

FIELD MAINTENANCE PRINT SET

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FIELD MAINT. PRINT SET KY11-LB - B-TC-KY11-LB-1
CONSOLE ASSY PROGRAMMERS -D-UA-KY11-LB-0
CIRCUIT ETCH BOARD KY11-LB -D-CS-5411800-0-1
CIRCUIT, INTERFACE, PROG. -D-CS-M7859-0-1
CONSOLE

[illegible]

Digital Equipment Corporation

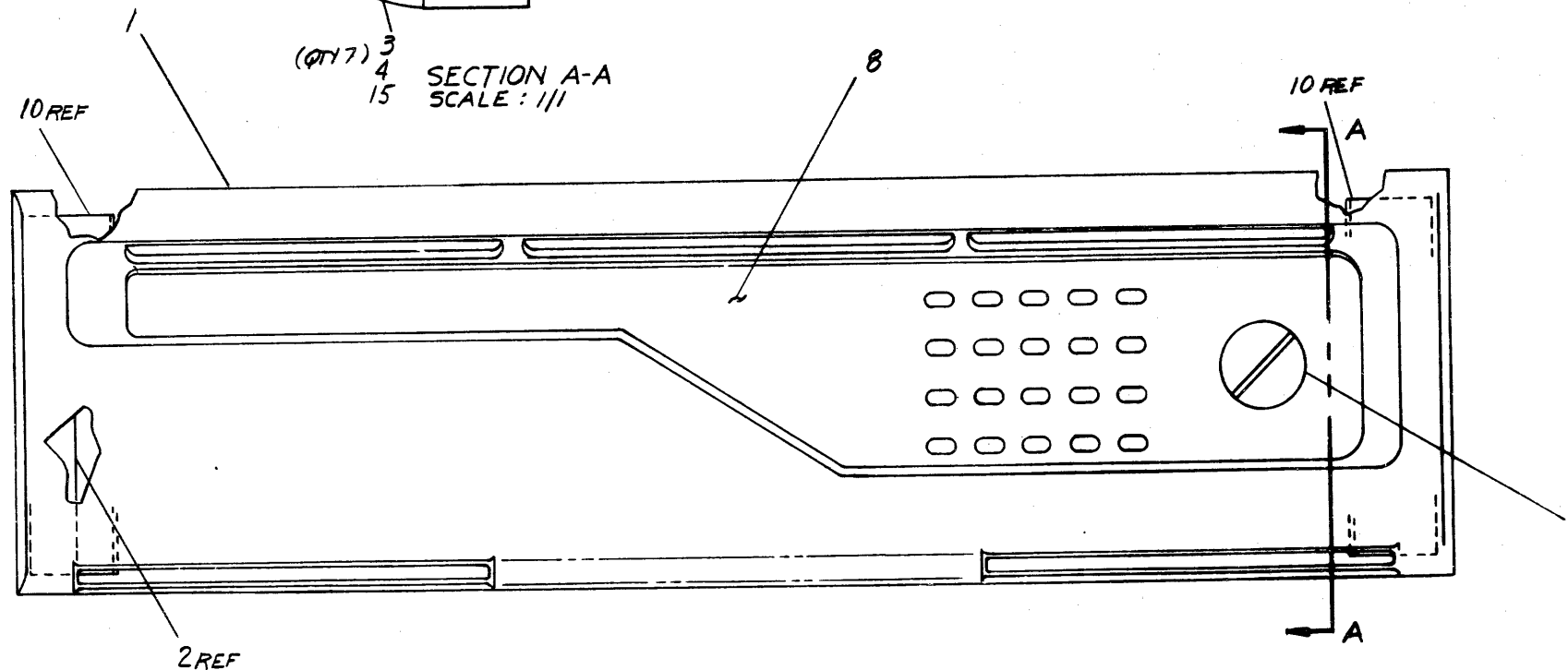
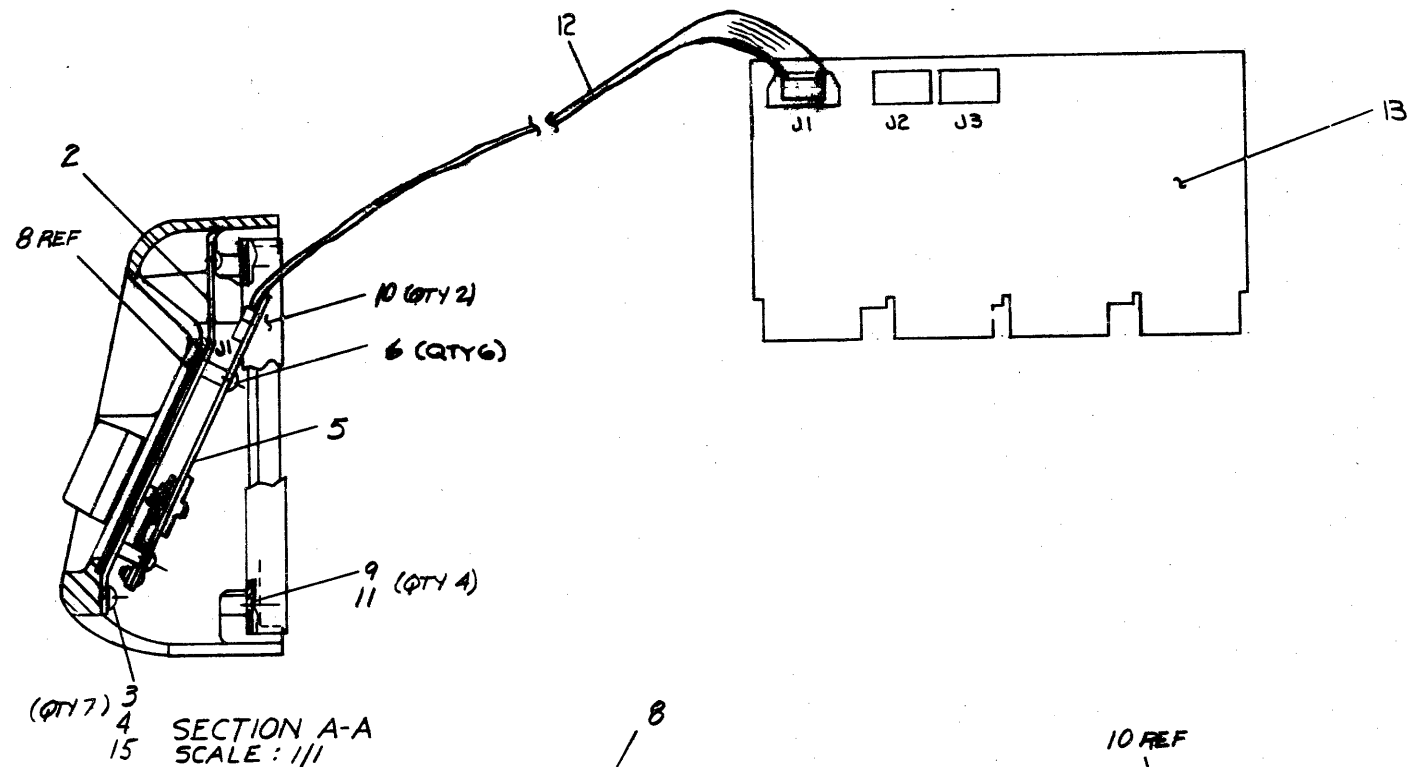
PRINT SET ORDER NO.
MP00015

REVISIONS	DATE	CHG. NO.	REV.	USED ON OPTION/MODEL 11/34 SHEET 1 OF 1	DRN.	DATE	TITLE: FIELD MAINTENANCE PRINT SET KY11-LB SIZE B CODE TC NUMBER KY11-LB-1 REV. DIST.
					D. HEALY	11/5/75	
					CHK'D	DATE	
					D. HEALY	11/6/75	
					PROJ. ENG.	DATE	
					R. B. PRATT	12-11-75	
					FIELD SERV.	DATE	
					<i>[Signature]</i>	1-5-76	

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NOTES:

- ITEM #14 NOT SHOWN ON THIS ASSY, TO BE SUPPLIED AS LOOSE PIECE - 2 REQ'D
- PART #7413657-10 MAY BE USED WHEN 7415599 IS NOT AVAILABLE.



