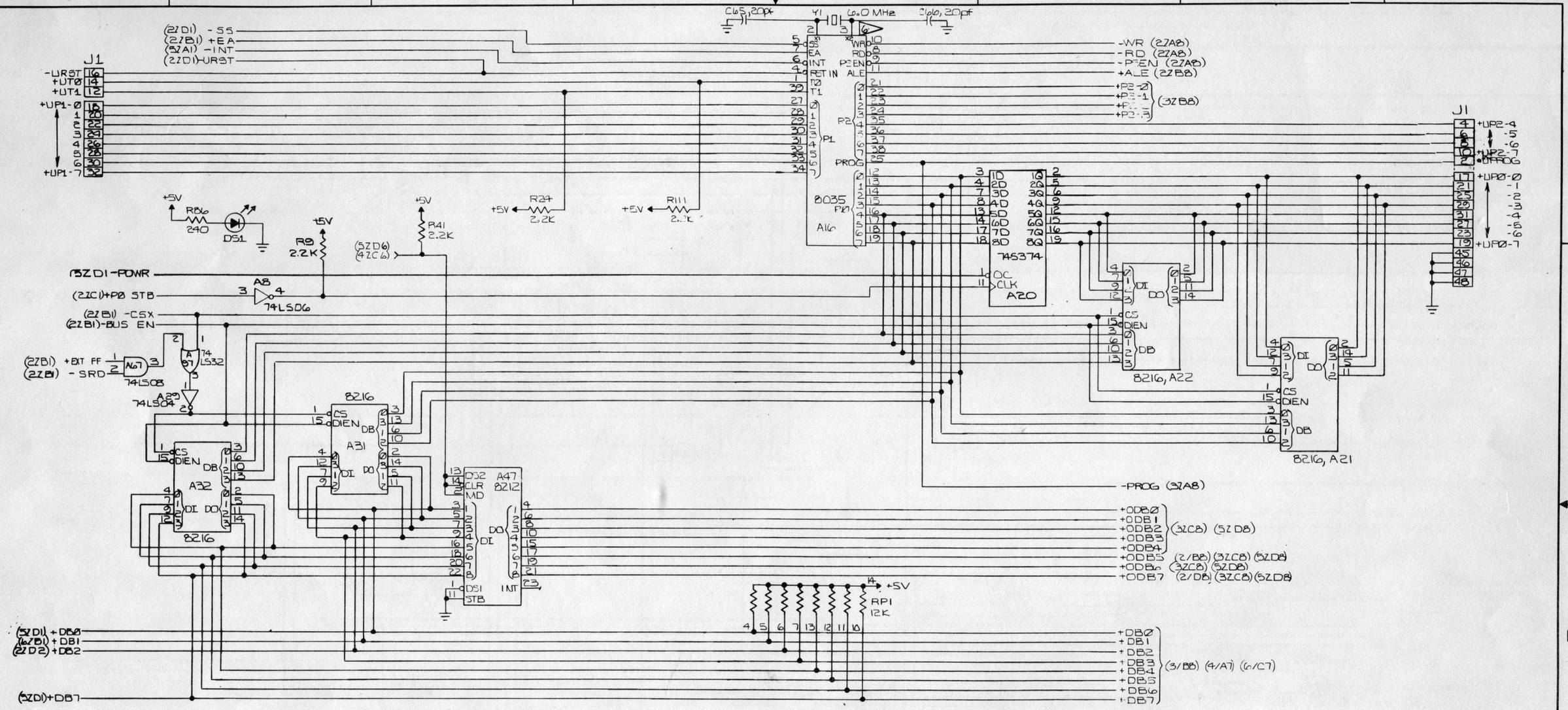
INTELLEC PROMPT™ 48

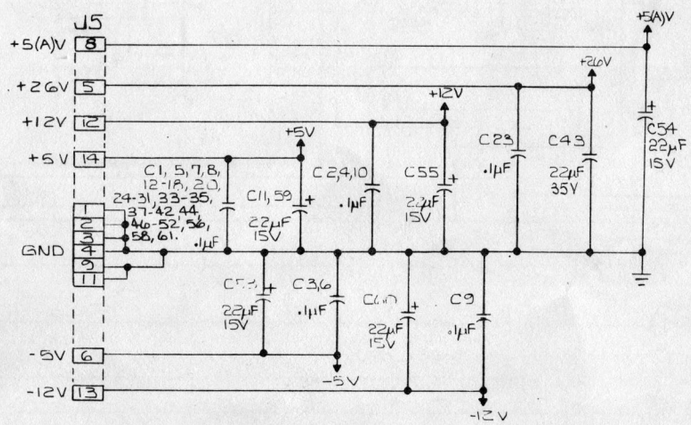
Manual Order Number: 9800408B

Intel Corporation, 3065 Bowers Avenue, Santa Clara, California 95051

intel

CONTENTS





NOTES: UNLESS OTHERWISE SPECIFIED,

1. ALL RESISTANCE VALUES ARE IN OHMS, ±5%, 1/4W.
2. ALL CAPACITANCE VALUES ARE IN UF, UFF, PF.
3. ALL TRANSISTORS ARE 2N3644.
4. ALL DIODES ARE IN4148
5. REMOVED

6 PWA 1001011-13 AND -14 USE 6.0 MHz CRYSTAL. PWA 1001011-15 AND -16 USE 3.0 MHz CRYSTAL.

REF DESIGNATIONS	
LAST USED	NOT USED
A103	A9,10,37-66
C104	
R67	
Q28	
CR14	CR1,8,10
R102	R67, R25
Y2	R70-R77
J5	R10, R11
RP6	
VR2	
DS9	

SPARE GATES						
TYPE	REF DESIG	QTY	TYPE	REF DES	QTY
74LS77			7414	A92	1
74LS02			7474		
74LS04	A38, A67, A58	5	74LS74	A102, A103	2
7406	A8	3	74125		
7407			7404	A91	4
74LS08	A38, A67	1	1488	A11	1
74LS10	A68	1	1489		
74LS[illegible]	A97, A94	3	12K RP	RP1	4
74LS11	A95	2			

VOLTAGE & GND SUPPLY					
TYPE	-5V	+5V	+12V	GND	-12V
8748		26,90		20	
8212		24		12	
8251		26		4	
1488			14	7	1
8255		26		7	
2113		18		9	
2114		18		9	
8224		16	9	8	
8708	21	24	19	12	

1001011	PROMPT-48
NEXT ASSY	USED ON

SCALE: NONE
TOL. ± | 2 PLC | 3 PLC | ANGLE
MATERIAL:
FINISH:
CODE: | SHEET 1 OF 6

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TITLE SCHEMATIC
KEYBOARD DISPLAY

