DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

SOFTWARE LIST

MADE BY [illegible] DATE 12/[illegible]	CHECKED [illegible] DATE	SECTION
ENG [illegible] DATE 12/[illegible]	PROD R. Dooley DATE 12/13/72	ISSUED SECT.

LEGEND
- D DOCUMENT
- DN DOCUMENT CHANGE NOTICE
- PA PAPER TAPE ASCII
- PB PAPER TAPE BINARY
- PM PAPER TAPE READ-IN-MODE

ITEM NO.	DWG NO./PART NO.	DESCRIPTION	RK11-C	RK11-D	RK11-E					KIT CHECK BY ____ DATE ____	INSTALLATION CHECK BY ____ DATE ____
1	MAINDEC-11-D5HA-D	RK11 disk static and data tests - write up	1	1	1						
2	MAINDEC-11-D5HA-[illegible]	RK11 static test binary tape	1	1	1						
3	MAINDEC-11-D5HA-PB[illegible]	RK11 data test binary tape	1	1	1						
4	MAINDEC-11-DZRKG-A-D	RK11 random exercisor write up	1	1	1						
5	MAINDEC-11-DZRKG-A-PB	RK11 random exercisor binary tape	1	1	1						

TITLE	ASSY. NO.	SIZE	CODE	NUMBER	REV.	ECO NO
MOVING HEAD DISK CONTROL RK11-D,E	SHEET 1 OF 1	A	SL	RK11-D-7		

DIST.

DEC FORM NO. DEC 16-(327) 1049 N471

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. 1972

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D		PARTS LIST		

REVISIONS			
CHK	CHANGE NO.	REV.	
LB	RK11D-00003	A	Beasley 12-4-72 T. ORR
BM	RK11D-00005	B	B. Bloodgett 4-3-73 T. ORR
LB	RK11D-00009	C	E. ALLain 9-26-73 T. ORR
BM	RK11D-00011	D	R. Evans 9-28-73 J. Chartier 11-12-73 ORR
LB	RK11D-00013	E	J. Monkowicz 2-5-74 T. ORR

DRN. E. Wilson	DATE 9/27/72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D.	DATE 10/11/72	TITLE ETCH/WIRE LIST (RK11-D)	
ENG.	DATE 10/11/72		
PROJ. ENG.	DATE 10/11/72		
PROD. R. Wood	DATE 11/2/72		
NEXT HIGHER ASSEMBLY C-1A-70[illegible]9142-0-0		SIZE K / CODE WL / NUMBER RK11-D-2	REV. E
SCALE			
SHEET 1 OF 1		DIST.	

DEC FORM NO.

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS		LENGTH	EXCEPTIONS	RUN NUMBER
+5V		A01A2		1-01 *	H	D02					2		P		HAND WIRE	1
+5V		A02A2		1-02 *	H	D02					1		P		HAND WIRE	1
+5V		A03A2		1-03 *	H	D02					2		P		HAND WIRE	1
+5V		A04A2		1-04 *	H	D02					1		P		HAND WIRE	1
+5V		A03H2		1-05 *	H	D02					2		P		HAND WIRE	1
+5V		A03J2		1-06 *	H	D02					1		P		HAND WIRE	1
+5V		A03K2		1-07 *	H	D02					2		P		HAND WIRE	1
+5V		A03L2		1-08 *	H	D02					1		P		HAND WIRE	1
+5V		A03M2		1-09 *	H	D02					2		P		HAND WIRE	1
+5V		B01A2		1-10 *	H	D02					1		P		HAND WIRE	1
+5V		B02A2		1-11 *	H	D02					2		P		HAND WIRE	1
+5V		B03B1		1-12 *	H	D02					1		P		HAND WIRE	1
+5V		B03A2		1-13 *	H	D02					2		P		HAND WIRE	1
+5V		B04A2		1-14 *	H	D02					1		P		HAND WIRE	1
+5V		C04A2		1-15 *	H	D01					2		P		HAND WIRE	1
+5V		C03A2		1-16 *	H	D01					1		P		HAND WIRE	1
+5V		C02A2		1-17 *	H	D01					2		P		HAND WIRE	1
+5V		C01A2		1-18 *	H	D01					1		P		HAND WIRE	1
+5V		D01A2		1-19 *	H	D01					2		P		HAND WIRE	1
+5V		D02A2		1-20 *	H	D01					1		P		HAND WIRE	1
+5V		D03A2		1-21 *	H	D01					2		P		HAND WIRE	1
+5V		D04A2		1-22 *	H	D01					1		P		HAND WIRE	1
+5V		E04A2		1-23 *	H	D01					2		P		HAND WIRE	1
+5V		E03A2		1-24 *	H	D01					1		P		HAND WIRE	1
+5V		E02A2		1-25 *	H	D01					2		P		HAND WIRE	1
+5V		E01A2		1-26 *	H	D01					1		P		HAND WIRE	1
+5V		F01A2		1-27 *	H	D01					2		P		HAND WIRE	1
+5V		F02A2		1-28 *	H	D01					1		P		HAND WIRE	1
+5V		F03A2		1-29 *	H	D01					2		P		HAND WIRE	1
+5V		F04A2		1-30 *	H	D01							P		H TO WHERE	1
+5V				1										89-0/8		1
0 TO NPR	H	E01R1		1-01 *	H	D01					1		P		HAND WIRE	2
0 TO NPR	H	E03R2		1-02 *	H	D01					2		P		HAND WIRE	2
0 TO NPR	H	E04R2		1-03 *	H	D01							P		H TO WHERE	2
0 TO NPR				1										6-2/8		2
ADD ACK	H	F01J1		1-01 *	H	D01					1		P		HAND WIRE	3
ADD ACK	H	F02J1		1-02 *	H	D01							P		H TO WHERE	3
ADD ACK				1										2-6/8		3
																4
B CNTRL RDY	H	B03R2		1-01 *		D02					1					4
B CNTRL RDY	H	E04S2		1-02 *	H	D01					2		P		HAND WIRE	4
B CNTRL RDY	H	E02S2		1-03 *	H	D01					1		P		HAND WIRE	4
B CNTRL RDY	H	E01S2		1-04 *	H	D01							P		H TO WHERE	4
B CNTRL RDY				1										16-4/8		4