7	WASHER, FLAT, .375X.187X.036	9006660	15
2	CABLE CONS TO BACKPLANE	C-1A-7011411-1D-0	14
1	INTERFACIAL PROG CNSL	D-CS-M7859-04	13
1	CABLE, CNLS TO M7859	D-1A-X12214-0-0	12
4	SPACER HEX 1/4X.38L	9006802	11
2	BRKT FILTER SUPPORT	CMD-7414962-0-0	10
4	SCR PHIL FL HD 832X.62	9006040-2	9
1	PANEL, PROGRAMERS	D-1A-7415047-0-0	8
1	KNOB, ROTARY	1212570	7
6	SCR PHIL HD PAN 832X.38	9006022-1	6
1	CIRCUIT ETCH BD KYH-LB	D-C-1A-11800-0-1	5
7	SCR FILL HD PAN 832X.31	9006799-06	4
7	WASHER, SPRING LOCK	9006690	3
1	SUPPORT, PANEL	D-1A-7415048-0-0	2
1	BEZEL 11/04	END-7415599-0-0	1

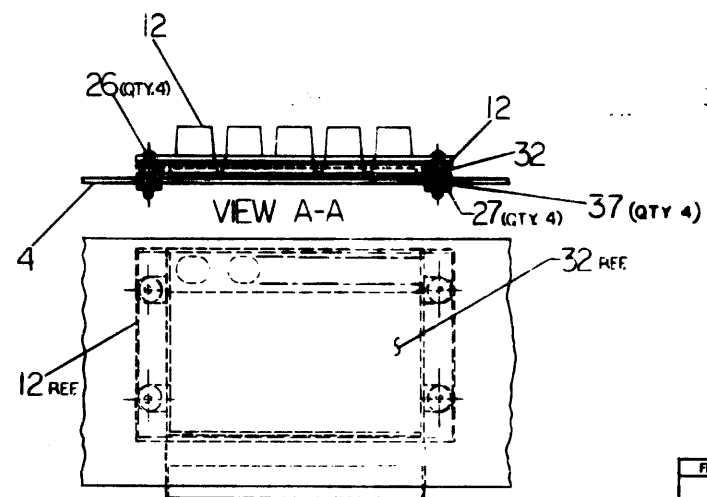
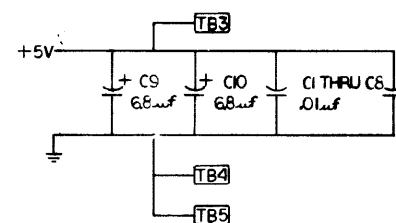
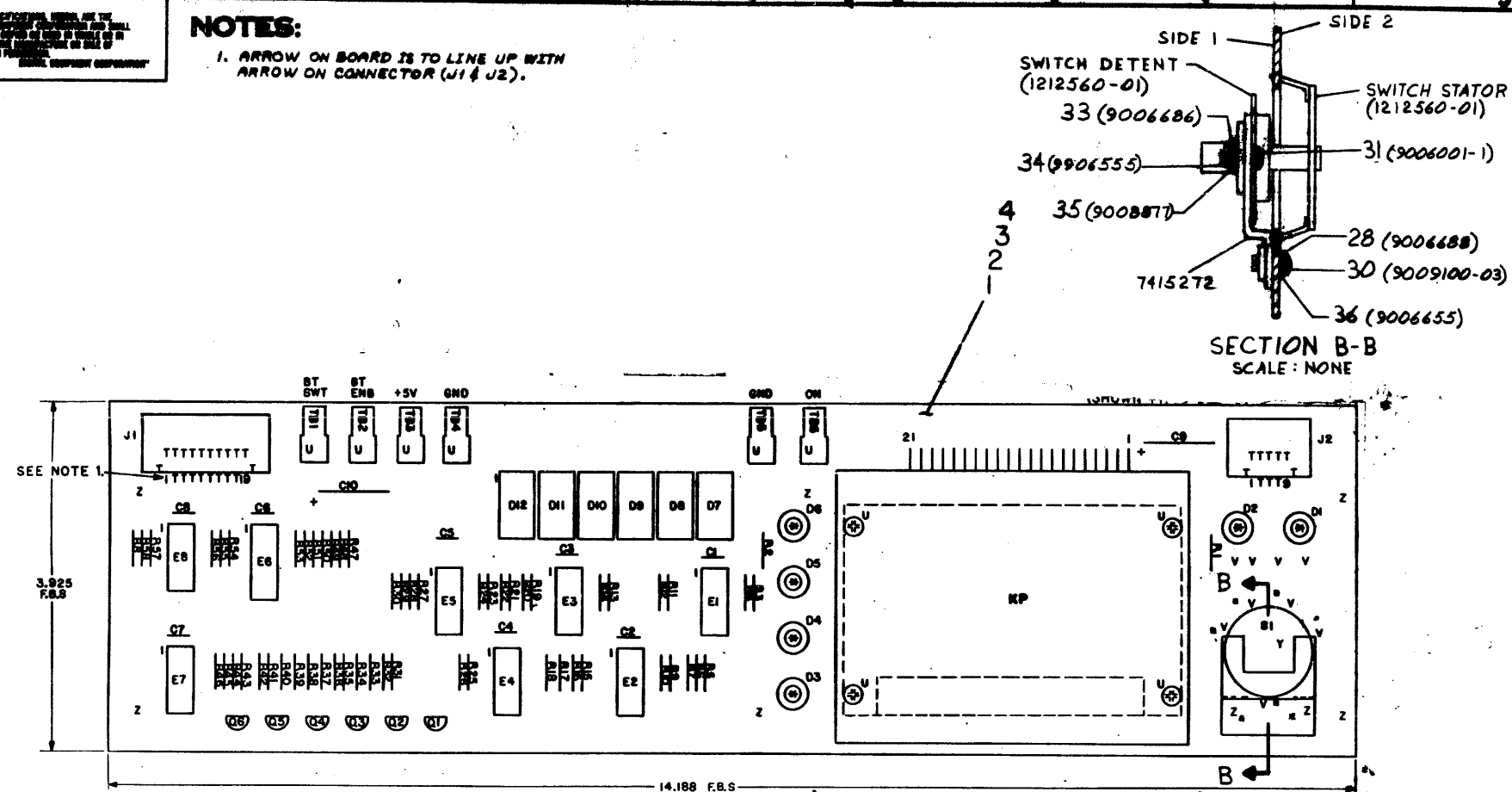
DESCRIPTION	DWG/PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES 10° 30°	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES
SURFACE QUALITY IN	MEDIUM	OVER 12.5 TO 40.0 OVER 40.0 TO 80.0 OVER 80.0 TO 160.0
MICROMETERS	PREFERRED	1.004 1.008 1.012 1.016 1.024 1.04 1.063 1.081

THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS	DO NOT SCALE DWG	MATERIAL	FINISH
CHGK	ENG	PROJ	PROD	
DATE	DATE	DATE	DATE	
TITLE CONSOLE ASSY PROGRAMERS				
SIZE CODE NUMBER REV. D UA KY11-LB-0 B				
SHEET 1 OF 1				