SIZE	DEPT	DRAWING NO.	REV
D	MCD	2001573	B

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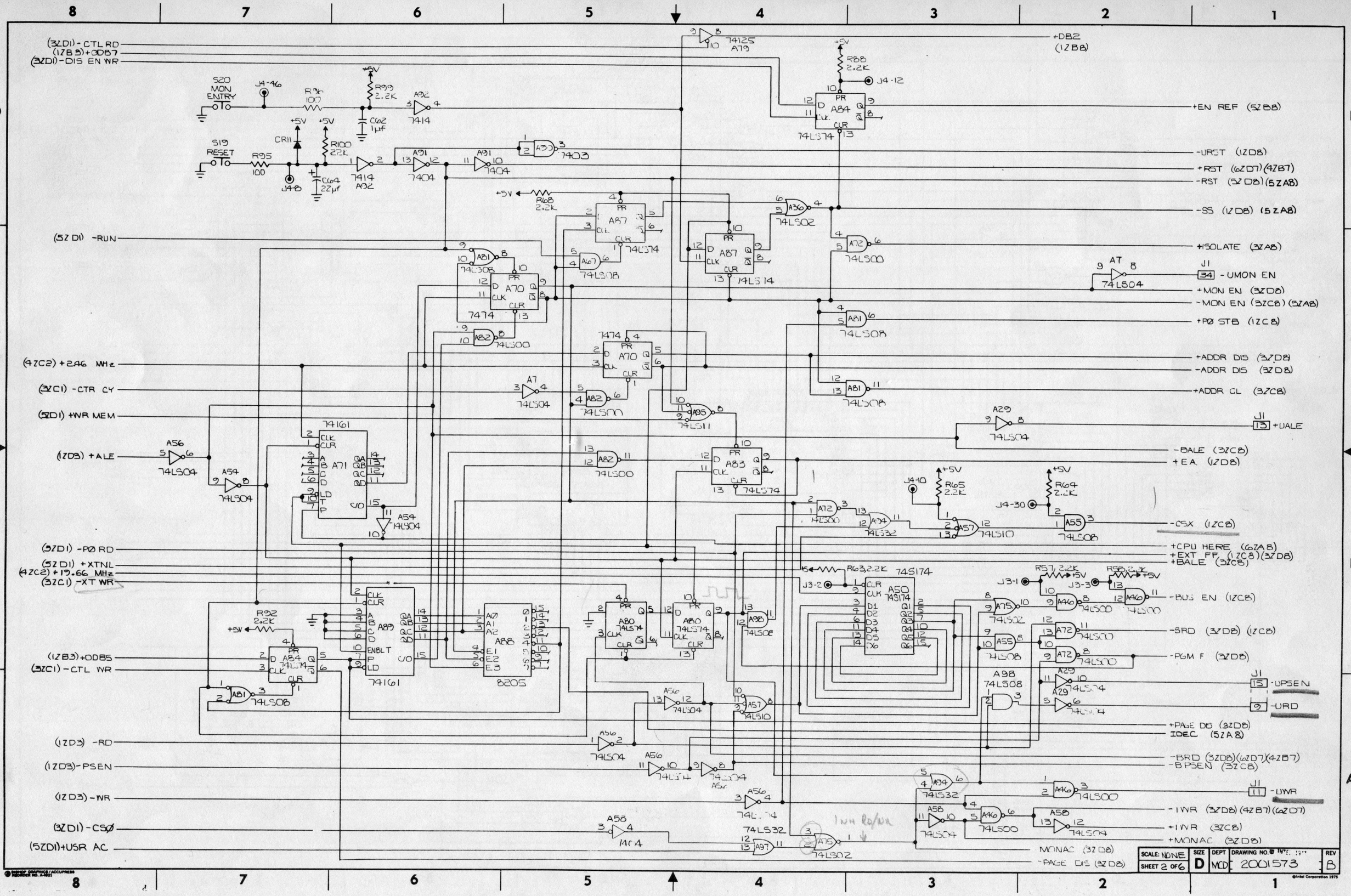
(3ZD1) - CTL RD
(1ZB3) +ODB7
(3ZD1) - DIS EN WR
+DB2 (1ZB8)
S20 MON ENTRY
J4-46
R96 100
R99 2.2K
C62 1µf
A92 7414
S19 RESET
R95 100
CR11
R100 22K
C64 22µf
J4-8
7414 A92
A91 7404
A30 7403
R88 2.2K
J4-12
A84 74LS74
+EN REF (5ZB8)
-URST (1ZD8)
+RST (6ZD7)(4ZB7)
-RST (5ZD8)(5ZA8)
-SS (1ZD8) (5ZA8)
R68 2.2K
A87 74LS74
A36 74LS02
(5ZD1) -RUN
A81 74LS08
A67 74LS08
A70 7474
A72 74LS00
+ISOLATE (3ZA8)
A87 74LS14
A7 74LS04
J1 34 - UMON EN
+MON EN (3ZD8)
-MON EN (3ZC8)(5ZA8)
+PØ STB (1ZC8)
A82 74LS00
(4ZC2) +2.46 MHz
(3ZC1) -CTR CY
(5ZD1) +WR MEM
A95 74LS11
+ADDR DIS (3ZD8)
-ADDR DIS (3ZD8)
+ADDR CL (3ZC8)
A29 74LS04
J1 13 +UALE
-BALE (3ZC8)
+EA (1ZD8)
(1ZD3) +ALE
A56 74LS04
A54 74LS04
74161 A71
A83 74LS74
J4-10
R65 2.2K
J4-30
R64 2.2K
A57 74LS10
A55 74LS08
-CSX (1ZC8)
(3ZD1) -PØ RD
(5ZD1) +XTNL
(4ZC2) +19.66 MHz
(3ZC1) -XT WR
+CPU HERE (6ZA8)
+EXT FF (1ZC8)(3ZD8)
+BALE (3ZC8)
R63 2.2K
74S174 A50
J3-2
J3-1
J3-3
R57 2.2K
R58 2.2K
-BUS EN (1ZC8)
A89 74161
A88 8205
A80 74LS74
A98 74LS08
A75 74LS02
-SRD (3ZD8) (1ZC8)
-PGM F (3ZD8)
R92 2.2K
(1ZB3) +ODBS
(3ZC1) - CTL WR
A84 74LS74
A81 74LS08
A98 74LS08
-UPSEN
-URD
+PAGE DS (3ZD8)
IDEC (5ZA8)
(1ZD3) -RD
(1ZD3) -PSEN
-BRD (3ZD8)(6ZD7)(4ZB7)
-BPSEN (3ZC8)
(1ZD3) -WR
A94 74LS32
A46 74LS00
-UWR
-IWR (3ZD8)(4ZB7)(6ZD7)
A58 74LS04
+IWR (3ZC8)
+MONAC (3ZD8)
(3ZD1) - CSØ
(5ZD1) +USR AC
A58 IAC4
74LS32
A97
A75 74LS02
INH RD/WR
MONAC (3ZD8)
-PAGE DS (3ZD8)
SCALE: NONE
SHEET 2 OF 6
SIZE D
DEPT MCD
DRAWING NO. 2001573
REV B
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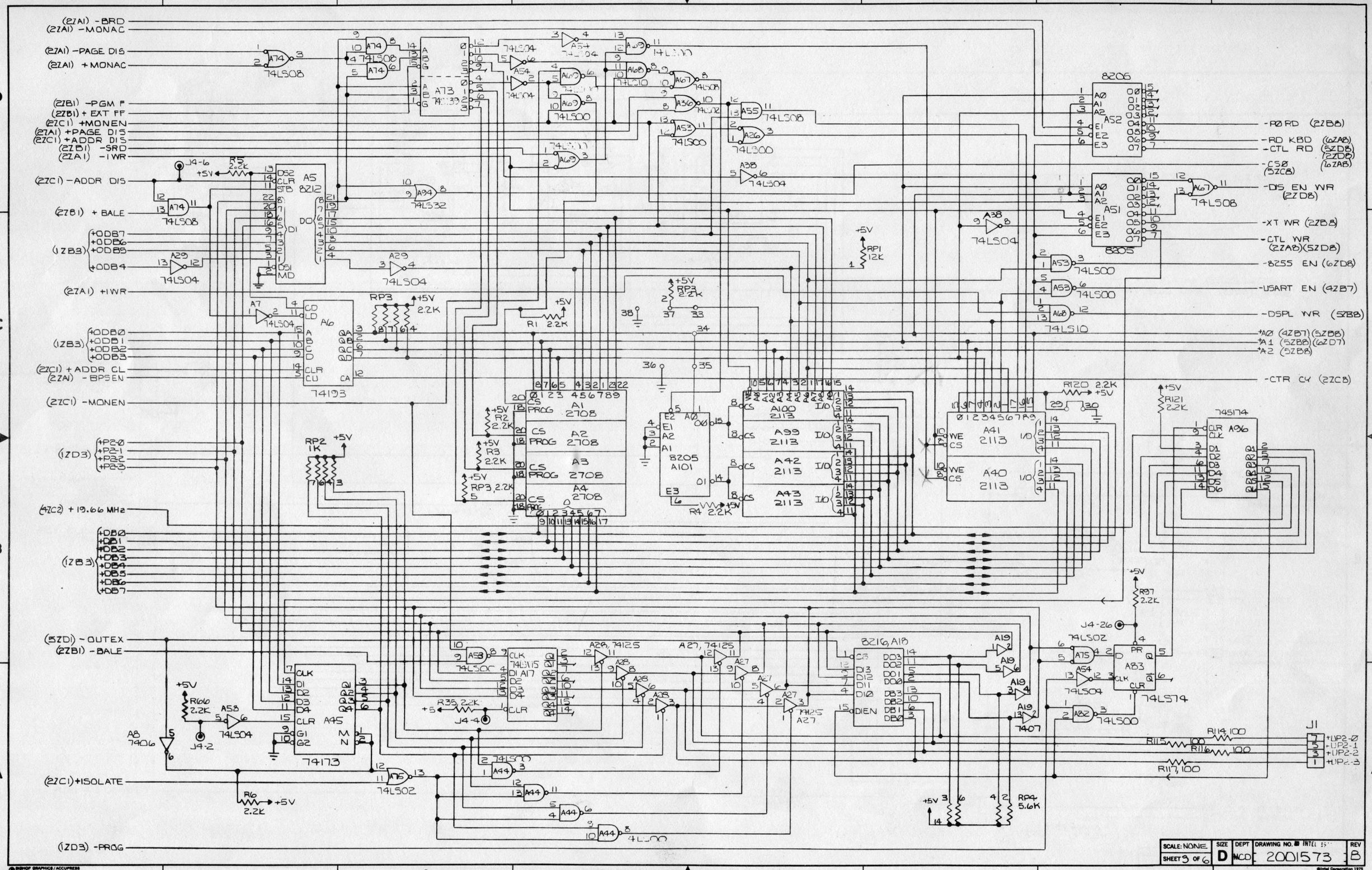
(2ZA1) -BRD
(2ZA1) -MONAC
(2ZA1) -PAGE DIS
(2ZA1) +MONAC
(2ZB1) -PGM F
(2ZB1) + EXT FF
(2ZC1) +MONEN
(2ZA1) +PAGE DIS
(2ZC1) +ADDR DIS
(2ZB1) -SRD
(2ZA1) -IWR
(2ZC1) -ADDR DIS
(2ZB1) + BALE
(1ZB3) +DB7 +DB6 +DB5 +DB4
(2ZA1) +IWR
(1ZB3) +DB0 +DB1 +DB2 +DB3
(2ZC1) + ADDR CL
(2ZA1) - BPSEN
(2ZC1) -MONEN
(1ZD3) +P2-0 +P2-1 +P2-2 +P2-3
(4ZC2) + 19.66 MHz
(1ZB3) +DB0 +DB1 +DB2 +DB3 +DB4 +DB5 +DB6 +DB7
(5ZD1) - OUTEX
(2ZB1) - BALE
(2ZC1) +ISOLATE
(1ZD3) -PROG
-RØ RD (2ZB8)
-RD KBD (6ZA8)
-CTL RD (5ZD8) (2ZD8) (6ZA8)
-CSØ (5ZC8)
-DS EN WR (2ZD8)
-XT WR (2ZB8)
-CTL WR (2ZA8)(5ZD8)
-8255 EN (6ZD8)
-USART EN (4ZB7)
-DSPL WR (5ZB8)
+AØ (4ZB7)(5ZB8)
+A1 (5ZB8)(6ZD7)
+A2 (5ZB8)
-CTR CY (2ZC8)
+UP2-Ø
+UP2-1
+UP2-2
+UP2-3
A5 8212
A6 74193
A7 74LS04
A73 74LS139
A1 2708
A2 2708
A3 2708
A4 2708
A100 2113
A99 2113
A42 2113
A43 2113
A41 2113
A40 2113
A101 8205
A96 74S174
A52 8206
A51 8205
A45 74173
A83 74LS74
8216, A18
A29, 74125
A27, 74125
A28, 74125
74LS315
J1
J4-6
J4-2
J4-4
J4-26
RP1 12K
RP2 1K
RP3 2.2K
RP4 5.6K
R1 2.2K
R2 2.2K
R3 2.2K
R4 2.2K
R5 2.2K
R6 2.2K
R66 2.2K
R97 2.2K
R120 2.2K
R121 2.2K
R33 2.2K
R114 100
R115 100
R116 100
R117 100
A8 7406
A19 7407
SCALE: NONE
SHEET 3 OF 6
SIZE D
DEPT MCD
DRAWING NO. 2001573
REV B
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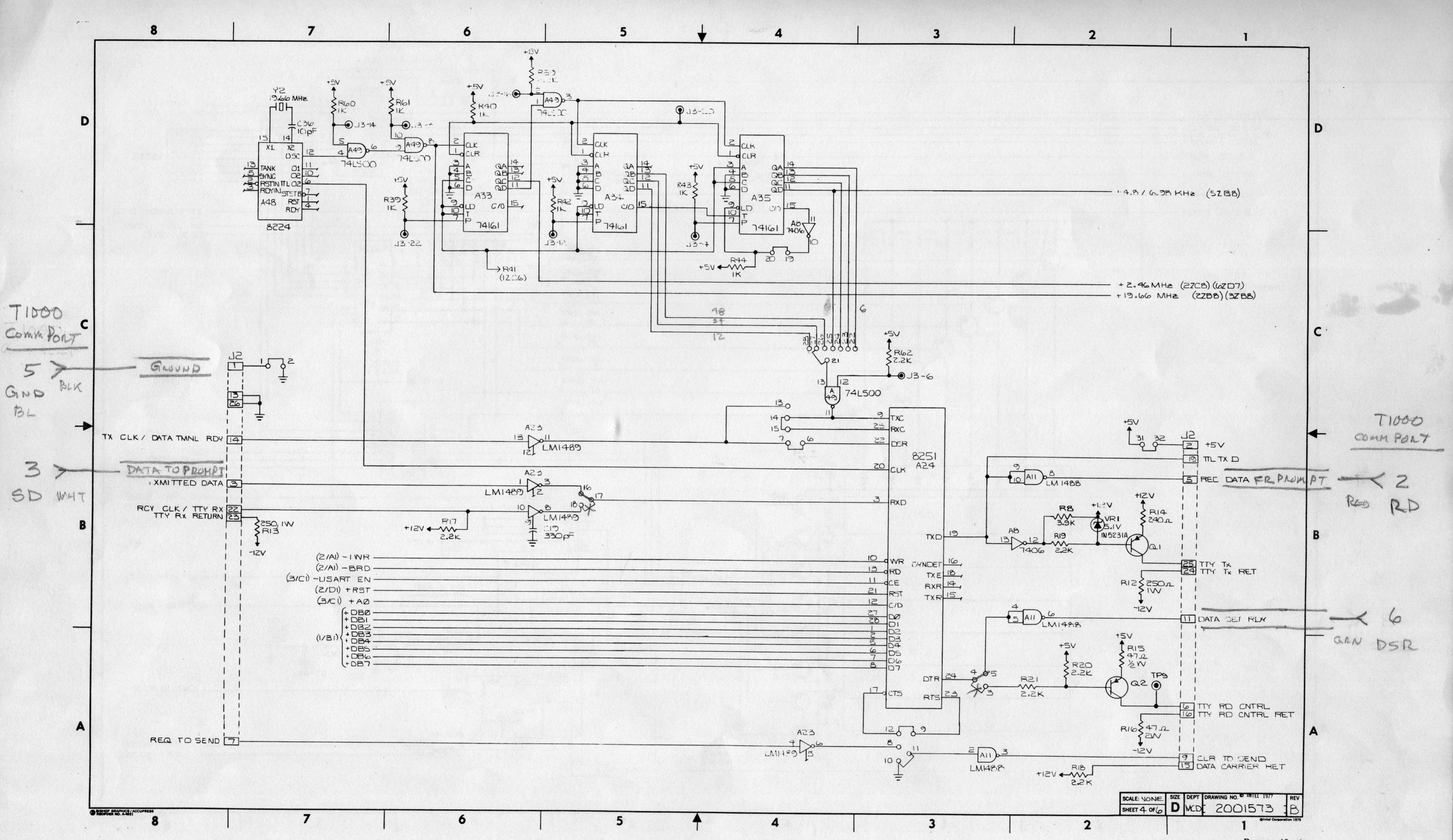
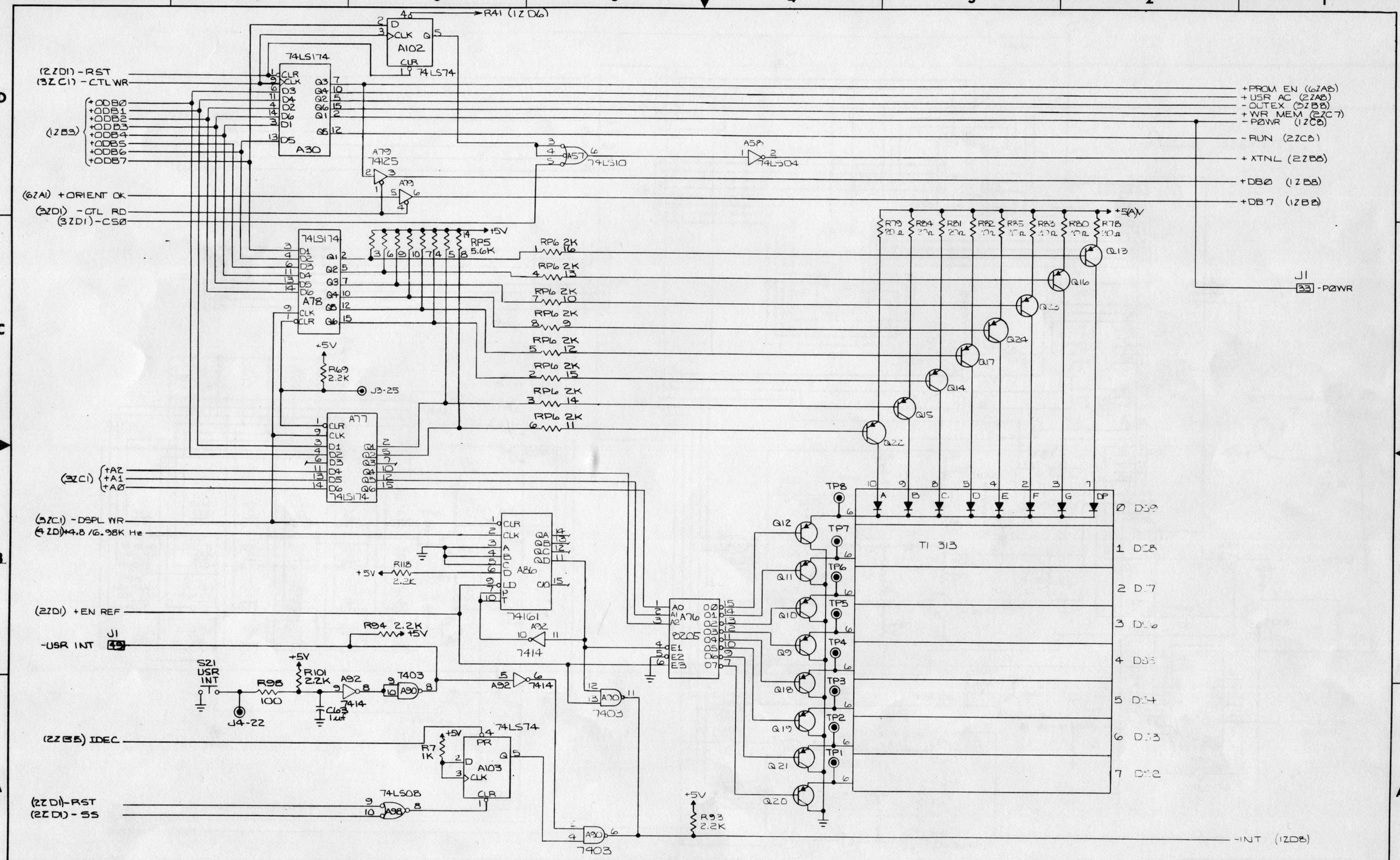

