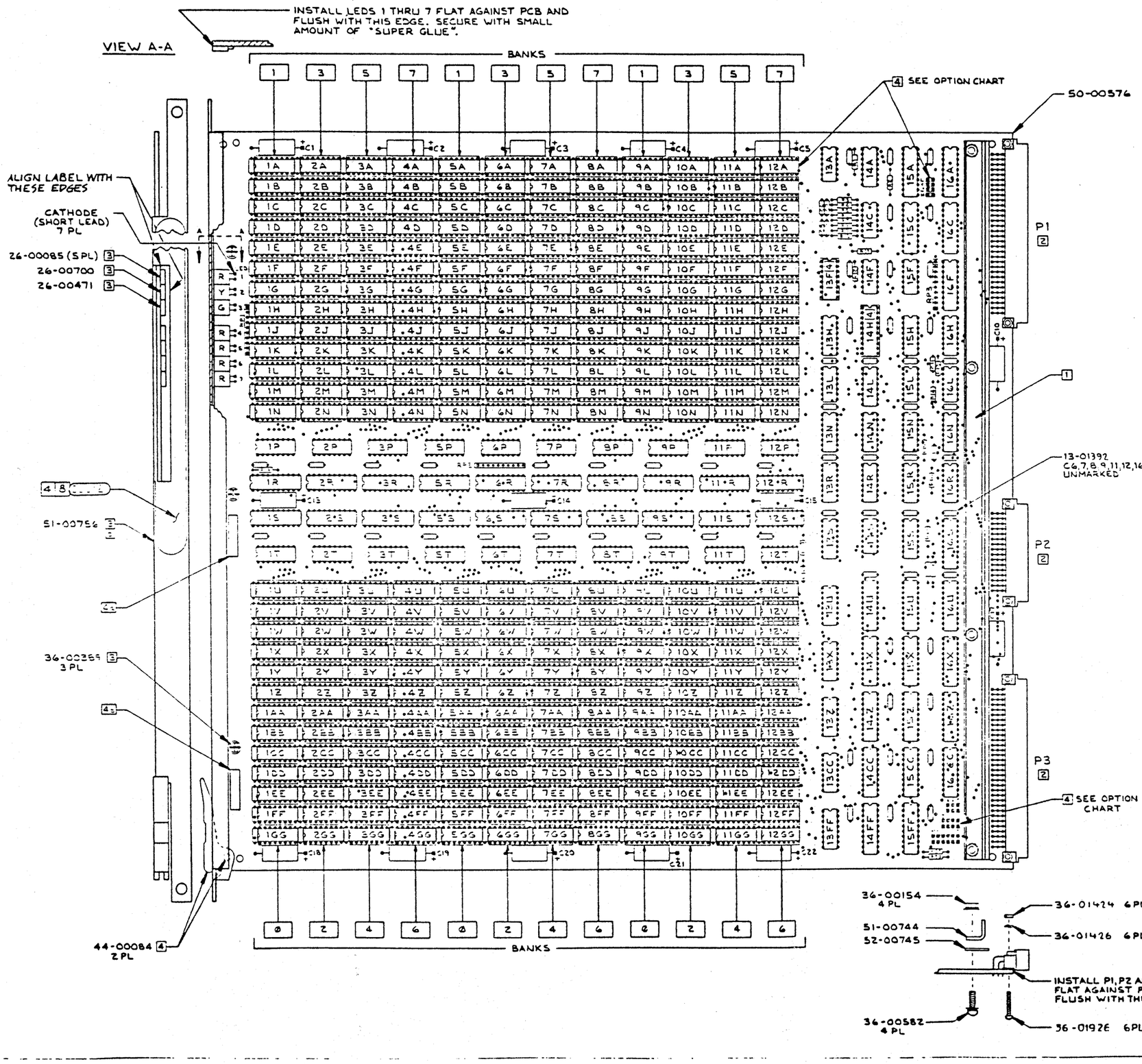
DETAIL B

NOTES:

1. BEST METHOD OF CABLE ROUTING & DRESSING TO BE DETERMINED BY MFG. SECURE CABLES USING CABLE TIES (36-00531), CABLE TIE MOUNTS (36-00598), OR FLAT CABLE CLAMP (30-00767) WHERE NEEDED.
2. THESE PARTS ARE PART OF MULTIBUS ADAPTER KIT, 88-01349.

R PHILLIPS	NOVELTRAN	
		KIT, X.25

88-01714-XX1



DWG NO. AD-00577-XX	SHT 1	REV B3

REVISIONS

REV	BY	DATE	DESCRIPTION	APPVD	DATE
B	PD	2-19-86	PRODUCTION RELEASE PER ECO 0356	[illegible]	5/1/86
B1	RP	3-14-86	REVISED PER ECO 0436A	[illegible]	[illegible]
B2	LE	9-29-86	REVISED PER ECO # 0506	[illegible]	[illegible]
B3	LE	10-29-86	REVISED PER ECO # 0536	[illegible]	[illegible]

4 ASSEMBLY OPTIONS

ASSEMBLY OPTION 80-00577	DRAM CHIP	LOAD IC's AT BANKS:	INSTALL JUMPERS AT:
-02 1MB	64K	0-3	C,E,G,H,K,N,R,T
-04 2MB	64K	0-7	B,E,G,H,L,N,R,S
-06 4MB	256K	0-3	C,D,F,J,K,N,P,S
-08 8MB	256K	0-7	A,D,F,J,L,M,P,S
-12 2MB	256K	0-1	E,C,F,H,L,N,R,S
NOTE: SPARE DRAM AT LOCATION 13F			

NOTES:

1. INSTALL STIFFENER AND INSULATOR PRIOR TO WAVESOLDER.
2. SECURE P1, P2 AND P3 WITH SCREWS, NUTS AND LOCKWASHERS PRIOR TO WAVESOLDER.
3. OPTIONAL 1ST OR 2ND ASSEMBLY.
4. SECOND ASSEMBLY -
   - INDICATED COMPONENTS, INCLUDING SOCKETED IC'S (IF SUPPLIED) SHALL BE INSTALLED AFTER WAVESOLDER.
   - PERMANENTLY MARK WHERE SHOWN:
     a. REVISION NUMBER OR LETTER.
     b. VENDOR NAME OR NUMBER.
5. PRIOR TO WAVESOLDER, MASK:
   - HOLES FOR ALL SHORTAGES, SPARE IC LOCATIONS, OPTIONAL COMPONENTS NOT INCLUDED WITH KIT, AND SECOND ASSEMBLY COMPONENTS.
   - ALL EXPOSED HARDWARE (ie. SCREW HEADS, ETC).
6. REFER TO LM 80-00577-00 FOR ALL NON-SOCKETED COMPONENTS.
7. REFER TO LMS 80-00577-01,-03,-05,-07 FOR ALL SOCKETED COMPONENTS. (IF SUPPLIED).
8. CLEAN SURFACE OF PLATE WITH RUBBING ALCOHOL BEFORE AFFIXING LABEL.

DR CURTIS	7-27-85						
CK		NEXT ASSY	APPVD	DATE	PR/DCN	REV	
ME		REVISIONS					
EE		XENO MICROSYSTEMS					
PE							

UNLESS OTHERWISE SPECIFIED:

MATERIALS / FINISHES

DIMENSIONS IN " | . | ' | mm — TOLERANCE " | ' | "

PCBASSY, MEMORY, 1MB/2MB/4MB/8MB

SCALE FULL | SHT 1 OF 1 | D | DWG NO. AD-00577-XX | REV B1