

TITLE	SIZE CODE	NUMBER	REV.
DRAWING DIRECTORY BALL-K	B DD	BALL-K	S
SHEET 2 OF 4			

TW

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE											
1	E-UA-BALL-K-Ø	UNIT ASSY BALL-K	E/M	6	A-SP-3700167-0-0	IN PLANT PACK. INST.	M											
	K-PL-BALL-K-ØBP	UNIT ASSY BALL-K PL	E/M															
	D-IA-7009768-0-0	COVER, CHASSIS	M															
	D-PS-1211825-0-0	SLIDE, 3 POS TILT	M															
	D-MD-7412184	CABLE, TROUGH CHASSIS	E/M															
	D-UA-BC11A-1Ø-Ø	UNIBUS, CABLE, 10 FT	E/M															
	B-CS-M919-Ø-1	BUS CONNECTOR M919	E															
	B-CS-M929-Ø-1	BUS CONNECTOR M929	E															
	D-PS-1212405-ØØ	CARD GUIDE	M															
	A-DC-5309414-Ø	DECAL UL	M															
	A-PS-3613281-Ø-Ø	DECAL	M															
	B-PL-BALL-K-1	SHIPPING LIST BALL-K	E/M															
	B-PL-BALL-K-2	INSTALLATION KIT BALL-K	E/M															
	A-PS-3617880-01	DECAL FCC NON-COMPLIANCE	E/M															
2	B-DD-H765-Ø	DWG DIRECTORY H765	E/M	7	A-SP-3700165-0-0	SKID LOAD PACK. INST. (5 PACK)	M											
	E-UA-H765-Ø-Ø	POWER SUPPLY H765	M															
3	E-IA-7009769-Ø-Ø	CHASSIS, 10.5	M					8	A-SP-3700169-0-0	CUST. CUSHIONED PACK. INST.	M							
	E-IA-7411703-Ø-Ø	CHASSIS, FRONT	M															
	E-IA-7411707-Ø-Ø	CHASSIS, SIDE	M															
	D-MD-7411706-Ø-Ø	BRACKET, HAT	M															
	D-MD-7411705-Ø-Ø	BRACKET, CARD GUIDE	M															
	C-MD-7412185-Ø-Ø	PLATE CABLE	M															
4	D-IA-7411013-Ø-Ø	COVER PANEL 10 1/2 BEZEL	M					9	A-SP-3700421-0-0	PACKAGING INSTRUCTIONS (FOAM-IN-PLACE) (BALL-KE & KF VARIATIONS ONLY)	M							
	5	C-MD-7413659-Ø-Ø	SHIPPING BRKT									M	10	E-AD-7012399-0-0	AIR INTAKE BEZEL ASSY	M		
		4	E-MD-7414506-0-0									BEZEL, RX01 (ONE CAST)					D-MD-7415744-0-0	BRKT, BEZEL MTG
			D-IA-7415743-0-0									PANEL, AIR INTAKE						