8224
74161
74LS00
74LS00
74LS00
LM1489
LM1488
LM1488
LM1488
LM1488
8251
A24
TX CLK / DATA TMNL RDY
XMITTED DATA
RCV CLK / TTY RX
TTY Rx RETURN
REQ TO SEND
TTL TX D
REC DATA FR PROMPT
TTY Tx
TTY Tx RET
DATA SET RDY
TTY RD CNTRL
TTY RD CNTRL RET
CLR TO SEND
DATA CARRIER RET
+4.8 / 6.98 KHz (5ZBB)
+2.46 MHz (2ZC8) (6ZD7)
+19.66 MHz (2ZB8) (3ZBB)
T1000 Comm Port
GROUND
DATA TO PROMPT
T1000 COMM PORT
SCALE: NONE
SHEET 4 OF 6
SIZE D
DEPT WCD
DRAWING NO. 2001573
REV B



SCALE: NONE	SIZE	DEPT	DRAWING NO. © INTEL 1977	REV
SHEET 5 OF 6	D	WCCD	2001573	B

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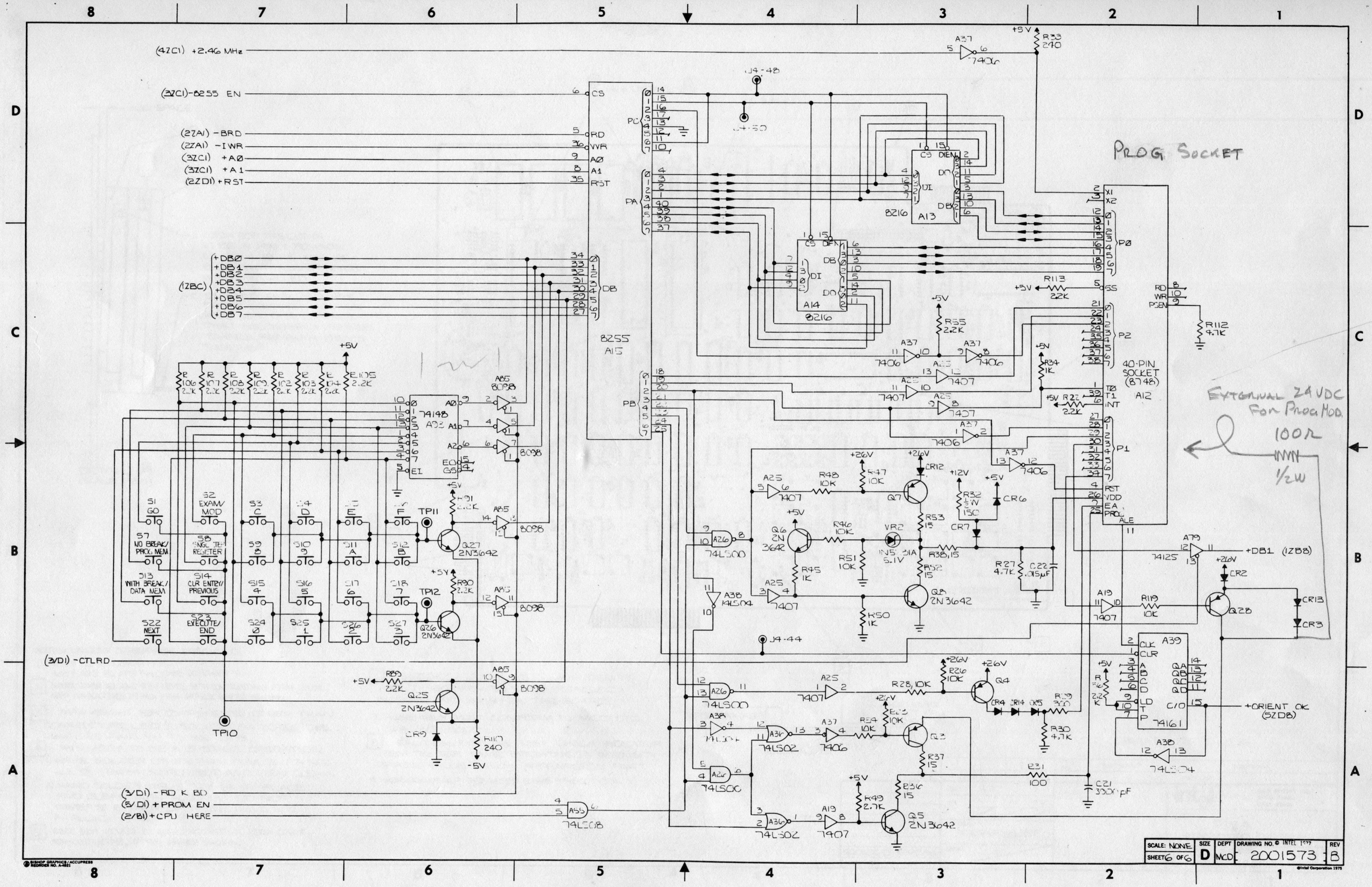
(4ZC1) +2.46 MHz
(3ZC1)-8255 EN
(2ZA1) -BRD
(2ZA1) -IWR
(3ZC1) +A0
(3ZC1) +A1
(2ZD1) +RST
(1ZBC) +DB0 +DB1 +DB2 +DB3 +DB4 +DB5 +DB6 +DB7
(3/D1) -CTLRD
(3/D1) -RD K BD
(5/D1) +PROM EN
(2/B1) +CPU HERE
8255 A15
74148 A23
8098 A85
74LS00 A26
74LS02 A36
74LS08 A55
7406 A37
7407 A25
74LS04 A38
74125 A79
74161 A39
8216 A13
8216 A14
40-PIN SOCKET (8748) A12
PROG SOCKET
EXTERNAL 24VDC FOR PROG MOD.
100Ω 1/2W
+DB1 (1ZB8)
+ORIENT OK (5ZD8)
TP10
TP11
TP12
J4-48
J4-50
J4-44
SCALE: NONE
SHEET 6 OF 6
SIZE D
DEPT MCD
DRAWING NO. 2001573
REV B
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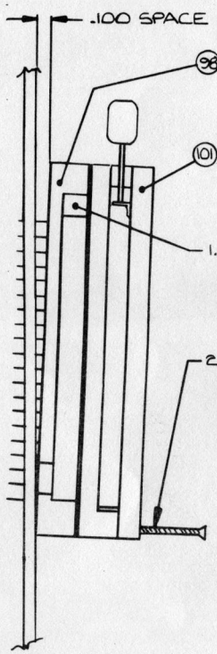
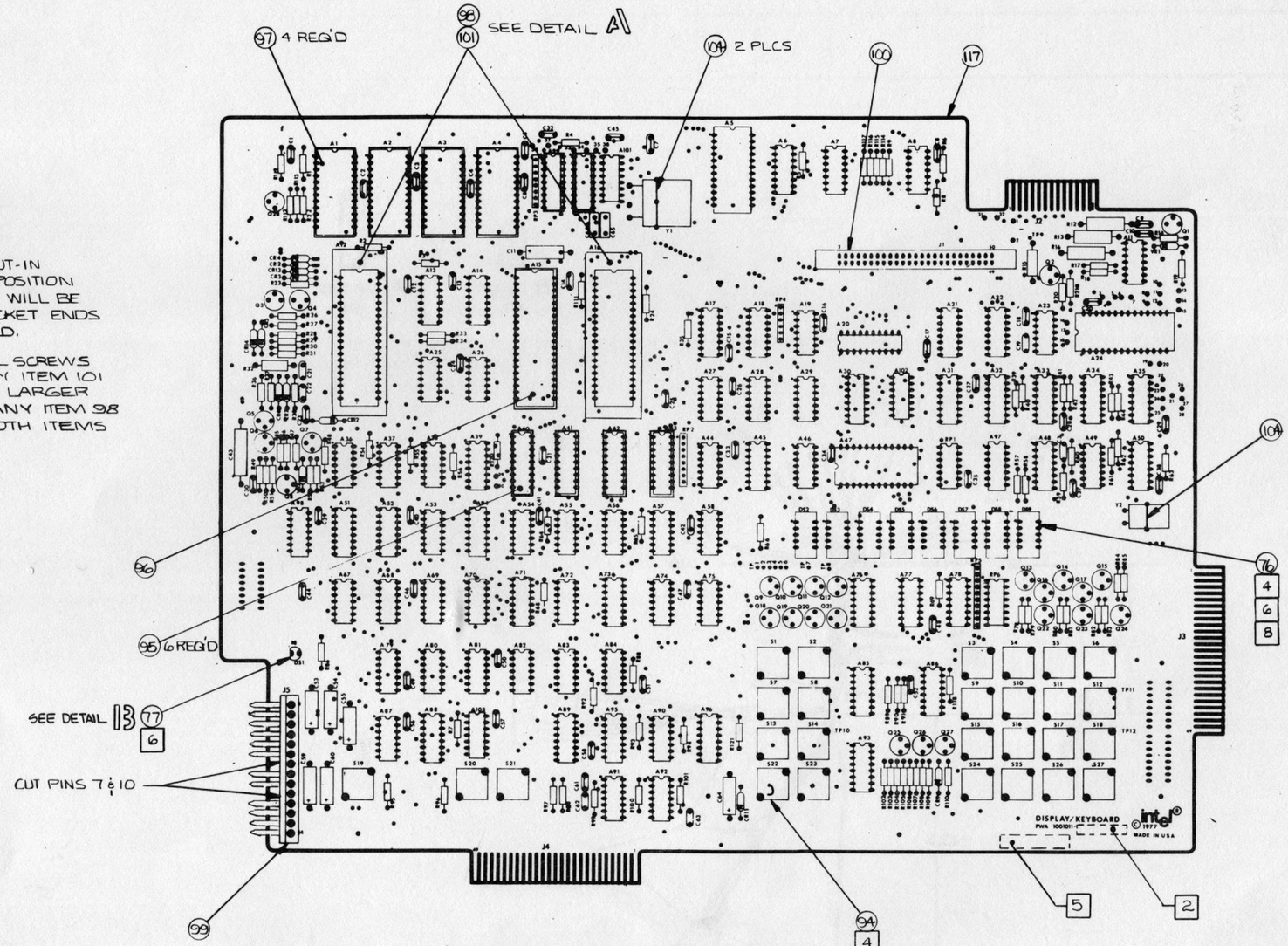
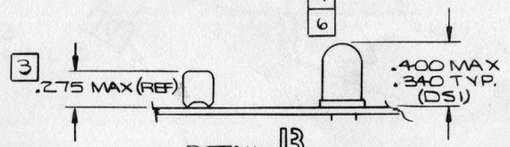


1. LOOK FOR THIS CUT-IN TO BE IN PIN 1 POSITION SO CONN. ENDS WILL BE FLUSH WITH SOCKET ENDS WHEN INSTALLED.
2. DISCARD SMALL SCREWS THAT ACCOMPANY ITEM 101 AND USE THE LARGER THAT ACCOMPANY ITEM 98 TO SECURE BOTH ITEMS TOGETHER.

DETAIL A
(SCALE: 2/1)





DETAIL B

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ASSY NO. IS 1001011-XX.
ASSY AND PL ARE TRACKING DOCUMENTS.

2 MARK DASH NO. AND REV LEVEL WITH CONTRASTING PERM COLOR, NON-CONDUCTIVE, .12 INCH HIGH APPROX WHERE SHOWN.

3 MAX HEIGHT FOR COMPONENTS (OTHER THAN CONNECTORS, L.E.D.'S, SOCKETS, SWITCHES, C65, C66 C43 AND Y1) TO BE .275.

4 THIS ASSY TO BE A 3-STAGE OPERATION
1) WAVE SOLDER OTHER THAN ITEM 76 (7-SEG, L.E.D), ITEM 94 (SWITCH SET) AND THEN CLEAN.
2) HAND SOLDER ITEMS 76 & 94 IN PLACE AND CLEAN WITH ALCOHOL. DO NOT IMMERSE EITHER OF THESE ITEMS INTO A FLUID.