REV.	CHG	CHANGE NO.	DATE
1	A	1	11/1/76
2	B	2	11/1/76
3	C	3	11/1/76
4	D	4	11/1/76
5	E	5	11/1/76
6	F	6	11/1/76
7	G	7	11/1/76
8	H	8	11/1/76
9	I	9	11/1/76
10	J	10	11/1/76

DEC FORM NO. 100-C

1. ARROW ON BOARD IS TO LINE UP WITH
ARROW ON CONNECTOR (J1 & J2).



REF			
REF		X-Y COORDINATE HOLE LOCATION	K-CO-5411800-0-4
REF		ASSY/DRILLING HOLE LAYOUT	D-AH 5411800-0-5
REF		MODULE ECO HISTORY	B-WH-5411800-0-6
1		ETCHED CIRCUIT BOARD	5011799
0	C1 THRU C8	CAPACITOR, .01uf, 100V, 20%	1001610-01
2	C9, C10	CAPACITOR, 0.0uf, 35 VDC, 10%	1005300
0	D1 THRU D6	DIODE, LIGHT EMITTING	1110064
0	D7 THRU D12	7 SEGMENT, DISPLAY	1911297
1	J1	CONNECTOR, 20 PIN	1209941-06
1	J2	CONNECTOR, 10 PIN	1209941-05
1	S1	SWITCH, ROTARY, 3 POSITION	1212500-01
1	KP	KEYPAD	1211050
0	D7 THRU D12	SOCKET, 14 PIN	1211013-01
12	R1, R2, R5, R6, R7, R47 THRU R59	RESISTOR, 150 OHM, 1/4W, 5%	1300250
10	R32, R34, R36, R38, R40, R42, R27 THRU R30	RESISTOR, 1K, 1/4W, 5%	1300305
0	R61, R33, R35, R37, R39, R41	RESISTOR, 820 OHM, 1/4W, 5%	1303170
30	R3, R4, R8 THRU R26, R43 THRU R46, R64 THRU R56	RESISTOR, 10K, 1/4W, 5%	1300479
0	Q1 THRU Q6	TRANSISTOR, MPS455	1510706
1	E0	I.C. DEC 7404	1000000
1	E7	I.C. DEC 7417	1000920
1	E8	I.C. DEC 7447A	1011205
5	E1 THRU E5	I.C. DEC 9001	1000705
0		EYELET	9000000
0	TB1 THRU TB6	TERMINAL, QUICK DISCONNECT	9007112
6		WASHER, SHOULDER	9000310
4		SCREW, PHILLIPS #4/40 x 3/16 LG	9000003-01
4		NUT, KEP #4/40	9000007
2		WASHER, LOCK #4	9006688
1		BRACKET, SWITCH	7415272
2		SCREW, PHILLIPS # 4/40 x 1/4 LG	9009100-03
2		SCREW PHILLIPS #2-56 X 1/4 LG	9006001-1
1		RETAIN, KEY BOARD ASSY	C-IA-703377-0-0
2		WASHER, LOCK #2	9006686
2		NUT, HEX	9006555
2		WASHER, FLAT #2	9008877
2		WASHER, FLAT #4	9006655
4		WASHER, NYLON	9006706

QTY	REF. DESIGNATION	DESCRIPTION										PART NO.	ITEM NO.
PARTS LIST													
ETCH BOARD REV.	C												
		DRN.	J. Vincent	DATE	9-19-75	 TITLE KYII-LB (CONSOLE BOARD)							
		CHKD.	F. Egan	DATE	11-21-75								
		ENG.	C. B. Burt	DATE	11-26-75								
		PROJ. ENG.	C. B. Burt	DATE	11-26-75								
		FILED	R. J. MacGowan	DATE	2-3-76								
		NEXT HIGHER ASSY											
DEC NO.	EIA NO.	SCALE	1:1			SIZE	CODE	NUMBER	REV.				
CONVERSION CHART		SHEET	1 OF 3			D	CS	5411800-0-1	D				

RELINQ 8 DASH 5 JAN 77	B. PRATT	B. BROWN 17 DEC 76	5411800-00002 D	5411800-00001 C	REV.
			5411800-00001 C	5411800-00001 C	CHNK
		B. BERNSTEIN	B. BERNSTEIN 20 SEP 76	5411800-00001 C	CHNK
			AS ORDERED 7 SEP 76	5411800-00001 C	CHNK

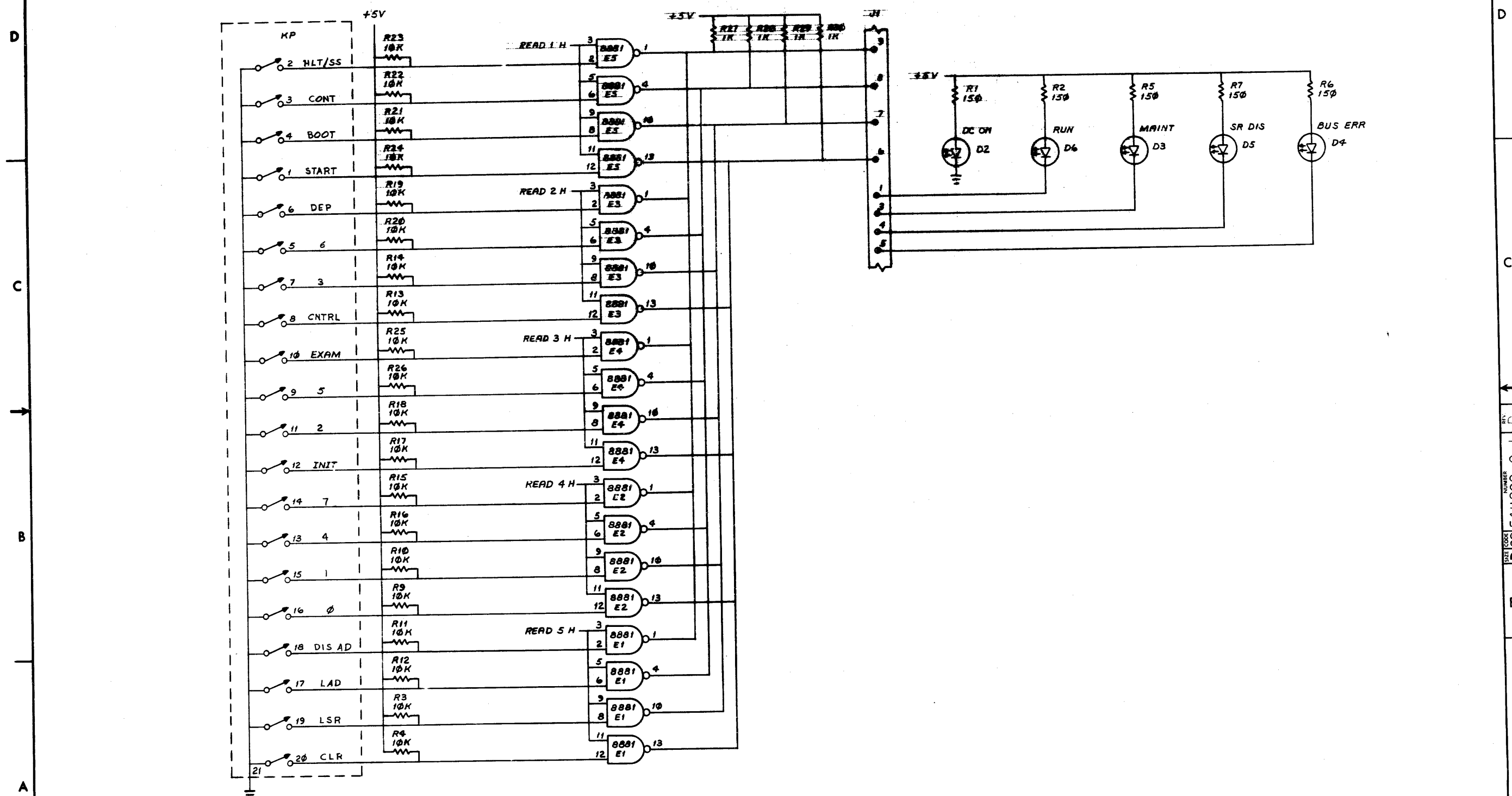
		REVISIONS	
DEC NO.	EIA NO.	DEC NO.	EIA NO.