TYPE: E ELECTRICAL
M MECHANICAL
E/M ELECTRO/MECHANICAL

DRB 108A

digital

TITLE

DRAWING DIRECTORY BALL-K

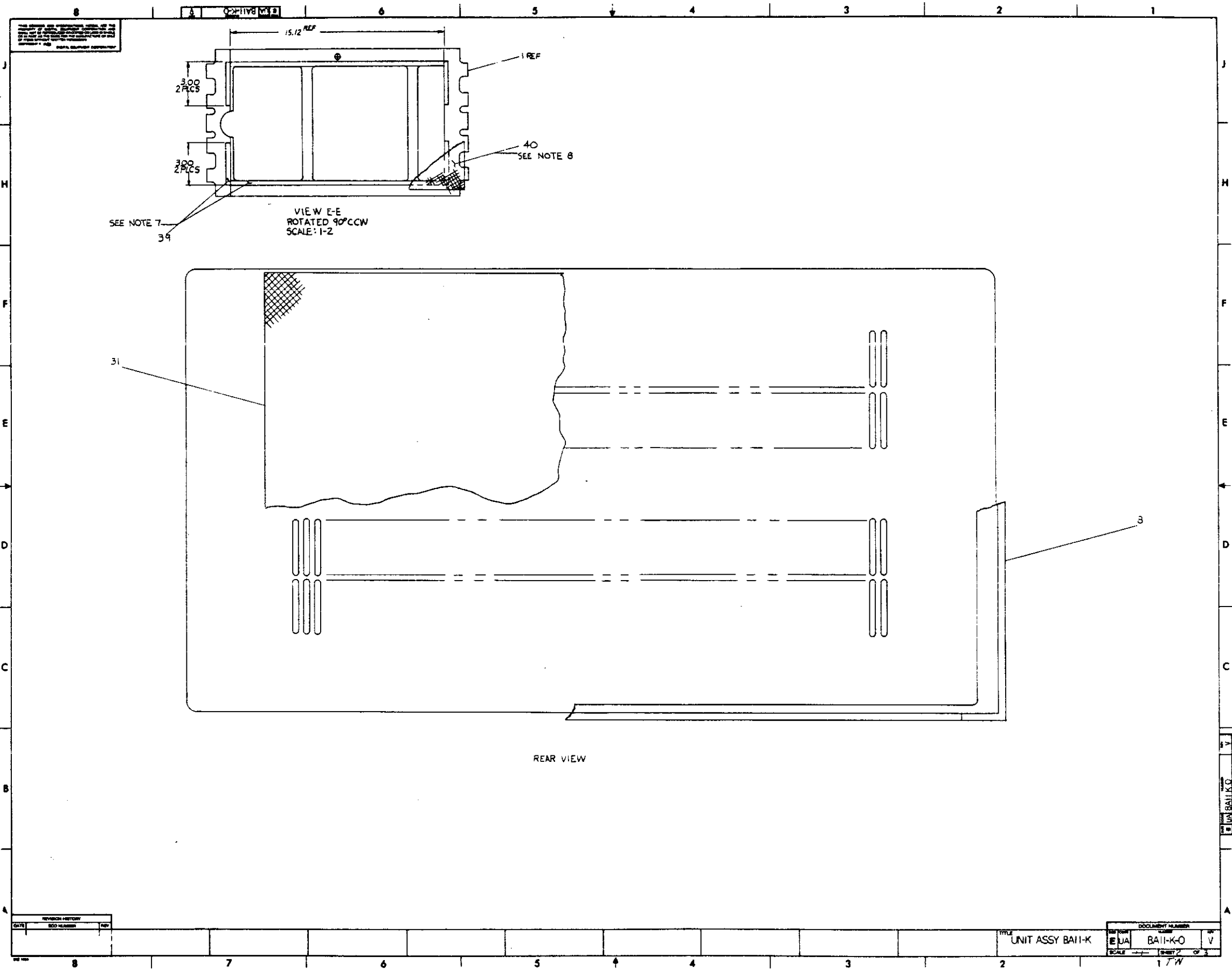
SHEET 4 OF 4

SIZE CODE
B DD

NUMBER
BALL-K

REV
S

TW

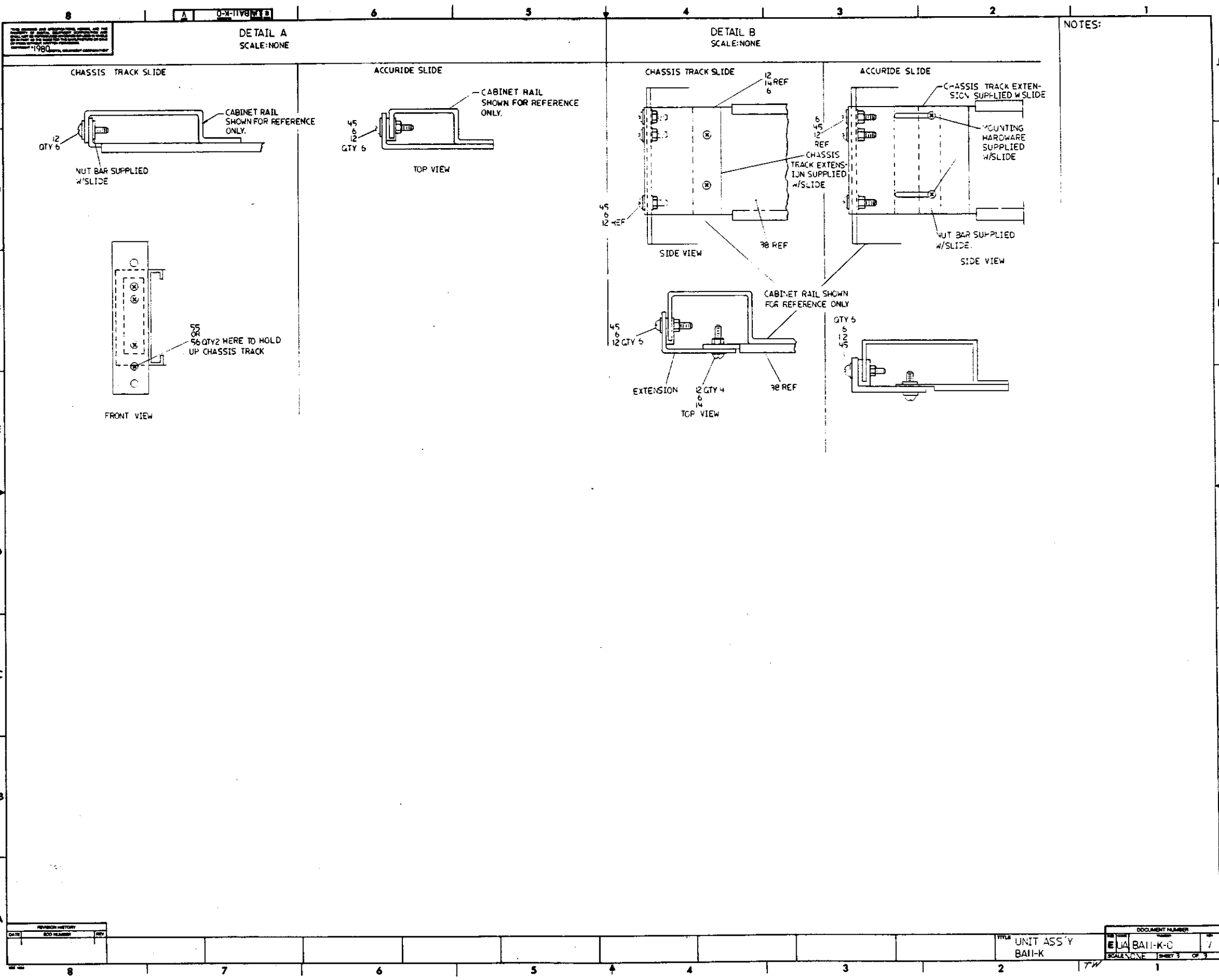


REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE UNIT ASSY BA11-K

DOCUMENT NUMBER	
REV	OF
EJA	V

SCALE 1/1"=1"



NOTES:

REVISION HISTORY		
DATE	ECO NUMBER	BY

TITLE	UNIT ASS'Y BAII-K
DOCUMENT NUMBER	EJA BAII-K-C
SCALE	NONE
SHEET	3 OF 3

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY / VARIATION											
PARIS LIST				BALL-KE	BALL-KF	BALL-KH	BALL-KJ	BALL-KK	BALL-KL	BALL-KA	BALL-KS	BALL-KT	BALL-KW	BALL-KX	
MADE BY BILL BLODGET		CHECKED D. HEALY		SECTION 1											
DATE 6/26/74		DATE 6/27/74		ISSUED SECT. 1											
ENG P. E. JANSON		PROD <i>W. Lucas</i>		ISSUED SECT. 1											
DATE 8-23-74		DATE 8/23/74		ISSUED SECT. 1											
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION		BALL-KE	BALL-KF	BALL-KH	BALL-KJ	BALL-KK	BALL-KL	BALL-KA	BALL-KS	BALL-KT	BALL-KW	BALL-KX	
1	E-IA-7009769-0-0	CHASSIS 10.5		1	1	1	1	1	1	1	1	1	1	1	
2	D-IA-7009768-0-0	COVER, CHASSIS		2	2	-	-	-	-	-	2	2	2	2	
3	D-CB-5410864-0-1	POWER DISTRIBUTION BOARD		REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	
4	D-PS-1211825-0-0	SLIDE, 3 POS. TILT		2	2	-	-	-	-	-	-	-	-	-	
5	D-PS-1212405-0	CARD GUIDE, SINGLE		24	24	24	24	24	24	24	24	24	24	24	
6	9006071-3	SCREW, PHL TRUSS HD #10-32 X .38 *		16	16	-	-	-	-	-	16	16	10	10	
7	9006020-2	SCREW, PHL FLAT HD #6-32 X .25		4	4	4	4	4	4	-	4	4	4	4	
8	D-IA-7411013-0-0	COVER, PANEL 10 1/2 BEZEL (SNAP-ON VENTED)		1	1	-	-	-	-	-	-	-	1	1	
9	B-DD-H765-A	POWER SUPPLY H765-A 120V 50/60 HZ		1	-	1	-	-	-	-	1	-	1	-	
10	9006020-2	SCREW, PHL, TRUSS HD #6-32 X .25		4	4	8	8	8	8	4	4	4	9	0	
11	9006035	WASHER INTERNAL TOOTH LOCK #6		4	4	4	4	4	4	4	4	4	4	4	
12	9007651	WASHER EXTERNAL TOOTH #10 *		12	12	-	-	-	-	-	12	12	12	12	
13	9009599	SCREW, PHL FLAT HD (SPECIAL)		6	6	6	6	6	6	-	6	6	6	6	
14	9006565	NUT, KEPS. #10-32		8	8	-	-	-	-	-	8	8	8	8	
15	DEC-3-(374)-1825-N1174	STICKER, "CONFIGURATION"		1	1	-	-	-	-	-	1	1	1	1	
16	D-IA-7010059-0-0	SHIPPING BRKT, ASSY		1	1	-	-	-	-	-	-	-	1	1	
17	B-DD-H765-B	POWER SUPPLY H765-B, 240V 50/60 HZ		-	1	-	1	-	-	-	-	1	-	1	
18	D-MD-7412184-0-0	CABLE TROUGH CHASSIS		-	-	1	1	1	1	-	-	-	-	-	
19	9006020-2	SCR, PHL, HD SELF TAP #6-32 X .25		1	1	5	5	5	5	-	-	-	1	1	
20	D-UN-5015000-0-0	UNIQUE ORDER, 10 FT		1	1	-	-	-	-	-	-	-	1	1	
21	1209224	LATCH MOLDING		4	4	-	-	-	-	-	-	-	-	-	
22	9006007-2	SCR PHL HD FLT #10-32 X .25		8	8	-	-	-	-	-	-	-	-	-	
TITLE UNIT ASSY BALL-K				ASSY NO. E-UA-BALL-K-β		SIZE CODE A PL		NUMBER BALL-K-β		REV. U		ECO NO. BALL-K-β		E9021	
SHEET 1 OF 3				DIST.											

