

digital

DD11-C

Engineering Drawings

Digital Equipment Corporation

46

The material herein is for information purposes only and is subject to change without notice. Digital Equipment Corporation assumes no responsibility for any errors which may appear herein.

These drawings and specifications herein are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.
Copyright © 1975, Digital Equipment Corporation



"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1975, DIGITAL EQUIPMENT CORPORATION"

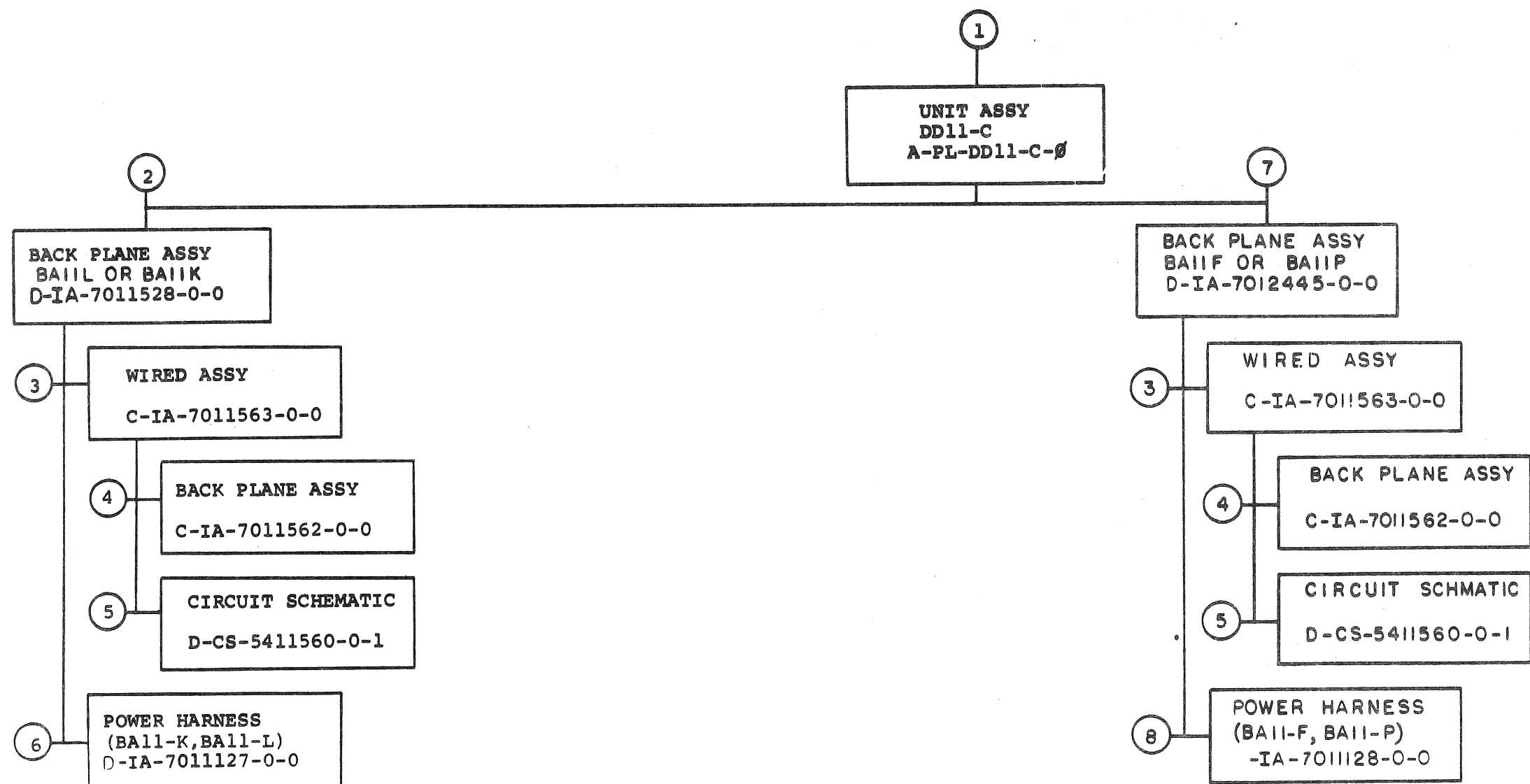
THIS IS PRINT SET ☐ ☐ ☐ ☐

2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 26

B-DD-DD11-C
D-IA-7011528-0-0
D-IA-7011127-0-0
D-IA-7012445-0-0
E-IA-7011128-0-0
D-MU-DD11-C-2
D-CS-5411560-0-1
K-WL-DD11-C-1

[illegible]

REVISIONS			USED ON OPTION/MODEL		DRM.	DATE	TITLE			
DATE	CHG. NO.	REV			D. HEALY	6/25/75	DRAWING DIRECTORY DD11-C			
5-76	DD11C-2	A			CHK'D.	DATE				
5-77	DD11C-3	B			D. HEALY	6/25/75				
					PROJ ENG.	DATE				
					R. BARRY	7/30/75				
					PROD.	DATE	SIZE	CODE	NUMBER	REV
					R.K.	8/18/75	B	DD	DD11-C	B
					FIELD SERV.	DATE	DIST			
			SHEET	OF 3						



TITLE	SIZE	CODE	NUMBER	REV
DRAWING DIRECTORY DD11-C	B	DD	DD11-C	B
SHEET 2 OF 3				

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975 DIGITAL EQUIPMENT CORPORATION"

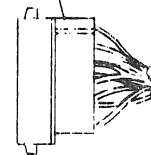
WIRE TABLE					
ITEM NO	DESCRIPTION	FROM	TO	WITH	
1	18 BLK	P2-1	GND	SOLDER	
	18 BRN	P2-2	LTC		
	18 VIO	P2-3	DC LO		
	18 YEL	P2-4	AC LO		
	18 RED	P1-1	+5V		
	18 GRN	P1-2	+15		
	18 ORN	P1-3	+20V		
	18 RED	P1-4	+5V		
	18 WHT	P1-6 SEE NOTE 4	+15B SEE NOTE 4		
	18 BLK	P1-7	GND		
	18 BLK	P1-8	GND		
	18 RED	P1-12	+5B	SOLDER	

WIRE TABLE					
ITEM NO	DESCRIPTION	FROM	TO	WITH	
1	18 BLU	P1-13	-15V	SOLDER	
1	18 BRN	P1-14	-5V		
1	18 GRN	P1-15	-15B		
		SEE NOTE 4	SEE NOTE 4		
1	18 GRN	P1-6	+15B		
		SEE NOTE 5	SEE NOTE 5		
1	18 WHT	P1-15	-15B	SOLDER	
		SEE NOTE 5	SEE NOTE 5		

NOTES:

1. WHEN THE DDII-CK'S USED WITH A BAIL-K EXPANSION BOX WITHOUT BATTERY BACK-UP (i.e., NO 785 NOR 7850), INSTALL THE THREE JUMPERS SHOWN:
1) -15 TO -15B
2) +15 TO +15B
3) +5 TO +5B (SEE NOTE 3)
USE #22 SHIELDED BUS WIRE ON SIDE 2. THIS WILL PROVIDE POWER TO THE MOS MEMORY VOLTAGE RAILS.
2. INSTALL SHAKEPROOF SOLDER LUG (ITEM #6) UNDER THE SYSTEM UNIT MOUNTING SCREW TO PROVIDE A LOGIC GROUND TO CHASSIS GROUND CONNECTION.
3. BAIL-K'S THAT USE THE 5410864-YA-1 POWER DISTRIBUTION (i.e., 11/34A, 11/34 WITH FPII-AU, AND SOME 11/04'S) AND HAVE MORE THAN ONE DDII-CK (OR AN ADDITIONAL DDII-DK) CAN ONLY HAVE THE +5 TO +5B JUMPER IN ONE OF THE BACK PANELS. IF TWO OF THE BACK PANELS HAVE THE JUMPER IN, THE +5V REGULATORS MAY BE CONNECTED TOGETHER. TYPICALLY THIS JUMPER IS IN THE FIRST BACK PANEL, BUT IT MAY BE PLACED IN ONE OF THE OTHER BACK PANELS IF DEEMED NECESSARY FOR POWER REQUIREMENTS.
4. WHEN USING REV A HARNESS USE THESE POINT-TO-POINT CONNECTIONS.
5. WHEN USING REV D HARNESS USE THESE POINT-TO-POINT CONNECTIONS.

P1 REF



P2 REF

SEE NOTE #1

PIN A Ø1A1

SEE NOTE #2

PIN 1

150 REF

REV	DATE	BY	CHK	DESCRIPTION
1	1/28/76	R. BARRY		DDII-CK-00001
2	2/11/76	R. BARRY		DDII-CK-00002
3	3/11/76	R. BARRY		DDII-CK-00003
4	4/11/76	R. BARRY		DDII-CK-00004
5	5/11/76	R. BARRY		DDII-CK-00005
6	6/11/76	R. BARRY		DDII-CK-00006
7	7/11/76	R. BARRY		DDII-CK-00007
8	8/11/76	R. BARRY		DDII-CK-00008
9	9/11/76	R. BARRY		DDII-CK-00009
10	10/11/76	R. BARRY		DDII-CK-00010

THIRD ANGLE PROJECTION	DRN. 2/28/76	FIRST USED ON	BAIL-K
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D. D. J. 2/28/76	TITLE	BACK PLANE ASS'Y
DO NOT SCALE DWG	ENG. R. BARRY 2-10-75		DDII-CK
MATERIAL SEE PARTS LIST	PROD. R. BARRY 2/28/76	SIZE CODE	D 1A 7011528-0-0
FINISH		NUMBER	
		REV.	C
		SHEET	1 OF 1
		DIST.	

