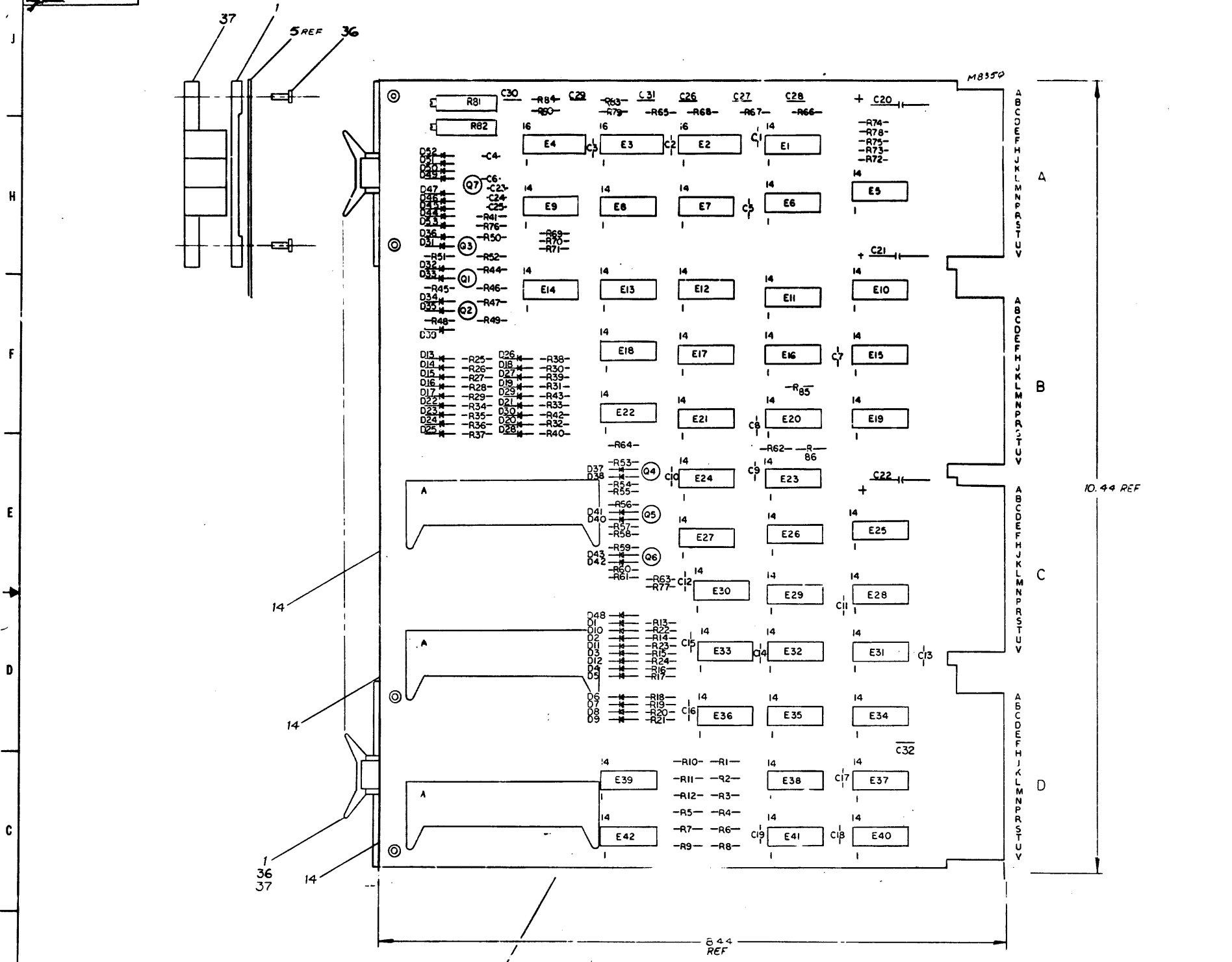


**KA8-E positive
I/O bus interface
engineering drawings**

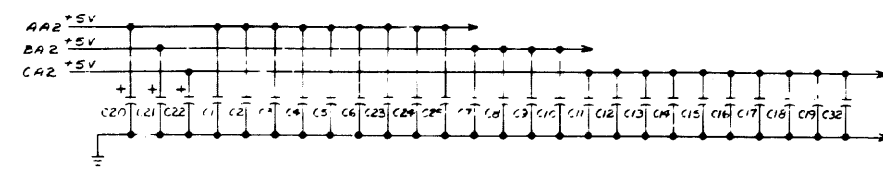
1. UNLESS OTHERWISE NOTED, CAPACITOR 0.1UF 100V 20% RESISTOR 220 1/4W 5%

NOTES:
1. UNLESS OTHERWISE NOTED, CAPACITOR 0.1UF 100V 20% RESISTOR 220 1/4W 5%



QTY	REF DESIGNATION	DESCRIPTION	PART NO.
1	R74	RES. 10K 1/4W 5%	130017
1	E26	IC DEC 7414	1911324
2	R84, R83	RES 470K 1/4W 5%	1302344
1	C24	CAP 33 PF, 100V 5% D.M.	1000009
1/2		GRIPLET	1210249-C
4		HANDLE FLIP CHIP - MAGENTA	9006337-02
8		EYELET GS 4-11 STIMPDA	9006750
3	E2, E3, E4	IC DEC 74123	1912436
2	E23, E42	IC DEC 2501	1910010
5	E10, E16, E20, E30	IC DEC 6380	1913771
4	E13, E18, E22, E27	IC DEC 7417	1909929
5	E1, E7, E8, E33, E36	IC DEC 7416	1915928
6	E12, E25, E31, E34, E40	IC DEC 8881	1909705
2	E38, E41	IC DEC 7404	1909656
4	E15, E32, E35, E37	IC DEC 384	1909486
1	E29	IC DEC 7402	1907004
1	E39	IC DEC 7430	1905578
1	E24	IC DEC 7420	1905577
2	E5, E8	IC DEC 7410	1905576