5 MARK ASSY VENDOR ID WITH CONTRASTING PERM COLOR. NON-CONDUCTIVE, APPROX WHERE SHOWN.

6 SWITCHES (ITEM 94), L.E.D. LAMP (ITEM 77), AND 7-SEG (ITEM 76) TO BE INSTALLED ALIGNED AND FLUSH ON THE BOARD.

7. ASSEMBLY MUST CONFORM TO MCD STD QA WS 007.

8 CAUTION: BEFORE ASSY, CHECK INDICATOR ITEM 76 FOR SAME BRIGHTNESS INTENSITY GRADE VALUE WHICH APPEARS ON PART

9. WORKMANSHIP PER MCSD QAWS 99-0007-001.

-SEE SEPARATE PARTS LIST-

QUANTITY PER DASH NO.			
4001009	PROMPT 48		
NEXT ASSY	USED ON		

ITEM NO.	PART NUMBER	DESCRIPTION
		PARTS LIST

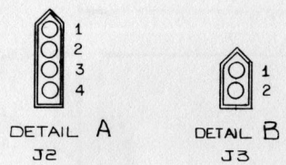
SCALE: 1:1
TOL. ± | 2 PLC | 3 PLC | ANGLE
MATERIAL: SEE PARTS LIST
FINISH:

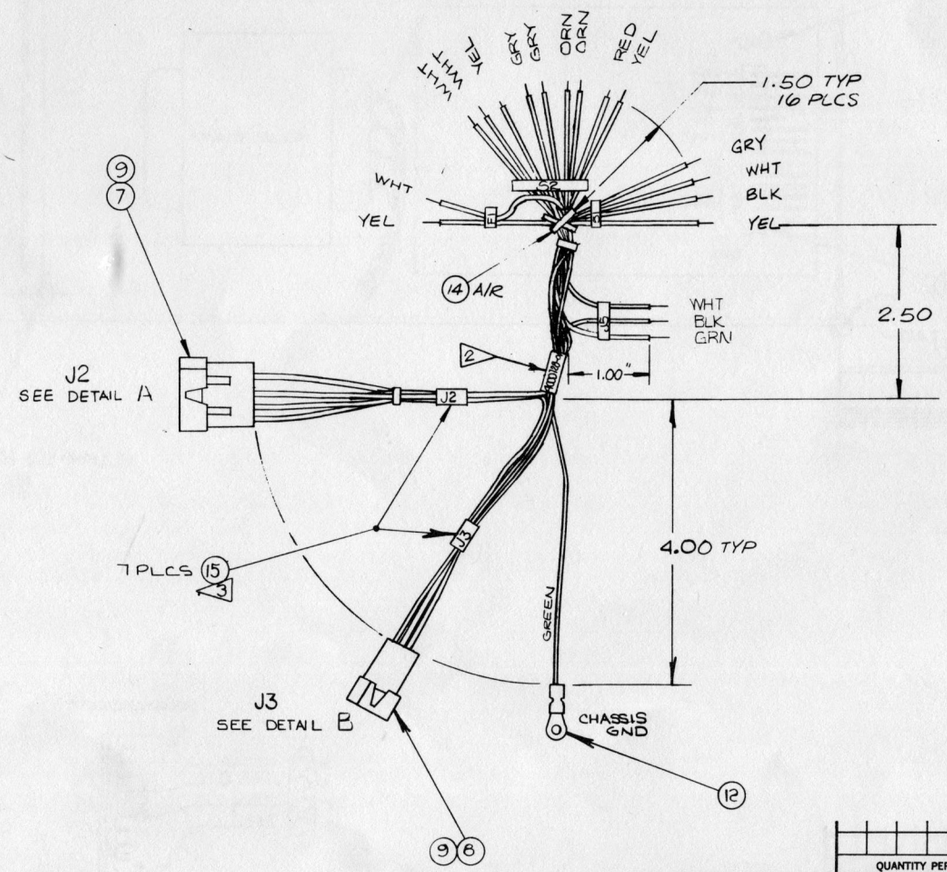
intel 3065 BOWERS AVE. SANTA CLARA CALIF. 95051

TITLE: P.W.A. KEYBOARD DISPLAY

SIZE	DEPT	DRAWING NO.	REV
D	MCSD	1001011	G

CODE: SHEET 1 OF 1





NOTES:
UNLESS OTHERWISE SPECIFIED,

1. ASSY NO IS 4000728-01
2. INK STAMP ASSY NO AND REV LEVEL ONTO (ITEM 15) LABEL TIE WRAP.
3. IDENTIFY TERMINATION GROUPS BY INK STAMPING ONTO LABEL TIE WRAPS AS SHOWN.
4. DIMENSIONS ARE IN INCHES.

ITEM NO.	PART NUMBER	DESCRIPTION
		PARTS LIST

QUANTITY PER DASH NO.

SCALE: 1/1

TOL. ±	2 PLC	3 PLC	ANGLE
	.25	—	—

MATERIAL: SEE PARTS LIST

FINISH: —

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TITLE HARNESS ASSY A.C. POWER

SIZE	DEPT	DRAWING NO.	REV
D	MCD	4000728	D

CODE: SHEET 1 OF 1

NEXT ASSY	USED ON
4000917	PROMPT 80

ELECTRICAL SPECS:

INPUT: 115 OR 230 VAC, ± 10%, 47 -63 Hz. PRIMARY WINDINGS OF THE TRANSFORMER MUST BE ABLE TO ACCOMODATE A 115V 20 WATT FAN WHEN THE WINDINGS ARE CONNECTED IN SERIES AND THE FAN IS CONNECTED IN PARALLEL WITH ONLY ONE OF THE WINDINGS. $I_{AC} \leq 1.8$ AMP @ 115V.

OUTPUT:
1.) +5V 6A WITH FIXED OVP AT 6.4V ± 5%
2.) +12V, 1.2A
3.) -12V, 300 mA
4.) -5V, 300 mA
5.) +26.5V 100 mA

LINE AND LOAD REGULATION: 0.1% ON OUTPUT 1, AND 2; 1% ON OUTPUTS 3, 4, AND 5

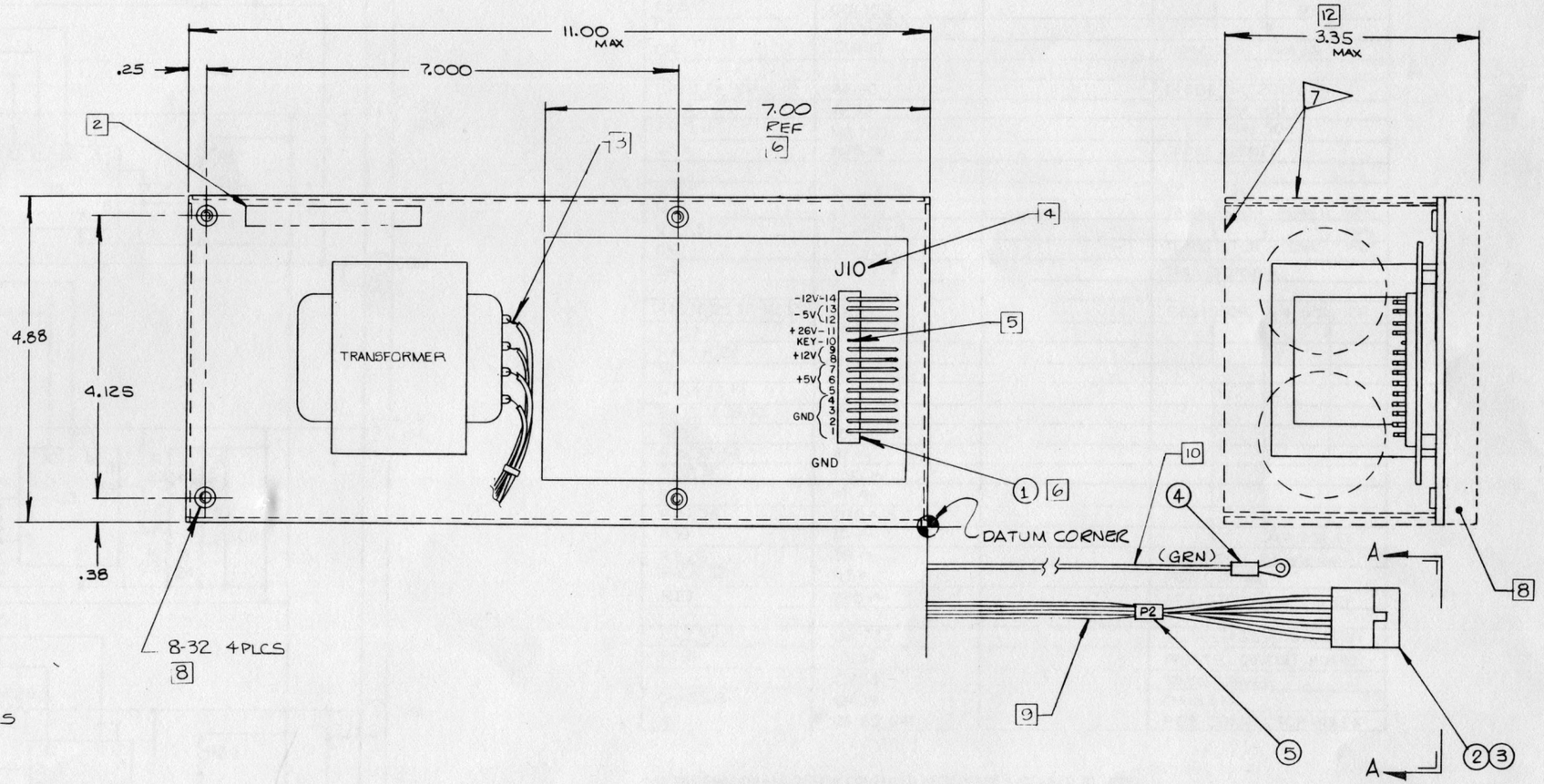
RIPPLE: 50 MV PEAK TO PEAK ON ALL OUTPUTS

CURRENT LIMIT: 110% TO 125% OF RATED CURRENT ON OUTPUT 1 AND 2.

ADJUSTMENT RANGE: ± 5% OF NOMINAL VOLTAGE ON OUTPUT 1 AND 2.

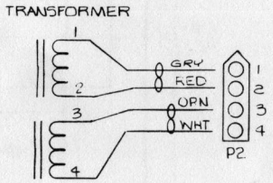
VOLTAGE VARIATION RANGE
± 5% ON OUTPUTS 3 AND 4
±0.5 VOLT ON OUTPUT 5, IF ADJUSTABLE SET, TO 26.5 VOLT, THEN SEAL ADJUSTMENT

OPERATING TEMP: 0° TO 55° AMBIENT



NOTES:
UNLESS OTHERWISE SPECIFIED,

1. ASSY NO IS 4500725-01.
2. INK STAMP ASSY NO., REV LEVEL AND VENDOR CODE APPROX WHERE SHOWN. NO VENDOR LABELS OR LOGOS ARE TO BE PLACED ON THE ASSY.
3. INSULATE EXPOSED TERMINALS
4. INDICATE REF DESIG 'J10' NEAR CONNECTOR (ITEM 1) APPROX AS SHOWN.
5. REMOVE PIN # 10.
6. LOCATION OF CONNECTOR (ITEM 1) OPTIONAL TO VENDOR WITHIN AREA INDICATED (7.00 x 4.88 x 3.25).
7. VENTED SIDES ARE OPTIONAL.
8. STANDOFFS ARE REQ'D IN LIEU OF PEM NUTS WHEN ANY COMPONENTS PERTRUDE BELOW THE POWER SUPPLY CHASSIS.
9. A.C. INPUT HARNESS TO BE 6.00" LONG FROM THE DATUM CORNER AS INDICATED.
10. 18 AWG CHASSIS GND WIRE TO BE 8.00" LONG FROM THE DATUM CORNER AS INDICATED.
11. FOR PROCUREMENT SEE LV 4500725.
12. THIS DIMENSION WILL INCLUDE SPACER HEIGHT.



VIEW A-A

-01	ITEM NO.	PART NUMBER	DESCRIPTION
1	5	—	CABLE TIE MARKER
1	4	—	TERM LUG #6-32
1	3	—	CONN, MOLEX 03-09-2042
4	2	—	PIN, MOLEX 02-09-2118
1	1	—	CONN, MOLEX 09-75-1141

PARTS LIST

NEXT ASSY	USED ON
4001008	PROMPT 48
4000720	PROMPT 80

QUANTITY PER DASH NO.