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975, DIGITAL EQUIPMENT CORPORATION"

WIRE TABLE									
DESCRIPTION			FROM			TO			SIGNAL
ITEM NO	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM	
7	18	WHT	1	PI-15	ITEM 3	28		STRIP & TIN	-15B
8	18	BRN	2	PI-14	4	19			-5V
9	18	BLU	3	PI-13		24			-15V
6	14	RED	4	PI-12		26			+5B
5	14	BLK	5	PI-8		29			GND
5	14	BLK	6	PI-7		27			GND
10	18	GRN	7	PI-6		25			+15B
6	14	RED	8	PI-4		17			+5V
11	18	ORN	9	PI-3		18			+20V
12	18	GRY	10	PI-2		23			+15V
6	14	RED	11	PI-1		16			+5V
13	18	BLK	12	P2-1		20			GND
8	18	BRN	13	P2-2		22			LTC
14	18	VIO	14	P2-3		21		STRIP & TIN	DC LO
15	18	YEL	15	P2-4	ITEM 3	30			AC LO

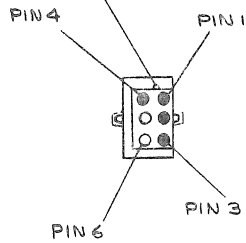
NOTES:
1. USE TIE, CABLE (X) WHERE INDICATED.

DO NOT REDUCE

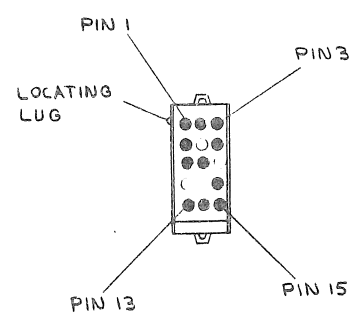
0 IN 6 IN 12 IN

SCALE
FOR MFG PURPOSES ONLY

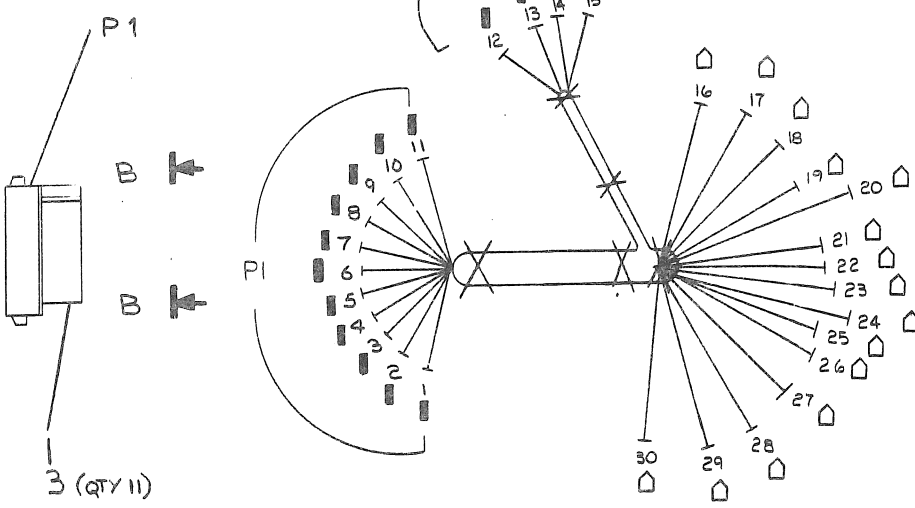
LOCATING LUG



VIEW A-A
WIRING SIDE
SCALE: NONE



VIEW B-B
WIRING SIDE
SCALE: NONE



A/R	WIRE #18 STRD YEL	9107360-44	15
A/R	WIRE #18 STRD VIO	9107360-77	14
A/R	WIRE #18 STRD BLK	9107360-00	13
A/R	WIRE #18 STRD GRY	9107360-88	12
A/R	WIRE #18 STRD ORN	9107360-33	11
A/R	WIRE #18 STRD GRN	9107360-55	10
A/R	WIRE #18 STRD BLU	9107360-66	9
A/R	WIRE #18 STRD BRN	9107360-11	8
A/R	WIRE #18 STRD WHT	9107360-99	7
A/R	WIRE #14 STRD RED	9107370-22	6
A/R	WIRE #14 STRD BLK	9107370-00	5
X 5	TIE WRAP PANDUIT	9007880	4
15	PIN MALE	1209378-01	3
1	CONN 6 PIN MAT LOCK	1209351-06	2
1	CONN 15 PIN MAT LOCK	1209351-15	1

THIRD ANGLE PROJECTION	DRN. <i>[Signature]</i> 6/15/75	FIRST USED ON DDII-CK
REMOVE BURRS AND BREAK SHARP CORNERS	ENG. <i>[Signature]</i> 7/1/75	TITLE HARNESS DDII-CK
DO NOT SCALE DWG	PROJ. ENG. <i>[Signature]</i> 7-30-75	SIZE CODE D-IA
MATERIAL SEE PARTS LIST	PROD. <i>[Signature]</i> 8/16/75	NUMBER 701127-0-0
FINISH	SHEET 1 OF 1	REV. B

REVISIONS	CHANGE NO.	REV.
1	701127-00001	A
2	701127-00002	B
3	701127-00003	C
4	701127-00004	D
5	701127-00005	E
6	701127-00006	F
7	701127-00007	G
8	701127-00008	H
9	701127-00009	I
10	701127-00010	J
11	701127-00011	K
12	701127-00012	L
13	701127-00013	M
14	701127-00014	N
15	701127-00015	O
16	701127-00016	P
17	701127-00017	Q
18	701127-00018	R
19	701127-00019	S
20	701127-00020	T
21	701127-00021	U
22	701127-00022	V
23	701127-00023	W
24	701127-00024	X
25	701127-00025	Y
26	701127-00026	Z
27	701127-00027	AA
28	701127-00028	AB
29	701127-00029	AC
30	701127-00030	AD
31	701127-00031	AE
32	701127-00032	AF
33	701127-00033	AG
34	701127-00034	AH
35	701127-00035	AI
36	701127-00036	AJ
37	701127-00037	AK
38	701127-00038	AL
39	701127-00039	AM
40	701127-00040	AN
41	701127-00041	AO
42	701127-00042	AP
43	701127-00043	AQ
44	701127-00044	AR
45	701127-00045	AS
46	701127-00046	AT
47	701127-00047	AU
48	701127-00048	AV
49	701127-00049	AW
50	701127-00050	AX
51	701127-00051	AY
52	701127-00052	AZ
53	701127-00053	BA
54	701127-00054	BB
55	701127-00055	BC
56	701127-00056	BD
57	701127-00057	BE
58	701127-00058	BF
59	701127-00059	BG
60	701127-00060	BH
61	701127-00061	BI
62	701127-00062	BJ
63	701127-00063	BK
64	701127-00064	BL
65	701127-00065	BM
66	701127-00066	BN
67	701127-00067	BO
68	701127-00068	BP
69	701127-00069	BQ
70	701127-00070	BR
71	701127-00071	BS
72	701127-00072	BT
73	701127-00073	BU
74	701127-00074	BV
75	701127-00075	BW
76	701127-00076	BX
77	701127-00077	BY
78	701127-00078	BZ
79	701127-00079	CA
80	701127-00080	CB
81	701127-00081	CC
82	701127-00082	CD
83	701127-00083	CE
84	701127-00084	CF
85	701127-00085	CG
86	701127-00086	CH
87	701127-00087	CI
88	701127-00088	CJ
89	701127-00089	CK
90	701127-00090	CL
91	701127-00091	CM
92	701127-00092	CN
93	701127-00093	CO
94	701127-00094	CP
95	701127-00095	CQ
96	701127-00096	CR
97	701127-00097	CS
98	701127-00098	CT
99	701127-00099	CU
100	701127-00100	CV
101	701127-00101	CW
102	701127-00102	CX
103	701127-00103	CY
104	701127-00104	CZ
105	701127-00105	DA
106	701127-00106	DB
107	701127-00107	DC
108	701127-00108	DD
109	701127-00109	DE
110	701127-00110	DF
111	701127-00111	DG
112	701127-00112	DH
113	701127-00113	DI
114	701127-00114	DJ
115	701127-00115	DK
116	701127-00116	DL
117	701127-00117	DM
118	701127-00118	DN
119	701127-00119	DO
120	701127-00120	DP
121	701127-00121	DQ
122	701127-00122	DR
123	701127-00123	DS
124	701127-00124	DT
125	701127-00125	DU
126	701127-00126	DV
127	701127-00127	DW
128	701127-00128	DX
129	701127-00129	DY
130	701127-00130	DZ
131	701127-00131	EA
132	701127-00132	EB
133	701127-00133	EC
134	701127-00134	ED
135	701127-00135	EE
136	701127-00136	EF
137	701127-00137	EG
138	701127-00138	EH
139	701127-00139	EI
140	701127-00140	EJ
141	701127-00141	EK
142	701127-00142	EL
143	701127-00143	EM
144	701127-00144	EN
145	701127-00145	EO
146	701127-00146	EP
147	701127-00147	EQ
148	701127-00148	ER
149	701127-00149	ES
150	701127-00150	ET
151	701127-00151	EU
152	701127-00152	EV
153	701127-00153	EW
154	701127-00154	EX
155	701127-00155	EY
156	701127-00156	EZ
157	701127-00157	FA
158	701127-00158	FB
159	701127-00159	FC
160	701127-00160	FD
161	701127-00161	FE
162	701127-00162	FF
163	701127-00163	FG
164	701127-00164	FH
165	701127-00165	FI
166	701127-00166	FJ
167	701127-00167	FK
168	701127-00168	FL
169	701127-00169	FM
170	701127-00170	FN
171	701127-00171	FO
172	701127-00172	FP
173	701127-00173	FQ
174	701127-00174	FR
175	701127-00175	FS
176	701127-00176	FT
177	701127-00177	FU
178	701127-00178	FV
179	701127-00179	FW
180	701127-00180	FX
181	701127-00181	FY
182	701127-00182	FZ
183	701127-00183	GA
184	701127-00184	GB
185	701127-00185	GC
186	701127-00186	GD
187	701127-00187	GE
188	701127-00188	GF
189	701127-00189	GG
190	701127-00190	GH
191	701127-00191	GI
192	701127-00192	GJ
193	701127-00193	GK
194	701127-00194	GL
195	701127-00195	GM
196	701127-00196	GN
197	701127-00197	GO
198	701127-00198	GP
199	701127-00199	GQ
200	701127-00200	GR
201	701127-00201	GS
202	701127-00202	GT
203	701127-00203	GU
204	701127-00204	GV
205	701127-00205	GW
206	701127-00206	GX
207	701127-00207	GY
208	701127-00208	GZ
209	701127-00209	HA
210	701127-00210	HB
211	701127-00211	HC
212	701127-00212	HD
213	701127-00213	HE
214	701127-00214	HF
215	701127-00215	HG
216	701127-00216	HH
217	701127-00217	HI
218	701127-00218	HJ
219	701127-00219	HK
220	701127-00220	HL
221	701127-00221	HM
222	701127-00222	HN
223	701127-00223	HO
224	701127-00224	HP
225	701127-00225	HQ
226	701127-00226	HR
227	701127-00227	HS
228	701127-00228	HT
229	701127-00229	HU
230	701127-00230	HV
231	701127-00231	HW
232	701127-00232	HX
233	701127-00233	HY
234	701127-00234	HZ
235	701127-00235	IA
236	701127-00236	IB
237	701127-00237	IC
238	701127-00238	ID
239	701127-00239	IE
240	701127-00240	IF
241	701127-00241	IG
242	701127-00242	IH
243	701127-00243	II
244	701127-00244	IJ
245	701127-00245	IK
246	701127-00246	IL
247	701127-00247	IM
248	701127-00248	IN
249	701127-00249	IO
250	701127-00250	IP
251	701127-00251	IQ
252	701127-00252	IR
253	701127-00253	IS
254	701127-00254	IT
255	701127-00255	IU
256	701127-00256	IV
257	701127-00257	IW
258	701127-00258	IX
259	701127-00259	IY
260	701127-00260	IZ
261	701127-00261	JA
262	701127-00262	JB
263	701127-00263	JC
264	701127-00264	JD
265	701127-00265	JE
266	701127-00266	JF
267	701127-00267	JG
268	701127-00268	JH
269	701127-00269	JI
270	701127-00270	JJ
271	701127-00271	JK
272	701127-00272	JL
273	701127-00273	JM
274	701127-00274	JN