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BG 4 IN	H	B01E2		1-01 *		D02					1				5
BG 4 IN	H	C01S2		1-02 *		D01									5
BG 4 IN				1									6-0/8		5
BG 4 OUT	H	B04E2		1-01 *		D02					1				6
BG 4 OUT	H	C01T2		1-02 *		D01									6
BG 4 OUT				1									6-6/8		6
BG 5 IN	H	B01B1		1-01 *		D02					1				7
BG 5 IN	H	C01P2		1-02 *		D01									7
BG 5 IN				1									6-2/8		7
BG 5 OUT	H	B04B1		1-01 *		D02					1				8
BG 5 OUT	H	C01R2		1-02 *		D01									8
BG 5 OUT				1									7-0/8		8
BG 6 IN	H	B01A1		1-01 *		D02					1				9
BG 6 IN	H	C01M2		1-02 *		D01									9
BG 6 IN				1									6-2/8		9
BG 6 OUT	H	B04A1		1-01 *		D02					1				10
BG 6 OUT	H	C01N2		1-02 *		D01									10
BG 6 OUT				1									6-6/8		10
BG 7 IN	H	A01V1		1-01 *		D02					1				11
BG 7 IN	H	C01K2		1-02 *		D01									11
BG 7 IN				1									6-4/8		11
BG 7 OUT	H	A04V1		1-01 *		D02					1				12
BG 7 OUT	H	C01L2		1-02 *		D01									12
BG 7 OUT				1									7-2/8		12
BG IN	H	C01V2		1-01 *	H	D01					1		P	HAND WIRE	13
BG IN	H	C04V2		1-02 *	H	D01							P	H TO WHERE	13
BG IN				1									3-6/8		13
BG OUT	H	C01U2		1-01 *	H	D01					1		P	HAND WIRE	14
BG OUT	H	C04U2		1-02 *	H	D01							P	H TO WHERE	14
BG OUT				1									3-6/8		14
BR OUT	L	C01J2		1-01 *	H	D01					1		P	HAND WIRE	15
BR OUT	L	C04J2		1-02 *	H	D01							P	H TO WHERE	15
BR OUT				1									3-6/8		15

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS A00	L	B01H2		1-01 *	H	D02					2		P	HAND WIRE	16
BUS A00	L	B04H2		1-02 *		D02					1			TO HERE	16
BUS A00	L	D04D1		1-03 *		D01									16
BUS A00				1									11-0/8		16
BUS A01	L	B01H1		1-01 *	H	D02					2		P	HAND WIRE	17
BUS A01	L	B04H1		1-02 *		D02					1			TO HERE	17
BUS A01	L	C04T2		1-03 *		D01									17
BUS A01				1									10-0/8		17
BUS A02	L	B01J2		1-01 *	H	D02					2		P	HAND WIRE	18
BUS A02	L	B04J2		1-02 *		D02					1			TO HERE	18
BUS A02	L	C04S1		1-03 *		D01									18
BUS A02				1									9-6/8		18
BUS A03	L	B01J1		1-01 *	H	D02					2		P	HAND WIRE	19
BUS A03	L	B04J1		1-02 *		D02					1			TO HERE	19
BUS A03	L	C04R1		1-03 *		D01									19
BUS A03				1									9-2/8		19
BUS A04	L	B01K2		1-01 *	H	D02					2		P	HAND WIRE	20
BUS A04	L	B04K2		1-02 *		D02					1			TO HERE	20
BUS A04	L	C04P1		1-03 *		D01									20
BUS A04				1									9-2/8		20
BUS A05	L	B01K1		1-01 *	H	D02					2		P	HAND WIRE	21
BUS A05	L	B04K1		1-02 *		D02					1			TO HERE	21
BUS A05	L	C04R2		1-03 *		D01									21
BUS A05				1									9-4/8		21
BUS A06	L	B01L2		1-01 *	H	D02					2		P	HAND WIRE	22
BUS A06	L	B04L2		1-02 *		D02					1			TO HERE	22
BUS A06	L	C04M2		1-03 *		D01									22
BUS A06				1									8-6/8		22
BUS A07	L	B01L1		1-01 *	H	D02					2		P	HAND WIRE	23
BUS A07	L	B04L1		1-02 *		D02					1			TO HERE	23
BUS A07	L	C04L1		1-03 *		D01									23
BUS A07				1									8-4/8		23
BUS A08	L	B01M2		1-01 *	H	D02					2		P	HAND WIRE	24
BUS A08	L	B04M2		1-02 *		D02					1			TO HERE	24
BUS A08	L	C04K1		1-03 *		D01									24
BUS A08				1									8-4/8		24

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS A09	L	B01M1		1-01 *	H		D02				2		P	HAND WIRE	25
BUS A09	L	B04M1		1-02 *			D02				1			TO HERE	25
BUS A09	L	C04L2		1-03 *			D02								25
BUS A09				1									8-6/8		25
BUS A10	L	B01N2		1-01 *	H		D02				2		P	HAND WIRE	26
BUS A10	L	B04N2		1-02 *			D02				1			TO HERE	26
BUS A10	L	C04H2		1-03 *			D01								26
BUS A10				1									8-0/8		26
BUS A11	L	B01N1		1-01 *	H		D02				2		P	HAND WIRE	27
BUS A11	L	B04N1		1-02 *			D02				1			TO HERE	27
BUS A11	L	D04F1		1-03 *			D01								27
BUS A11				1									10-4/8		27
BUS A12	L	B01P2		1-01 *	H		D02				2		P	HAND WIRE	28
BUS A12	L	B04P2		1-02 *			D02				1			TO HERE	28
BUS A12	L	C04F1		1-03 *			D01								28
BUS A12				1									7-6/8		28
BUS A13	L	B01P1		1-01 *	H		D02				2		P	HAND WIRE	29
BUS A13	L	B04P1		1-02 *			D02				1			TO HERE	29
BUS A13	L	C04F2		1-03 *			D01								29
BUS A13				1									8-0/8		29
BUS A14	L	B01R2		1-01 *	H		D02				1		P	HAND WIRE	30
BUS A14	L	B04R2		1-02 *			D02				2			TO HERE	30
BUS A14	L	C04B1		1-03 *			D01								30
BUS A14				1									7-2/8		30
BUS A15	L	B01R1		1-01 *	H		D02				2		P	HAND WIRE	31
BUS A15	L	B04R1		1-02 *			D02				1			TO HERE	31
BUS A15	L	D04P1		1-03 *			D01								31
BUS A15				1									11-2/8		31
BUS A16	L	B01S2	B04S2	1-01 *	H		D02				1		P	HAND WIRE	32
BUS A16	L	B04S2	C04D1	1-02 *			D02				2			TO HERE	32
BUS A16	L	C04D1	C01D1	1-03 *	H		D01				1		P	HAND WIRE	32
BUS A16	L	C01D1		1-04 *			D01							TO HERE	32
BUS A16				1									11-0/8		32
BUS A17	L	B01S1	B04S1	1-01 *	H		D02				1		P	HAND WIRE	33
BUS A17	L	B04S1	C04E1	1-02 *			D02				2			TO HERE	33
BUS A17	L	C04E1	C01E1	1-03 *	H		D01				1		P	HAND WIRE	33
BUS A17	L	C01E1		1-04 *			D01							TO HERE	33
BUS A17				1									11-0/8		33