DEC FORM DEC 16-(325)-1031-N870
DRA 110

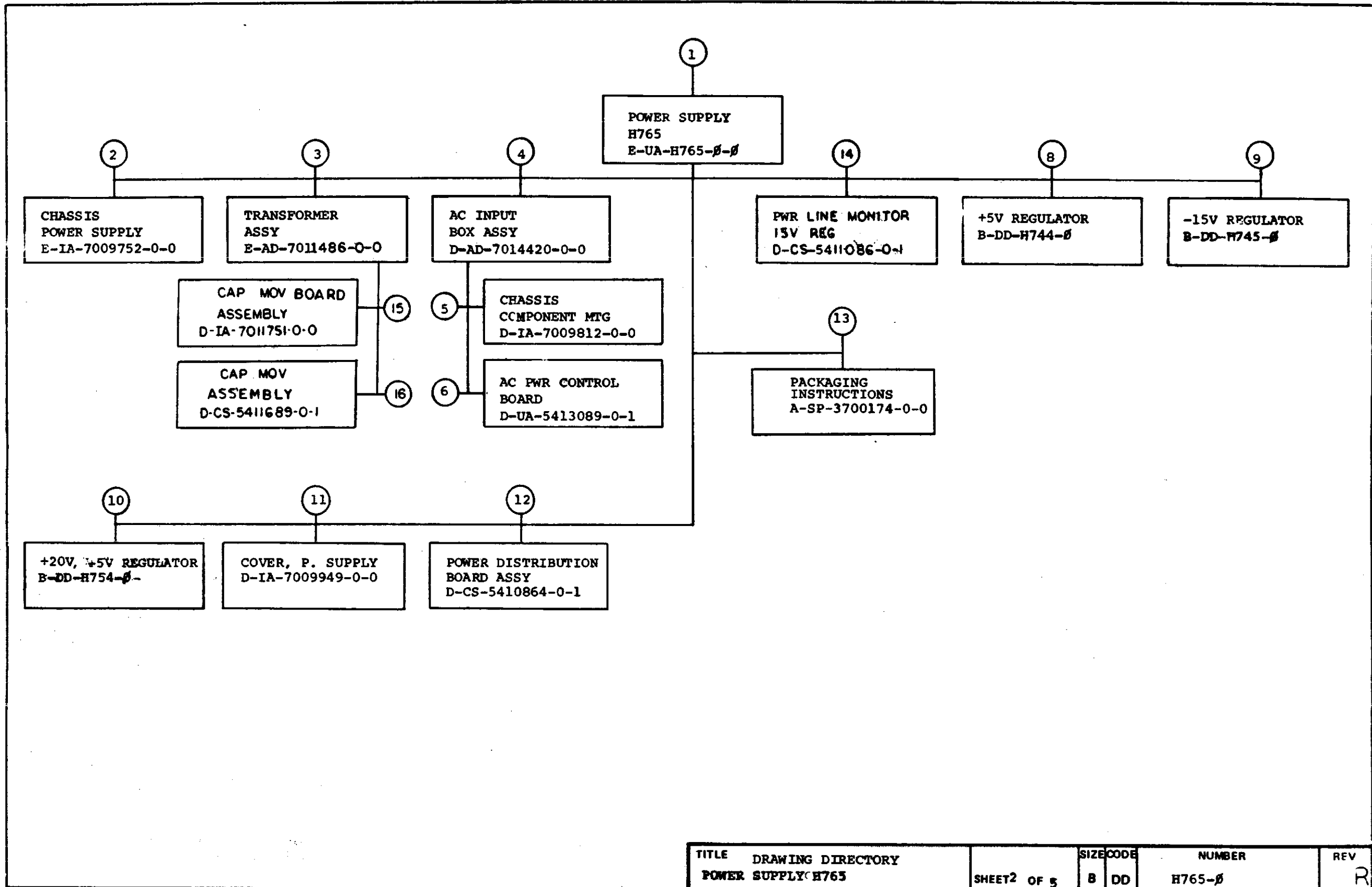
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DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY / VARIATION											
PARIS LIST				BALL-KE	BALL-KF	BALL-KH	BALL-KJ	BALL-KK	BALL-KL	BALL-KA	BALL-KS	BALL-KT	BALL-KW	BALL-KX	
MADE BY BILL BLODGET		CHECKED D. HEALY		SECTION 1											
DATE 6/26/74		DATE 6/27/74		ISSUED SECT. 1											
ENG P. E. JANSON		PROD W. LUCAS		ISSUED SECT. 1											
DATE 8-23-74		DATE 8-23-74		ISSUED SECT. 1											
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION		BALL-KE	BALL-KF	BALL-KH	BALL-KJ	BALL-KK	BALL-KL	BALL-KA	BALL-KS	BALL-KT	BALL-KW	BALL-KX	
23	A-SP-3700167-0-0	IN PLANT PACK. INST.		-	-	-	REF	REF	REF	REF	REF	REF	REF	REF	
24	A-SP-3700165-0-0	SKID LOAD PACK INST. (5 PACK)		-	-	REF	REF	REF	REF	REF	REF	REF	REF	REF	
25	A-SP-3700169-0-0	CUST. CUSHIONED PACK. INST. (SINGLE)		-	-	REF	REF	REF	REF	REF	REF	REF	REF	REF	
26	A-SP-BALL-K-6	BALL-K BASIC CHECKOUT AND ACCEPTANCE PROCEDURE		REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	
27	A-SP-BALL-K-7	BALL-K BASIC ASSEMBLY PROCEDURE		REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	
28	A-DC-5309414-0	DECAL, UL		1	1	-	-	-	-	-	1	1	1	1	
29	A-DC-5309413-0	DECAL, NEMA		1	1	-	-	-	-	-	1	1	1	1	
31	1211255-0-0	PRE FILTER		1	1	-	-	-	-	-	-	-	1	1	
32	C-MD-7413658-0-0	SHIPPING BRACKET (INSTALLED AT FA+T)		2	2	-	-	-	-	-	2	2	2	2	
33	B-DD-H765-C	POWER SUPPLY H765-C 120VAC 50/60 HZ NO H754		-	-	-	-	1	-	-	-	-	-	-	
34	B-DD-H765-D	POWER SUPPLY H765-D 240VAC 50/60 HZ NO H754		-	-	-	-	-	1	-	-	-	-	-	
35	A-PS-3613281-00	DECAL, ADHESIVE BACKED, BALL-K		2	2	1	1	1	1	1	2	2	2	2	
36	D-PS-1212405-1	CARD GUIDE, SINGLE		24	24	24	24	24	24	24	24	24	24	24	
37	9007086-00	CLAMP, CABLE		1	1	1	1	1	1	-	1	1	1	1	
38	D-PS-1211825-β1	SLIDE, 3 POS. TILT **		1PR	1PR	-	-	-	-	-	1pr	1pr	-	-	
39	A-PS-1212431-ββ	TAPE, HOOK, MOLDED		-	-	-	-	-	-	-	A/PA/R	-	-	-	
40	A-PS-1212392-β1	FILTER, FOAM		-	-	-	-	-	-	-	1	1	-	-	
41	9006635	WASHER, INTERNAL TOOTH LOCK #10		1	1	1	1	1	1	1	1	1	1	1	
42	9006231-09	SCREW, HEX HEAD #10-32 X .5		1	1	1	1	1	1	1	1	1	1	1	
43	9007032	TIE, CABLE CLAMP SST2-M		2	2	2	2	2	2	2	2	2	2	2	
TITLE UNIT ASSY BALL-K				ASSY NO. E-UA-BALL-K-β		SIZE CODE A PL		NUMBER BALL-K-β		REV. U		ECO NO.			
SHEET 2 OF 3				DIST.											