THIS DRAWING AND SPECIFICATIONS HEREON ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975 DIGITAL EQUIPMENT CORPORATION

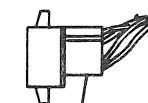
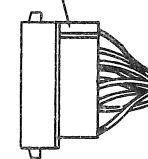
WIRE TABLE					
ITEM NO	AWG	COLOR	FROM	TO	WITH
1	18	BLK	P2-1	GND	SOLDER
	18	BRN	P2-2	LTC	
	18	VIO	P2-3	DC LO	
	18	YEL	P2-4	AC LO	
	14	RED	P1-1	+5V	
	18	GRY	P1-2	+15	
	18	ORN	P1-3	+20V	
	14	RED	P1-4	+5V	
	18	WHT	P1-6	+15B SEE NOTE 4	
	14	BLK	P1-7	GND	
	14	BLK	P1-8	GND	
1	14	RED	P1-10	+5B	SOLDER

WIRE TABLE					
ITEM NO	AWG	COLOR	FROM	TO	WITH
1	18	BLU	P1-13	-15V	SOLDER
1	18	BRN	P1-14	-5V	
1	18	GRN	P1-15	-15B	
			SEE NOTE 4	SEE NOTE 4	
1	18	GRN	P1-6	+15B	SOLDER
			SEE NOTE 5		
1	18	WHT	P-15	-15B	
			SEE NOTE 5		

NOTES:

1. WIRE: THE DDH-CF IS USED WITH A BAI-F EXPANSION BOX WITHOUT BATTERY BACK-UP, INSTALL THE THREE JUMPERS SHOWN:
D -15 TO -15B
E -15 TO +15B
F +5 TO +5B
USE #22 SHIELDED BUS WIRE ON SIDE 2. THIS WILL PROVIDE POWER TO THE MOS MEMORY VOLTAGE RAILS.
2. INSTALL 'SHAKEPROOF' SOLDER LUG (ITEM #6) UNDER THE SYSTEM UNIT MOUNTING SCREW TO PROVIDE A LOGIC GROUND TO CHASSIS GROUND CONNECTION.
3. THE BAI-F POWER HARNESS ITEM #1 IS NOT ELECTRICALLY COMPATIBLE WITH THE BAI-L OR BAI-K MOUNTING BOX.
4. WHEN USING REV. A HARNESS USE THESE POINT-TO-POINT CONNECTIONS.
5. WHEN USING REV. D HARNESS USE THESE POINT-TO-POINT CONNECTIONS.

P1 REF



P2 REF

SEE NOTE #1

3
4

PIN A Ø1A1

5

SEE NOTE #2

6

2

PIN 1

4
3
2
1
2.23 REF

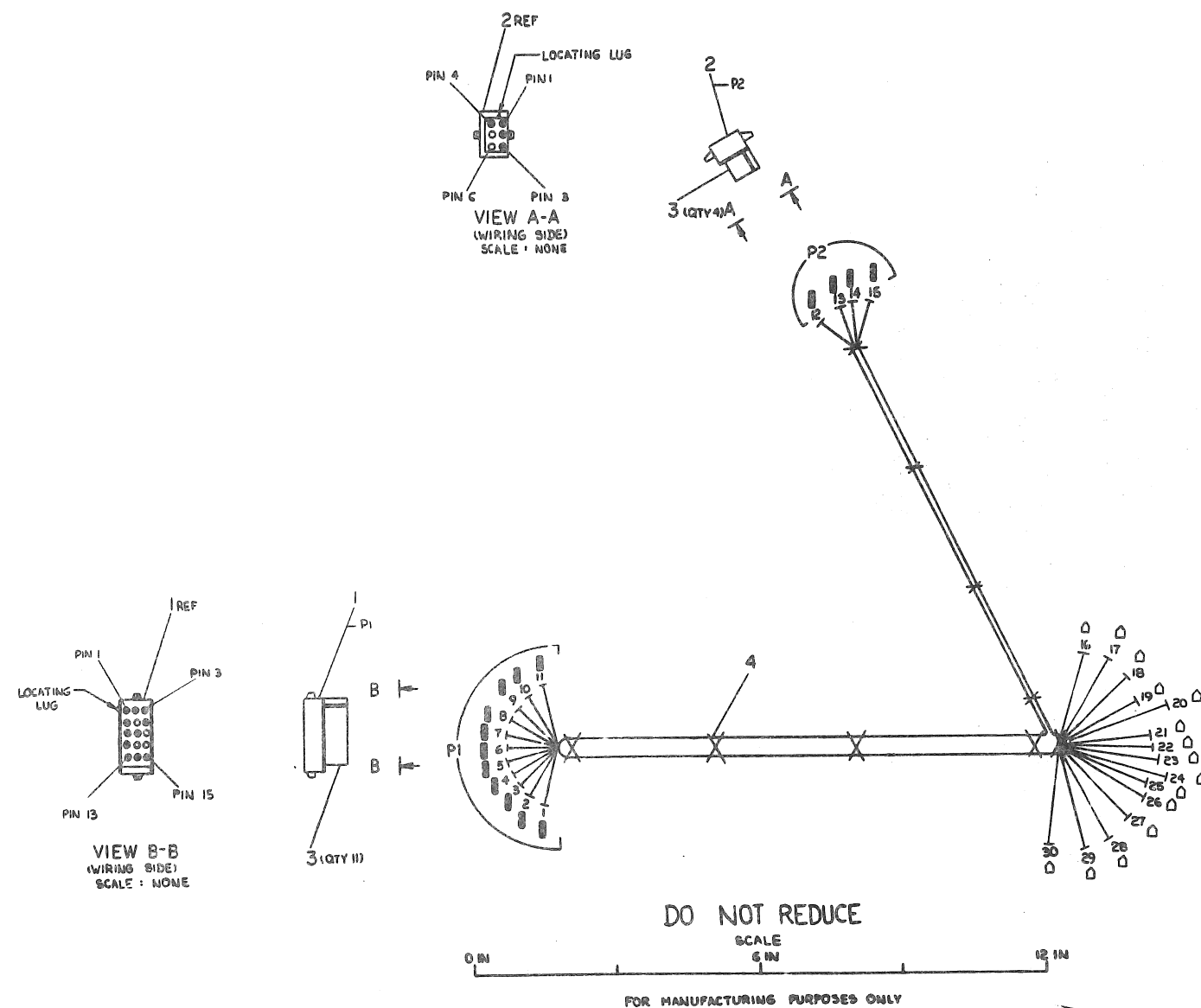
1.50 REF

1	SHAKEPROOF SOLDER LUG	90083100	6
2	WIRE #22AUS STD (BLK)	9107360-00	2
6	TUBING #22 (BLUE)	9107256-06	4
6	WIRE, BUS #22	9107560-01	3
1	WIRED ASSY DDH-C	D-IA-7011363-0-0	2
1	HARNESS, POWER F BOX	E-IA-7011363-0-0	1

QUANTITY & VARIATION		DESCRIPTION		UWG. PART NO.	ITEM NO.
THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
REMOVE BURRS AND BREAK SHARP CORNERS		SURFACE QUALITY			
DO NOT SCALE DIMS		FINISH			
NEXT HIGHER ASSY.		TITLE			
SCALE NONE		BACK PLANE ASS'Y			
SHEET 1 OF 1		DDH-CF			
PARTS LIST		SIZE CODE			
DIA 7012445-0-0		NUMBER			
		REV. A			

WIRE TABLE									
ITEM		FROM				TO			SIGNAL
NO	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM	
7	18	GRN	1	P1-15	ITEM 3	28		STRIP 4	-15V
8	18	BRN	2	P1-14		19		TIN	-5V
9	18	BLU	3	P1-13		24			-15V
6	14	RED	4	P1-10		25			+5B
5	14	BLK	5	P1-9		29			GND
8	14	BLK	6	P1-7		27			GND
10	12	WHT	7	P1-6		28			+15B
6	14	RED	8	P1-4		17			+5V
11	18	GRN	9	P1-3		18			+5DV
12	18	GRY	10	P1-2		23			+15V
6	14	RED	11	P1-1		16			+5V
13	18	BLK	12	P2-1		20			GND
9	18	BRN	13	P2-2		22			LTC
16	18	VIO	14	P2-3		21		STRIP 6	DC LO
15	18	VEL	15	P2-4	ITEM 5	30		TIN	AC LO