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS AC LO	L	D02F1		1-01 *	1						1				34
BUS AC LO	L	B01F1		1-02 *	H						2		P	HAND WIRE	34
BUS AC LO	L	B04F1		1-03 *							1			TO HERE	34
BUS AC LO	L	A03R2		1-04 *											34
BUS AC LO				1									15-6/8		34
BUS BBSY	L	A01P2		1-01 *	H		D02				2		P	HAND WIRE	35
BUS BBSY	L	A04P2		1-02 *			D02				1			TO HERE	35
BUS BBSY	L	E04P2		1-03 *			D01								35
BUS BBSY				1									16-4/8		35
BUS BR 4	L	B04D2		1-01 *	H		D02				2		P	HAND WIRE	36
BUS BR 4	L	B01D2		1-02 *			D02				1			TO HERE	36
BUS BR 4	L	C01H2		1-03 *			D01								36
BUS BR 4				1									9-0/8		36
BUS BR 5	L	B04C1		1-01 *	H						2		P	HAND WIRE	37
BUS BR 5	L	B01C1		1-02 *			D02				1			TO HERE	37
BUS BR 5	L	C01F2		1-03 *			D01								37
BUS BR 5				1									9-2/8		37
BUS BR 6	L	A04U2		1-01 *	H		D02				2		P	HAND WIRE	38
BUS BR 6	L	A01U2		1-02 *			D02				1			TO HERE	38
BUS BR 6	L	C01E2		1-03 *			D01								38
BUS BR 6				1									9-6/8		38
BUS BR 7	L	A04T2		1-01 *	H		D02				2		P	HAND WIRE	39
BUS BR 7	L	A01T2		1-02 *			D02				1			TO HERE	39
BUS BR 7	L	C01D2		1-03 *			D01								39
BUS BR 7				1									9-6/8		39
BUS C0	L	B01U2		1-01 *	H		D02				2		P	HAND WIRE	40
BUS C0	L	B04U2		1-02 *			D02				1			TO HERE	40
BUS C0	L	D04C1		1-03 *			D01								40
BUS C0				1									9-6/8		40
BUS C1	L	B01T2		1-01 *	H		D02				2		P	HAND WIRE	41
BUS C1	L	B04T2		1-02 *			D02				1			TO HERE	41
BUS C1	L	E04R1		1-03 *			D01								41
BUS C1				1									13-6/8		41
BUS D EN	H	C04U1			H		D01						P	1-PIN RUN	42
BUS D00	L	A01C1		1-01 *	H		D02				2		P	HAND WIRE	43
BUS D00	L	A04C1		1-02 *			D02				1			TO HERE	43
BUS D00	L	C04D2		1-03 *			D01								43
D00				1									11-6/8		43

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS D00 (1)	H	D01D2		1-01 *	H		D01				1		P	HAND WIRE	44
BUS D00 (1)	H	D03D2		1-02 *	H		D01				2		P	HAND WIRE	44
BUS D00 (1)	H	D04D2		1-03 *	H		D01						P	H TO WHERE	44
BUS D00 (1)				1									6-0/8		44
BUS D01	L	A01D2		1-01 *	H		D02				2		P	HAND WIRE	45
BUS D01	L	A04D2		1-02 *			D02				1			TO HERE	45
BUS D01	L	C04C1		1-03 *			D01								45
BUS D01				1									11-4/8		45
BUS D01 (1)	H	D01E2		1-01 *	H		D01				1		P	HAND WIRE	46
BUS D01 (1)	H	D03E2		1-02 *	H		D01				2		P	HAND WIRE	46
BUS D01 (1)	H	D04E2		1-03 *	H		D01						P	H TO WHERE	46
BUS D01 (1)				1									6-0/8		46
BUS D02	L	A01D1		1-01 *	H		D02				2		P	HAND WIRE	47
BUS D02	L	A04D1		1-02 *			D02				1			TO HERE	47
BUS D02	L	C04E2		1-03 *			D01								47
BUS D02				1									11-4/8		47
BUS D02 (1)	H	D01F2		1-01 *	H		D01				1		P	HAND WIRE	48
BUS D02 (1)	H	D03F2		1-02 *	H		D01				2		P	HAND WIRE	48
BUS D02 (1)	H	D04F2		1-03 *	H		D01						P	H TO WHERE	48
BUS D02 (1)				1									6-0/8		48
BUS D03	L	A01E2		1-01 *	H		D02				2		P	HAND WIRE	49
BUS D03	L	A04E2		1-02 *			D02				1			TO HERE	49
BUS D03	L	D04E1		1-03 *			D01								49
BUS D03				1									14-2/8		49
BUS D03 (1)	H	D01H2		1-01 *	H		D01				1		P	HAND WIRE	50
BUS D03 (1)	H	D03H2		1-02 *	H		D01				2		P	HAND WIRE	50
BUS D03 (1)	H	D04H2		1-03 *	H		D01						P	H TO WHERE	50
BUS D03 (1)				1									6-0/8		50
BUS D04	L	A01E1		1-01 *	H		D02				2		P	HAND WIRE	51
BUS D04	L	A04E1		1-02 *			D02				1			TO HERE	51
BUS D04	L	D04R1		1-03 *			D01								51
BUS D04				1									15-2/8		51
BUS D04 (1)	H	D01J2		1-01 *	H		D01				1		P	HAND WIRE	52
BUS D04 (1)	H	D03J2		1-02 *	H		D01				2		P	HAND WIRE	52
BUS D04 (1)	H	D04J2		1-03 *	H		D01						P	H TO WHERE	52
BUS D04 (1)				1									6-0/8		52

