

Professional Development Center
Glendale Community College

CERTIFICATE OF ACHIEVEMENT

presented to

Jose R. Sanchez

who has completed 80 hours of intensive training in:

Solid Modeling Design using SolidWorks 2007

and is awarded this certificate in recognition of work completed.

Kimberly S. Holland
Director

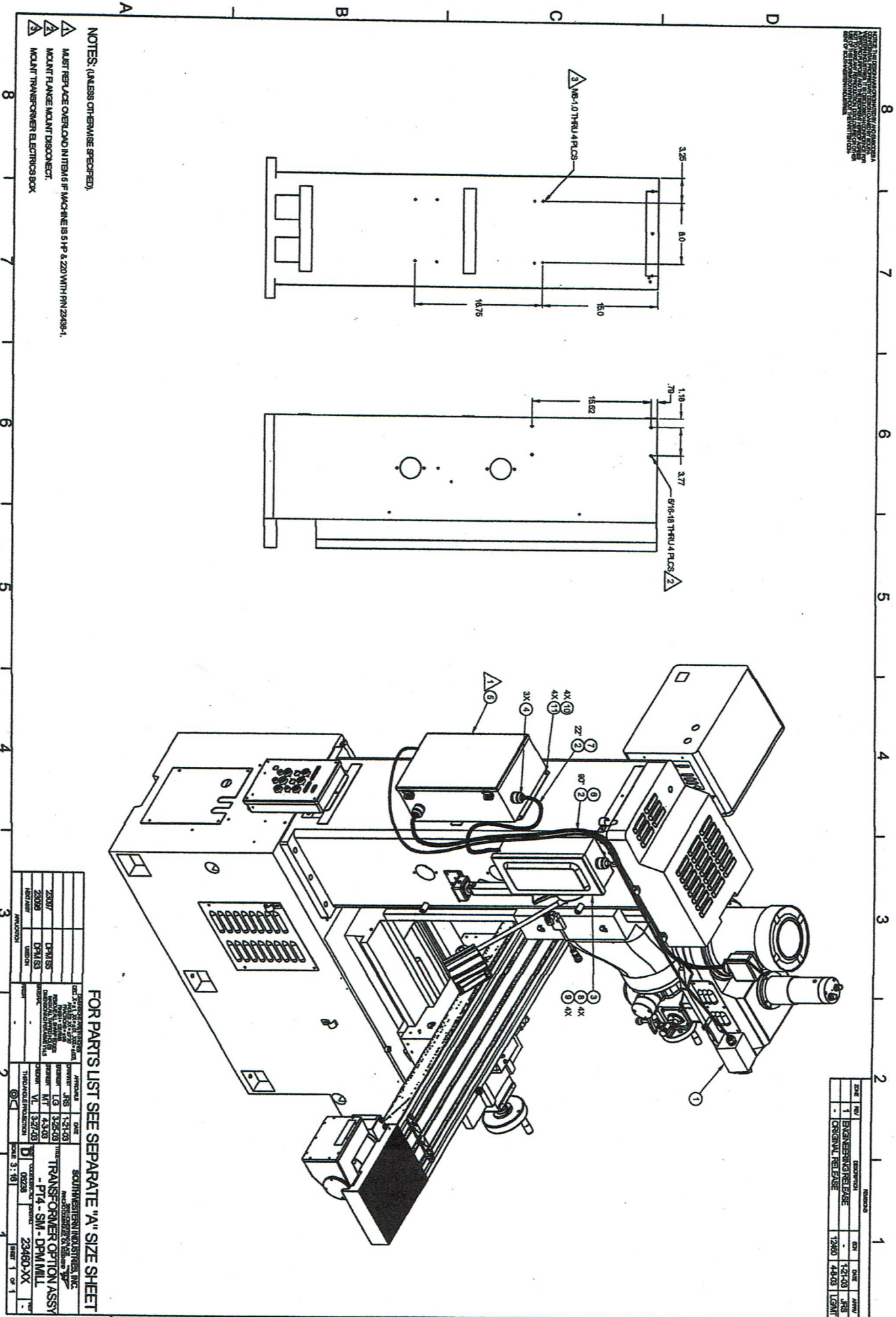
Ernie S. Lopez
Instructor

November 4, 2008

Date



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NOTES: (UNLESS OTHERWISE SPECIFIED)