SCALE: NONE

TOL. ±	2 PLC	3 PLC	ANGLE
	.03	.010	–

MATERIAL: 1/8 THK ALUM

FINISH: CLEAR ALODINE

CODE: SHEET 1 OF 1

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TITLE: POWER SUPPLY

SIZE	DEPT	DRAWING NO.	REV
D	MCD	4500725	E

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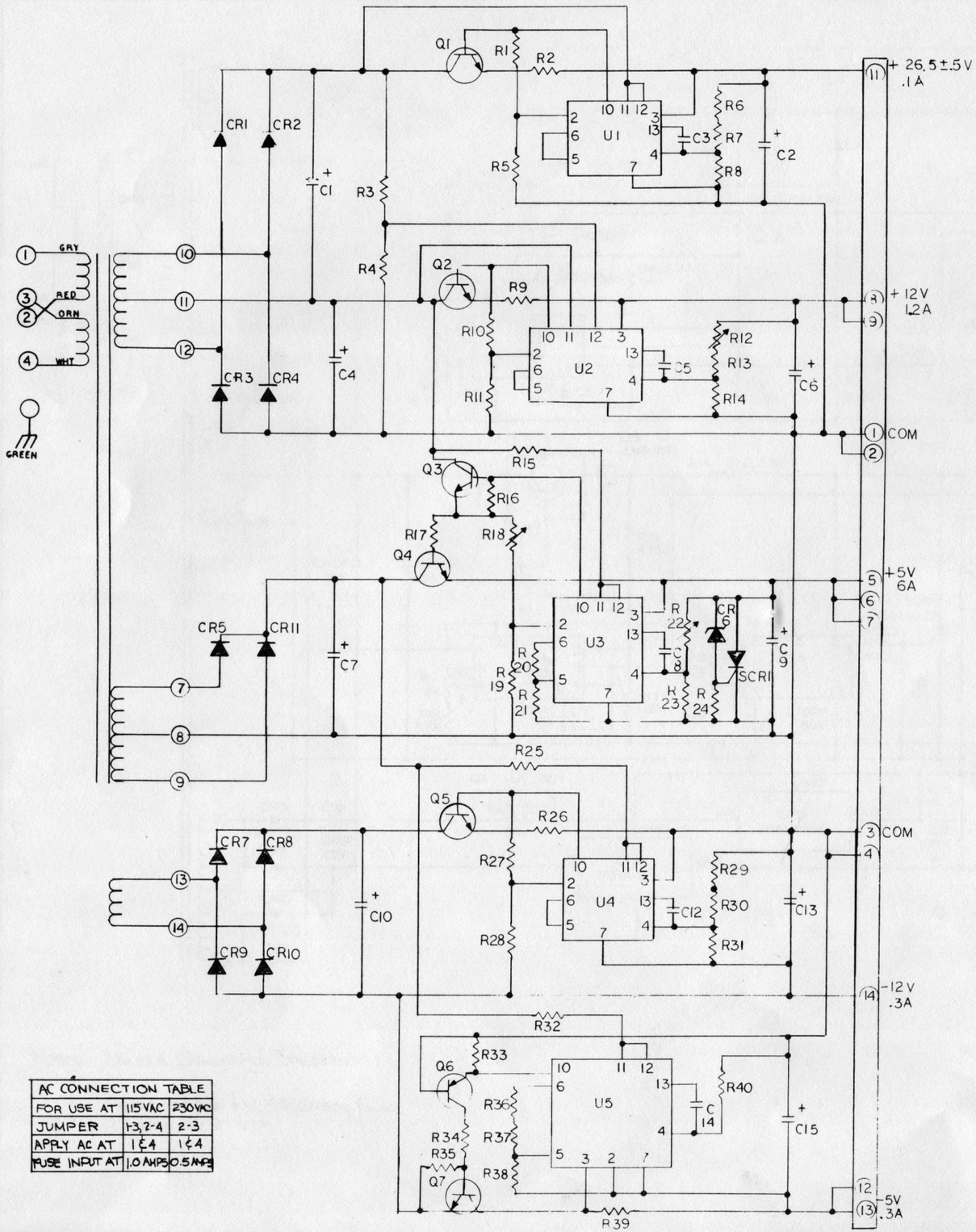
BISHOP GRAPHICS/ACCUPRESS RECORDER NO. A-5250



AC CONNECTION TABLE		
FOR USE AT	115 VAC	230 VAC
JUMPER	1-3, 2-4	2-3
APPLY AC AT	1 & 4	1 & 4
FUSE INPUT AT	1.0 AMPS	0.5 AMPS

RES DES	CP181		DESCRIPTION
C1	330/55 OR 470/25		CAPACITOR, ELECT
C2,6,13	100/35		
C4,10	2400/35		
C7	16000/15		
C9,15	220/16		ELECT
C3,5,12	.001/100		MYLAR
C8	.0039/100		
C14	.01/100		CAPACITOR, MYLAR
CR1,2,7,8,9,10	AE1C		DIODE, 1A, 200V
CR 3,4	AE3B		3A, 100 V
CR 5,11	MR 750		6A, 50V
CR 6	IN752A		DIODE ZENER
SCR1	S0508LS3		SCR, 8A
Q1,3	2N6551		TRANSISTOR, POWER NPN
Q2,7,5	12500-4		NPN
Q6	2N2907		TRANSISTOR, SIGNAL PNP
Q4	12505-2		TRANSFORMER
R1,3,16,25,37,30,33,37	270 Ω		RESISTOR, ½W, 5%, CF
R2,17	39 Ω		
R4,5,11,28	10K		
R6	510 Ω S.I.T.		
R7,14,23,19	2.2K		
R8 13,21,38,40	1K		
R10	750 Ω		
R15,32,34	47 Ω		
R20,31	750 Ω		
R24	47 Ω		
R29,36	270 Ω S.I.T.		
R39	1.5 Ω		½W, 5%, CF
R9,26	.39 Ω		RESISTOR, 2W, WW, BWH
R12,18,22	1.5 K		POT. CTS 4274
R27	330 Ω		RESISTOR, ½W, 5%, CF
U1,2,3,4,5	UA 723		IC VOLTAGE REGULATOR
P.C.B	13287		PRINTED CIRCUIT BOARD
T1	13253		TRANSFORMER
CHASSIS	12439		CHASSIS
J1	# 09 65 1141		P.C.B. CONNECTOR MOLEX

ITEM NO.	PART NUMBER	DESCRIPTION
		PARTS LIST

QUANTITY PER DASH NO.

SCALE: NONE

TOL. ±	2 PLC	3 PLC	ANGLE
	—	—	—

MATERIAL: —

FINISH: —

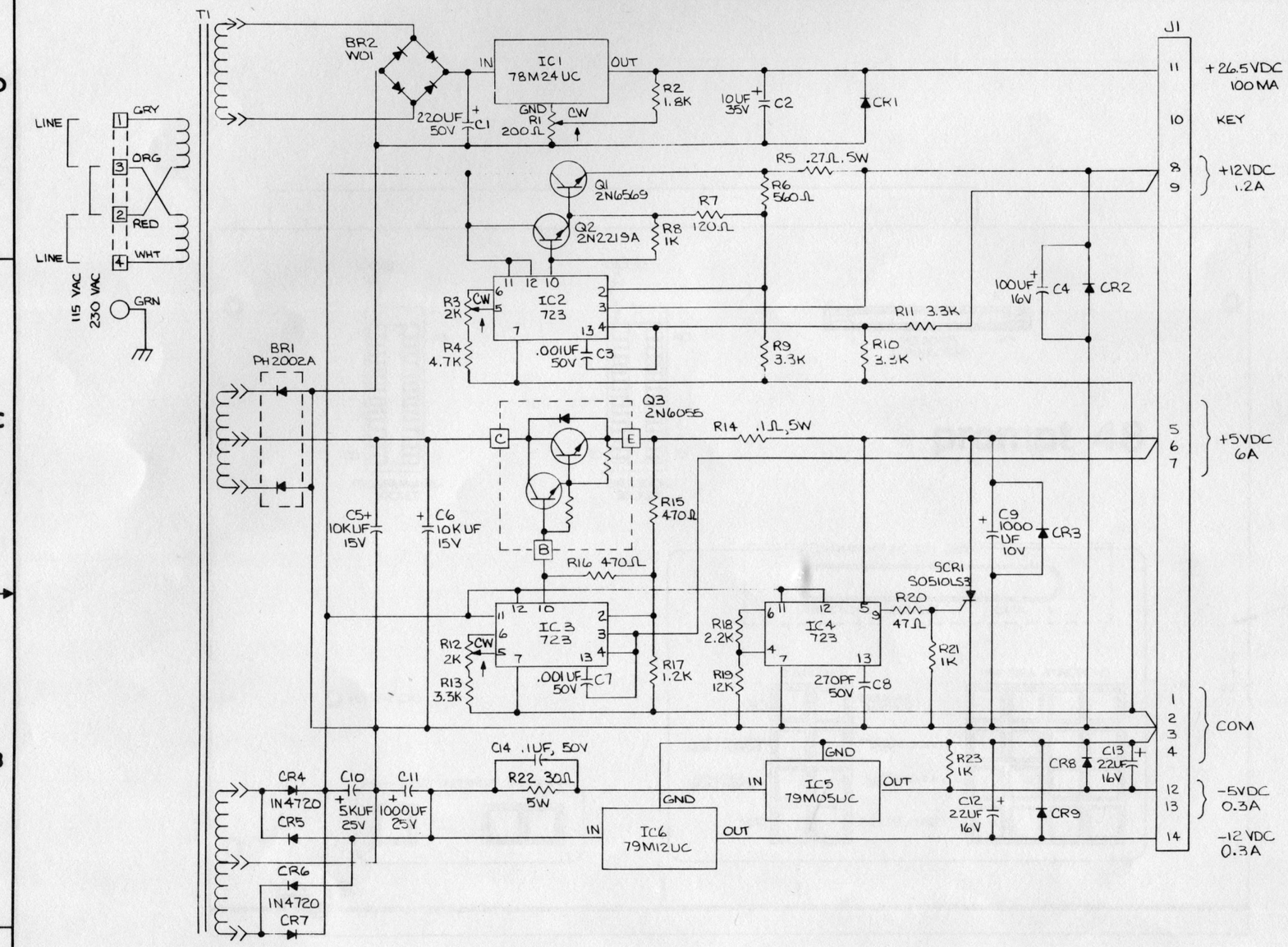
98-296 PROMPT 8D
NEXT ASSY USED ON

CODE: SHEET 1 OF 1

intel 3065 BOWERS AVE. SANTA CLARA CALIF. 95051

TITLE SCHEMATIC POWER SUPPLY V/C AA

SIZE	DEPT	DRAWING NO.	REV
D	410	2000960	A



NOTES: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE ½W, 5%, CARBON FILM.
2. ALL DIODES ARE IN 4001.

ITEM NO.	MFR. PART NUMBER	DESCRIPTION	REF DES
	49		
	48		
4	47	PEM CL-832-2	PEM NUT #8-32
1	46	H.H SMITH 8941	CABLE CLAMP 3/16
4	45	MOLEX 02-09-2118	CONNECTOR PINS. MALE
1	44	MOLEX 03-09-2042	CONNECTOR
1	43	MOLEX 09-75-1141	CONNECTOR
4	42	BAHRS TMB-101	'L' BRACKET ZINC PLATED
1	41	HAMILTON HALL HR5W	RESISTOR 30Ω 5W ±10% R22
1	40	HAMILTON HALL HR5W	RESISTOR .27Ω 5W ±10% R5
1	39	HAMILTON HALL HR5W	RESISTOR .1Ω 5W ±10% R14
2	38	BOURNS 3386S-1-202	POT. 2K R3,12
1	37	BOURNS 3386S-1-201	POT. 200Ω R1
1	36	CARBON FILM	RESISTOR 12K ½W 5% R19
1	35		4.7K R4
4	34		3.3K R9,10,11,13
1	33		2.2K R18
1	32		1.8K R2
1	31		1.2K R17
3	30		1K R8,21,23
1	29		560Ω R6
2	28		470Ω R15,16
1	27		120Ω R7
1	26	CARBON FILM	RESISTOR 47Ω ½W 5% R20
1	25	ECC S0510LS3	SCR 10A 50V SCR1
1	24	2N6055	TRANSISTOR Q3
1	23	2N2219A	TRANSISTOR Q2
1	22	2N6569	TRANSISTOR Q1
3	21	FAIRCHILD 723	I.C. IC2,3,4
1	20	FAIRCHILD 79M12UC	I.C. 3 TERMINAL REGULATOR IC6
1	19	FAIRCHILD 79M05UC	I.C. 3 TERMINAL REGULATOR IC5
1	18	FAIRCHILD 78M24UC	I.C. 3 TERMINAL REGULATOR IC1
2	17	MOTOROLA MR501 IN4720	DIODE CR4,7
7	16	IN4001	DIODE CR1,2,3,5,6,8,9
1	15	G.I. W01	BRIDGE RECTIFIER FULL WAVE BR2
1	14	G.I. PH2002A VARO R711A	BRIDGE RECTIFIER ½ WAVE BR1
1	13	ILLINOIS GC.1	CAPACITOR .1uf 50V CER DISC C14
2	12	ILLINOIS 16PC22	22uf 16V C12,13
1	11	MATSUSHITA ECE A25V1000L ILLINOIS 25R1000	1K uf 25V C11
1	10	G.E. 84F683AMA	5K uf 25V C10
1	9	ILLINOIS 10R1000	1K uf 10V C9
1	8	ILLINOIS BC270PF	270pf ±10% 50V CER DISC C8
2	7	SANGAMO D52TP103X015B	10Kuf 15V C5,6
1	6	ILLINOIS 16PC100	100uf 16V C4
2	5	SOLAR —	.001uf 50V CER DISC C3,7
1	4	ILLINOIS 10PC35	10uf 35V C2
1	3	ILLINOIS 50R220	CAPACITOR 220uf 50V C1
1	2	XENTEK A2779-T01	TRANSFORMER T1
1	1	XENTEK C2016-M01	HEATSINK

PARTS LIST

QUANTITY PER DASH NO.