SEMICONDUCTOR CONVERSION CHART

DRN.	<i>J. Vincent</i>	DATE	9-19-75
CHRG.	<i>Fugate</i>	DATE	11-20-75
ENG.	<i>28 Dept</i>	DATE	11-26-75
PROJ. DATE	<i>12-1-75</i>	DATE	11-26-75
PROJ.	<i>R 21 Mile Creek</i>	DATE	2-3-76
NEXT HIGHER ASST			
SCALE		<i>11</i>	
SCALE	<i>1 1/2 3</i>		

digital			
TITLE KYII-LB (CONSOLE BOARD)			
SIZE D	CODE CS	NUMBER 5411800-0-1	REV D

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REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO
DDP 130

TITLE	KYII-LB (CONSOLE BOARD)
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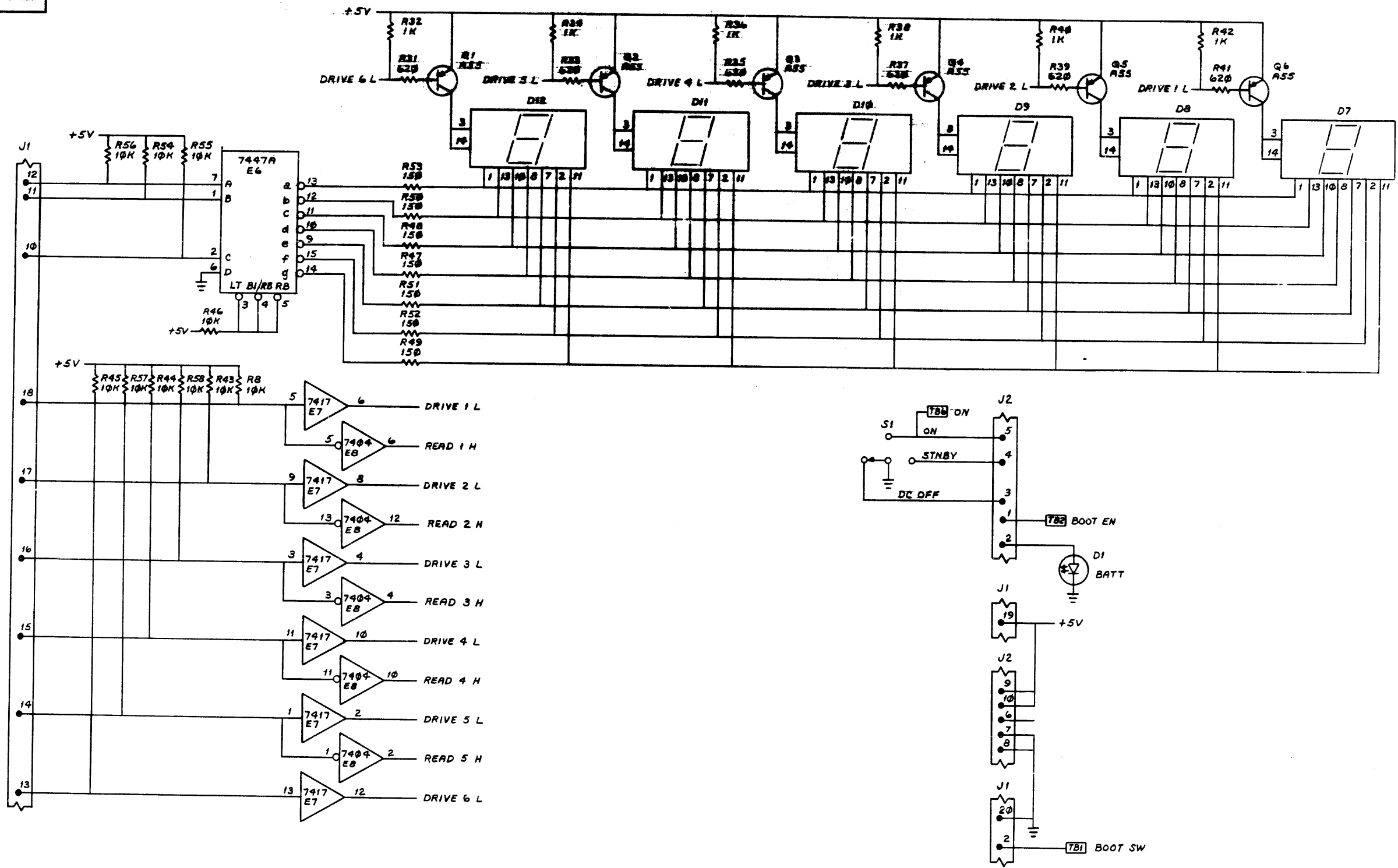
SHEET 2 OF

SIZE	CODE	NUMBER
D	CS	5411800-0-

RE	
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DCS 5411800-0-1 2



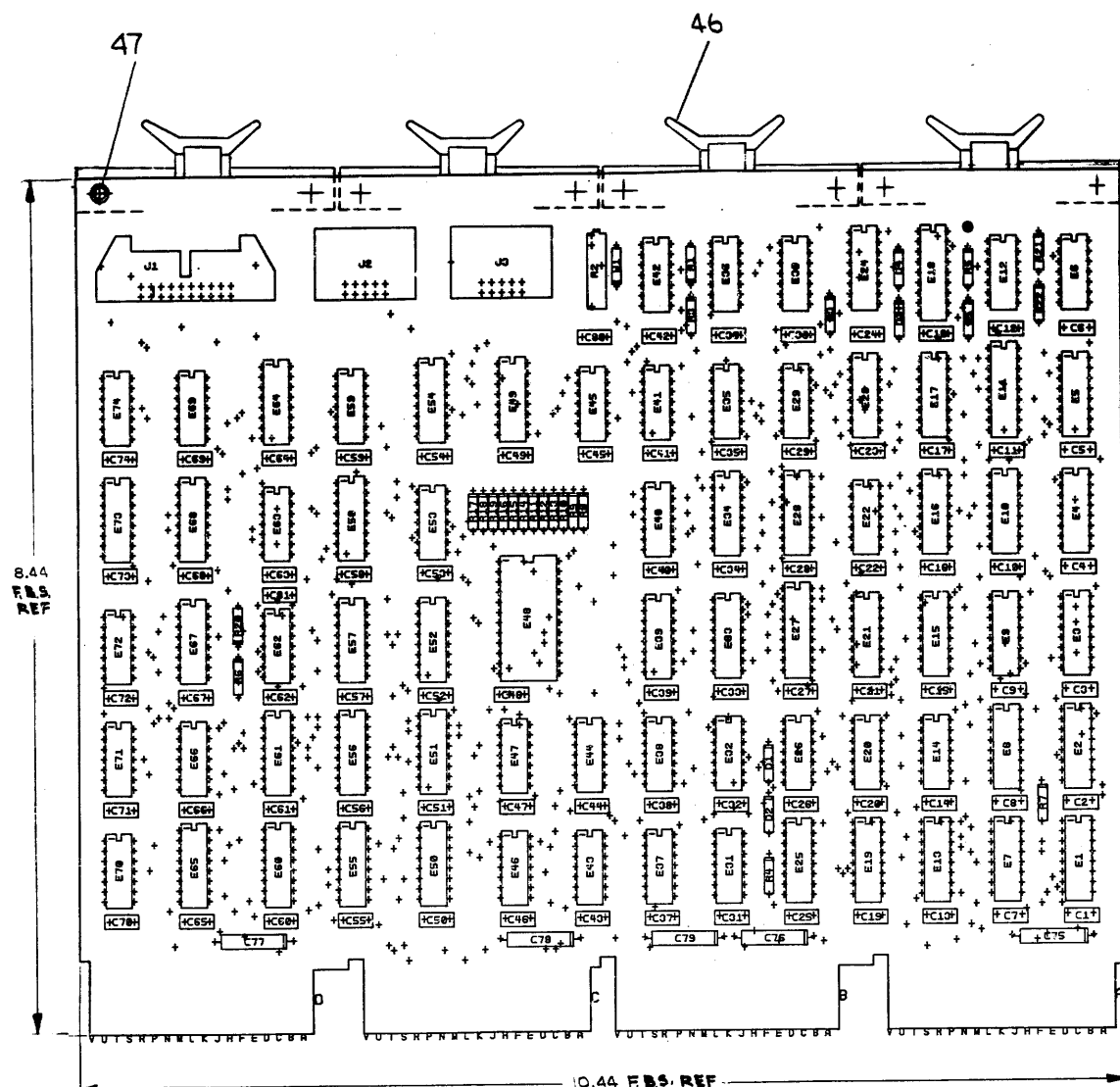
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE KY11-LB
(CONSOLE BOARD)
SCALE 1/4" = 1"