- ▲ MOUNT REPLACE OVERLOAD IN ITEMS 6 IF MACHINE IS 5 HP & 220 V WITH PN 23638-1
- ▲ MOUNT FLANGE MOUNT DISCONNECT
- ▲ MOUNT TRANSFORMER ELECTRICAL BOX

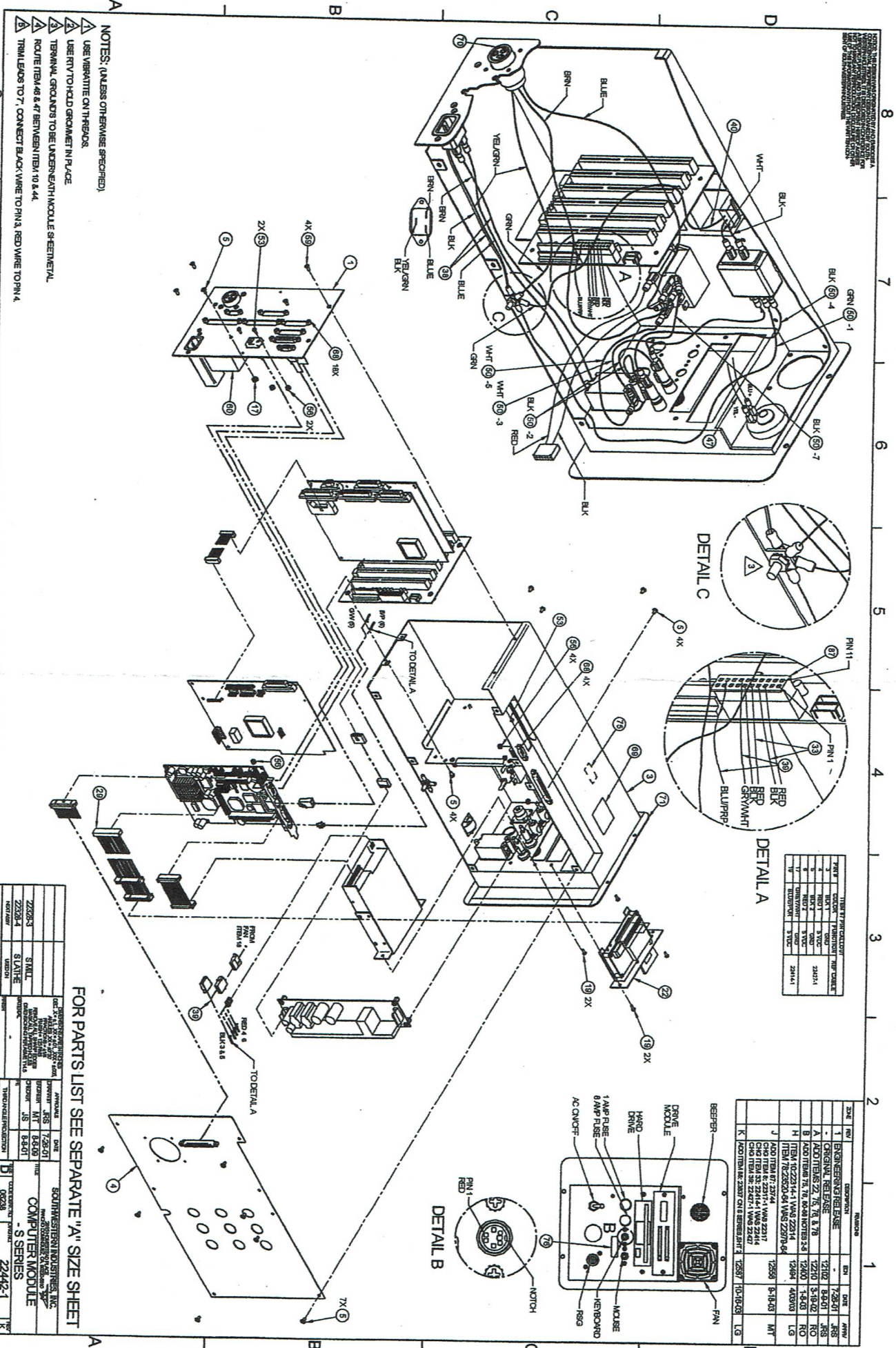
DATE	REV	DESCRIPTION	QTY	UNIT	REMARKS
	1	ENGINEERING RELEASE	12/23	REV	
		ORIGINAL RELEASE	12/80	44/03	LSM/T