1	E11	IC DEC 7400	1905575
4	E6, E7, E9, E19	IC DEC 7474	1907547
7	Q1 THRU Q7	TRANSISTOR DEC 3009B	1503100
2	R91, R92	RES 60K 3/4W 10% 76 PR	1309143-13
2	R79, R80	RES 4.7K 1/4W 5%	1300447
4	R65 THRU R68	RES 6.8K 1/4W 5%	1301423
6	R50, R44, R47, R53, R54, R59	RES 27 1/4W 10%	1301420
1	R60	RES 5.6K 1/4W 5%	1301574
68	R1 THRU R43, R45, R46, R48, R49, R51, R52, R54, R55, R57, R58, R60, R61 THRU R64, R69 THRU R118	RES 220 1/4W 5%	1300271
3		HEADER RIGHT ANGLE	1207791
43	D1 THRU D43	DIODE D664	1100114
10	D44 THRU D53	DIODE D662	1100113
23	C1 THRU C19, C23, C24, C25, C32	CAP. 0.1UF, 100V, 20% DISC	1001610
3	C20, C21, C22	CAP. 6.8UF, 35V, 10% STMT	1005106
1	C30	CAP 150PF, 100V 5% D.M.	1000019
1	C28	CAP 68PF, 100V, 5% D.M.	1000014
1	C27	CAP 10PF, 100V, 5%	1000016
2	C31, C26	CAP 10PF, 100V, 5% D.M.	1000006
1		ETCHED CIRCUIT BOARD	5003504
REF		MODULE ECO HISTORY	B-MH-M8350-04
REF		ASSY/DRILLING HOLE LAYOUT	D-MH-M8350-2-5
REF		X-Y COORDINATE HOLE LAYOUT	K-CO-M8350-0-4
4		SPALLER (CABLE CLAMP)	1202754