SIZE CODE DCS
NUMBER 5411800-0-1
SHEET 3 OF 3
DIST. 1

REV. 1
DCS 5411800-0-1

NOTES:



REF		X-Y COORDINATE HOLE LOCATION	K-CO-M7859-B-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M7859-B-5	2
REF		MODULE ECO HISTORY	B-MH-M7859-B-6	3
1		ETCHED CIRCUIT BOARD	5011756	4
1	C00	CAPACITOR, 270pf, 100V, 5%	1000022	5
1	C01	CAPACITOR, 470pf, 100V, 5%	1000024	6
74	C1 THRU C74	CAPACITOR, .01uf, 100V, 20% DISC	1001610-01	7
5	C75 THRU C79	CAPACITOR, 8.8uf, 35V, 10%	1005306	8
1	D2	DIODE, IN748 A	1100122	9
4	D3 THRU D6	DIODE, D672	1105275	10
1	D1	DIODE, IN751 A	1110994	11
2	J2,J3	CONNECTOR, 10 PIN, 3M	1209941-05	12
1	J1	CONNECTOR, 20 PIN, 3M	1209941-06	13
1	K10	SOCKET I.C.	1211666	14
1	R26	RESISTOR, 100 OHM, 1/4W, 5%	1300229	15
1	R4	RESISTOR, 120 OHM, 1/4W, 5%	1300247	16
1	R21	RESISTOR, 220 OHM, 1/4W, 5%	1300271	17
3	R5, R6, R7	RESISTOR, 1K, 1/4W, 5%	1300365	18
12	R8 THRU R19	RESISTOR, 10K, 1/4W, 5%	1300479	19
1	R22	RESISTOR, 750 OHM, 1/4W, 5%	1301401	20
1	R3	RESISTOR, 6.8K, 1/4W, 5%	1301423	21
1	R1	RESISTOR, 5.6K, 1/4W, 5%	1301874	22
1	R2	RESISTOR, 10K, 3/4W, 10% POT 78 PR	1309143-10	23
3	E6, E12, E63	I.C. DEC 7474	1905547	24
2	E29, E30	I.C. DEC 7402	1909004	25
1	E36	I.C. DEC 7493	1909054	26
2	E40, E47	I.C. DEC 7404	1909086	27
1	E48	I.C. DEC 74154	1909701	28
1	E32	I.C. DEC 314	1909704	29
2	E43, E82	I.C. DEC 9881	1909705	30
3	E66, E69, E72	I.C. DEC 7417	1909929	31
1	E23	I.C. DEC 7442	1910046	32
2	E26, E53	I.C. DEC 7400	1910155	33
18	E2, E4, E5, E9, E10, E15, E19, E20, E51, E52, E56, E57, E64, E67, E68, E73	I.C. DEC 74175	1910851	34
14	E14, E20, E31, E35, E37, E38, E41, E44, E45, E46, E59, E70, E71, E74	I.C. DEC 8093	1910837	35
1	E22	I.C. DEC 7427	1910878	36
1	E42	I.C. DEC MC4024 P	1911038	37
4	E1, E24, E49, E54	I.C. DEC 8837	1911118	38
9	E7, E8, E13, E25, E50, E55, E56, E81, E85	I.C. DEC 8841	1911579	39
1	E60	I.C. DEC 745133	1911983	40
2	E16, E17	I.C. DEC 8833	1912099	41
2	E11, E27	I.C. DEC 89588	1912586	42
1	E18	I.C. DEC 8008-1	2111844	43
1		SPLIT LUG	9006735	44
1	E34	I.C. DEC PROM 32 x 8 TRI STATE	23123A1	45
4		HANDLE (FLIP CHIP)	9008337-8	46
8		EYELET	9008732	47
1	E33	I.C. DEC PROM 512 x 4 TRI STATE	23345A9	48
1	E39	I.C. DEC PROM 512 x 4 TRI STATE	23346A9	49
1	E3	I.C. DEC PROM 512 x 4 TRI STATE	23347A9	50
1	E21	I.C. DEC PROM 512 x 4 TRI STATE	23348A9	51

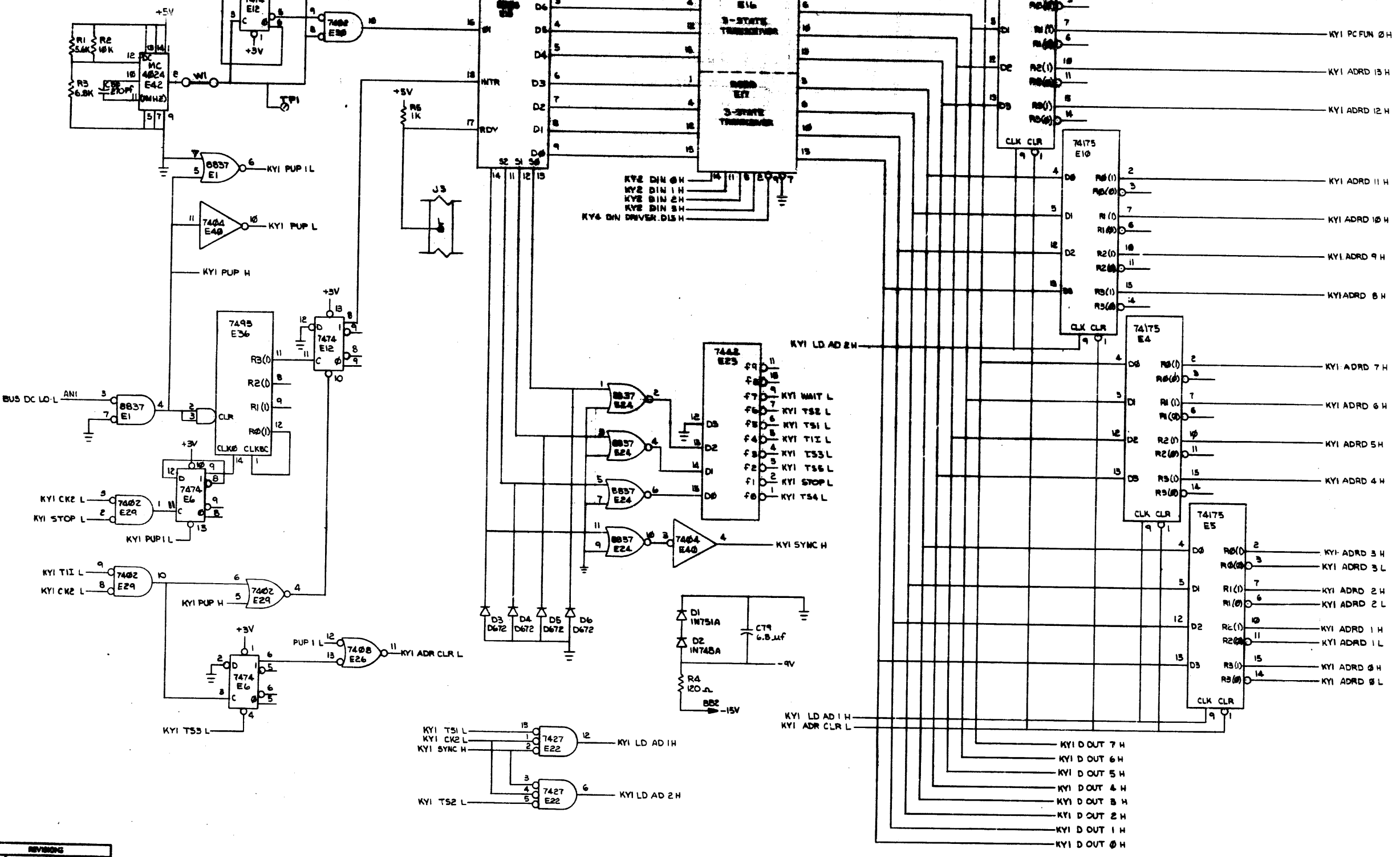
IC 745133	8	16
IC 8641	8	16
IC 8837	8	16
IC MC4024P	9	13
IC 74175	8	16
IC 7442	8	16
IC 314	1	8
IC 74154	12	24
IC 7493	10	5
IC TYPE	GND	+5V