REV	DATE	DESCRIPTION	BY	CHKD
1	12/23/80	ENGINEERING RELEASE	JG	LSM/T
2	12/23/80	ENGINEERING RELEASE	MT	44/03
3	12/23/80	ENGINEERING RELEASE	VL	44/03

FOR PARTS LIST SEE SEPARATE "A" SIZE SHEET

SCHEMATIC INDUSTRIES, INC.
 23460-XX
 SCALE 3:16
 SHEET 1 OF 1

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

NOTES: (UNLESS OTHERWISE SPECIFIED)
 ▲ USE VIBRANTITE ON THE BIOS.
 ▲ USE RIVY TO HOLD GROUND IN PLACE.
 ▲ TERMINAL GROUNDS TO BE UNDERneath MODULE SHEETMETAL.
 ▲ ROUTE ITEM 46 & 47 BETWEEN ITEM 10 & 44.
 ▲ TRAIL LEADS TO 7, CONNECT BLACK WIRE TO PIN 3, RED WIRE TO PIN 4.

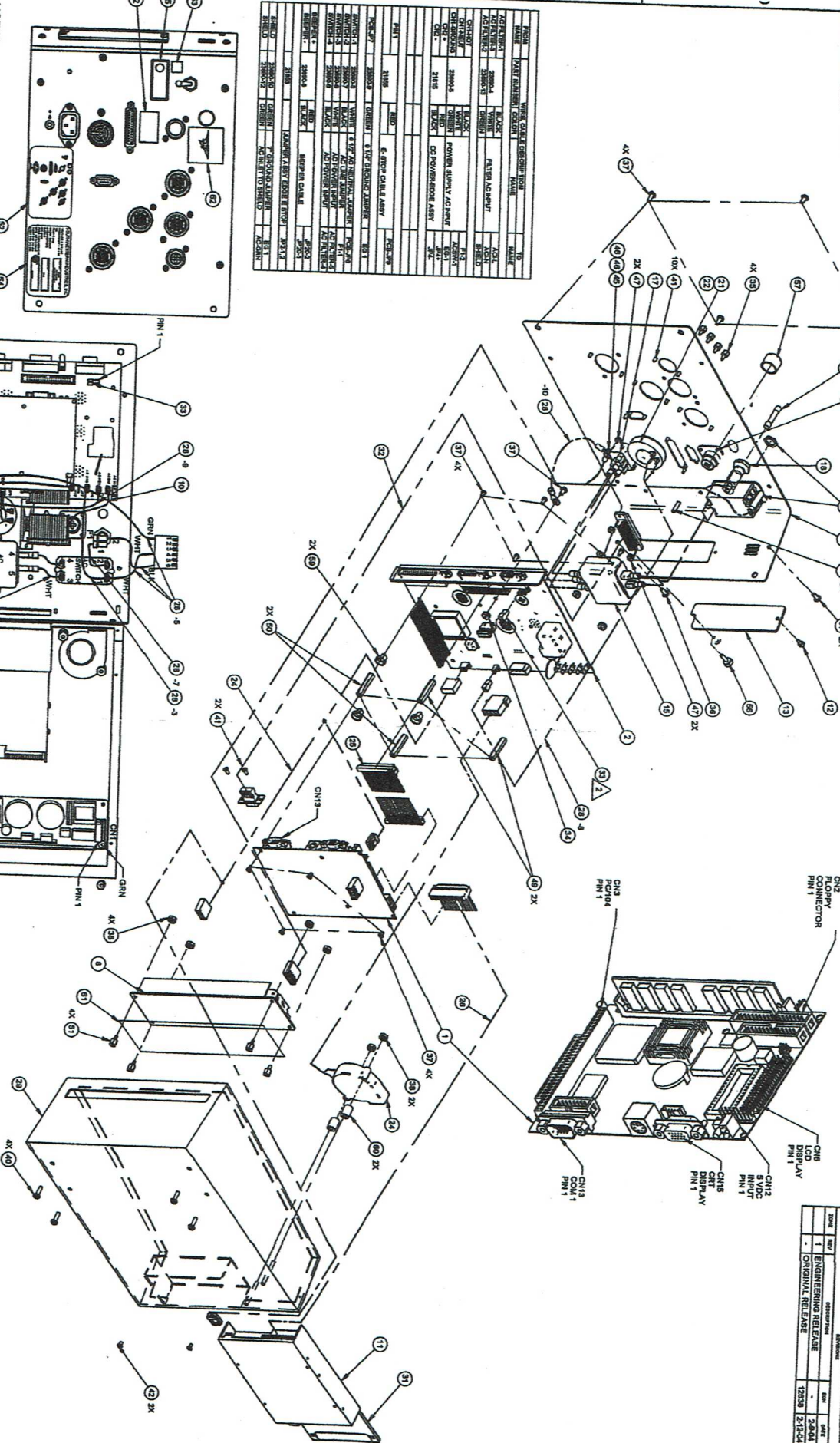
REV	DESCRIPTION	DATE	BY
1	ISSUED FOR PRODUCTION	12/28/87	JMS
2	REVISION 1	02/28/88	JMS