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS D05	L	A01F2		1-01 *	H		D02				2		P	HAND WIRE	53
BUS D05	L	A04F2		1-02 *			D02				1			TO HERE	53
BUS D05	L	C04H1		1-03 *			D01								53
BUS D05				1									11-6/8		53
BUS D05 (1)	H	D01K2		1-01 *	H		D01				1		P	HAND WIRE	54
BUS D05 (1)	H	D03K2		1-02 *	H		D01				2		P	HAND WIRE	54
BUS D05 (1)	H	D04K2		1-03 *	H		D01						P	H TO WHERE	54
BUS D05 (1)				1									6-0/8		54
BUS D06	L	A01F1		1-01 *	H		D02				2		P	HAND WIRE	55
BUS D06	L	A04F1		1-02 *			D02				1			TO HERE	55
BUS D06	L	C04K2		1-03 *			D01								55
BUS D06				1									11-6/8		55
BUS D06 (1)	H	D01L2		1-01 *	H		D01				1		P	HAND WIRE	56
BUS D06 (1)	H	D03L2		1-02 *	H		D01				2		P	HAND WIRE	56
BUS D06 (1)	H	D04L2		1-03 *	H		D01						P	H TO WHERE	56
BUS D06 (1)				1									6-0/8		56
BUS D07	L	A01H2		1-01 *	H		D02				2		P	HAND WIRE	57
BUS D07	L	A04H2		1-02 *			D02				1			TO HERE	57
BUS D07	L	C04J1		1-03 *			D01								57
BUS D07				1									11-4/8		57
BUS D07 (1)	H	D01M2		1-01 *	H		D01				1		P	HAND WIRE	58
BUS D07 (1)	H	D03M2		1-02 *	H		D01				2		P	HAND WIRE	58
BUS D07 (1)	H	D04M2		1-03 *	H		D01						P	H TO WHERE	58
BUS D07 (1)				1									6-0/8		58
BUS D08	L	A01H1		1-01 *	H		D02				2		P	HAND WIRE	59
BUS D08	L	A04H1		1-02 *			D02				1			TO HERE	59
BUS D08	L	C04N2		1-03 *			D01								59
BUS D08				1									12-2/8		59
BUS D08 (1)	H	D01N2		1-01 *	H		D01				1		P	HAND WIRE	60
BUS D08 (1)	H	D03N2		1-02 *	H		D01				2		P	HAND WIRE	60
BUS D08 (1)	H	D04N2		1-03 *	H		D01						P	H TO WHERE	60
BUS D08 (1)				1									6-0/8		60
BUS D09	L	A01J2		1-01 *	H		D02				2		P	HAND WIRE	61
BUS D09	L	A04J2		1-02 *			D02				1			TO HERE	61
BUS D09	L	C04M1		1-03 *			D01								61
BUS D09				1									12-0/8		61

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	C	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS D09 (1)	H	D01P2		1-01 *	H	D01					1		P	HAND WIRE	62
BUS D09 (1)	H	D03P2		1-02 *	H	D01					2		P	HAND WIRE	62
BUS D09 (1)	H	D04P2		1-03 *	H	D01							P	H TO WHERE	62
BUS D09 (1)				1										6-0/8	62
BUS D10	L	A01J1		1-01 *	H	D02					2		P	HAND WIRE	63
BUS D10	L	A04J1		1-02 *		D02					1			TO HERE	63
BUS D10	L	C04P2		1-03 *		D01									63
BUS D10				1										12-0/8	63
BUS D10 (1)	H	D01R2		1-01 *	H	D01					1		P	HAND WIRE	64
BUS D10 (1)	H	D03R2		1-02 *	H	D01					2		P	HAND WIRE	64
BUS D10 (1)	H	D04R2		1-03 *	H	D01							P	H TO WHERE	64
BUS D10 (1)				1										6-0/8	64
BUS D11	L	A01K2		1-01 *	H	D02					2		P	HAND WIRE	65
BUS D11	L	A04K2		1-02 *		D02					1			TO HERE	65
BUS D11	L	C04N1		1-03 *		D01									65
BUS D11				1										11-6/8	65
BUS D11 (1)	H	D01S2		1-01 *	H	D01					1		P	HAND WIRE	66
BUS D11 (1)	H	D03S2		1-02 *	H	D01					2		P	HAND WIRE	66
BUS D11 (1)	H	D04S2		1-03 *	H	D01							P	H TO WHERE	66
BUS D11 (1)				1										6-0/8	66
BUS D12	L	A01K1		1-01 *	H	D02					2		P	HAND WIRE	67
BUS D12	L	A04K1		1-02 *		D02					1			TO HERE	67
BUS D12	L	D04A1		1-03 *		D01									67
BUS D12				1										13-0/8	67
BUS D12 (1)	H	D01T2		1-01 *	H	D01					1		P	HAND WIRE	68
BUS D12 (1)	H	D03T2		1-02 *	H	D01					2		P	HAND WIRE	68
BUS D12 (1)	H	D04T2		1-03 *	H	D01							P	H TO WHERE	68
BUS D12 (1)				1										6-0/8	68
BUS D13	L	A01L2		1-01 *	H	D02					2		P	HAND WIRE	69
BUS D13	L	A04L2		1-02 *		D02					1			TO HERE	69
BUS D13	L	C04V1		1-03 *		D01									69
BUS D13				1										12-4/8	69
BUS D13 (1)	H	D01U2		1-01 *	H	D01					1		P	HAND WIRE	70
BUS D13 (1)	H	D03U2		1-02 *	H	D01					2		P	HAND WIRE	70
BUS D13 (1)	H	D04U2		1-03 *	H	D01							P	H TO WHERE	70
BUS D13 (1)				1										6-0/8	70