DEC FORM DEC 16-(325)-1031-N870
DRA 110

TW

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY VARIATION										
MADE BY		CHECKED		SECTION	BALL-KE	BALL-KF	BALL-KH	BALL-KJ	BALL-KK	BALL-KL	BALL-KA	BALL-KS	BALL-KT	BALL-KW	BALL-KX
DATE		DATE		1											
ENG		PROD		ISSUED SECT.											
DATE		DATE		1											
ITEM NO.	DWG NO./PART NO.	DESCRIPTION			BALL-KE	BALL-KF	BALL-KH	BALL-KJ	BALL-KK	BALL-KL	BALL-KA	BALL-KS	BALL-KT	BALL-KW	BALL-KX
44	90-06636	Washer, internal tooth #10*			18	18						18	18	18	18
45	90-07786-00	Nut, Tinnerman			12	12	-	-	-	-	-	12	12	12	12
46	90-06664-00	Washer, flat #10*			14	14	-	-	-	-	-	14	14	14	14
47	90-06073-03	Screw, Phil Truss hd #10-32.5*			8	8	-	-	-	-	-	8	8	8	8
48	A-SP-3700421-0-0	Packaging Instructions (foam in place)			Ref	Ref	-	-	-	-	-	-	-	-	-
49	90-06070-02	Ph. Flat hd screw, #10-32 X 5/16			8	8	-	-	-	-	-	-	-	-	-
50	A-PS-3613209-00	Serial Number Label			A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R
51	9009700	Sems screw, #10-32X.5			6	6	-	-	-	-	-	6	6	6	6
52	E-AD-701299-0-0	Air Intake Bezel Assy			-	-	-	-	-	-	-	-	-	1	1
53	9006039-01 ***	SCREW, PAN PHILLIPS 8-32 X.5			2	2	-	-	-	-	-	2	2	2	2
* Item 51 is an allowable substitute for the combination of these parts when used on item 38															
** 1211825-02 IS AN ALLOWABLE SUBSTITUTE															
*** REQUIRED ONLY IF 1211825-02 IS USED															
TITLE					ASSY NO.	SIZE	CODE	NUMBER					REV	ECO NO.	
Unit Assy BALL-K					E-UA-BALL-K-Ø	A	PL	BALL-K-0					U		
SHEET 3 OF 3					DIST										



TITLE	DRAWING DIRECTORY	SIZE CODE	NUMBER	REV
POWER SUPPLY H765	SHEET 2 OF 5	B DD	H765-β	R

CUSTOMER PRINT SET		ELECTRICAL					CUSTOMER PRINT SET		ELECTRICAL											
1		MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	1		MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE			
X			1	E-UA-H765- 0 A-SP-H765-0-9	T	2	POWER SUPPLY H765 H765 POWER SUPPLY ASSEMBLY PROCEDURE		X			12	D-CS-5410864-0-1 D-IA-5010863-0-0 A-SP-5410864-0-8 A-SP-5410864-0-9	# #	3 1	POWER DIST. BD. ASSY ETCHED CIRCUIT BOARD TEST PROCEDURE ASSEMBLY PROCEDURE				
X			3	E-AD-7011486-0-0 A-SP-7010014-0-8 A-CS-7010014-TA-1 A-UA-7010014-TA-0 A-PL-7010014-TA-0 A-SP-7011486-0-9	# A A A		TRANSFORMER ASSY TEST PROCEDURE TESTER C.S. TESTER U.A. TESTER P.L. TRANSFORMER ASSY PROCEDURE		X			14	D-CS-5411086-0-1 A-SP-11/45-TA-2 A-SP-5411086-0-3 D-IA-7010138-0-0	#	4	PWR LINE MONITOR/15V REG TEST PROCEDURE ENGINEERING SPECIFICATION HARNESS INTERCONNECTION				
X			4	D-AD-7014420-0-0 A-SP-7009811-0-8 A-CS-7009811-TA-1 A-UA-7009811-TA-0 A-PL-7009811-TA-0 A-SP-7009811-0-9	#	2	AC INPUT BOX ASSY TEST PROCEDURE TESTER C.S. TESTER U. A. TESTER P.L. AC INPUT BOX ASSY PROCEDURE					15	D-IA-7011751-0-0			CAP MOV BOARD ASSY				
X			6	D-UA-5413089-0-0			PILOT CONTROL BOARD					16	D-CS-5411689-0-1			CAP MOV ASSY				
C			8	B-DD-H744-0	#	2	DRAWING DIRECTORY H744													
C			9	B-DD-H745-0	#	2	DRAWING DIRECTORY H745													
C			10	B-DD-H754-0	#	3	DRAWING DIRECTORY H754													
CUSTOMER PRINT SET CODES		X = PRINT OF DOCUMENT INCLUDED IN PRINT SET C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED							TITLE		DRAWING DIRECTORY POWER SUPPLY H765		SHEET 3 OF 5		SIZE CODE B DD		NUMBER H765- 0		REV R	