FOR PARTS LIST SEE SEPARATE "A" SIZE SHEET

COMPANY	INTERNATIONAL BUSINESS MACHINES CORPORATION
ADDRESS	22442-1
CITY	ARMONK, NY
STATE	NY
COUNTRY	USA
PHONE	914-490-7000
FAX	914-490-7000
TELEX	9800
MAILING	IBM BOX 496 ARMONK NY 10504
TELETYPE	914-490-7000
TELEFAX	914-490-7000
INTERNET	ibm.com

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT
1	CHASSIS	1	EA
2	COVER	1	EA
3	BACK COVER	1	EA
4	FRONT COVER	1	EA
5	TOP COVER	1	EA
6	BOTTOM COVER	1	EA
7	REAR COVER	1	EA
8	FRONT PANEL	1	EA
9	REAR PANEL	1	EA
10	TOP PANEL	1	EA
11	BOTTOM PANEL	1	EA
12	REAR PANEL	1	EA
13	FRONT PANEL	1	EA
14	TOP PANEL	1	EA
15	BOTTOM PANEL	1	EA
16	REAR PANEL	1	EA
17	FRONT PANEL	1	EA
18	TOP PANEL	1	EA
19	BOTTOM PANEL	1	EA
20	REAR PANEL	1	EA
21	FRONT PANEL	1	EA
22	TOP PANEL	1	EA
23	BOTTOM PANEL	1	EA
24	REAR PANEL	1	EA
25	FRONT PANEL	1	EA
26	TOP PANEL	1	EA
27	BOTTOM PANEL	1	EA
28	REAR PANEL	1	EA
29	FRONT PANEL	1	EA
30	TOP PANEL	1	EA
31	BOTTOM PANEL	1	EA
32	REAR PANEL	1	EA
33	FRONT PANEL	1	EA
34	TOP PANEL	1	EA
35	BOTTOM PANEL	1	EA
36	REAR PANEL	1	EA
37	FRONT PANEL	1	EA
38	TOP PANEL	1	EA
39	BOTTOM PANEL	1	EA
40	REAR PANEL	1	EA
41	FRONT PANEL	1	EA
42	TOP PANEL	1	EA
43	BOTTOM PANEL	1	EA
44	REAR PANEL	1	EA
45	FRONT PANEL	1	EA
46	TOP PANEL	1	EA
47	BOTTOM PANEL	1	EA
48	REAR PANEL	1	EA
49	FRONT PANEL	1	EA
50	TOP PANEL	1	EA
51	BOTTOM PANEL	1	EA
52	REAR PANEL	1	EA
53	FRONT PANEL	1	EA
54	TOP PANEL	1	EA
55	BOTTOM PANEL	1	EA
56	REAR PANEL	1	EA
57	FRONT PANEL	1	EA
58	TOP PANEL	1	EA
59	BOTTOM PANEL	1	EA
60	REAR PANEL	1	EA
61	FRONT PANEL	1	EA
62	TOP PANEL	1	EA
63	BOTTOM PANEL	1	EA
64	REAR PANEL	1	EA
65	FRONT PANEL	1	EA
66	TOP PANEL	1	EA
67	BOTTOM PANEL	1	EA
68	REAR PANEL	1	EA
69	FRONT PANEL	1	EA
70	TOP PANEL	1	EA
71	BOTTOM PANEL	1	EA
72	REAR PANEL	1	EA
73	FRONT PANEL	1	EA
74	TOP PANEL	1	EA
75	BOTTOM PANEL	1	EA
76	REAR PANEL	1	EA
77	FRONT PANEL	1	EA
78	TOP PANEL	1	EA
79	BOTTOM PANEL	1	EA
80	REAR PANEL	1	EA
81	FRONT PANEL	1	EA
82	TOP PANEL	1	EA
83	BOTTOM PANEL	1	EA
84	REAR PANEL	1	EA
85	FRONT PANEL	1	EA
86	TOP PANEL	1	EA
87	BOTTOM PANEL	1	EA
88	REAR PANEL	1	EA
89	FRONT PANEL	1	EA
90	TOP PANEL	1	EA
91	BOTTOM PANEL	1	EA
92	REAR PANEL	1	EA
93	FRONT PANEL	1	EA
94	TOP PANEL	1	EA
95	BOTTOM PANEL	1	EA
96	REAR PANEL	1	EA
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98	TOP PANEL	1	EA
99	BOTTOM PANEL	1	EA
100	REAR PANEL	1	EA