SCALE: NONE

TOL. ±	2 PLC	3 PLC	ANGLE
	—	—	—

MATERIAL:

FINISH:

NEXT ASSY	USED ON
96-2516	PROMPT 80

CODE: SHEET 1 OF 1

intel 3065 BOWERS AVE. SANTA CLARA CALIF. 95051

TITLE SCHEMATIC, POWER SUPPLY (LOW END) V/C AB

SIZE	DEPT	DRAWING NO.	REV
D	410	2001041	A

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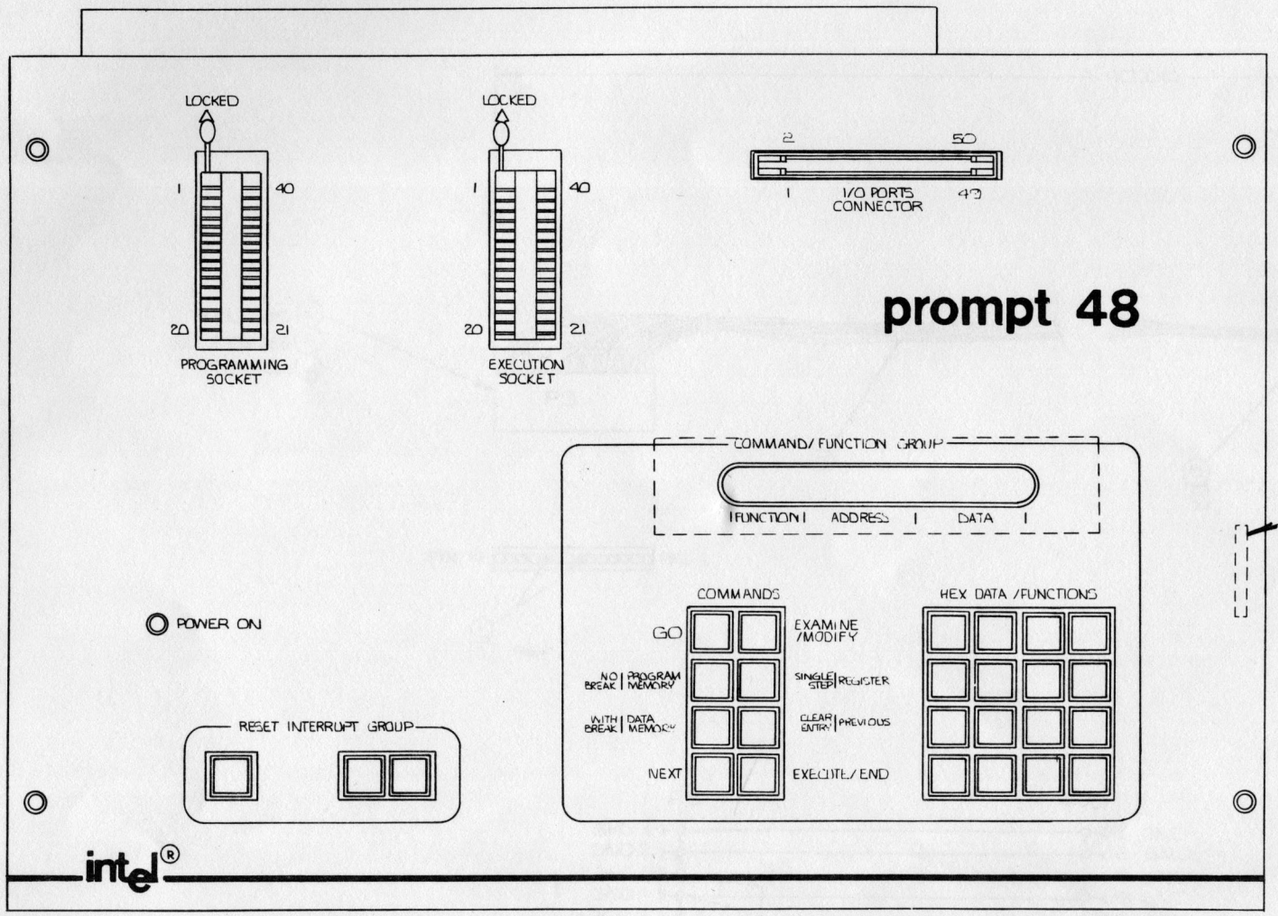

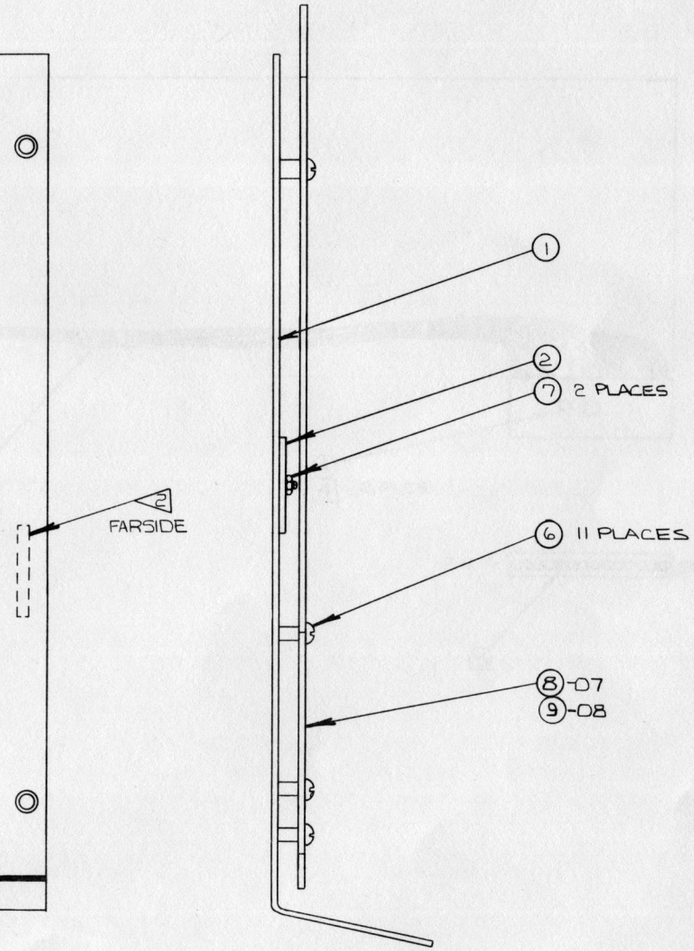

-SEE SEPARATE PARTS LIST-

NOTES:
UNLESS OTHERWISE SPECIFIED

1. ASSY NO IS 4001009-XX.

2 INK STAMP ASSY NO AND REV LEVEL APPROX. WHERE SHOWN.

ITEM NO.	PART NUMBER	DESCRIPTION
		PARTS LIST

QUANTITY PER DASH NO.

SCALE: 1:1

TOL. ±	2 PLC	3 PLC	ANGLE
	—	—	—

MATERIAL: SEE PARTS LIST

FINISH: —

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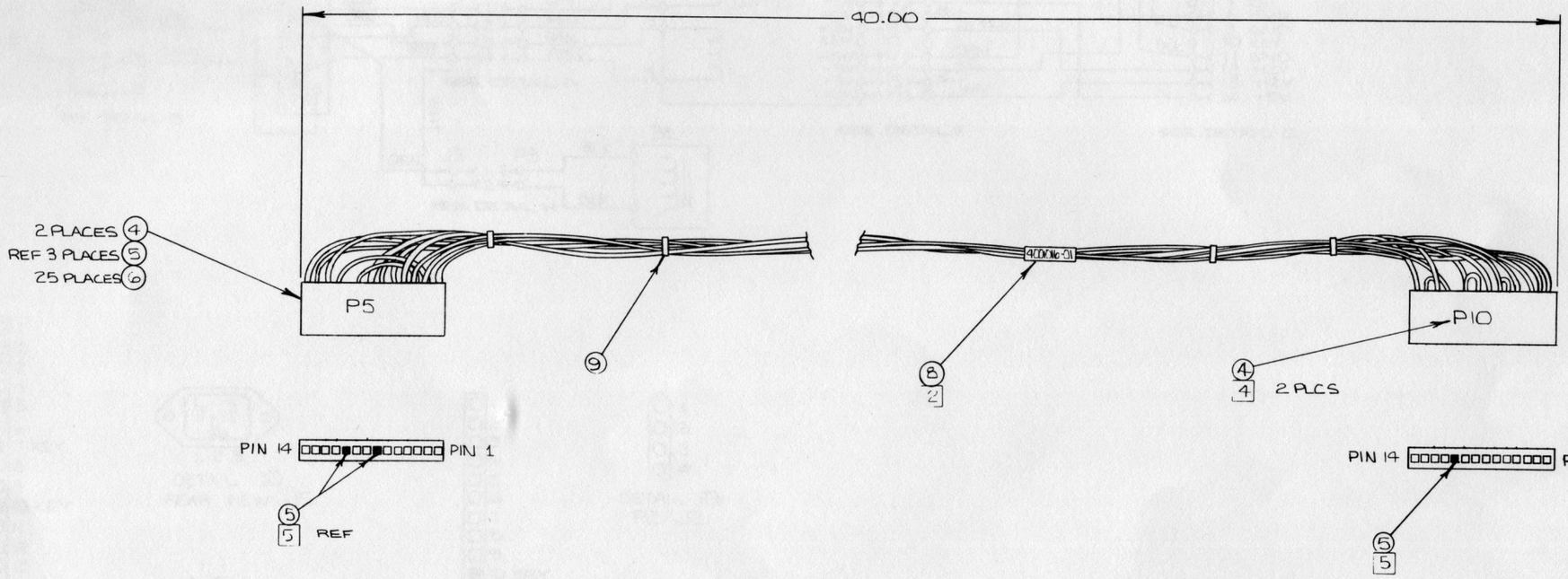
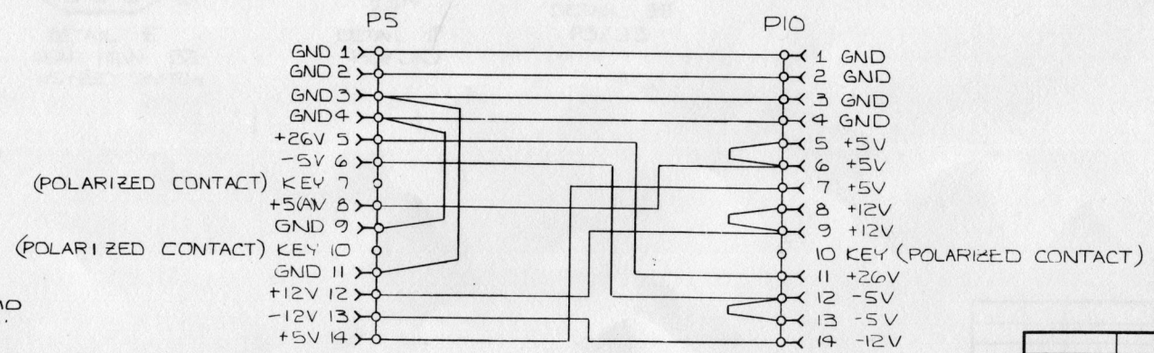
TITLE: FRONT PANEL ASSY

SIZE	DEPT	DRAWING NO.	REV
D	MCD	4001009	E

CODE: SHEET 1 OF 1

NEXT ASSY	USED ON
4001008	PROMPT 48





NOTES:
UNLESS OTHERWISE SPECIFIED,

1. ASSY PART NO IS 4001016-01
2. [2] MARK ASSY PART NO AND REV. LEVEL ONTO ITEM 8.
3. DIMENSION IS IN INCHES.
4. [4] IDENTIFY CONNECTOR P5 AND P10 AS SHOWN USING CONTRASTING INK.
5. [5] INDICATES POLARIZED CONTACTS, P5-PIN 7,10 AND P10-P10.