GND AND 5V ARE USUALLY PIN 7 AND 14
RESPECTIVELY EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATIONS

FIRST USED ON OPTION MODEL		ETCH BOARD REV.		C	PARTS LIST									
					DATE		2/2/75		digital					
					DATE		12-4-75							
					DATE		12-4-75							
					DATE		12-4-75							
					DATE		12-4-75							
					DATE		12-4-75		TITLE INTERFACE PROGRAMMER'S CONSOLE					
					DATE		12-4-75							
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					DATE		12-4-75		SEMICONDUCTOR CONVERSION CHART					
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					DATE		12-4-75		SHEET 1 OF 9					
					DATE		12-4-75							
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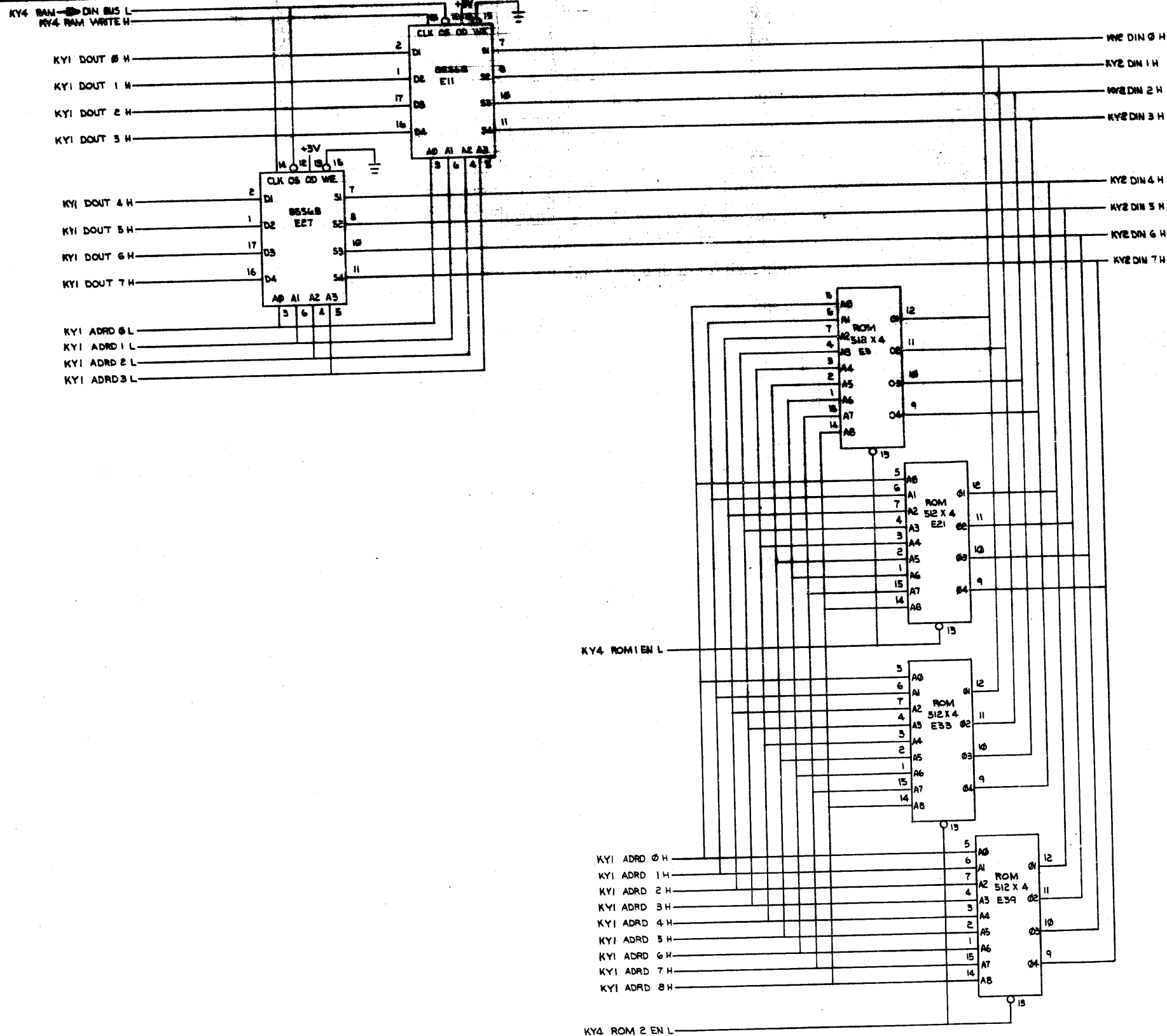
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DATE 10-10-2010 BY 60322
EXEMPT FROM E.O. 13526



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE INTERFACE, (KY-1)
PROGRAMMER'S CONSOLE
SCALE 1:1
SHEET 2 OF 4
D C S M7859-0-1
REV. C