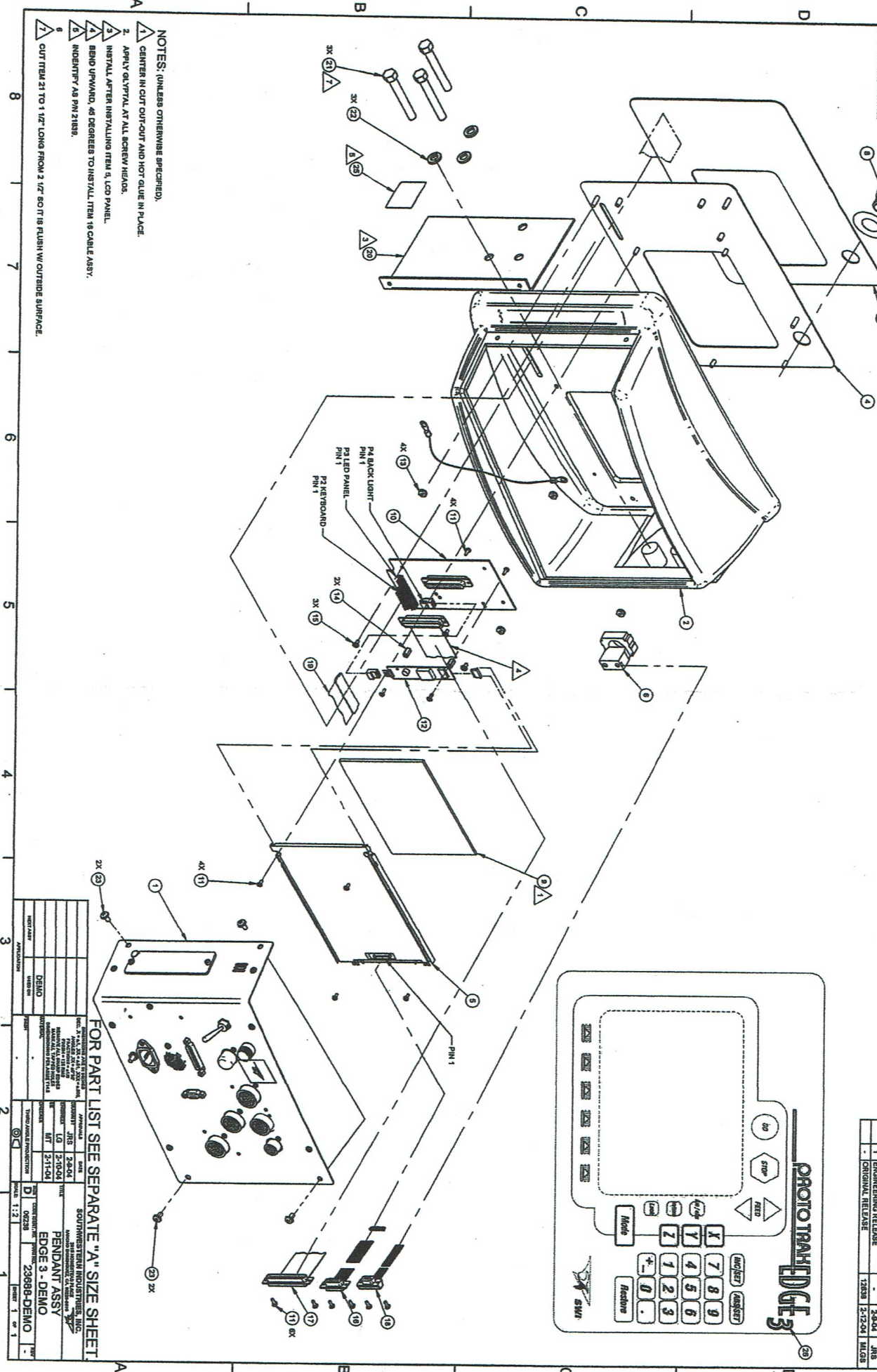
- NOTES: (UNLESS OTHERWISE SPECIFIED):
1. APPLY QUANTITY AT ALL SCREW HEADS.
 2. USE ITEM 63 TO JUMPER PINS 1 & 2 OF JP2.
 3. REMOVE ITEM 28, -13 TO TERMINAL G ON ITEM 17.