NOTES:
1. USE TIE CABLE (X) WHERE INDICATED



	NR WIRE, #10 STRD YEL	9107360-44	15
	NR WIRE, #10 STRD VIO	9107360-77	14
	NR WIRE, #10 STRD BLK	9107360-00	13
	NR WIRE, #10 STRD GRN	9107360-88	12
	NR WIRE, #10 STRD ORN	9107360-33	11
	NR WIRE, #10 STRD GRN	9107360-55	10
	NR WIRE, #10 STRD BLU	9107360-66	9
	NR WIRE, #10 STRD BRN	9107360-11	8
	NR WIRE, #10 STRD WHT	9107360-99	7
	NR WIRE, #14 STRD RED	9107370-22	6
	NR WIRE, #14 STRD BLK	9107370-00	5
X	9 TIE WRAP, PANDUIT	9007880-01	+
	15 PIN, MALE	1209378-01	3
	1 CONN, 6 PIN MAT LOCK	1209351-06	2
	1 CONN, 15 PIN MAT LOCK	1209351-15	1

SYMBOL		DESCRIPTION	QTY. PART NO.	ITEM
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
		ANGLE OF FLANGE OF ADDITIONAL (ENTER ONE)		
QUANTITY & VARIATION		SURFACE QUALITY IN MATERIAL DISPERSED	PART NO. 1.013 1.016 1.020 1.024	ORIGINAL DIMENSION RANGE INCHES 1.12 1.13 1.14 1.15 1.16 1.17 1.18 1.19 1.20 1.21 1.22 1.23 1.24 1.25 1.26 1.27 1.28 1.29 1.30 1.31 1.32 1.33 1.34 1.35 1.36 1.37 1.38 1.39 1.40 1.41 1.42 1.43 1.44 1.45 1.46 1.47 1.48 1.49 1.50 1.51 1.52 1.53 1.54 1.55 1.56 1.57 1.58 1.59 1.60 1.61 1.62 1.63 1.64 1.65 1.66 1.67 1.68 1.69 1.70 1.71 1.72 1.73 1.74 1.75 1.76 1.77 1.78 1.79 1.80 1.81 1.82 1.83 1.84 1.85 1.86 1.87 1.88 1.89 1.90 1.91 1.92 1.93 1.94 1.95 1.96 1.97 1.98 1.99 2.00 2.01 2.02 2.03 2.04 2.05 2.06 2.07 2.08 2.09 2.10 2.11 2.12 2.13 2.14 2.15 2.16 2.17 2.18 2.19 2.20 2.21 2.22 2.23 2.24 2.25 2.26 2.27 2.28 2.29 2.30 2.31 2.32 2.33 2.34 2.35 2.36 2.37 2.38 2.39 2.40 2.41 2.42 2.43 2.44 2.45 2.46 2.47 2.48 2.49 2.50 2.51 2.52 2.53 2.54 2.55 2.56 2.57 2.58 2.59 2.60 2.61 2.62 2.63 2.64 2.65 2.66 2.67 2.68 2.69 2.70 2.71 2.72 2.73 2.74 2.75 2.76 2.77 2.78 2.79 2.80 2.81 2.82 2.83 2.84 2.85 2.86 2.87 2.88 2.89 2.90 2.91 2.92 2.93 2.94 2.95 2.96 2.97 2.98 2.99 3.00 3.01 3.02 3.03 3.04 3.05 3.06 3.07 3.08 3.09 3.10 3.11 3.12 3.13 3.14 3.15 3.16 3.17 3.18 3.19 3.20 3.21 3.22 3.23 3.24 3.25 3.26 3.27 3.28 3.29 3.30 3.31 3.32 3.33 3.34 3.35 3.36 3.37 3.38 3.39 3.40 3.41 3.42 3.43 3.44 3.45 3.46 3.47 3.48 3.49 3.50 3.51 3.52 3.53 3.54 3.55 3.56 3.57 3.58 3.59 3.60 3.61 3.62 3.63 3.64 3.65 3.66 3.67 3.68 3.69 3.70 3.71 3.72 3.73 3.74 3.75 3.76 3.77 3.78 3.79 3.80 3.81 3.82 3.83 3.84 3.85 3.86 3.87 3.88 3.89 3.90 3.91 3.92 3.93 3.94 3.95 3.96 3.97 3.98 3.99 4.00 4.01 4.02 4.03 4.04 4.05 4.06 4.07 4.08 4.09 4.10 4.11 4.12 4.13 4.14 4.15 4.16 4.17 4.18 4.19 4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.36 4.37 4.38 4.39 4.40 4.41 4.42 4.43 4.44 4.45 4.46 4.47 4.48 4.49 4.50 4.51 4.52 4.53 4.54 4.55 4.56 4.57 4.58 4.59 4.60 4.61 4.62 4.63 4.64 4.65 4.66 4.67 4.68 4.69 4.70 4.71 4.72 4.73 4.74 4.75 4.76 4.77 4.78 4.79 4.80 4.81 4.82 4.83 4.84 4.85 4.86 4.87 4.88 4.89 4.90 4.91 4.92 4.93 4.94 4.95 4.96 4.97 4.98 4.99 5.00 5.01 5.02 5.03 5.04 5.05 5.06 5.07 5.08 5.09 5.10 5.11 5.12 5.13 5.14 5.15 5.16 5.17 5.18 5.19 5.20 5.21 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31 5.32 5.33 5.34 5.35 5.36 5.37 5.38 5.39 5.40 5.41 5.42 5.43 5.44 5.45 5.46 5.47 5.48 5.49 5.50 5.51 5.52 5.53 5.54 5.55 5.56 5.57 5.58 5.59 5.60 5.61 5.62 5.63 5.64 5.65 5.66 5.67 5.68 5.69 5.70 5.71 5.72 5.73 5.74 5.75 5.76 5.77 5.78 5.79 5.80 5.81 5.82 5.83 5.84 5.85 5.86 5.87 5.88 5.89 5.90 5.91 5.92 5.93 5.94 5.95 5.96 5.97 5.98 5.99 6.00 6.01 6.02 6.03 6.04 6.05 6.06 6.07 6.08 6.09 6.10 6.11 6.12 6.13 6.14 6.15 6.16 6.17 6.18 6.19 6.20 6.21 6.22 6.23 6.24 6.25 6.26 6.27 6.28 6.29 6.30 6.31 6.32 6.33 6.34 6.35 6.36 6.37 6.38 6.39 6.40 6.41 6.42 6.43 6.44 6.45 6.46 6.47 6.48 6.49 6.50 6.51 6.52 6.53 6.54 6.55 6.56 6.57 6.58 6.59 6.60 6.61 6.62 6.63 6.64 6.65 6.66 6.67 6.68 6.69 6.70 6.71 6.72 6.73 6.74 6.75 6.76 6.77 6.78 6.79 6.80 6.81 6.82 6.83 6.84 6.85 6.86 6.87 6.88 6.89 6.90 6.91 6.92 6.93 6.94 6.95 6.96 6.97 6.98 6.99 7.00 7.01 7.02 7.03 7.04 7.05 7.06 7.07 7.08 7.09 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.20 7.21 7.22 7.23 7.24 7.25 7.26 7.27 7.28 7.29 7.30 7.31 7.32 7.33 7.34 7.35 7.36 7.37 7.38 7.39 7.40 7.41 7.42 7.43 7.44 7.45 7.46 7.47 7.48 7.49 7.50 7.51 7.52 7.53 7.54 7.55 7.56 7.57 7.58 7.59 7.60 7.61 7.62 7.63 7.64 7.65 7.66 7.67 7.68 7.69 7.70 7.71 7.72 7.73 7.74 7.75 7.76 7.77 7.78 7.79 7.80 7.81 7.82 7.83 7.84 7.85 7.86 7.87 7.88 7.89 7.90 7.91 7.92 7.93 7.94 7.95 7.96 7.97 7.98 7.99 8.00 8.01 8.02 8.03 8.04 8.05 8.06 8.07 8.08 8.09 8.10 8.11 8.12 8.13 8.14 8.15 8.16 8.17 8.18 8.19 8.20 8.21 8.22 8.23 8.24 8.25 8.26 8.27 8.28 8.29 8.30 8.31 8.32 8.33 8.34 8.35 8.36 8.37 8.38 8.39 8.40 8.41 8.42 8.43 8.44 8.45 8.46 8.47 8.48 8.49 8.50 8.51 8.52 8.53 8.54 8.55 8.56 8.57 8.58 8.59 8.60 8.61 8.62 8.63 8.64 8.65 8.66 8.67 8.68 8.69 8.70 8.71 8.72 8.73 8.74 8.

DO NOT SCALE THIS		NEXT NUMBER ASSY.		SIZE		CODE		NUMBER		REF	
MATERIAL		SCALE		E		IA		7011128-0-0			
SEE PARTS LIST		1/1									
FIGURE		SHEET		OF		DIST.					

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975 DIGITAL EQUIPMENT CORPORATION"

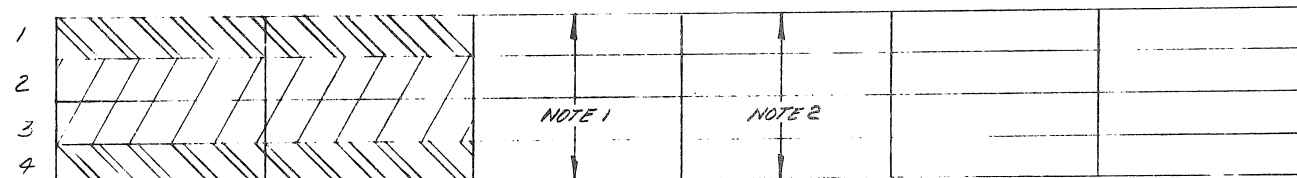
SLOT 1 (A & B) IS EITHER THE BEGINNING OF THE UNIBUS (M7263 CPU MODULE) OR THE UNIBUS CABLE INPUT (BC11A)

SLOT 4 (A & B) IS EITHER THE TERMINATION OF THE UNIBUS OR THE UNIBUS OUTPUT CABLE (BC11A)

UNIBUS INPUT

BUS GRANT DIRECTION

SLOT



VIEW FROM MODULE SIDE

CABLE FROM KY11-LA OPERATORS CONSOLE, USED WITH (M7263) PDP1104 CPU MODULE ONLY, TERMINATES HERE.