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS D14	L	A01L1		1-01 *	H	D02					2		P	HAND WIRE	71
BUS D14	L	A04L1		1-02 *		D02					1			TO HERE	71
BUS D14	L	C04S2		1-03 *		D01									71
BUS D14				1										12-0/8	71
BUS D14 (1)	H	D01V2		1-01 *	H	D01					1		P	HAND WIRE	72
BUS D14 (1)	H	D03V2		1-02 *	H	D01					2		P	HAND WIRE	72
BUS D14 (1)	H	D04V2		1-03 *	H	D01							P	H TO WHERE	72
BUS D14 (1)				1										6-0/8	72
BUS D15	L	A01M2		1-01 *	H	D02					2		P	HAND WIRE	73
BUS D15	L	A04M2		1-02 *		D02					1			TO HERE	73
BUS D15	L	D04B1		1-03 *		D01									73
BUS D15				1										13-0/8	73
BUS D15 (1)	H	D01V1		1-01 *	H	D01					1		P	HAND WIRE	74
BUS D15 (1)	H	D03V1		1-02 *	H	D01					2		P	HAND WIRE	74
BUS D15 (1)	H	D04V1		1-03 *	H	D01							P	H TO WHERE	74
BUS D15 (1)				1										6-0/8	74
BUS D16	L	A01M1	A04M1	1-01 *	H	D02					2		P	HAND WIRE	75
BUS D16	L	A04M1		1-02 *		D02					1			TO HERE	75
BUS D16	L	C03C1		1-03 *											75
BUS D16				1										10-4/8	75
BUS D17	L	A01N2	A04N2	1-01 *	H	D02					2		P	HAND WIRE	76
BUS D17	L	A04N2		1-02 *		D02					1			TO HERE	76
BUS D17	L	C03B1		1-03 *											76
BUS D17				1										10-4/8	76
BUS DC LO	L	A03S2		1-01 *		D02					1				77
BUS DC LO	L	B04F2		1-02 *							2				77
BUS DC LO	L	B01F2		1-03 *		D02					1				77
BUS DC LO	L	C01B1		1-04 *		D01									77
BUS DC LO				1										12-4/8	77
BUS INIT	L	A04A1		1-01 *	H	D02					2		P	HAND WIRE	78
BUS INIT	L	A01A1		1-02 *		D02					1			TO HERE	78
BUS INIT	L	C01C1		1-03 *											78
BUS INIT				1										11-4/8	78
BUS INTR	L	A01B1		1-01 *	H	D02					2		P	HAND WIRE	79
BUS INTR	L	A04B1		1-02 *		D02					1			TO HERE	79
BUS INTR	L	D04S1		1-03 *		D01									79
BUS INTR				1										15-6/8	79

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW RV PG Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS MSYN	L	B01V1		1-01 *	H	D02		2	P		HAND WIRE	80
BUS MSYN	L	B04V1		1-02 *		D02		1			TO HERE	80
BUS MSYN	L	E04T2		1-03 *		D01						80
BUS MSYN				1						13-6/8		80
BUS NPG IN	H	A01U1		1-01 *		D02		1				81
BUS NPG IN	H	E04D1		1-02 *		D01						81
BUS NPG IN				1						12-0/8		81
BUS NPG OUT	H	A04U1		1-01 *		D02		1				82
BUS NPG OUT	H	E04U1		1-02 *		D01						82
BUS NPG OUT				1						12-6/8		82
BUS NPR	L	A01S2		1-01 *	H	D02		2	P		HAND WIRE	83
BUS NPR	L	A04S2		1-02 *		D02		1			TO HERE	83
BUS NPR	L	E04S1		1-03 *		D01						83
BUS NPR				1						16-6/8		83
BUS SACK	L	A01R2		1-01 *	H	D02		2	P		HAND WIRE	84
BUS SACK	L	A04R2		1-02 *		D02		1			TO HERE	84
BUS SACK	L	E04C1		1-03 *		D01						84
BUS SACK				1						15-4/8		84
BUS SSYN	L	B01U1		1-01 *	H	D02		2	P		HAND WIRE	85
BUS SSYN	L	B04U1		1-02 *		D02		1			TO HERE	85
BUS SSYN	L	E04P1		1-03 *		D01						85
BUS SSYN				1						13-2/8		85
CLK	H	C02N2		1-01 *				1				86
CLK	H	E01E1		1-02 *	H	D01		2	P		HAND WIRE	86
CLK	H	E03D2		1-03 *	H	D01			P		H TO WHERE	86
CLK				1						10-6/8		86
CLR MSR	L	F01F2		1-01 *	H	D01		1	P		HAND WIRE	87
CLR MSR	L	F02F2		1-02 *	H	D01			P		H TO WHERE	87
CLR MSR				1						2-6/8		87
COUNT SA	H	C01M1		1-01 *	H	D01		1	P		HAND WIRE	88
COUNT SA	H	C03M1		1-02 *	H	D01			P		H TO WHERE	88
COUNT SA				1						3-2/8		88
CYL OVF	L	C02R2		1-01 *	H	D01		1	P		HAND WIRE	89
CYL OVF	L	C03R2		1-02 *	H	D01			P		H TO WHERE	89
CYL OVF				1						2-6/8		89

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW RV PG Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
DATA (1)	H	B03H1		1-01 *		D02		1				90
DATA (1)	H	C03S1		1-02 *	H	D01		2	P		HAND WIRE	90
DATA (1)	H	C02S1		1-03 *	H	D01		1	P		HAND WIRE	90
DATA (1)	H	C01S1		1-04 *	H	D01			P		H TO WHERE	90
DATA (1)				1						11-2/8		90
DATA STR 1	L	E04N2			H	D01			P		1-PIN RUN	91
DATA STR 2	L	E03L2		1-01 *	H	D01		1	P		HAND WIRE	92
DATA STR 2	L	E04L2		1-02 *	H	D01			P		H TO WHERE	92
DATA STR 2				1						2-6/8		92
DISK CLK	L	F01V1		1-01 *	H	D01		1	P		HAND WIRE	93
DISK CLK	L	F02V1		1-02 *	H	D01			P		H TO WHERE	93
DISK CLK				1						2-6/8		93
DLT (1)	H	E01P1		1-01 *	H	D01		1	P		HAND WIRE	94
DLT (1)	H	E03P2		1-02 *	H	D01			P		H TO WHERE	94
DLT (1)				1						3-4/8		94
DPL (1)	H	F01D1		1-01 *	H	D01		1	P		HAND WIRE	95
DPL (1)	H	F02D1		1-02 *	H	D01			P		H TO WHERE	95
DPL (1)				1						2-6/8		95
DR BUS ADD ACK	L	A02R2		1-01 *		D02		1				96
DR BUS ADD ACK	L	D02B1		1-02 *		D01						96
DR BUS ADD ACK				1						9-0/8		96
DR BUS CYL ADD 0	L	A02K1		1-01 *		D02		1				97
DR BUS CYL ADD 0	L	C02K1		1-02 *		D01						97
DR BUS CYL ADD 0				1						7-4/8		97
DR BUS CYL ADD 1	L	A02D1		1-01 *		D02		1				98
DR BUS CYL ADD 1	L	C02D1		1-02 *		D01						98
DR BUS CYL ADD 1				1						7-4/8		98
DR BUS CYL ADD 2	L	A02L1		1-01 *		D02		1				99
DR BUS CYL ADD 2	L	C02L1		1-02 *		D01						99
DR BUS CYL ADD 2				1						7-4/8		99
DR BUS CYL ADD 3	L	A02C1		1-01 *		D02		1				100
DR BUS CYL ADD 3	L	C02C1		1-02 *		D01						100
DR BUS CYL ADD 3				1						7-4/8		100
DR BUS CYL ADD 4	L	A02F1		1-01 *		D02		1				101
DR BUS CYL ADD 4	L	C02F1		1-02 *		D01						101
DR BUS CYL ADD 4				1						7-4/8		101