CUSTOMER PRINT SET		MECHANICAL					CUSTOMER PRINT SET		MECHANICAL								
1	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	1	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE		
		1	E-UA-H765- β - β	A	1	POWER SUPPLY H765				6	D-UA-5413089-0-0			PILOT CONTROL BOARD			
			D-IA-7009950-0-0		1	THROUGH WIRE											
		2	E-IA-7009752-0-0		1	CHASSIS, POWER SUPPLY											
			E-IA-7411682-0-0		1	CHASSIS, POWER SUPPLY											
			D-MD-7411685-0-0		1	SIDE, POWER SUPPLY											
			D-MD-7411684-0-0		1	HOUSING COMP. CHASSIS											
		3	E-AD-7011486-0-0		2	TRANSFORMER ASSY				8	B-DD-H744- β		2	DRAWING DIRECTORY H744			
			C-MD-7414301-0-0		1	COVER											
		4	D-AD-7014420-0-0		2	AC INPUT BOX ASSY				9	B-DD-H745- β		2	DRAWING DIRECTORY H745			
			A-DC-7412303-0-1		1	DECAL 115V											
X			D-AD-7012500-0-0		1	POWER CORD				10	B-DD-H754- β		3	DRAWING DIRECTORY H754			
			A-DC-7412380-0-1		1	DECAL 230V											
		5	D-IA-7009812-0-0	A	1	CHASSIS COMPONENT MTG.				11	D-IA-7009949-0-0		1	COVER, POWER SUPPLY			
			D-IA-7411765-0-0		1	PLATE SWITCH					C-MD-7412473-0-0		1	STRIP, CLAMP			
			D-IA-7411766-0-0	B	1	PLATE COMPONENT MTG.											
CUSTOMER PRINT SET CODES	X = PRINT OF DOCUMENT INCLUDED IN PRINT SET C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED						TITLE	DRAWING DIRECTORY POWER SUPPLY H765		SIZE CODE	B DD		NUMBER	H765- β		P-V	R

DRB 108

DEC 16 (325)-1062-28-R972

SHEET 4 OF 5

CUSTOMER PRINT SET		MECHANICAL					CUSTOMER PRINT SET							
1	INFO SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	INFO SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE
		12	D-CS-5410864-0-1		3	POWER DIST. BD. ASSY								
			C-MD-7412192-0-0		1	SHIELD								
			D-MD-7411704-0-0		1	BRACKET, CONN. MTG.								
			C-IA-9305937-0-0			MATE-N-LOK FIXTURES								
			D-IA-5010863-0-0		1	ETCHED CIRCUIT BD.								
			K-CO-5410864-0-4			X-Y COORDINATE HOLE LOC.								
			D-AH-5410864-0-5		1	ASSY DRILLING HOLE LAYOUT								
			B-MH-5410864-0-6		1	MODULE ECO HISTORY								
			5010863		REF	ETCH CIRCUIT BOARD								
	X	13	A-SP-3700174-0-0	-	2	PACKAGING INSTRUCTIONS								
			A-PS-9905664-0-0	-	2	REGULAR SLOTTED CARTON								
			A-PS-9905665-0-0	-	2	LAMINATED BUILDUP								
		14	D-AH-5411086-0-5		1	ASSY DRILLING HOLE LAYOUT								
			B-MH-5411086-0-6		1	MODULE ECO HISTORY								
		15	D-AD-7011486-0-0		1	ASSEMBLY DRAWING								
		16	D-AH-5411689-0-5		1	ASSY DRILLING HOLE LAYOUT								
			D-MH-5411689-0-6		1	MODULE ECO HISTORY								

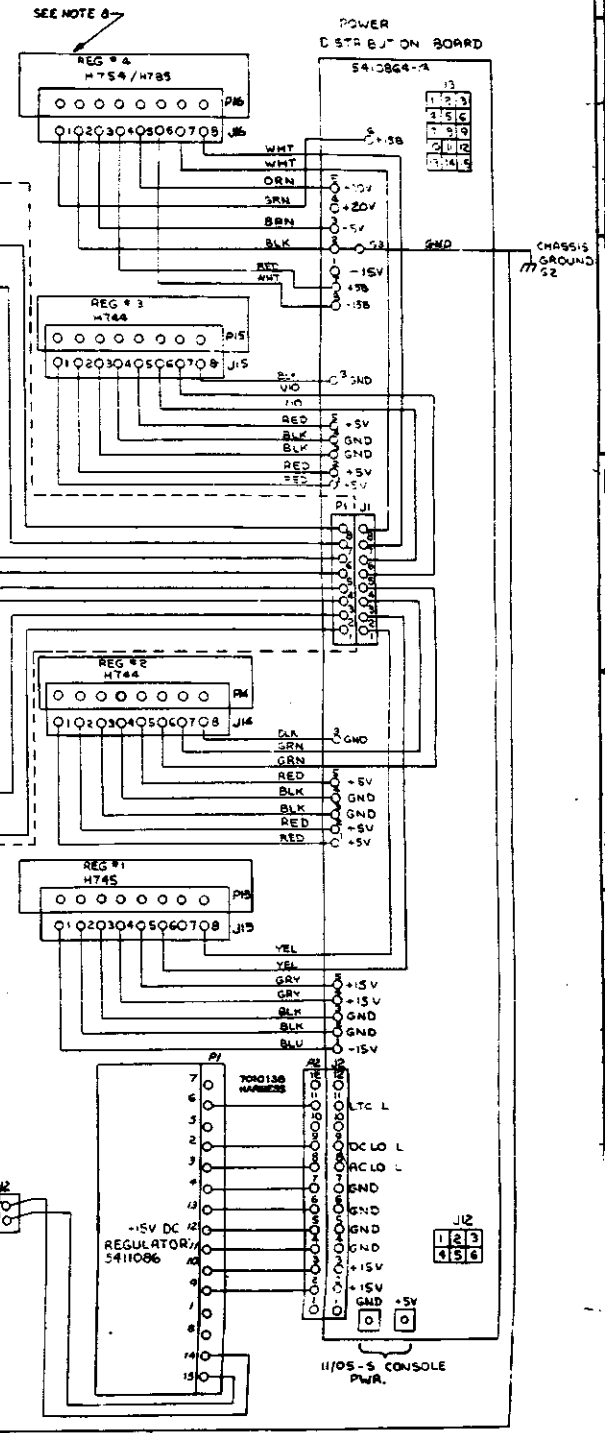
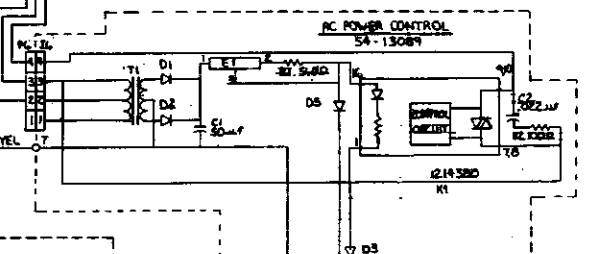
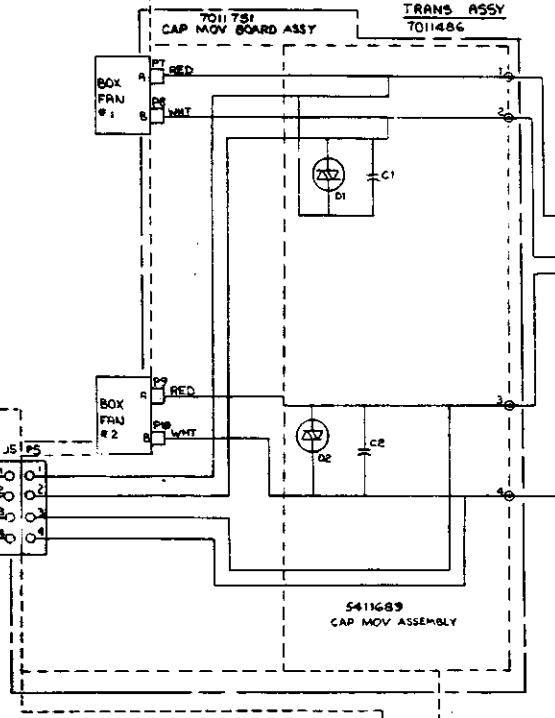
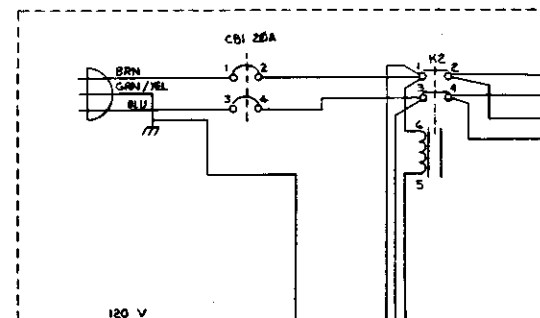
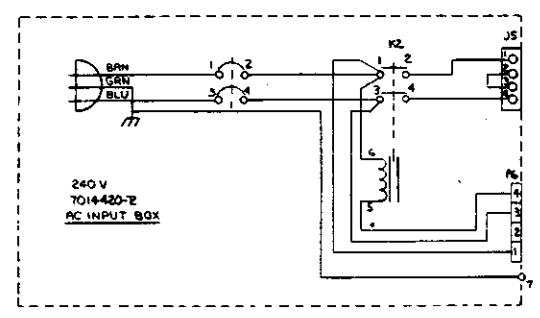
CUSTOMER PRINT SET CODES
X = PRINT OF DOCUMENT INCLUDED IN PRINT SET
C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT
S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED

TITLE
DRAWING DIRECTORY
POWER SUPPLY H765

SHEET 5 OF 5
SIZE CODE B DD
NUMBER H765-Ø

REV
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CONNECTION TABLE			CONNECTION TABLE		
FROM CONNECTION	TO CONNECTION	SIGNALS	FROM CONNECTION	TO CONNECTION	SIGNALS
P2 FROM TRANS. ASSY	J2 FROM +15V REG.	28 VAC	P4 FROM +15V REG.	J2 LOCATED ON PWR DIST BD	-15V, LTC L, AC LO L, DC LO L, GND
J16 FROM PWR DIST. BD	P16 LOCATED ON REG #4 (H785)	GND, -5V, +20V, 28 VAC			
J15 FROM PWR DIST. BD	P15 LOCATED ON REG #3 (H744)	GND, +5V, 28VAC			
J14 FROM PWR DIST. BD	P14 LOCATED ON REG #2 (H744)	GND, +5V, 28VAC			
J13 FROM PWR DIST. BD	P13 LOCATED ON REG #1 (H745)	GND, +15V, -15V, 28 VAC			
GND LUG LOCATED ON PWR DIST. BD G3	G1 YEL LUG	SAFTY GROUND			
P1 FROM TRANS ASSY	J1 LOCATED ON PWR DIST. BD	28 VAC	P7 (RED)	FAN #1 - A	120 VAC - HOT
			P8 (WHT)	FAN #1 - B	120 VAC - NEUTRAL
			P9 (RED)	FAN #2 - A	120 VAC - HOT
			P10 (WHT)	FAN #2 - B	120 VAC - NEUTRAL
			T1-G	G1	SAFTY GROUND
			G1	G2	ITEM 55



- COMMON SIGNAL NAMES FOR 6 PIN AND 15-PIN MATE-N-LOCKS ON POWER DISTRIBUTION BOARD
- | | |
|-------------|--------------|
| 6-PIN | 15-PIN |
| 1 - GND | 1 - +5V |
| 2 - LTC L | 2 - +15V |
| 3 - DC LO L | 3 - +20V |
| 4 - AC LO L | 4 - +5V |
| 5 - SPARE 4 | 5 - GND |
| 6 - SPARE 5 | 6 - SPARE 1 |
| | 7 - GND |
| | 8 - GND |
| | 9 - GND |
| | 10 - SPARE 2 |
| | 11 - GND |
| | 12 - SPARE 3 |
| | 13 - -15V |
| | 14 - -5V |
| | 15 - SPARE 3 |