NOTES:

1. REMOVE CA1 TO CBI WIRE WRAP JUMPER TO INSTALL AN NPR OPTION IN ANY SPC SLOT.
2. G727 REQUIRED IN ANY UNUSED SPC SLOT TO PROVIDE BUS GRANT CONTINUITY.
3. GRANT DIRECTION IS SLOT 1 TO SLOT 4.
4. USE M9202 TO INTERCONNECT SYSTEM UNITS INSTEAD OF M920. M9202 IS A 2 FT. UNIBUS JUMPER CABLE USED TO DISTRIBUTE UNIBUS LOADING.
5. M9302 (SACK/TERM) AND M9306 (TERM) MUST NEVER BE INSTALLED IN ANY SLOT OTHER THAN SLOT 4 (A & B). POWER SUPPLY VOLTAGES WILL BE SHORTED OUT IF THESE TERMINATORS ARE MOUNTED IN THE MODIFIED UNIBUS SLOTS.
6. MODIFIED UNIBUS SECTION CARRIES CORE AND MOS MEMORY VOLTAGE RAILS AND MEMORY PARITY CONTROL SIGNALS INSTEAD OF BUS GRANT AND SOME GND SIGNALS THAT ARE CONTAINED IN STANDARD UNIBUS SLOTS.
7. INSTALL M9301 IN SLOT 2 ONLY FOR GOOD UNIBUS TERMINATION.

A B
STANDARD UNIBUS
(SLOT 1+4)

DUAL MODULES WHICH PLUG INTO STANDARD UNIBUS SLOTS ONLY.
BC11A UNIBUS CABLE
M9302 SACK/TERM. (NOTES)
M920 (NOTE 4)
M930 (NOTE 5)
M9202 (NOTE 4)

A B
MODIFIED UNIBUS
(SLOT 2+3)

DUAL MODULES WHICH PLUG INTO THE MODIFIED UNIBUS ONLY.
M9301 BOOT/TERM. (SLOT 2 ONLY)
M9306 TERM.
M7850 PARITY CONT.

C D E F
SMALL PERIPHERAL CONTROLLER
(SLOT 1-4)

ANY S.P.C. OPTION

A B C D E F
HEX MODULE WITH MODIFIED UNIBUS SIGNALS
(SLOT 2+3)

HEX MODULES THAT PLUG INTO MODIFIED UNIBUS ONLY:
M7847 MOS MEMORY (MS11)
M7848 MOS MEMORY (MS11)

GENERAL

ANY HEX MODULE THAT MEETS THE FOLLOWING REQUIREMENTS CAN BE MOUNTED IN THESE SLOTS.

1. THOSE PINNED TO TAKE SIGNALS FROM MODIFIED UNIBUS (A & B) WITH THE BUS GRANTS TAKEN FROM SPC SLOTS 10: ABOVE
2. THOSE PINNED TO TAKE SIGNALS FROM STANDARD SPC PINNING WITH THE EXCEPTION OF POWER FROM (A & B) 10: SPECIAL OPTIONS

A B C D E F
HEX MODULE WITH STD. UNIBUS SIGNALS
(SLOT 1 ONLY)

M7263 PDP1104 CPU MODULE

REVISIONS	CHANGE NO.	REV.
CHK	DDIC-00001	A
BY	1-6-76	
BY	R. BARRY	
BY	Richard Barry	

DEC FORM NO. DRD 100-C

QUANTITY & VARIATION	DESCRIPTION	DWG./PART NO.	ITEM NO.
THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
REMOVE BURRS AND BREAK SHARP CORNERS	ANGLES 40° 30'		
DO NOT SCALE DWG	SURFACE QUALITY IN		
MATERIAL	CLASS OF ACCURACY (CHECK ONE)		
FINISH	MEDIUM		
	PREFERRED		
	DRN		
	CHK		
	ENG.		
	PROJ. ENG.		
	PROD.		
	NEXT HIGHER ASSY.		
	E-DD-DD11-C		
	SCALE		
	SHEET		
	OF		
	DIST.		
	FIRST USED ON		
	B-DD-DD11-C		
	TITLE		
	MODULE UTILIZATION		
	(DD11-C)		
	SIZE CODE		
	D MU		
	NUMBER		
	DD11-C-2		
	REV.		
	A		

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission. COPYRIGHT © 1975

DIGITAL EQUIP. CORP.

REVISIONS		REV.	
CHK	CHANGE NO.		
2	DDIIC-00001	A	
R. BARRY			
Richard Barry 1-13-76			

FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.		
DDIIC							
PARTS LIST							
DRN	<i>G. Whelan</i>	DATE	7/2/75	 DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE WIRE LIST DDIIC			
CHK'D.	<i>D. Neely</i>	DATE	7/31/75				
ENG.	<i>R. Barry</i>	DATE	7-30-75				
PROJ. ENG.	<i>R. Barry</i>	DATE	7-2-75				
PROD.	<i>R. Barry</i>	DATE	8/19/75				
NEXT HIGHER ASSEMBLY				SIZE CODE NUMBER REV K WL DDIIC-1 A			
B-DD-DDIIC							
SCALE							
SHEET		OF		DIST.			
1		1					

DD11-C.P.
RUN NAME

HND288.V23(23) 05/24/74
A/P FIN ORDER BAY -
NAME PIN ORDER

Q DRAW RV PG Y X Z REMARKS

12-MAR-75 8143 PAGE 1
LENGTH EXCEPTIONS RUN
NUMBER

+15/+8V	C01U1	1-01	H		2	P	H TO WHERE	1
+15/+8V	C02U1	1-02	H		1	P	H TO WHERE	1
+15/+8V	C03U1	1-03	H		2	P	H TO WHERE	1
+15/+8V	C04U1	1-04					TO HERE	1
+15/+8V		1					8-2/8	1
+20V	A02U1	1-01	H		1	P	H TO WHERE	2
+20V	A02V1	1-02	H		2	P	H TO WHERE	2
+20V	A02V2	1-03	H		1	P	H TO WHERE	2
+20V	A03U1	1-04	H		2	P	H TO WHERE	2
+20V	A03V1	1-05	H		1	P	H TO WHERE	2
+20V	A03V2	1-06					TO HERE	2
+20V		1					12-4/8	2
+5V (1)	A01A2	1-01	H		2	P	H TO WHERE	3
+5V (1)	A02A2	1-02	H		1	P	H TO WHERE	3
+5V (1)	A03A2	1-03	H		2	P	H TO WHERE	3
+5V (1)	A04A2	1-04					TO HERE	3
+5V (1)		1					8-2/8	3
+5V (2)	B01A2	1-01	H		2	P	H TO WHERE	4
+5V (2)	B02A2	1-02	H		1	P	H TO WHERE	4
+5V (2)	B03A2	1-03	H		2	P	H TO WHERE	4
+5V (2)	B04A2	1-04					TO HERE	4
+5V (2)		1					8-2/8	4
+5V (3)	C01A2	1-01	H		2	P	H TO WHERE	5
+5V (3)	C02A2	1-02	H		1	P	H TO WHERE	5
+5V (3)	C03A2	1-03	H		2	P	H TO WHERE	5
+5V (3)	C04A2	1-04					TO HERE	5
+5V (3)		1					8-2/8	5
+5V (4)	D01A2	1-01	H		2	P	H TO WHERE	6
+5V (4)	D02A2	1-02	H		1	P	H TO WHERE	6
+5V (4)	D03A2	1-03	H		2	P	H TO WHERE	6
+5V (4)	D04A2	1-04					TO HERE	6
+5V (4)		1					8-2/8	6
+5V (5)	E01A2	1-01	H		2	P	H TO WHERE	7
+5V (5)	E02A2	1-02	H		1	P	H TO WHERE	7
+5V (5)	E03A2	1-03	H		2	P	H TO WHERE	7
+5V (5)	E04A2	1-04					TO HERE	7
+5V (5)		1					8-2/8	7

D01-C.PP RUN NAME	A/P PIN ORDER NAME	HND286.V23(23) 05/24/74	BAY - ORDER	O DRAW RV PC Y	X Z	REMARKS	12-MAR-75	0143	PAGE 2
RUN NAME	PIN ORDER NAME	BAY - ORDER	O DRAW RV PC Y	X Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER	
+5V (6)	F01A2	1-01	H	2		P	H TO WHERE	9	
+5V (6)	F02A2	1-02	H	1		P	H TO WHERE	9	
+5V (6)	F03A2	1-03	H	2		P	H TO WHERE	9	
+5V (6)	F04A2	1-04					TO HERE	9	
+5V (6)		1					9-2/9	9	
-15V	CW1B2	1-01	H	2		P	H TO WHERE	9	
-15V	CQ2B2	1-02	H	1		P	H TO WHERE	9	
-15V	CQ3B2	1-03	H	2		P	H TO WHERE	9	
-15V	CQ4B2	1-04	H	1		P	H TO WHERE	9	
-15V	DQ4B2	1-05	H	2		P	H TO WHERE	9	
-15V	DQ3B2	1-06	H	1		P	H TO WHERE	9	
-15V	DQ2B2	1-07	H	2		P	H TO WHERE	9	
-15V	DQ1B2	1-08	H	1		P	H TO WHERE	9	
-15V	EQ1B2	1-09	H	2		P	H TO WHERE	9	
-15V	EQ2B2	1-10	H	1		P	H TO WHERE	9	
-15V	EQ3B2	1-11	H	2		P	H TO WHERE	9	
-15V	EQ4B2	1-12	H	1		P	H TO WHERE	9	
-15V	FQ4B2	1-13	H	2		P	H TO WHERE	9	
-15V	FQ3B2	1-14	H	1		P	H TO WHERE	9	
-15V	FQ2B2	1-15	H	2		P	H TO WHERE	9	
-15V	FQ1B2	1-16					TO HERE	9	
-15V		1					47-6/9	9	
-5V	BQ2V2	1-01	H	1		P	H TO WHERE	10	
-5V	BQ3V2	1-02					TO HERE	10	
-5V		1					2-6/9	10	
A RG IN	CQ1U2	1-01						11	
A BG IV	FQ1B1	1-02						11	
A HG IN		1						11	
A RG OUT	DQ1V2	1-01						12	
A BG OUT	FQ1A1	1-02						12	
A RG OUT		1						12	
S-6/9									
A BR OUT	DQ1J2	1-01						13	
A SR OUT	FQ1P1	1-02						13	
A BR OUT	FQ1U2	1-03						13	
A BR OUT		1						13	
11-4/9									
A IV	DQ1H1	1-01						14	
A IV	EQ1M1	1-02						14	
A IV		1						14	
5-2/9									