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
DR BUS CYL ADD 5	L	A02J1		1-01 *		D02					1				102
DR BUS CYL ADD 5	L	C02J1		1-02 *		D01									102
DR BUS CYL ADD 5				1									7-4/8		102
DR BUS CYL ADD 6	L	A02E1		1-01 *		D02					1				103
DR BUS CYL ADD 6	L	C02E1		1-02 *		D01									103
DR BUS CYL ADD 6				1									7-4/8		103
DR BUS CYL ADD 7	L	A02H1		1-01 *		D02					1				104
DR BUS CYL ADD 7	L	C02H1		1-02 *		D01									104
DR BUS CYL ADD 7				1									7-4/8		104
DR BUS CYL ADD 8	L	A02B1		1-01 *		D02					1				105
DR BUS CYL ADD 8	L	C02B1		1-02 *		D01									105
DR BUS CYL ADD 8				1									7-4/8		105
DR BUS DC LO	L	C01B2		1-01 *	2						2				106
DR BUS DC LO	L	B02F2		1-02 *		D02					1				106
DR BUS DC LO	L	D02F2		1-03 *		D01									106
DR BUS DC LO				1									12-0/8		106
DR BUS DRY	L	B02N1		1-01 *		D02					1				107
DR BUS DRY	L	D02N1		1-02 *		D01									107
DR BUS DRY				1									7-4/8		107
DR BUS INDX PLS	L	B02M1		1-01 *		D02					1				108
DR BUS INDX PLS	L	D02M1		1-02 *		D01									108
DR BUS INDX PLS				1									7-4/8		108
DR BUS LOG ADD INT	L	A02T2		1-01 *		D02					1				109
DR BUS LOG ADD INT	L	D02D1		1-02 *		D01									109
DR BUS LOG ADD INT				1									9-0/8		109
DR BUS R/W/S RDY	L	A02H2		1-01 *		D02					1				110
DR BUS R/W/S RDY	L	C02H2		1-02 *		D01									110
DR BUS R/W/S RDY				1									7-4/8		110
DR BUS RD CLK	L	B02S1		1-01 *		D02					1				111
DR BUS RD CLK	L	D02S1		1-02 *		D01									111
DR BUS RD CLK				1									7-4/8		111
DR BUS RD DATA	L	B02S2		1-01 *		D02					1				112
DR BUS RD DATA	L	D02S2		1-02 *		D01									112
DR BUS RD DATA				1									7-4/8		112

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
DR BUS RD GATE	L	B02R1		1-01 *		D02					1				113
DR BUS RD GATE	L	D02R1		1-02 *		D01									113
DR BUS RD GATE				1									7-4/8		113
DR BUS RESTORE	L	A02M1		1-01 *		D02					1				114
DR BUS RESTORE	L	C02M1		1-02 *		D01									114
DR BUS RESTORE				1									7-4/8		114
DR BUS RK05	L	B02P2		1-01 *		D02					1				115
DR BUS RK05	L	D02P2		1-02 *		D01									115
DR BUS RK05				1									7-4/8		115
DR BUS SEC CNTR 0	L	B02L1		1-01 *		D02					1				116
DR BUS SEC CNTR 0	L	D02L1		1-02 *		D01									116
DR BUS SEC CNTR 0				1									7-4/8		116
DR BUS SEC CNTR 1	L	A02P2		1-01 *		D02					1				117
DR BUS SEC CNTR 1	L	D02A1		1-02 *		D01									117
DR BUS SEC CNTR 1				1									9-0/8		117
DR BUS SEC CNTR 2	L	B02K2		1-01 *		D02					1				118
DR BUS SEC CNTR 2	L	D02K2		1-02 *		D01									118
DR BUS SEC CNTR 2				1									7-4/8		118
DR BUS SEC CNTR 3	L	B02J1		1-01 *		D02					1				119
DR BUS SEC CNTR 3	L	D02J1		1-02 *		D01									119
DR BUS SEC CNTR 3				1									7-4/8		119
DR BUS SEC PLS	L	B02N2		1-01 *		D02					1				120
DR BUS SEC PLS	L	D02N2		1-02 *		D01									120
DR BUS SEC PLS				1									7-4/8		120
DR BUS SEL DR 0	L	A02J2		1-01 *		D02					1				121
DR BUS SEL DR 0	L	C02J2		1-02 *		D01									121
DR BUS SEL DR 0				1									7-4/8		121
DR BUS SEL DR 1	L	A02K2		1-01 *		D02					1				122
DR BUS SEL DR 1	L	C02K2		1-02 *		D01									122
DR BUS SEL DR 1				1									7-4/8		122
DR BUS SEL DR 2	L	A02L2		1-01 *		D02					1				123
DR BUS SEL DR 2	L	C02L2		1-02 *		D01									123
DR BUS SEL DR 2				1									7-4/8		123
DR BUS SEL UPPER HD	L	B02M2		1-01 *		D02					1				124
DR BUS SEL UPPER HD	L	D02M2		1-02 *		D01									124
DR BUS SEL UPPER HD				1									7-4/8		124