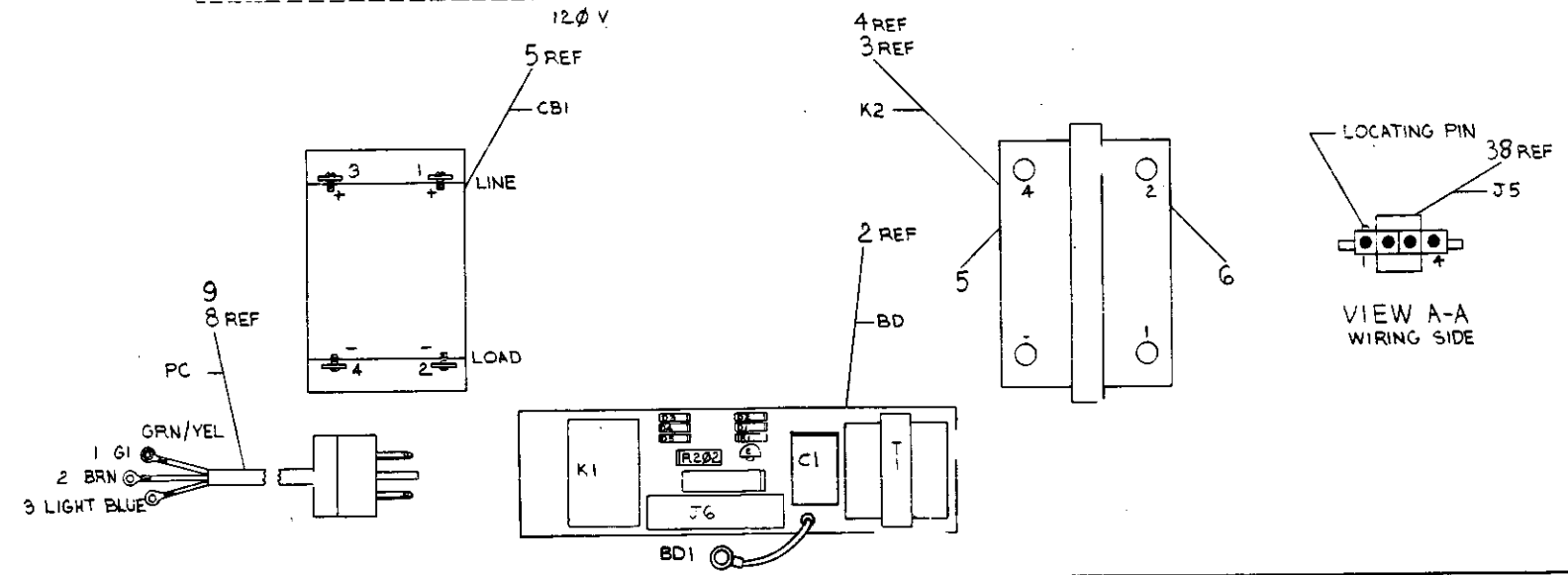
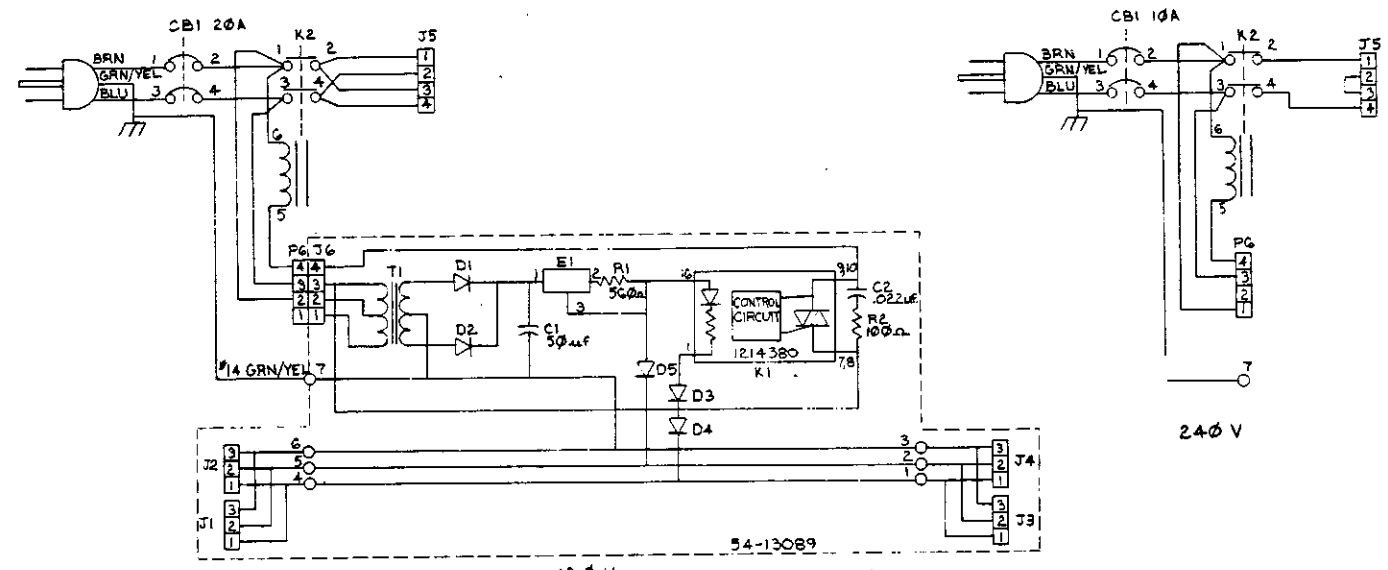
REMOTE POWER CONTROL
1-3 : ON
2-3 : OFF

CPU CONSOLE POWER SWITCH
1-3 : ON

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WIRE TABLE-1 VAR 120V								
ITEM NO	DESCRIPTION	COLOR	FROM		TO		PRECUT WIRE LENGTH	
			STRIP LENGTH	CONN.	WITH STRIP LENGTH	CONN.	WITH	WIRE LENGTH
8	14	GRN/YEL	SEE NOTE 3	PC-1		G1		
8	14	BRN		PC-2		CBI-1		
8	14	BLU		PC-3		CBI-3		
33	18	BLU	SEE NOTE 4	K2-4	36	SEE NOTE 5	J5-2	37 3.0 ± 0.25
							J5-4	37 3.0 ± 0.25
34	18	BRN	SEE NOTE 4	K2-2	36	SEE NOTE 5	J5-1	37 3.0 ± 0.25
							J5-3	37 3.0 ± 0.25
34	18	BRN	SEE NOTE 4	K2-1	36	SEE NOTE 6	P6-2	35 3.5 ± 0.25
3	18	YEL		K2-1			K2-6	3.5 ± 0.25
7				K2-1			CBI-2	STRAP
33	18	BLU	SEE NOTE 4	K2-3	29	SEE NOTE 6	P6-3	35 3.0 ± 0.25
7				K2-3			CBI-4	STRAP
3	18	YEL	SEE NOTE 4	K2-5		SEE NOTE 6	P6-4	35 4.75 ± 0.25
2	18	GRN/YEL	SEE NOTE 6	BD-1			G1	

WIRE TABLE-2 VAR 240V								
ITEM NO	DESCRIPTION	COLOR	FROM		TO		PRECUT WIRE LENGTH	
			STRIP LENGTH	CONN.	WITH STRIP LENGTH	CONN.	WITH	WIRE LENGTH
9	14	GRN/YEL	SEE NOTE 3	PC-1		G1		
9	14	BRN		PC-2		CBI-1		
9	14	BLU		PC-3		CBI-3		
33	18	BLU	SEE NOTE 4	K2-4	29	SEE NOTE 5	J5-4	37 3.0 ± 0.25
34	18	BRN	SEE NOTE 4	K2-2	29	SEE NOTE 5	J5-1	37 3.0 ± 0.25
34	18	BRN	SEE NOTE 5	J5-2	37	SEE NOTE 5	J5-3	37 2.0 ± 0.25
34	18	BRN	SEE NOTE 4	K2-1	36	SEE NOTE 6	P6-1	35 3.5 ± 0.25
4	18	YEL		K2-1			K2-6	3.5 ± 0.25
7				K2-1			CBI-2	STRAP
33	18	BLU	SEE NOTE 4	K2-3	29	SEE NOTE 6	P6-3	35 3.0 ± 0.25
7				K2-3			CBI-4	STRAP
4	18	YEL		K2-3		SEE NOTE 6	P6-4	35 4.75 ± 0.25
2	18	GRN/YEL	SEE NOTE 6	BD-1			G1	