FOR PART LIST SEE SEPARATE "A" SIZE SHEET

DATE	BY	REVISION	DESCRIPTION
2-2-64	JIB	1	ENGINEERING RELEASE
2-1-64	LD	2	ORIGINAL RELEASE
2-1-64	LD	3	ORIGINAL RELEASE

TITLE: COMPUTER MODULE - EDGE 3 DEMO
 PROJECT NO.: 236988-DEMO
 DRAWING NO.: 1-2
 SHEET 1 OF 1

1. THE FOLLOWING INFORMATION IS FOR YOUR INFORMATION ONLY. IT IS NOT TO BE USED AS A BASIS FOR THE DESIGN OR CONSTRUCTION OF ANY EQUIPMENT. THE INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. THE INFORMATION IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. THE INFORMATION IS THE PROPERTY OF SOUTHWESTERN INDUSTRIES, INC. AND IS TO BE KEPT CONFIDENTIAL.



- NOTES:** (UNLESS OTHERWISE SPECIFIED)
1. CENTER IN CUT-OUT AND HOT GLUE IN PLACE.
 2. APPLY GLYPTAL AT ALL SCREW HEADS.
 3. INSTALL AFTER INSTALLING ITEM 5, LCD PANEL.
 4. BEND UPWARD 45 DEGREES TO INSTALL ITEM 16 CABLE ASSY.
 5. IDENTIFY AS PN 21183.
 6. CUT ITEM 31 TO 1/2" LONG FROM 3/4" RC IT IS FLUSH W/ OUTSIDE SURFACE.

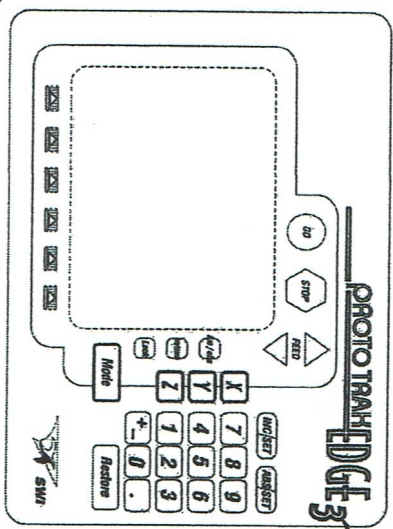
FOR PART LIST SEE SEPARATE "A" SIZE SHEET.

REV	DATE	DESCRIPTION	BY	CHKD	DATE	APPV
1	2-10-04	ENGINEERING RELEASE	JHG	JHG	2-10-04	JHG
2	2-11-04	ORIGINAL RELEASE	JHG	JHG	2-11-04	JHG