IC TYPE	QTY	REF	PT	TO PT
DEC 2501	NONE	NONE		
DEC 74123	8	16		
DEC 6380	1	8		
DEC 384	1	8		



ETCH BOARD REV D

DEC 3009B IN 3009B

D664 IN 3606

D662 IN 495

ECS M8350-0-1

POSITIVE I/O BUS INTERFACE

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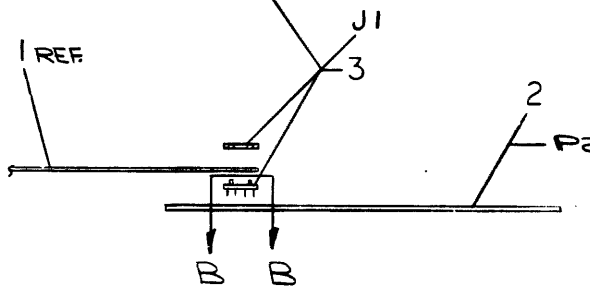
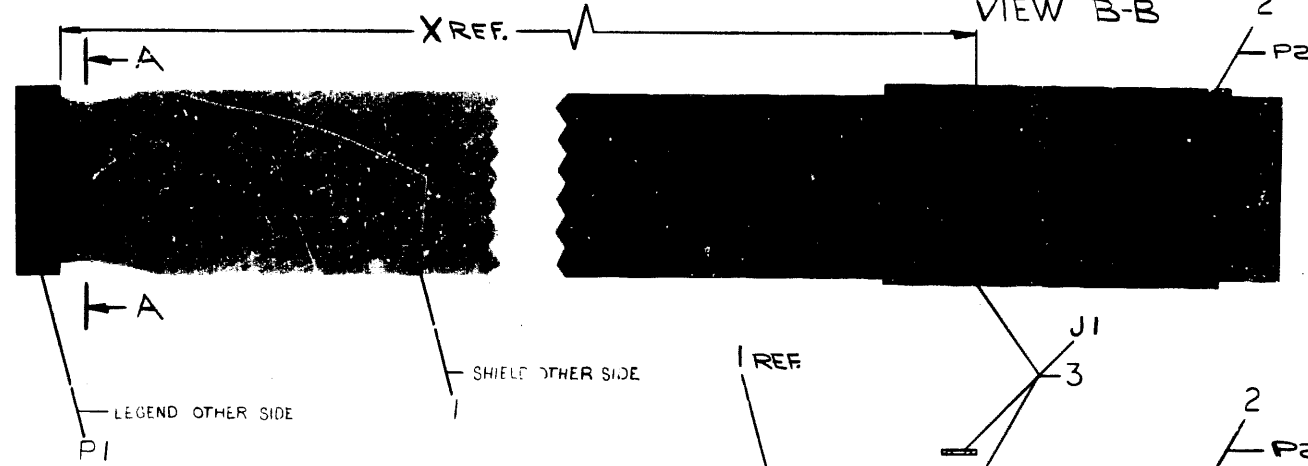
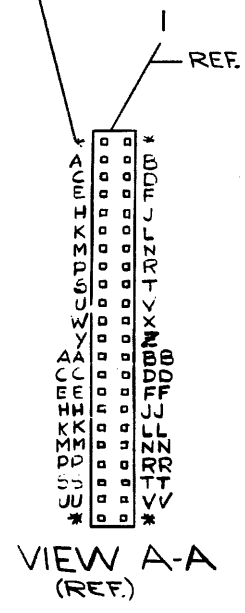
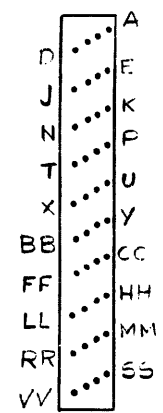
WIRE TABLE					
ITEM NO	DESCRIPTION	FROM CONNECTION	TO CONNECTION	REMARKS	
1	30	GREY	P1 - D	P2 - B1	
			P1 - J	P2 - D1	
			P1 - F	P2 - D2	
			P1 - N	P2 - E1	
			P1 - L	P2 - E2	
			P1 - T	P2 - H1	
			P1 - R	P2 - H2	
			P1 - X	P2 - J1	
			P1 - V	P2 - K2	
			P1 - BB	P2 - L1	
			P1 - FF	P2 - M1	
			P1 - LL	P2 - M2	
			P1 - RR	P2 - P1	
			P1 - DD	P2 - P2	
			P1 - JJ	P2 - S1	
			P1 - NN	P2 - S2	
			P1 - TT	P2 - T2	
			P1 - VV	P2 - V2	

LEGEND		
NUMBER	ITEM NO.	DIM. X
BC08J-0-06	7007036-20	6 FT ± 2 IN
BC08J-0-10	7007036-12	10 FT ± 2 IN
BC08J-0-15	7007036-15	15 FT ± 3 IN
BC08J-0-25	7007036-25	25 FT ± 3 IN
BC08J-0-50	7007036-50	50 FT ± 1 FT

- NOTES:
- CONNECTORS P1 AND J1 ARE TO BE WIRED POINT TO POINT P1-A TO J1-A THRU P1-VV TO J1-VV.
 - *ASTERISKS INDICATE CAVITIES N.T. USED OR DESIGNATED BY LETTERS
 - ALL P1 & P2 CONNECTIONS NOT LISTED ON THE WIRE TABLE ARE GROUNDED.

SEE NOTE #2

SEE NOTE #3



REV	DATE	BY	CHK
1	1/6/71	GARDNER	
2	5/17/71	GARDNER	

FIRST USED ON OPTION/MODEL BC08J	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES
TOLERANCES DECIMALS FRACTIONS ANGLES XXX ± .005 XX ± .01 X ± .02	TOLERANCES DECIMALS FRACTIONS ANGLES ± 0.30 FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL + + +	FINISH + + +

QTY.	DESCRIPTION	PART NO.	REV.
1	ETCH BOARD CONNECTOR	1210073-0	3
1	M953 I/O CABLE BD	M953-0-5	2
1	I/O CABLE	SEE LEGEND	1

DATE 12/1/70	DATE 2-3-70	DATE 9-3-70	DATE 9-3-70
BY MacDonald	BY MacDonald	BY MacDonald	BY MacDonald

EQUIPMENT CORPORATION MAYFIELD, MASSACHUSETTS	
TITLE I/O CABLE (BC08J)	REV. B
SCALE NONE	SHEET 1 OF 1