[illegible]

DD11-C-P0 RUN NAME	HND200.V23(23) 05/24/74			12-MAR-75			0143	PAGE 6	
A/P	PIN NAME	ORDER PIN	BAY - ORDER	O	DRAW RV PG Y	X	Z	REMARKS	LENGTH
BG4 A	B01E2	1-01	1				1		
BG4 A	D01S2	1-02	1						
BG4 A									9-6/8
BG4 B	D01I2	1-01	1	H			1	H TO WHERE TO HERE	
BG4 B	D02S2	1-02	1						2-6/8
BG4 C	D02I2	1-01	1	H			1	H TO WHERE TO HERE	
BG4 C	D03S2	1-02	1						2-6/8
BG4 D	D03I2	1-01	1	H			1	H TO WHERE TO HERE	
BG4 D	D04S2	1-02	1						2-6/8
BG4 E	B04E2	1-01	1				1		
BG4 E	D04I2	1-02	1						9-0/8
BG5 A	B01B1	1-01	1				1		
BG5 A	D01P2	1-02	1						9-0/8
BG5 B	D01R2	1-01	1	H			1	H TO WHERE TO HERE	
BG5 B	D02P2	1-02	1						2-6/8
BG5 C	D02R2	1-01	1	H			1	H TO WHERE TO HERE	
BG5 C	D03P2	1-02	1						2-6/8
BG5 D	D03R2	1-01	1	H			1	H TO WHERE TO HERE	
BG5 D	D04P2	1-02	1						2-6/8
BG5 E	B04B1	1-01	1				1		
BG5 E	D04R2	1-02	1						9-2/8
BG6 A	B01A1	1-01	1				1		
BG6 A	D01M2	1-02	1						9-0/8
BG6 B	D01N2	1-01	1	H			1	H TO WHERE TO HERE	
BG6 B	D02M2	1-02	1						2-6/8

DD11-C-P0 RUN NAME	HND200.V23(23) 05/24/74			12-MAR-75			0143	PAGE 7	
A/P	PIN NAME	ORDER PIN	BAY - ORDER	O	DRAW RV PG Y	X	Z	REMARKS	LENGTH
BG6 C	D02N2	1-01	1	H			1	H TO WHERE TO HERE	
BG6 C	D03M2	1-02	1						2-6/8
BG6 D	D03N2	1-01	1	H			1	H TO WHERE TO HERE	
BG6 D	D04M2	1-02	1						2-6/8
BG6 E	B04A1	1-01	1	H			1	H TO WHERE TO HERE	
BG6 E	D04N2	1-02	1						9-2/8
BG7 A	A01V1	1-01	1				1		
BG7 A	D01K2	1-02	1						9-2/8
BG7 B	D01L2	1-01	1	H			1	H TO WHERE TO HERE	
BG7 B	D02K2	1-02	1						2-6/8
BG7 C	D02L2	1-01	1	H			1	H TO WHERE TO HERE	
BG7 C	D03K2	1-02	1						2-6/8
BG7 D	D03L2	1-01	1	H			1	H TO WHERE TO HERE	
BG7 D	D04K2	1-02	1						2-6/8
BG7 E	A04V1	1-01	1				1		
BG7 E	D04L2	1-02	1						9-4/8
BR4 L	B01D2	1-01	2	H			2	HAND WIRE TO HERE	
BR4 L	D01H2	1-02	1				1	HAND WIRE TO HERE	
BR4 L	D02H2	1-03	2	H			2	HAND WIRE TO HERE	
BR4 L	D03H2	1-04	1	H			1	HAND WIRE TO HERE	
BR4 L	D04H2	1-05	2	H			2	HAND WIRE TO HERE	
BR4 L	E03D2	1-06	1				1	HAND WIRE TO HERE	
BR4 L	B04D2	1-07	2	H			2	HAND WIRE TO HERE	
BR4 L		1-08	1						30-2/8

DDI-C.PP RUN NAME	MM0206.V23(23) 05/24/74				05/24/74				12-MAR-75				PAGE 12	
	A/P	PIN	ORDER	PIN	O	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS
BUS A13 L		B01P1	1-01 *	H							2		P	HAND WIRE
BUS A13 L		B02P1	1-02 *								1		P	TO HERE
BUS A13 L		E01K2	1-03 *	H							2		P	HAND WIRE
BUS A13 L		E02K2	1-04 *	H							1		P	HAND WIRE
BUS A13 L		E03K2	1-05 *	H							2		P	HAND WIRE
BUS A13 L		E04K2	1-06 *	H							1		P	TO HERE
BUS A13 L		B03P1	1-07 *	H							2		P	HAND WIRE
BUS A13 L		E04P1	1-08 *								1		P	TO HERE
BUS A14 L		B01R2	1-01 *	H							2		P	HAND WIRE
BUS A14 L		B02R2	1-02 *								1		P	TO HERE
BUS A14 L		E01K1	1-03 *	H							2		P	HAND WIRE
BUS A14 L		E02K1	1-04 *	H							1		P	HAND WIRE
BUS A14 L		E03K1	1-05 *	H							2		P	HAND WIRE
BUS A14 L		E04K1	1-06 *	H							1		P	TO HERE
BUS A14 L		B03R2	1-07 *	H							2		P	HAND WIRE
BUS A14 L		B04R2	1-08 *								1		P	TO HERE
BUS A15 L		B01P1	1-01 *	H							2		P	HAND WIRE
BUS A15 L		B02P1	1-02 *								1		P	TO HERE
BUS A15 L		E01D2	1-03 *	H							2		P	HAND WIRE
BUS A15 L		E02D2	1-04 *	H							1		P	HAND WIRE
BUS A15 L		E03D2	1-05 *	H							2		P	HAND WIRE
BUS A15 L		E04D2	1-06 *	H							1		P	TO HERE
BUS A15 L		B03R1	1-07 *	H							2		P	HAND WIRE
BUS A15 L		B04R1	1-08 *								1		P	TO HERE
BUS A16 L		B01S2	1-01 *	H							2		P	HAND WIRE
BUS A16 L		B02S2	1-02 *								1		P	TO HERE
BUS A16 L		E01E2	1-03 *	H							2		P	HAND WIRE
BUS A16 L		E02E2	1-04 *	H							1		P	HAND WIRE
BUS A16 L		E03E2	1-05 *	H							2		P	HAND WIRE
BUS A16 L		E04E2	1-06 *	H							1		P	TO HERE
BUS A16 L		B03S2	1-07 *	H							2		P	HAND WIRE
BUS A16 L		B04S2	1-08 *								1		P	TO HERE

DDI-C.PP RUN NAME	MM0206.V23(23) 05/24/74				05/24/74				12-MAR-75				PAGE 13	
	A/P	PIN	ORDER	PIN	O	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS
BUS A17 L		B01S1	1-01 *	H							2		P	HAND WIRE
BUS A17 L		B02S1	1-02 *								1		P	TO HERE
BUS A17 L		E01D1	1-03 *	H							2		P	HAND WIRE
BUS A17 L		E02D1	1-04 *	H							1		P	HAND WIRE
BUS A17 L		E03D1	1-05 *	H							2		P	HAND WIRE
BUS A17 L		E04D1	1-06 *	H							1		P	TO HERE
BUS A17 L		B03S1	1-07 *	H							2		P	HAND WIRE
BUS A17 L		B04S1	1-08 *								1		P	TO HERE
BUS D02 L		A01C1	1-01 *	H							2		P	HAND WIRE
BUS D02 L		A02C1	1-02 *								1		P	TO HERE
BUS D02 L		C01S2	1-03 *	H							2		P	HAND WIRE
BUS D02 L		C02S2	1-04 *	H							1		P	HAND WIRE
BUS D02 L		C03S2	1-05 *	H							2		P	HAND WIRE
BUS D02 L		C04S2	1-06 *	H							1		P	TO HERE
BUS D02 L		A03C1	1-07 *	H							2		P	HAND WIRE
BUS D02 L		A04C1	1-08 *								1		P	TO HERE
BUS D01 L		A01D2	1-01 *	H							2		P	HAND WIRE
BUS D01 L		A02D2	1-02 *								1		P	TO HERE
BUS D01 L		C01R2	1-03 *	H							2		P	HAND WIRE
BUS D01 L		C02R2	1-04 *	H							1		P	HAND WIRE
BUS D01 L		C03R2	1-05 *	H							2		P	HAND WIRE
BUS D01 L		C04R2	1-06 *	H							1		P	TO HERE
BUS D01 L		A03D2	1-07 *	H							2		P	HAND WIRE
BUS D01 L		A04D2	1-08 *								1		P	TO HERE
BUS D02 L		F01E2	1-01	H							2		P	H TO WHERE
BUS D02 L		F02E2	1-02	H							1		P	H TO WHERE
BUS D02 L		F03E2	1-03	H							2		P	H TO WHERE
BUS D02 L		F04E2	1-04								1		P	TO HERE
BUS D02 L		A01D1	1-01 *	H							2		P	HAND WIRE
BUS D02 L		A02D1	1-02 *								1		P	TO HERE
BUS D02 L		C01U2	1-03 *	H							2		P	HAND WIRE
BUS D02 L		C02U2	1-04 *	H							1		P	HAND WIRE
BUS D02 L		C03U2	1-05 *	H							2		P	HAND WIRE
BUS D02 L		C04U2	1-06 *	H							1		P	TO HERE
BUS D02 L		A03D1	1-07 *	H							2		P	HAND WIRE
BUS D02 L		A04D1	1-08 *								1		P	TO HERE