QUANTITY PER DASH NO.			
SCALE: NONE			
TOL. ±	2 PLC	3 PLC	ANGLE
	1/4"	—	—
MATERIAL: SEE PARTS LIST			
FINISH: —			

4001008	PROMPT 48
NEXT ASSY	USED ON

ITEM NO.	PART NUMBER	DESCRIPTION
		PARTS LIST

CODE: SHEET 1 OF 1

intel® INTEL 1977 3065 BOWERS AVE. SANTA CLARA CALIF. 95051

TITLE HARNESS D.C. POWER

SIZE	DEPT	DRAWING NO.	REV
D	MCD	4001016	B

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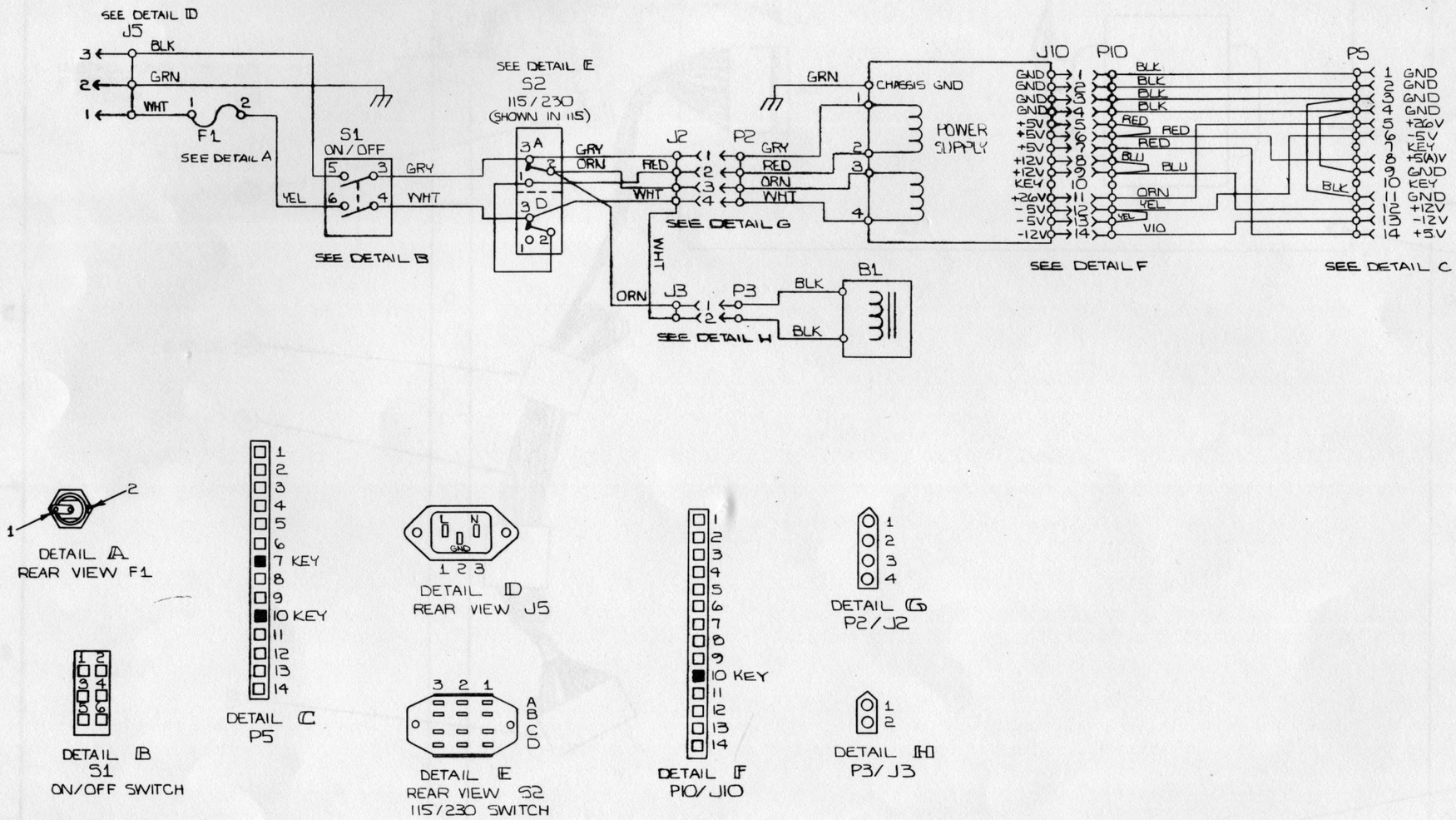

NOTES: UNLESS OTHERWISE SPECIFIED

1. 'P' DESIGNATION INDICATES A NON-STATIONARY CONNECTOR.
2. 'J' DESIGNATION INDICATES A FIXED CONNECTOR.

ITEM NO.	PART NUMBER	DESCRIPTION
		PARTS LIST

QUANTITY PER DASH NO.

SCALE: NONE

TOL. ±	2 PLC	3 PLC	ANGLE
	—	—	—

MATERIAL: —

FINISH: —

NEXT ASSY: 9001007 — USED ON: PROMPT 48

CODE: — SHEET 1 OF 1

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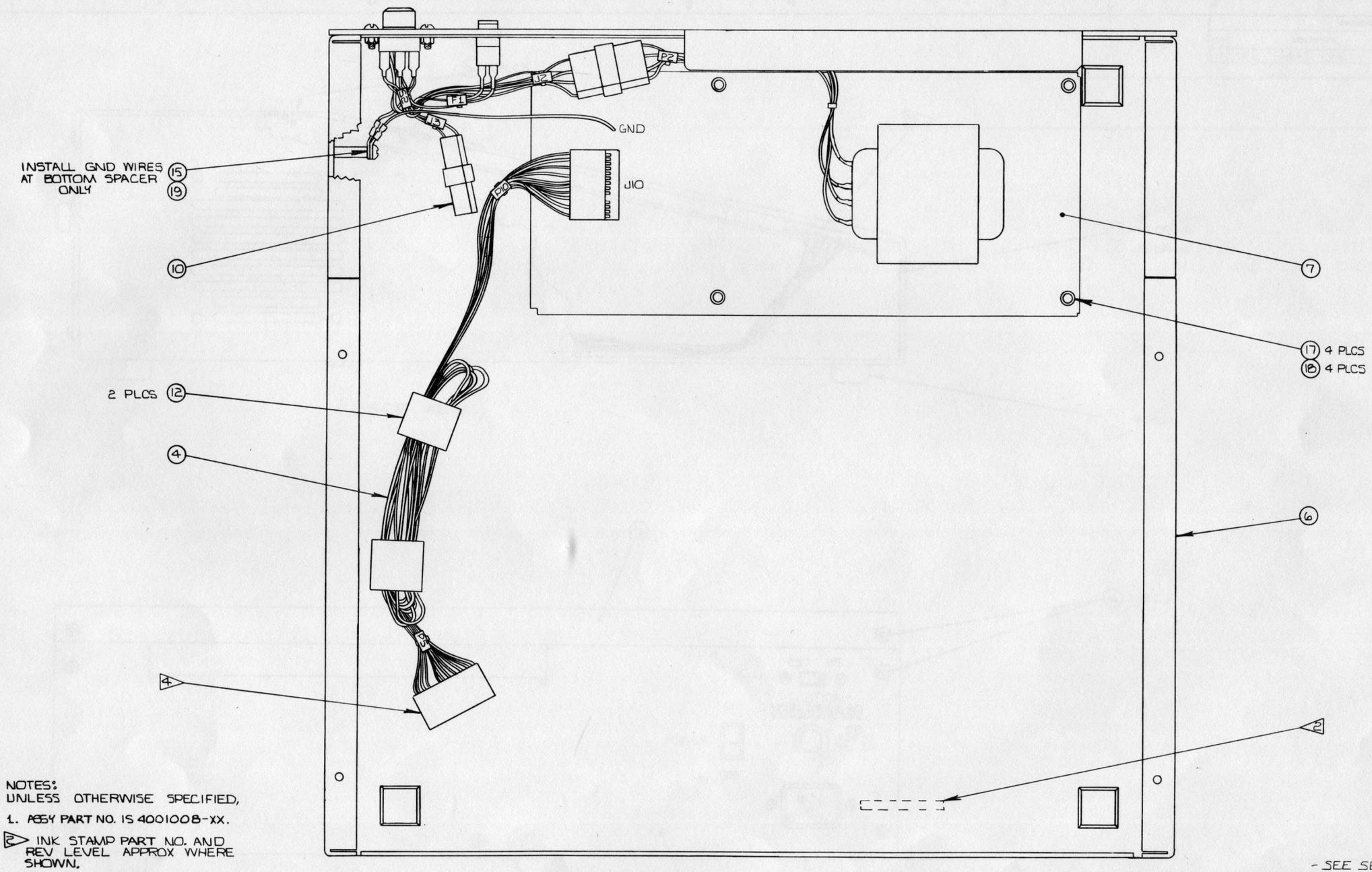
TITLE: WIRING DIAGRAM A.C. / D.C. POWER

SIZE	DEPT	DRAWING NO.	REV
D	MCD	2001102	B



TOP VIEW
(TOP COVER & FRONT PANEL ASSY NOT SHOWN FOR CLARITY)

NOTES:
UNLESS OTHERWISE SPECIFIED,

1. ASSY PART NO. IS 4001008-XX.

2. INK STAMP PART NO. AND REV LEVEL APPROX WHERE SHOWN.

3. REMOVE ADHESIVE-BACK STICKERS FROM CHASSIS PRIOR TO ASSEMBLY OF BUMPER FEET.

4. PLUG CONNECTOR P5 INTO DISPLAY BOARD ON FRONT PANEL.

-SEE SEPARATE PARTS LIST-

NEXT ASSY	USED ON
4001383	PROMPT48
4001382	PROMPT48
4001381	PROMPT48
4001007	PROMPT48

QUANTITY PER DASH NO.

ITEM NO.	PART NUMBER	DESCRIPTION
		PARTS LIST

SCALE: 1:1

TOL. ±	2 PLC	3 PLC	ANGLE
	—	—	—

MATERIAL: SEE PARTS LIST

FINISH: —

CODE: SHEET 1 OF 2

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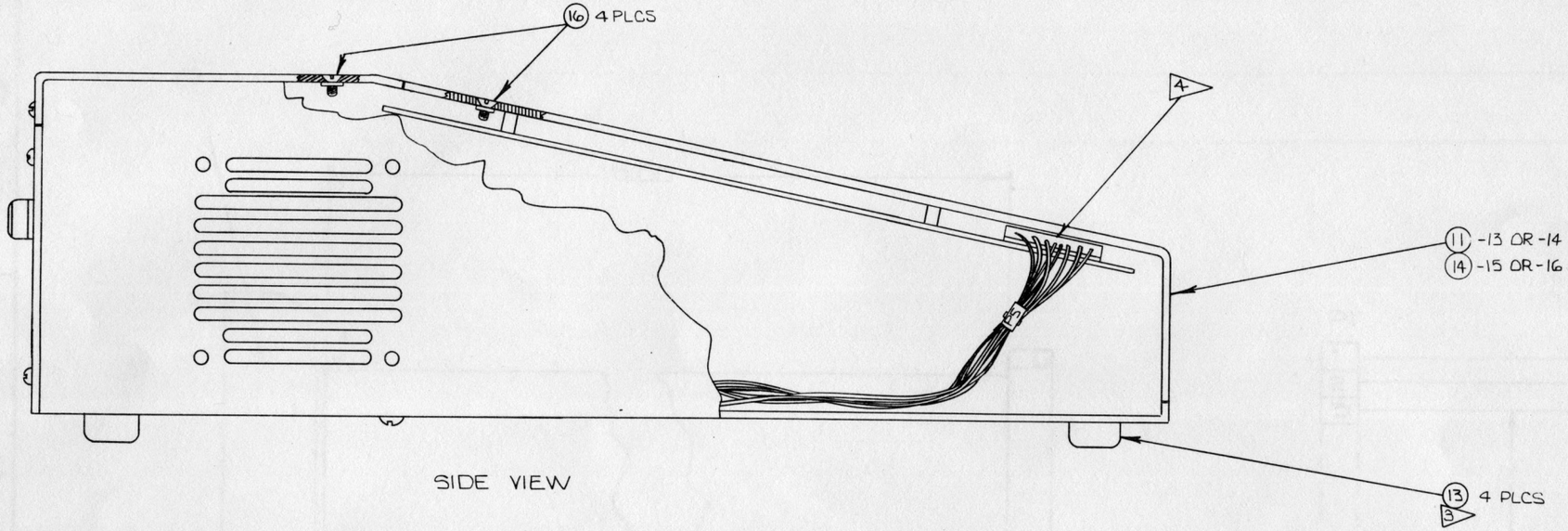
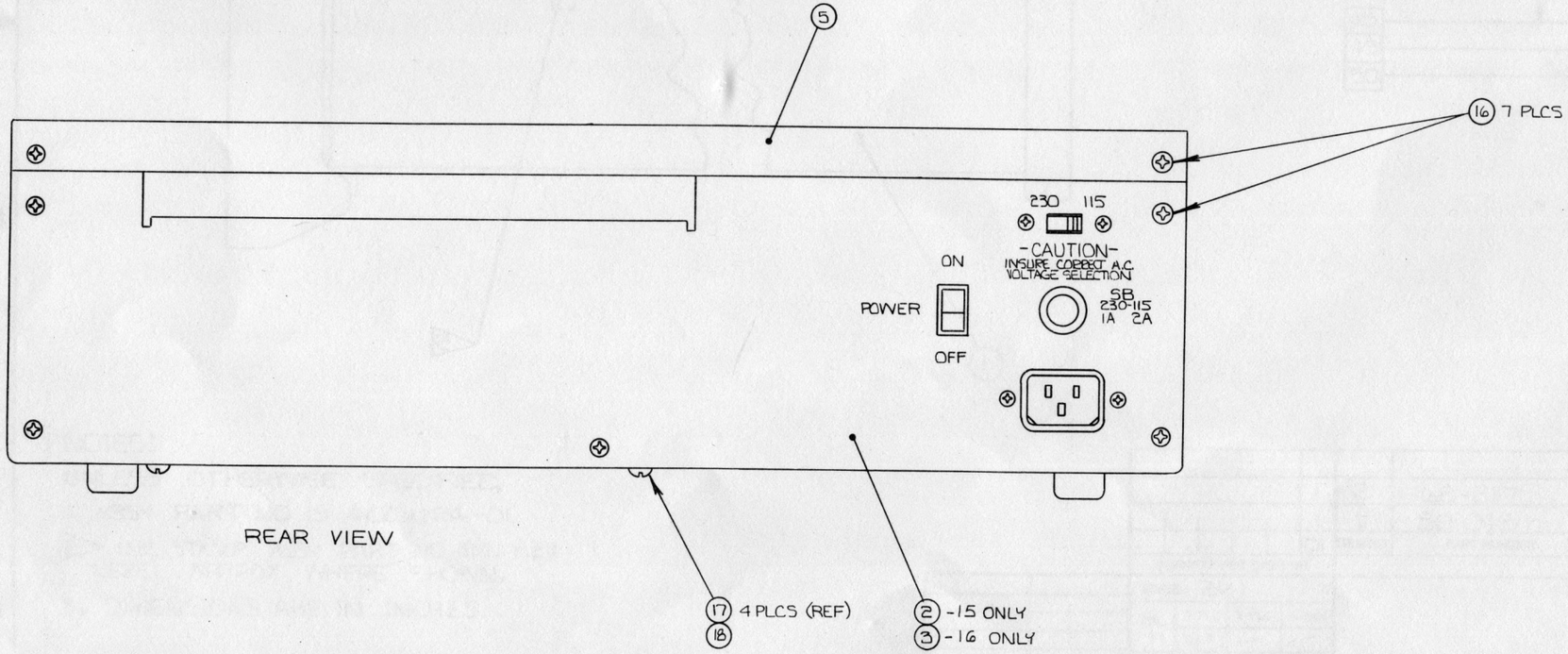
TITLE ASSEMBLY MAIN FRAME