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
DR BUS SIN	L	A02S2		1-01 *			D02				1				125
DR BUS SIN	L	D02C1		1-02 *											125
DR BUS SIN				1									9-0/8		125
DR BUS STROBE	L	B02H1		1-01 *			D02				1				126
DR BUS STROBE	L	D02H1		1-02 *			D01								126
DR BUS STROBE				1									7-4/8		126
DR BUS WT CHK	L	B02K1		1-01 *			D02				1				127
DR BUS WT CHK	L	D02K1		1-02 *			D01								127
DR BUS WT CHK				1									7-4/8		127
DR BUS WT DATA+CLK	L	A02F2		1-01 *			D02				1				128
DR BUS WT DATA+CLK	L	C02F2		1-02 *			D01								128
DR BUS WT DATA+CLK				1									7-4/8		128
DR BUS WT GATE	L	B02L2		1-01 *			D02				1				129
DR BUS WT GATE	L	D02L2		1-02 *			D01								129
DR BUS WT GATE				1									7-4/8		129
DR BUS WT PRCT STATUS	L	B02P1		1-01 *			D02				1				130
DR BUS WT PRCT STATUS	L	D02P1		1-02 *			D01								130
DR BUS WT PRCT STATUS				1									7-4/8		130
DR BUS WT PROTECT	L	B02R2		1-01 *			D02				1				131
DR BUS WT PROTECT	L	D02R2		1-02 *			D01								131
DR BUS WT PROTECT				1									7-4/8		131
DRE (1)	H	F01R1		1-01 *	H		D01				1		P	HAND WIRE	132
DRE (1)	H	F02R1		1-02 *	H		D01						P	H TO WHERE	132
DRE (1)				1									2-6/8		132
DRIVE OK	H	F01N1		1-01 *	H		D01				1		P	HAND WIRE	133
DRIVE OK	H	F02N1		1-02 *	H		D01						P	H TO WHERE	133
DRIVE OK				1									2-6/8		133
DRIVE RESET	L	F01K2		1-01 *	H		D01				1		P	HAND WIRE	134
DRIVE RESET	L	F02K2		1-02 *	H		D01						P	H TO WHERE	134
DRIVE RESET				1									2-6/8		134
DRIVE UNSAFE	H	F01B1		1-01 *	H		D01				1		P	HAND WIRE	135
DRIVE UNSAFE	H	F02B1		1-02 *	H		D01						P	H TO WHERE	135
DRIVE UNSAFE				1									2-6/8		135
DRY	H	E01L2		1-01 *	H		D01				1		P	HAND WIRE	136
DRY	H	E02L2		1-02 *	H		D01						P	H TO WHERE	136
DRY				1									2-6/8		136

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
END OF SYNC	L	F01R2		1-01 *	H		D01				1		P	HAND WIRE	137
END OF SYNC	L	F02R2		1-02 *	H		D01						P	H TO WHERE	137
END OF SYNC				1									2-6/8		137
EX BIT	H	F01V2		1-01 *	H		D01				1		P	HAND WIRE	138
EX BIT	H	F02V2		1-02 *	H		D01						P	H TO WHERE	138
EX BIT				1									2-6/8		138
FILE DONE	H	C01F1		1-01 *	H						1		P	HAND WIRE	139
FILE DONE	H	C03F1		1-02 *	H								P	H TO WHERE	139
FILE DONE				1									3-2/8		139
FILE EMPTY	H	B03E1		1-01 *			D02				1				140
FILE EMPTY	H	C03N2		1-02 *											140
FILE EMPTY				1									6-0/8		140
FILE FULL	H	B03M1		1-01 *			D02				1				141
FILE FULL	H	C03M2		1-02 *											141
FILE FULL				1									5-0/8		141
FIRST SEEK DONE	H	E01U2		1-01 *	H		D01				1		P	HAND WIRE	142
FIRST SEEK DONE	H	E02U2		1-02 *	H		D01						P	H TO WHERE	142
FIRST SEEK DONE				1									2-6/8		142
FMT (1)	H	C01N1		1-01 *	H		D01				2		P	HAND WIRE	143
FMT (1)	H	C02N1		1-02 *	H		D01				1		P	HAND WIRE	143
FMT (1)	H	C03N1		1-03 *	H		D01						P	H TO WHERE	143
FMT (1)				1									5-4/8		143
GATE DATA TO BUS D	L	C02A1		1-01 *	H		D01				2		P	HAND WIRE	144
GATE DATA TO BUS D	L	C03A1		1-02 *	H		D01				1		P	HAND WIRE	144
GATE DATA TO BUS D	L	C04A1		1-03 *	H		D01						P	H TO WHERE	144
GATE DATA TO BUS D				1									5-4/8		144
GEN CLR	L	E01R2	E02R2	1-01 *	H		D01				2		P	HAND WIRE	145
GEN CLR	L	E02R2		1-02 *			D01				1			TO HERE	145
GEN CLR	L	C03P2		1-03 *											145
GEN CLR				1									10-6/8		145
GEN DATA	H	F01E2		1-01 *	H		D01				1		P	HAND WIRE	146
GEN DATA	H	F02E2		1-02 *	H		D01						P	H TO WHERE	146
GEN DATA				1									2-6/8		146