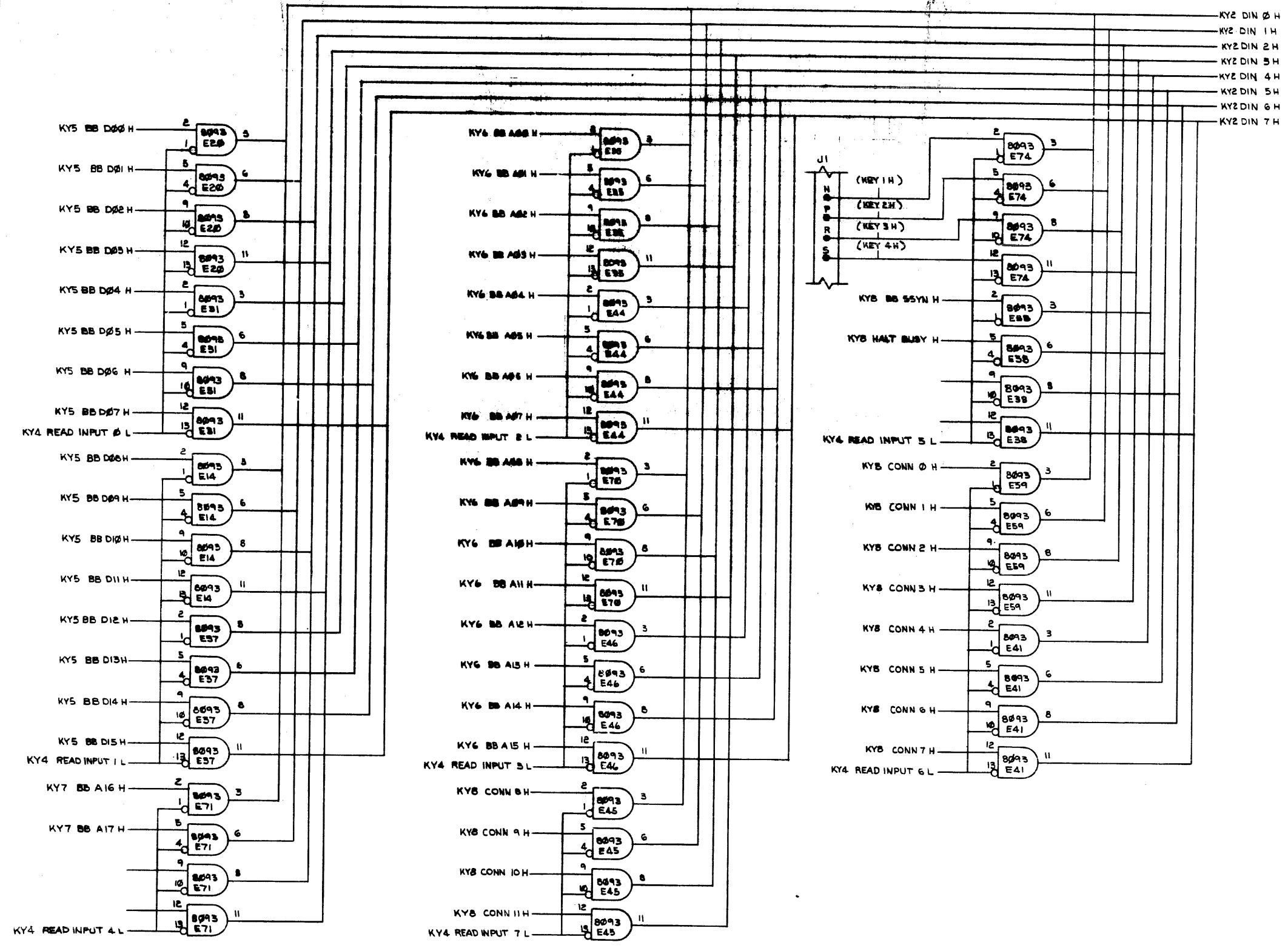
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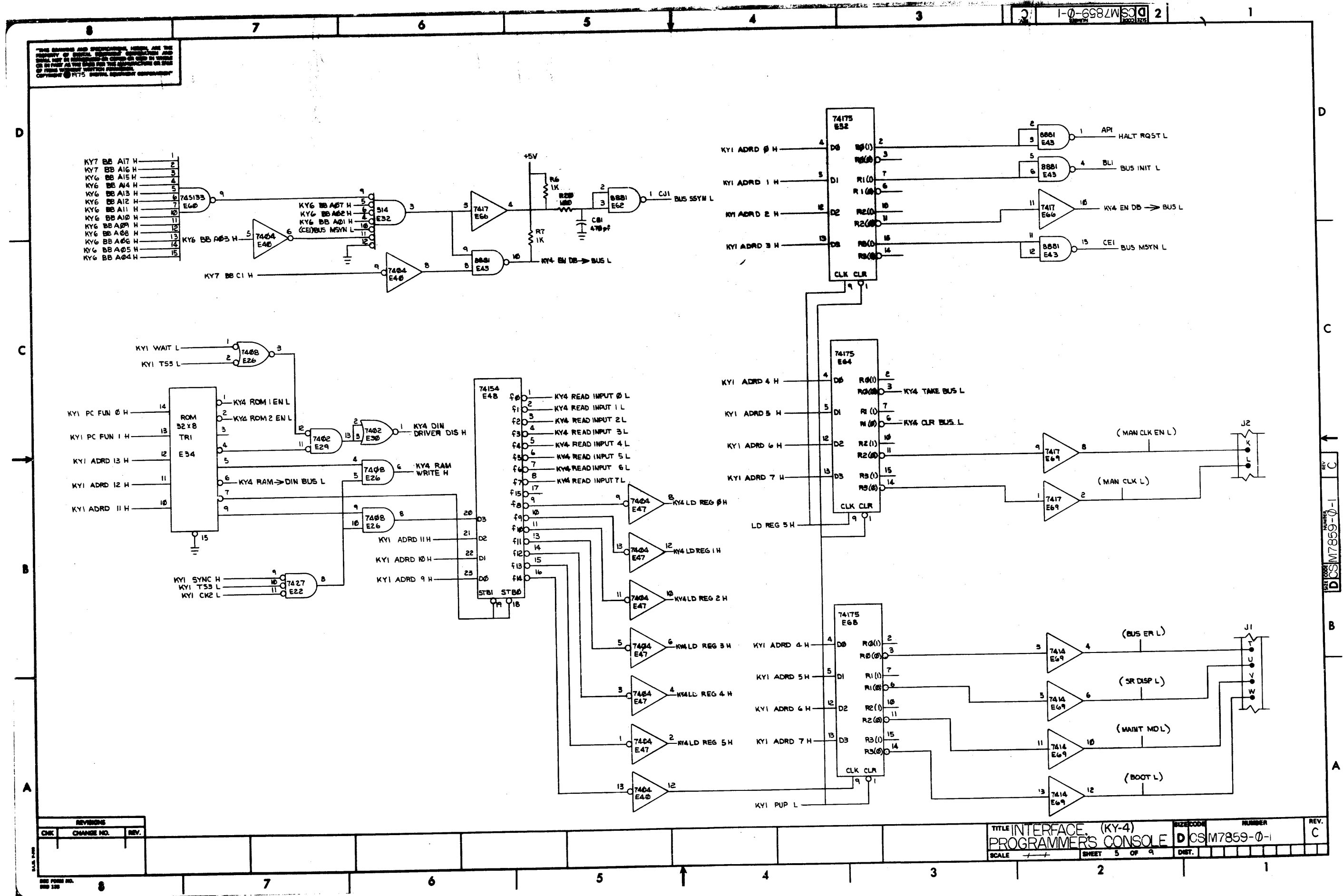
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CHK	CHANGE NO.	REV.