DDI1-C.P#	A/P	PIN	ORDER	PIN	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	12-MAR-75	LENGTH	EXCEPTIONS	PAGE 14
RUN NAME					ORDER												RUN NUMBER
BUS D02 L JMP		C02U2			1-01							1					92
BUS D02 L JMP		F02E2			1-02												92
BUS D02 L JMP					1										9-6/8		92
BUS D03 L		F01L1			1-01	H						2				H TO WHERE	93
BUS D03 L		F02L1			1-02	H						1				H TO WHERE	93
BUS D03 L		F03L1			1-03	H						2				H TO WHERE	93
BUS D03 L		F04L1			1-04											TO HERE	93
BUS D03 L					1										8-2/8		93
BUS D03 L		A01E2			1-01 *	H						2				HAND WIRE	94
BUS D03 L		A02E2			1-02 *							1				TO HERE	94
BUS D03 L		C01T2			1-03 *	H						2				HAND WIRE	94
BUS D03 L		C02T2			1-04 *	H						1				HAND WIRE	94
BUS D03 L		C03T2			1-05 *	H						2				HAND WIRE	94
BUS D03 L		C04T2			1-06 *							1				TO HERE	94
BUS D03 L		A03E2			1-07 *	N						2				HAND WIRE	94
BUS D03 L		A04E2			1-08 *										32-2/8	TO HERE	94
BUS D03 L					1												94
BUS D03 L JMP		C03T2			1-01							1					95
BUS D03 L JMP		F02U1			1-02												95
BUS D03 L JMP					1										9-6/8		95
BUS D04 L		F01N2			1-01	H						2				H TO WHERE	96
BUS D04 L		F02N2			1-02	H						1				H TO WHERE	96
BUS D04 L		F03N2			1-03	H						2				H TO WHERE	96
BUS D04 L		F04N2			1-04											TO HERE	96
BUS D04 L					1										8-2/8		96
BUS D04 L		A01E1			1-01 *	H						2				HAND WIRE	97
BUS D04 L		A02E1			1-02 *							1				TO HERE	97
BUS D04 L		C01N2			1-03 *	H						2				HAND WIRE	97
BUS D04 L		C02N2			1-04 *	H						1				HAND WIRE	97
BUS D04 L		C03N2			1-05 *	H						2				HAND WIRE	97
BUS D04 L		C04N2			1-06 *							1				TO HERE	97
BUS D04 L		A03E1			1-07 *	H						2				HAND WIRE	97
BUS D04 L		A04E1			1-08 *										31-0/8	TO HERE	97
BUS D04 L					1												97
BUS D04 L JMP		C02N2			1-01							1					98
BUS D04 L JMP		F02N2			1-02												98
BUS D04 L JMP					1										10-2/8		98

[illegible]

HND200.V23(23) 05/24/74										12-MAR-75	8143	PAGE 16			
A/P		PIN		ORDER		PIN		BAY -		O		EXCEPTIONS		RUN	
NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME
BUS D07 L	A01H2	1-01 *	H	2	1	106									
BUS D07 L	A02H2	1-02 *		1	1	106									
BUS D07 L	C01M2	1-03 *	H	2	1	106									
BUS D07 L	C02M2	1-04 *	H	1	1	106									
BUS D07 L	C03M2	1-05 *	H	2	1	106									
BUS D07 L	C04M2	1-06 *	H	1	1	106									
BUS D07 L	A03H2	1-07 *	H	2	1	106									
BUS D07 L	A04H2	1-08 *		1	1	106									
BUS D07 L JWP	C02M2	1-01		1	1	107									
BUS D07 L JWP	F02H1	1-02		1	1	107									
BUS D08 L	F01K1	1-01	H	2	1	109									
BUS D08 L	F02K1	1-02	H	1	1	109									
BUS D08 L	F03K1	1-03	H	2	1	109									
BUS D08 L	F04K1	1-04		1	1	109									
BUS D08 L	A01H1	1-01 *	H	2	1	109									
BUS D08 L	A02H1	1-02 *		1	1	109									
BUS D08 L	C01L2	1-03 *	H	1	1	109									
BUS D08 L	C02L2	1-04 *	H	2	1	109									
BUS D08 L	C03L2	1-05 *	H	1	1	109									
BUS D08 L	C04L2	1-06 *	H	2	1	109									
BUS D08 L	A03H1	1-07 *	H	1	1	109									
BUS D08 L	A04H1	1-08 *		2	1	109									
BUS D08 L JWP	C02L2	1-01		1	1	110									
BUS D08 L JWP	F02K1	1-02		1	1	110									
BUS D09 L	A01J2	1-01 *	H	2	1	111									
BUS D09 L	A02J2	1-02 *		1	1	111									
BUS D09 L	C01K2	1-03 *	H	2	1	111									
BUS D09 L	C02K2	1-04 *	H	1	1	111									
BUS D09 L	C03K2	1-05 *	H	2	1	111									
BUS D09 L	C04K2	1-06 *	H	1	1	111									
BUS D09 L	A03J2	1-07 *	H	2	1	111									
BUS D09 L	A04J2	1-08 *		1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1	1	111									
BUS D09 L				2	1	111									
BUS D09 L				1											

DD11-C-P0	BUY NAME	A/P	PIN	ORDER	BAY -	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	12-MAR-75	LENGTH	EXCEPTIONS	PAGE 19
BUY NAME																		NUMBER
BUS D14 L	A01L1				1-01 *	H							2				HAND WIRE	116
BUS D14 L	A02L1				1-02 *								1				TO HERE	116
BUS D14 L	C01E2				1-03 *	H							2				HAND WIRE	116
BUS D14 L	C02E2				1-04 *	H							1				HAND WIRE	116
BUS D14 L	C03E2				1-05 *	H							2				HAND WIRE	116
BUS D14 L	C04E2				1-06 *								1				TO HERE	116
BUS D14 L	A03L1				1-07 *	H							2				HAND WIRE	116
BUS D14 L	A04L1				1-08 *								1		28-2/8		TO HERE	116
BUS D15 L	A01M2				1-01 *	H							2				HAND WIRE	117
BUS D15 L	A02M2				1-02 *								1				TO HERE	117
BUS D15 L	C01D2				1-03 *								2					117
BUS D15 L	C02D2				1-04 *								1					117
BUS D15 L	C03D2				1-05 *								2					117
BUS D15 L	C04D2				1-06 *								1					117
BUS D15 L	A03M2				1-07 *	H							2				HAND WIRE	117
BUS D15 L	A04M2				1-08 *								1		27-6/8		TO HERE	117
C 9G IN	D03U2				1-01								1					118
C 9G IN	F03B1				1-02								1		5-6/8			118
C 9G OUT	D03V2				1-01								1					119
C 8G OUT	F03A1				1-02								1		5-6/8			119
C 8R OUT	D03J2				1-01								1					120
C 8R OUT	F03P1				1-02								2					120
C 8R OUT	F03U2				1-03								1		11-4/8			120
C 1:	D03H1				1-01								1					121
C 1V	E03M1				1-02								1		5-2/8			121
C 1V A	D03N1				1-01								1					122
C 1V A	F03U1				1-02								1					122
C 1V A					1										8-2/8			122
C 1V B	C03J1				1-01								1					123
C 1V B	F03K2				1-02								1		18-4/8			123

[illegible]

HNO288.V23(23) 05/24/74										12-MAR-75		0:43		PAGE 22															
D011-C.P0		A/P		PIN		ORDER		Q		DRAW		RV		PG		Y		X		Z		REMARKS		LENGTH		EXCEPTIONS		RUN	
RUN NAME		NAME		PIN		ORDER		Q		DRAW		RV		PG		Y		X		Z		REMARKS		LENGTH		EXCEPTIONS		NUMBER	
F01M2		F01M2																			1							154	
F01M2		F01S1																										154	
F01M2																								3-0/0				154	
F01P2		F01P2																			1							155	
F01P2		F01S2																										155	
F01P2																								2-4/0				155	
F02D2		F02D2																			2							156	
F02D2		F02R2																			1							156	
F02D2		F02N1																										156	
F02D2																								6-2/0				156	
F02E1		F02F1																			1							157	
F02E1		F02V2																										157	
F02E1																								4-2/0				157	
F02L2		F02L2																			1							158	
F02L2		F02R1																										158	
F02L2																								3-0/0				158	
F02M2		F02M2																			1							159	
F02M2		F02S1																										159	
F02M2																								3-0/0				159	
F02P2		F02P2																			1							160	
F02P2		F02S2																										160	
F02P2																								2-4/0				160	
F03D2		F03D2																			2							161	
F03D2		F03R2																			1							161	
F03D2		F03N1																										161	
F03D2																								6-2/0				161	
F03E1		F03E1																			1							162	
F03E1		F03V2																										162	
F03E1																								4-2/0				162	
F03L2		F03L2																			1							163	
F03L2		F03R1																										163	
F03L2																								3-0/0				163	
F03M2		F03M2																			1							164	
F03M2		F03S1																										164	
F03M2																								3-0/0				164	