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
GND 01		C01A1	C01C2	1-01 *	1						1				147
GND 01		C01C2		1-02 *	H	D01					2		P	HAND WIRE	147
GND 01		A01B2		1-03 *	H			D02			1		P	HAND WIRE	147
GND 01		A01C2		1-04 *	H			D02			2		P	HAND WIRE	147
GND 01		A01N1		1-05 *	H			D02			1		P	HAND WIRE	147
GND 01		A01P1		1-06 *	H			D02			2		P	HAND WIRE	147
GND 01		A01R1		1-07 *	H			D02			1		P	HAND WIRE	147
GND 01		A01S1		1-08 *	H			D02			2		P	HAND WIRE	147
GND 01		A01T1		1-09 *	H			D02			1		P	HAND WIRE	147
GND 01		A01V2		1-10 *	H			D02			2		P	HAND WIRE	147
GND 01		B01B2		1-11 *	H			D02			1		P	HAND WIRE	147
GND 01		B01C2		1-12 *	H			D02			2		P	HAND WIRE	147
GND 01		B01D1		1-13 *	H			D02			1		P	HAND WIRE	147
GND 01		B01E1		1-14 *	H			D02			2		P	HAND WIRE	147
GND 01		B01T1		1-15 *	H			D02			1		P	HAND WIRE	147
GND 01		B01V2		1-16 *	H			D02			2		P	HAND WIRE	147
GND 01		C01T1		1-17 *	H			D01			1		P	HAND WIRE	147
GND 01		D01C2		1-18 *	H			D01			2		P	HAND WIRE	147
GND 01		D01T1		1-19 *	H			D01			1		P	HAND WIRE	147
GND 01		E01C2		1-20 *	H			D01			2		P	HAND WIRE	147
GND 01		E01T1		1-21 *	H			D01			1		P	HAND WIRE	147
GND 01		F01C2		1-22 *	H			D01			2		P	HAND WIRE	147
GND 01		F01T1		1-23 *	H			D01					P	H TO WHERE	147
GND 01				1									73-2/8		147
GND 02		A02B2		1-01 *	H			D02			2		P	HAND WIRE	148
GND 02		A02C2		1-02 *	H			D02			1		P	HAND WIRE	148
GND 02		A02N1		1-03 *	H			D02			2		P	HAND WIRE	148
GND 02		A02P1		1-04 *	H			D02			1		P	HAND WIRE	148
GND 02		A02R1		1-05 *	H			D02			2		P	HAND WIRE	148
GND 02		A02S1		1-06 *	H			D02			1		P	HAND WIRE	148
GND 02		A02T1		1-07 *	H			D02			2		P	HAND WIRE	148
GND 02		A02V2		1-08 *	H			D02			1		P	HAND WIRE	148
GND 02		A02U1		1-09 *	H						2		P	HAND WIRE	148
GND 02		B02B2		1-10 *	H			D02			1		P	HAND WIRE	148
GND 02		B02C2		1-11 *	H			D02			2		P	HAND WIRE	148
GND 02		B02D1		1-12 *	H			D02			1		P	HAND WIRE	148
GND 02		B02E1		1-13 *	H			D02			2		P	HAND WIRE	148
GND 02		B02T1		1-14 *	H			D02			1		P	HAND WIRE	148
GND 02		B02V2		1-15 *	H			D02			2		P	HAND WIRE	148
GND 02		C02C2		1-16 *	H			D01			1		P	HAND WIRE	148
GND 02		C02T1		1-17 *	H			D01			2		P	HAND WIRE	148
GND 02		D02C2		1-18 *	H			D01			1		P	HAND WIRE	148
GND 02		D02T1		1-19 *	H			D01			2		P	HAND WIRE	148
GND 02		E02C2		1-20 *	H			D01			1		P	HAND WIRE	148
GND 02		E02T1		1-21 *	H			D01			2		P	HAND WIRE	148
GND 02		F02C2		1-22 *	H			D01			1		P	HAND WIRE	148
GND 02		F02T1		1-23 *	H			D01					P	H TO WHERE	148
GND 02				1									68-2/8		148

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
GND 03		A03C2		1-01 *	H			D02			1		P	HAND WIRE	149
GND 03		A03D2		1-02 *	H			D02			2		P	HAND WIRE	149
GND 03		A03E2		1-03 *	H			D02			1		P	HAND WIRE	149
GND 03		A03F2		1-04 *	H			D02			2		P	HAND WIRE	149
GND 03		A03N1		1-05 *	H			D02			1		P	HAND WIRE	149
GND 03		A03P1		1-06 *	H			D02			2		P	HAND WIRE	149
GND 03		A03R1		1-07 *	H			D02			1		P	HAND WIRE	149
GND 03		A03S1		1-08 *	H			D02			2		P	HAND WIRE	149
GND 03		A03T1		1-09 *	H			D02			1		P	HAND WIRE	149
GND 03		A03U1		1-10 *	H			D02			2		P	HAND WIRE	149
GND 03		A03V1		1-11 *	H						1		P	HAND WIRE	149
GND 03		B03C2		1-12 *	H			D02			2		P	HAND WIRE	149
GND 03		B03T1		1-13 *	H			D02			1		P	HAND WIRE	149
GND 03		C03C2		1-14 *	H			D01			2		P	HAND WIRE	149
GND 03		C03T1		1-15 *	H			D01			1		P	HAND WIRE	149
GND 03		D03C2		1-16 *	H			D01			2		P	HAND WIRE	149
GND 03		D03T1		1-17 *	H			D01			1		P	HAND WIRE	149
GND 03		E03C2		1-18 *	H			D01			2		P	HAND WIRE	149
GND 03		E03T1		1-19 *	H			D01			1		P	HAND WIRE	149
GND 03		F03C2		1-20 *	H			D01			2		P	HAND WIRE	149
GND 03		F03T1		1-21 *	H			D01					P	H TO WHERE	149
GND 03				1									62-4/8		149
GND 04		A04B2		1-01 *	H			D02			1		P	HAND WIRE	150
GND 04		A04C2		1-02 *	H			D02			2		P	HAND WIRE	150
GND 04		A04N1		1-03 *	H			D02			1		P	HAND WIRE	150
GND 04		A04P1		1-04 *	H			D02			2		P	HAND WIRE	150
GND 04		A04R1		1-05 *	H			D02			1		P	HAND WIRE	150
GND 04		A04S1		1-06 *	H			D02			2		P	HAND WIRE	150
GND 04		A04T1		1-07 *	H			D02			1		P	HAND WIRE	150
GND 04		A04V2		1-08 *	H			D02			2		P	HAND WIRE	150
GND 04		B04B2		1-09 *	H			D02			1		P	HAND WIRE	150
GND 04		B04C2		1-10 *	H			D02			2		P	HAND WIRE	150
GND 04		B04D1		1-11 *	H			D02			1		P	HAND WIRE	150
GND 04		B04E1		1-12 *	H			D02			2		P	HAND WIRE	150
GND 04		B04T1		1-13 *	H			D02			1		P	HAND WIRE	150
GND 04		B04V2		1-14 *	H			D02			2		P	HAND WIRE	150
GND 04		C04C2		1-15 *	H			D01			1		P	HAND WIRE	150
GND 04		C04T1		1-16 *	H			D01			2		P	HAND WIRE	150
GND 04		D04C2		1-17 *	H			D01			1		P	HAND WIRE	150
GND 04		D04T1		1-18 *	H			D01			2		P	HAND WIRE	150
GND 04		E04C2		1-19 *	H			D01			1		P	HAND WIRE	150
GND 04		E04T1		1-20 *	H			D01			2		P	HAND WIRE	150
GND 04		F04C2		1-21 *	H			D01			1		P	HAND WIRE	150
GND 04		F04T1		1-22 *	H			D01					P	H TO WHERE	150
GND 04				1									65-0/8		150