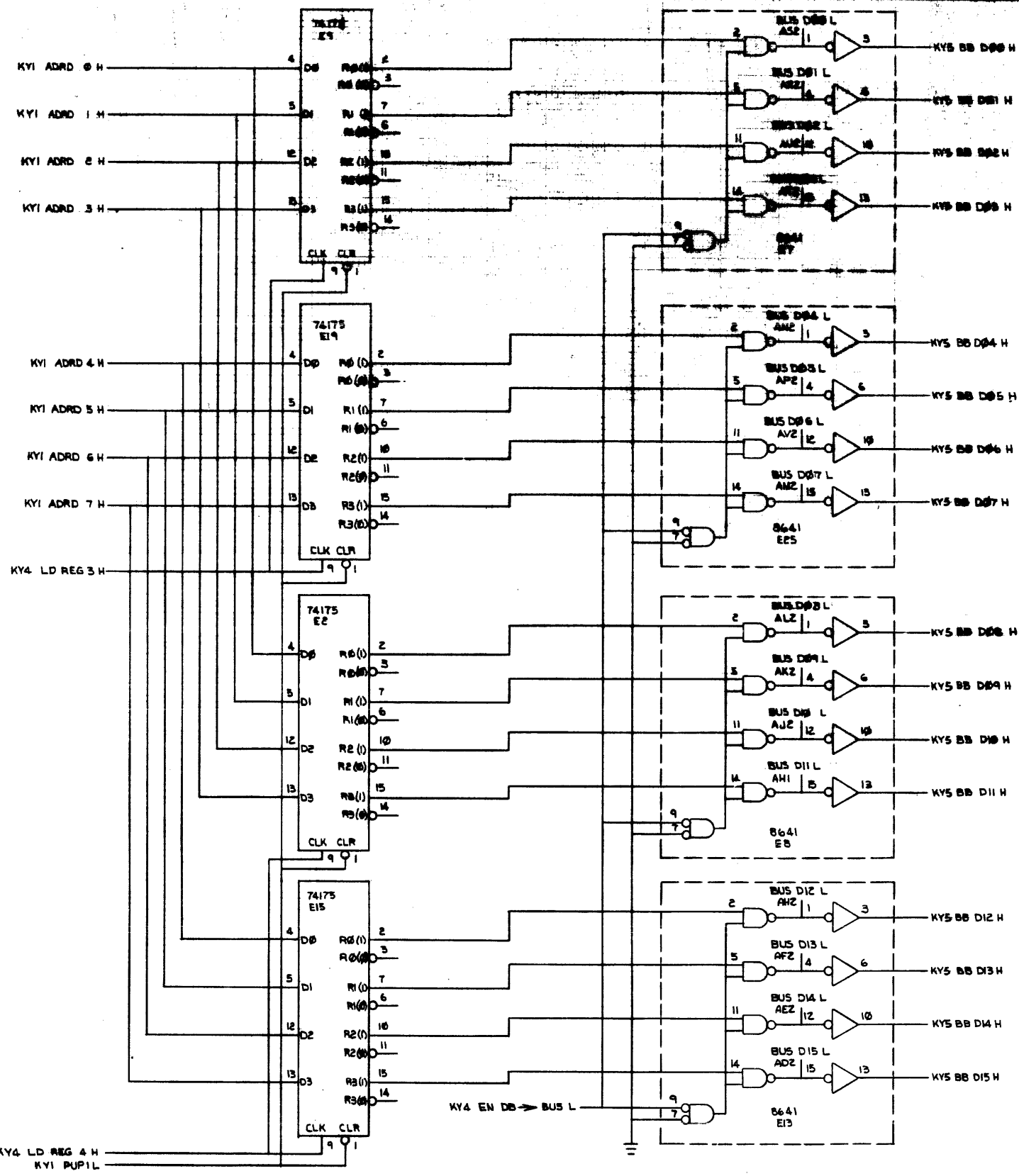
DOC FORM NO. 100 120

TITLE INTERFACE (KY-2) PROGRAMMER'S CONSOLE		SIZE CODE	NUMBER	REV.
SCALE 1" = 1"			D CS M7859-0-1	C
SHEET 3 OF 4				



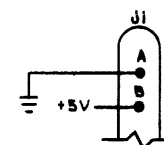
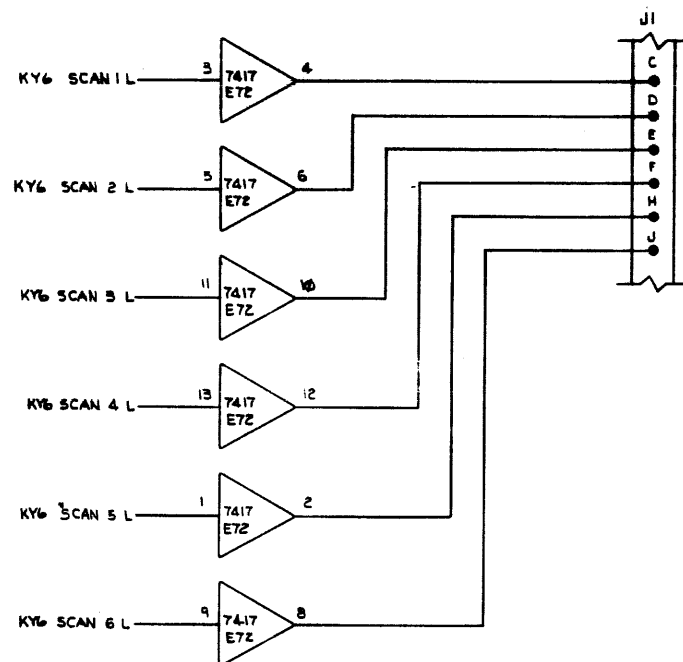
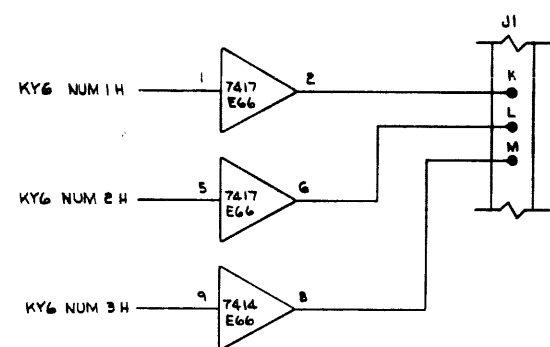
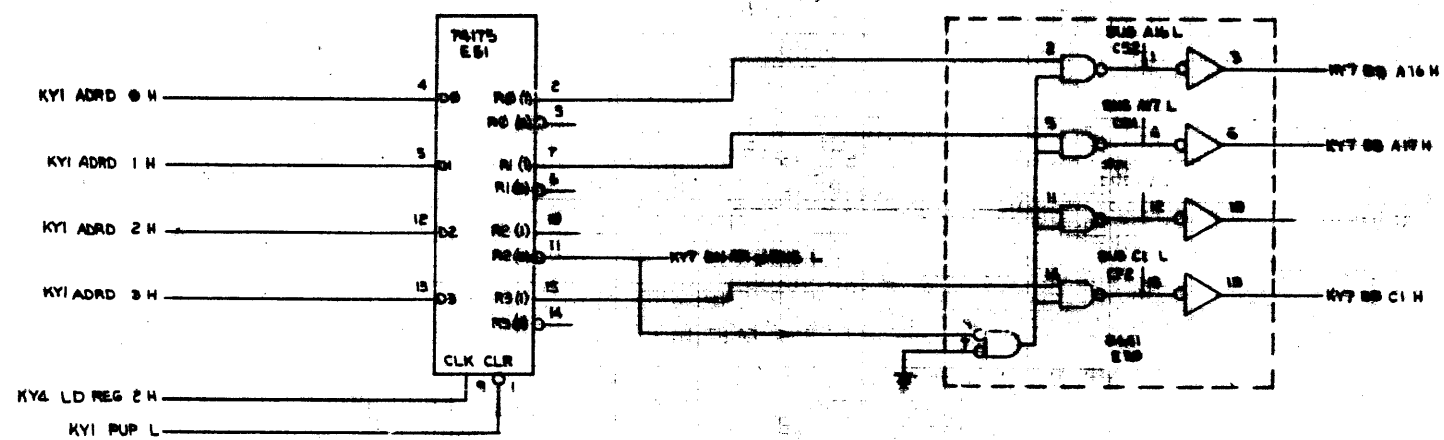
REVISIONS		
CHK	CHANGE NO.	REV.





74175
E7

REVISIONS		
CHK	CHANGE NO.	REV.



REVISIONS		
CHK	CHANGE NO.	REV.