SIZE	DEPT	DRAWING NO.	REV
D	MCD	4001008	D

REVISIONS				
LTR	DESCRIPTION	DFT	CHK	ENGR
—	SEE SHEET ONE	—	—	—

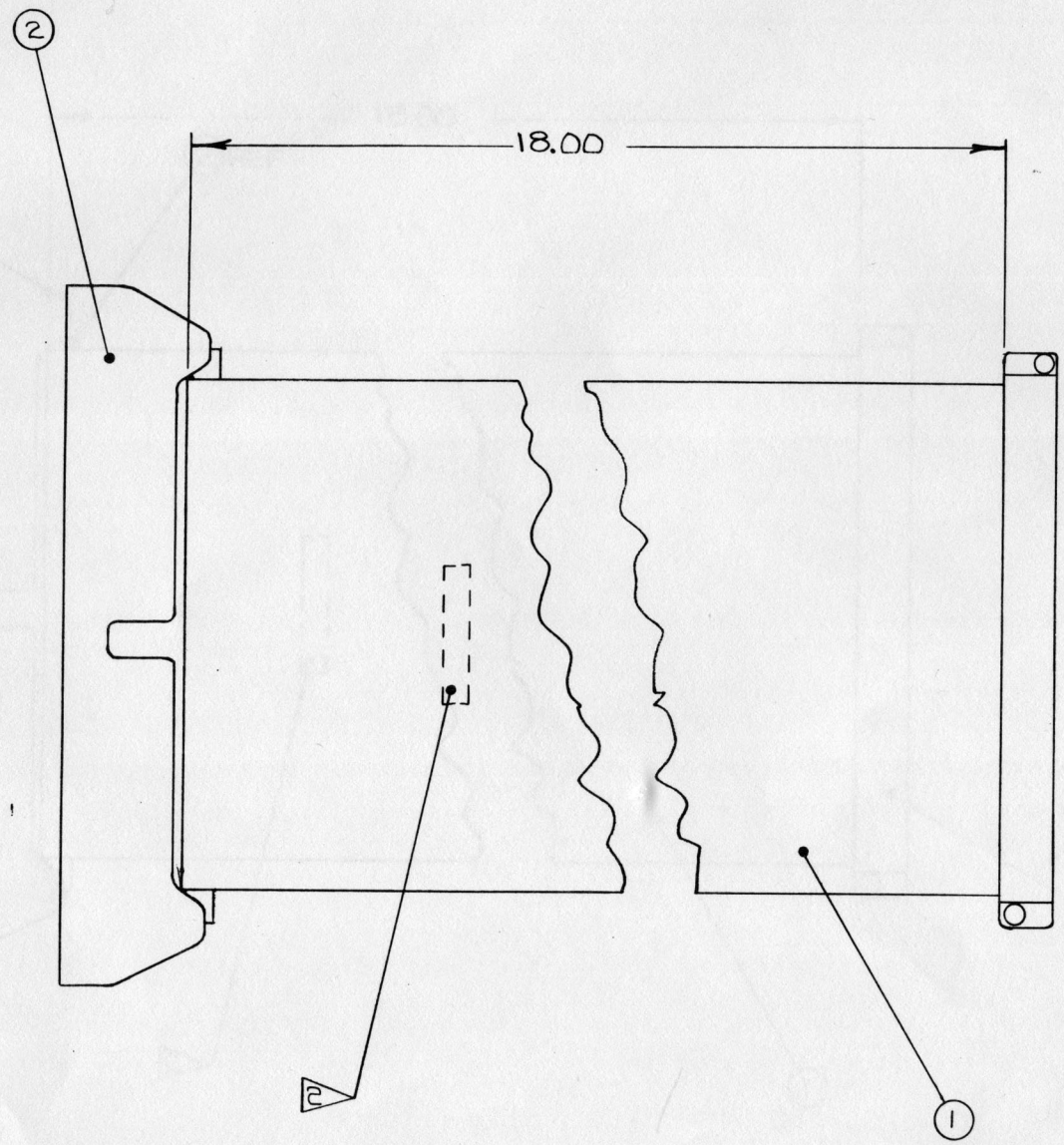


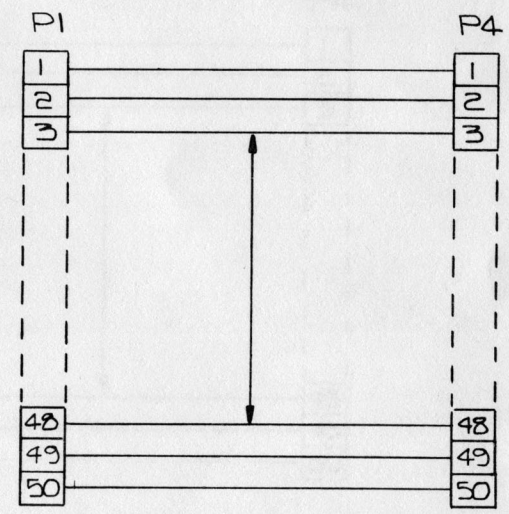
SIDE VIEW



REAR VIEW

SCALE: 1:1	SIZE	DEPT	DRAWING NO.	REV
SHEET 2 OF 2	D	MCD	4001008	D





NOTES:

UNLESS OTHERWISE SPECIFIED,

1. ASSY PART NO IS 4001124-01

2 INK STAMP ASSY PART NO AND REV LEVEL APPROX WHERE SHOWN.

3. DIMENSIONS ARE IN INCHES.

QUANTITY PER DASH NO.				ITEM NO.	PART NUMBER	DESCRIPTION
			1	2	68-217	CONN, 50 PIN HEADER
			1	1	80-048	FLAT CABLE ASSY 18.5" COND 28AWG
			01			

PARTS LIST

NEXT ASSY	USED ON
4001383	PROMPT 48
4001382	PROMPT 48
4001381	PROMPT 48
4001007	PROMPT 48

SCALE: 2/1

TOL. ±	2 PLC	3 PLC	ANGLE
	1/4"	—	—

MATERIAL: SEE ABOVE

FINISH: —

CODE:

SHEET 1 OF 1

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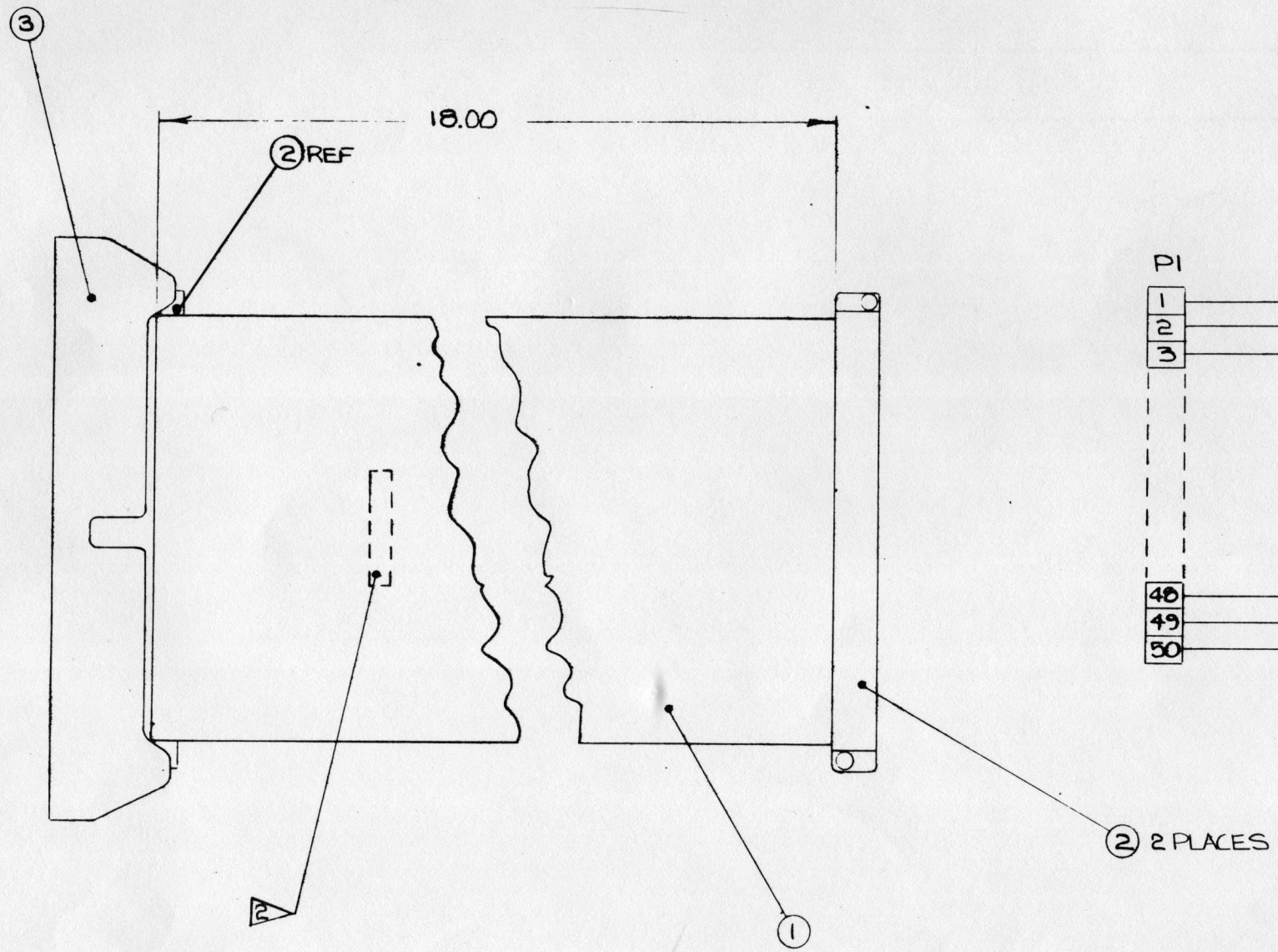
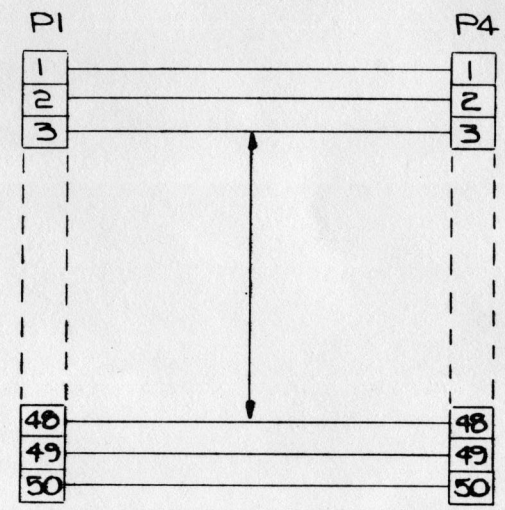
TITLE CABLE ASSY USER INTERFACE

SIZE	DEPT	DRAWING NO.	REV
C	MCD	4001124	A





NOTES:
UNLESS OTHERWISE SPECIFIED,
1. ASSY PART NO IS 4001373-01.
2 INK STAMP ASSY PART NO AND REV LEVEL APPROX WHERE SHOWN.
3. DIMENSIONS ARE IN INCHES.

ITEM NO.	PART NUMBER	DESCRIPTION
3	68-217	CONN, HDR, 50 POS, .100 CNTRS, W W
2	68-031	CONN, SOCKET, 50 PIN, FLAT CBL
1	80-005	CABLE, 50 COND, 28 AWG, FLAT

PARTS LIST

QUANTITY PER DASH NO.	
1	
2	
1.6	
-01	

NEXT ASSY	USED ON
4001383	PROMPT48
4001382	PROMPT48
4001381	PROMPT48
4001007	PROMPT 48

SCALE: 2/1

TOL. ±	2 PLC	3 PLC	ANGLE
	1/4"	—	—

MATERIAL: SEE ABOVE

FINISH: —

CODE:

SHEET 1 OF 1

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TITLE CABLE ASSY, USER INTERFACE (ALTERNATE)

SIZE	DEPT	DRAWING NO.	REV
C	MCD	4001373	A