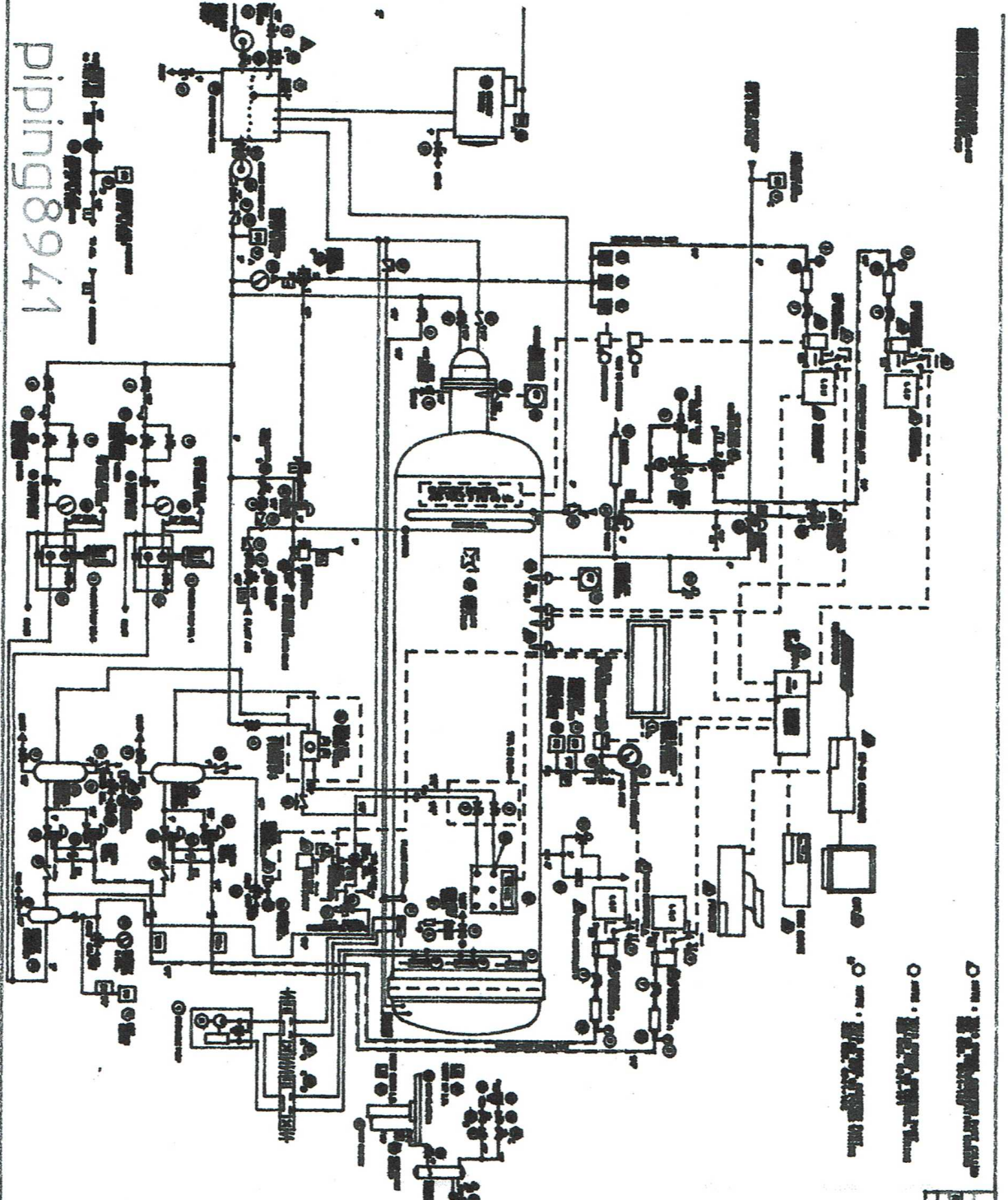
REV	DATE	DESCRIPTION	BY	CHKD	DATE	APPV
1	2-10-04	ENGINEERING RELEASE	JHG	JHG	2-10-04	JHG
2	2-11-04	ORIGINAL RELEASE	JHG	JHG	2-11-04	JHG

REV	DATE	DESCRIPTION	BY	CHKD	DATE	APPV
1	2-10-04	ENGINEERING RELEASE	JHG	JHG	2-10-04	JHG
2	2-11-04	ORIGINAL RELEASE	JHG	JHG	2-11-04	JHG

REV	DATE	DESCRIPTION	BY	CHKD	DATE	APPV
1	2-10-04	ENGINEERING RELEASE	JHG	JHG	2-10-04	JHG
2	2-11-04	ORIGINAL RELEASE	JHG	JHG	2-11-04	JHG



REV	DATE	DESCRIPTION	BY	CHKD	DATE	APPV
1	2-10-04	ENGINEERING RELEASE	JHG	JHG	2-10-04	JHG
2	2-11-04	ORIGINAL RELEASE	JHG	JHG	2-11-04	JHG