HWC288.V23(23) 05/24/74										12-MAR-75		0:43		PAGE 23	
A/P RUN NAME		ORDER PIN	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER		
F03P2		F03P2	1-01						1				165		
F03P2		F03S2	1-02										165		
F03P2			1								2-4/0		165		
F04D2		F04D2	1-01						2				166		
F04D2		F04P2	1-02						1				166		
F04D2		F04N1	1-03										166		
F04D2			1								6-2/0		166		
F04E1		F04E1	1-01						1				167		
F04E1		F04V2	1-02										167		
F04E1			1								4-2/0		167		
F04L2		F04L2	1-01						1				168		
F04L2		F04R1	1-02										168		
F04L2			1								3-0/0		168		
F04M2		F04M2	1-01						1				169		
F04M2		F04S1	1-02										169		
F04M2			1								3-0/0		169		
F04P2		F04P2	1-01						1				170		
F04P2		F04S2	1-02										170		
F04P2			1								2-4/0		170		
G00 (01)		A01C2	1-01						2			H TO WHERE	171		
G00 (01)		A02C2	1-02						1			H TO WHERE	171		
G00 (01)		A03C2	1-03						2			H TO WHERE	171		
G00 (01)		A04C2	1-04						1			H TO WHERE	171		
G00 (01)		A04T1	1-05						2			H TO WHERE	171		
G00 (01)		A03T1	1-06						1			H TO WHERE	171		
G00 (01)		A02T1	1-07						2			H TO WHERE	171		
G00 (01)		A01T1	1-08									TO HERE	171		
G00 (01)			1								20-4/0		171		
G00 (02)		B01C2	1-01						2			H TO WHERE	172		
G00 (02)		B02C2	1-02						1			H TO WHERE	172		
G00 (02)		B03C2	1-03						2			H TO WHERE	172		
G00 (02)		B04C2	1-04						1			H TO WHERE	172		
G00 (02)		B04T1	1-05						2			H TO WHERE	172		
G00 (02)		B03T1	1-06						1			H TO WHERE	172		
G00 (02)		B02T1	1-07						2			H TO WHERE	172		
G00 (02)		B01T1	1-08									TO HERE	172		
G00 (02)			1								20-4/0		172		

DD11-C.PJ RUN NAME	HND288.V23(23) 05/24/74				12-MAR-75				8143				PAGE 24			
A/P - PIN	PIN	ORDER	BAY -	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN	NUMBER
GND (03)	C01C2	1-01	H								2			H TO WHERE	173	
GND (03)	C02C2	1-02	H								1			H TO WHERE	173	
GND (03)	C03C2	1-03	H								2			H TO WHERE	173	
GND (03)	C04C2	1-04	H								1			H TO WHERE	173	
GND (03)	C04T1	1-05	H								2			H TO WHERE	173	
GND (03)	C03T1	1-06	H								1			H TO WHERE	173	
GND (03)	C02T1	1-07	H								2			H TO WHERE	173	
GND (03)	C01T1	1-08	H								1			TO HERE	173	
GND (04)		1											20-4/8			
GND (04)	D01C2	1-01	H								2			H TO WHERE	174	
GND (04)	D02C2	1-02	H								1			H TO WHERE	174	
GND (04)	D03C2	1-03	H								2			H TO WHERE	174	
GND (04)	D04C2	1-04	H								1			H TO WHERE	174	
GND (04)	D04T1	1-05	H								2			H TO WHERE	174	
GND (04)	D03T1	1-06	H								1			H TO WHERE	174	
GND (04)	D02T1	1-07	H								2			H TO WHERE	174	
GND (04)	D01T1	1-08	H								1			TO HERE	174	
GND (05)		1											20-4/8			
GND (05)	E01C2	1-01	H								2			H TO WHERE	175	
GND (05)	E02C2	1-02	H								1			H TO WHERE	175	
GND (05)	E03C2	1-03	H								2			H TO WHERE	175	
GND (05)	E04C2	1-04	H								1			H TO WHERE	175	
GND (05)	E04T1	1-05	H								2			H TO WHERE	175	
GND (05)	F03T1	1-06	H								1			H TO WHERE	175	
GND (05)	E02T1	1-07	H								2			H TO WHERE	175	
GND (05)	E01T1	1-08	H								1			TO HERE	175	
GND (06)		1											20-4/8			
GND (06)	F01C2	1-01	H								2			H TO WHERE	176	
GND (06)	F02C2	1-02	H								1			H TO WHERE	176	
GND (06)	F03C2	1-03	H								2			H TO WHERE	176	
GND (06)	F04C2	1-04	H								1			H TO WHERE	176	
GND (06)	F04T1	1-05	H								2			H TO WHERE	176	
GND (06)	F03T1	1-06	H								1			H TO WHERE	176	
GND (06)	F02T1	1-07	H								2			H TO WHERE	176	
GND (06)	F01T1	1-08	H								1			TO HERE	176	
GND (07)		1											20-4/8			
GND (07)	E01A1	1-01	H								2			H TO WHERE	177	
GND (07)	E02A1	1-02	H								1			H TO WHERE	177	
GND (07)	E03A1	1-03	H								2			H TO WHERE	177	
GND (07)	E04A1	1-04	H								1			TO HERE	177	
GND (07)		1											0-2/8			

DD11-C.PJ RUN NAME	HND288.V23(23) 05/24/74				12-MAR-75				8143				PAGE 25			
A/P - PIN	PIN	ORDER	BAY -	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN	NUMBER
GND (08)	A0102	1-01	H								1			H TO WHERE	179	
GND (08)	A01V2	1-02	H								2			H TO WHERE	179	
GND (08)	B01R2	1-03	H								1			H TO WHERE	179	
GND (08)	B01V2	1-04											11-4/8	TO HERE	179	
GND (09)		1														
GND (09)	A0482	1-01	H								1			H TO WHERE	179	
GND (09)	A04V2	1-02	H								2			H TO WHERE	179	
GND (09)	B04E2	1-03	H								1			H TO WHERE	179	
GND (09)	B04V2	1-04											11-4/8	TO HERE	179	
GND (10)		1														
GND (10)	A01N1	1-01	H								1			H TO WHERE	180	
GND (10)	A01P1	1-02	H								2			H TO WHERE	180	
GND (10)	A01R1	1-03	H								1			H TO WHERE	180	
GND (10)	A01S1	1-04	H								2			H TO WHERE	180	
GND (10)	A04S1	1-05	H								1			H TO WHERE	180	
GND (10)	A04R1	1-06	H								2			H TO WHERE	180	
GND (10)	A04P1	1-07	H								1			H TO WHERE	180	
GND (10)	A04N1	1-08											10-6/8	TO HERE	180	
GND (11)		1														
GND (11)	A0101	1-01	H								1			H TO WHERE	181	
GND (11)	B01E1	1-02	H								2			H TO WHERE	181	
GND (11)	B01E1	1-03	H								1			H TO WHERE	181	
GND (11)	B04D1	1-04											0-6/8	TO HERE	181	
GND (12)		1														
GND (12)	F01J2	1-01	H								2			H TO WHERE	182	
GND (12)	F02J2	1-02	H								1			H TO WHERE	182	
GND (12)	F03J2	1-03	H								2			H TO WHERE	182	
GND (12)	F04J2	1-04											0-2/8	TO HERE	182	
GND (12)		1														
HALT GRANT	C01R1	1-01	H								2			H TO WHERE	183	
HALT GRANT	C02R1	1-02	H								1			H TO WHERE	183	
HALT GRANT	C03R1	1-03	H								2			H TO WHERE	183	
HALT GRANT	C04R1	1-04											0-2/8	TO HERE	183	
HALT REQ		1														
HALT REQ	C01P1	1-01	H								2			H TO WHERE	184	
HALT REQ	C02P1	1-02	H								1			H TO WHERE	184	
HALT REQ	C03P1	1-03	H								2			H TO WHERE	184	
HALT REQ	C04P1	1-04											0-2/8	TO HERE	184	

[illegible][illegible]

DD11-C.PM
PIN NAME

HND200.V23(23) 05/24/74
A/P PIN ORDER PAY -
NAME PIN ORDER

Q DRAW RV PG Y X Z REMARKS

12-MAR-75 0143 PAGE 20
LENGTH EXCEPTIONS MUN
NUMBER

PR L	A01N2	1-01 *	H		2	P	HAND WIRE	196
PR L	A02N2	1-02 *			1		TO HERE	196
PR L	C01S1	1-03 *	H		2	P	HAND WIRE	196
PR L	C02S1	1-04 *	H		1	P	HAND WIRE	196
PR L	C03S1	1-05 *	H		2	P	HAND WIRE	196
PR L	C04S1	1-06 *			1		TO HERE	196
PR L	A03N2	1-07 *	H		2	P	HAND WIRE	196
PR L	A04N2	1-08 *					TO HERE	196
PR L		1					30-0/0	196
RESERVE BUS	A02A1	1-01	H		1	P	H TO WHERE	15
RESERVE BUS	B03A1	1-02					TO HERE	197
RESERVE BUS		1					2-0/0	197
SACK L	A01R2	1-01 *	H		2	P	HAND WIRE	198
SACK L	A02R2	1-02 *			1		TO HERE	198
SACK L	F01T2	1-03 *	H		2	P	HAND WIRE	198
SACK L	F02T2	1-04 *	H		1	P	HAND WIRE	198
SACK L	F03T2	1-05 *	H		2	P	HAND WIRE	198
SACK L	F04T2	1-06 *			1		TO HERE	198
SACK L	A03R2	1-07 *	H		2	P	HAND WIRE	198
SACK L	A04R2	1-08 *					TO HERE	198
SACK L		1					45-0/0	198
SSYN L	F01C1	1-01 *	H		2	P	HAND WIRE	199
SSYN L	F02C1	1-02 *	H		1	P	HAND WIRE	199
SSYN L	F03C1	1-03 *	H		2	P	HAND WIRE	199
SSYN L	F04C1	1-04 *					TO HERE	199
SSYN L		1					0-2/0	199
SSYN L	B01U1	1-01 *	H		2	P	HAND WIRE	200
SSYN L	B02U1	1-02 *			1		TO HERE	200
SSYN L	F01J1	1-03 *	H		2	P	HAND WIRE	200
SSYN L	F02J1	1-04 *	H		1	P	HAND WIRE	200
SSYN L	F03J1	1-05 *	H		2	P	HAND WIRE	200
SSYN L	F04J1	1-06 *			1		TO HERE	200
SSYN L	B03U1	1-07 *	H		2	P	HAND WIRE	200
SSYN L	B04U1	1-08 *					TO HERE	200
SSYN L		1					32-2/0	200
SSYN L JMP	F02J1	1-01			1			201
SSYN L JMP	F02C1	1-02						201
SSYN L JMP		1					4-4/0	201