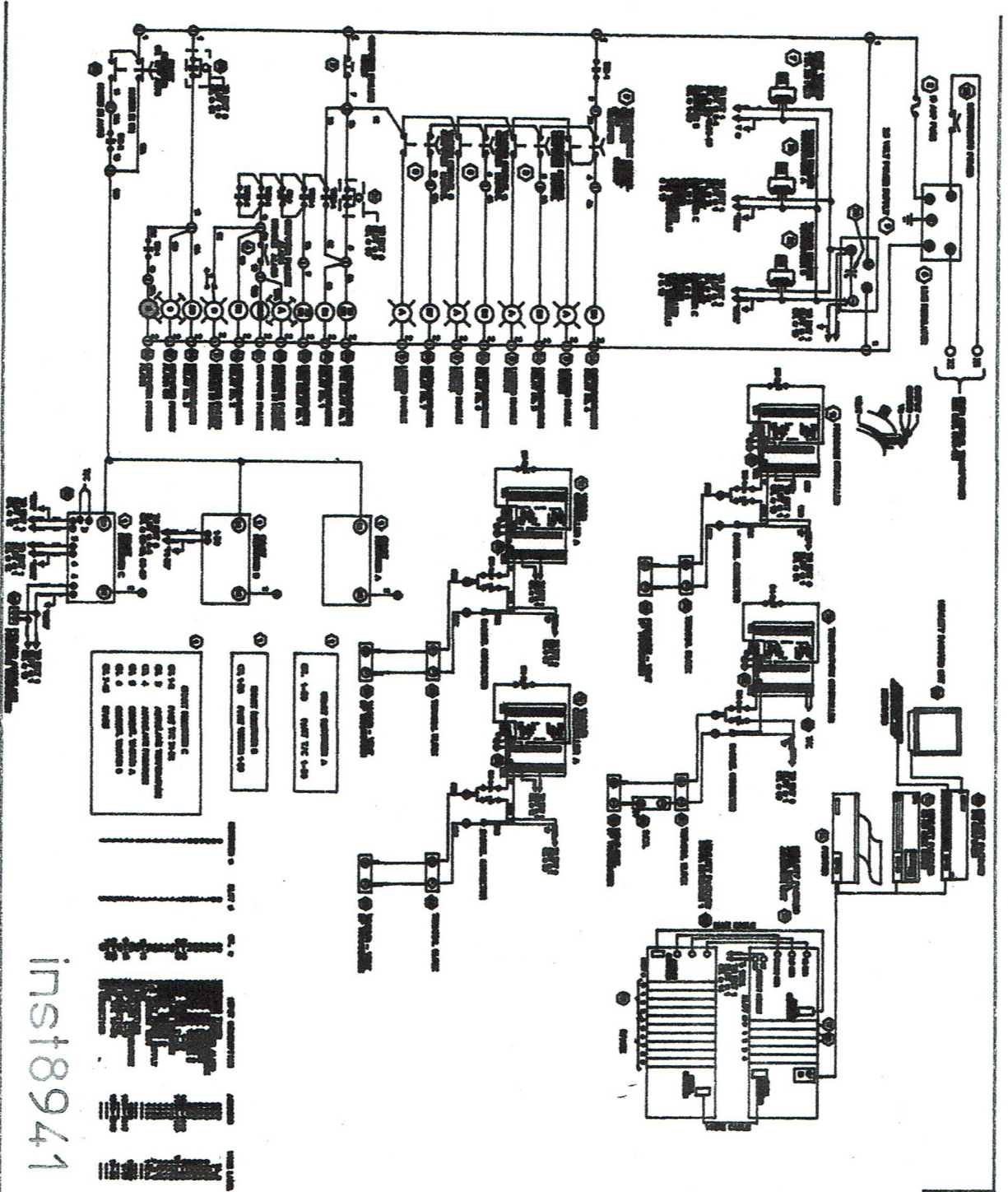


piping8941

Legend

○ Valve

NO.	DESCRIPTION	UNIT	QTY.	REMARKS
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inst8941

NO.	DESCRIPTION	QTY	REF. DES.	MANUFACTURER'S PART NO.	REMARKS
1	POWER SUPPLY	1	PS-1
2	CONTROL SECTION	1	CS-1
3	DISPLAY SECTION	1	DS-1
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SEE PARTS LIST FOR COMPLETE LIST OF PARTS

NO.	DESCRIPTION	QTY	REF. DES.	MANUFACTURER'S PART NO.	REMARKS
1
2
3
4
5
6
7
8
9
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INSTRUMENTATION