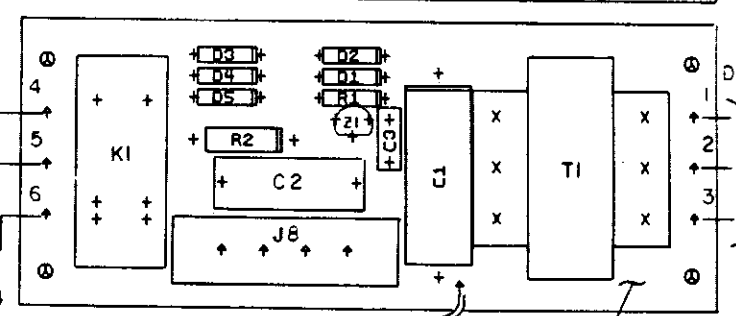
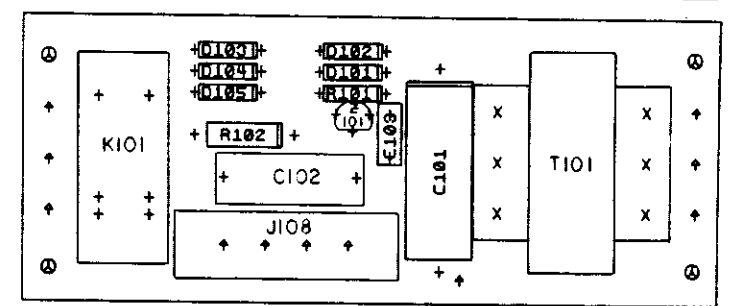
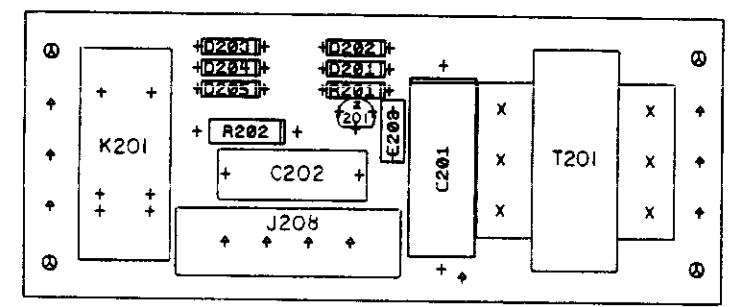
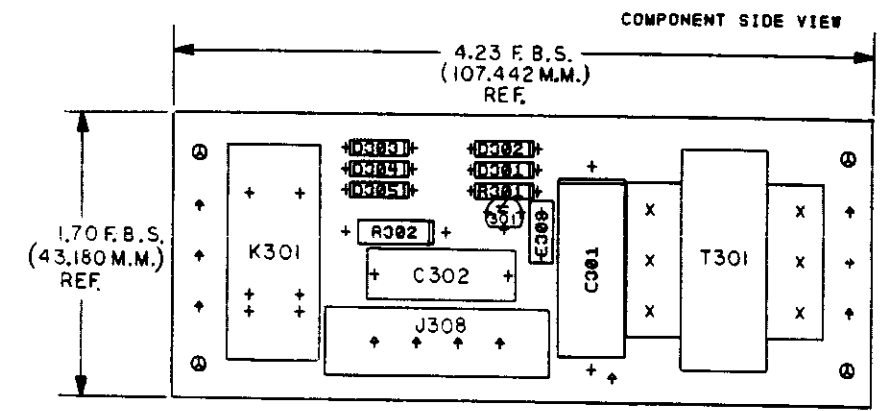


REVISIONS		
CHK	CHANGE NO.	REV.

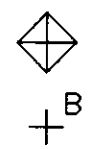
TITLE	AC INPUT BOX ASSY.	SIZE CODE	D AD	NUMBER	701442C-0-0	REV.	D
SCALE		SHEET	2 OF 2	DIST.			

DRAWING NUMBER: D AD 701442C-0-0
 SHEET: 2 OF 2

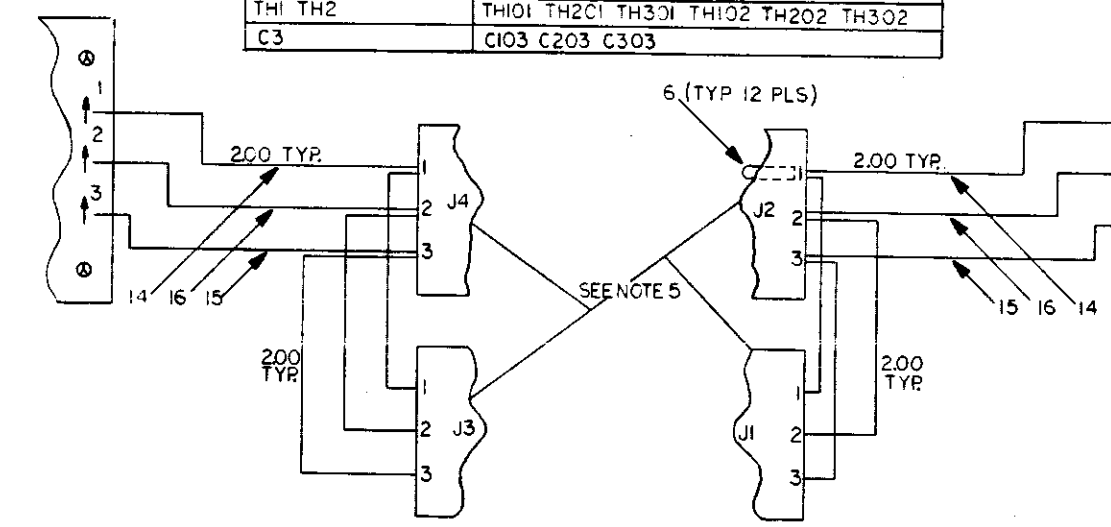
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 1978



REFERENCE	DESIGNATION	CHART
ACTUAL REF DES	SUPERFICIAL REF	DES
C1 C2	C101 C201 C301	C102 C202 C302
D1 D2	D101 D201 D301	D102 D202 D302
D3 D4	D103 D203 D303	D104 D204 D304
D5	D105 D205 D305	
J8	J108 J208 J308	
K1	K101 K201 K301	
R1 R2	R101 R201 R301	R102 R202 R302
T1	T101 T201 T301	
Z1	Z101 Z201 Z301	
TH1 TH2	TH101 TH201 TH301	TH102 TH202 TH302
C3	C103 C203 C303	



DETAIL "A"



NOTES: 1. THIS BOARD REQUIRES U/L APPROVAL.
 2. DO NOT SLIT BOARD MUST BE SHEARED.
 3. REFER TO PARTS LIST FOR IDENTIFICATION OF NUMBERED ITEMS.
 4. MULTI-REF DESIGNATIONS ARE USED TO ACCOMMODATE PNL INS TECHNIQUES-SEE CHART FOR REF.
 5. J1 J2 J3 J4 ARE NOT USED ON YA VARIATION.

CHANGE NO	REV	DATE	BY
ML004	E		EVANS
			W. BAUSHA

ETCH REV. C-PI
P.C. DESIGN DATA BRSE REV. C

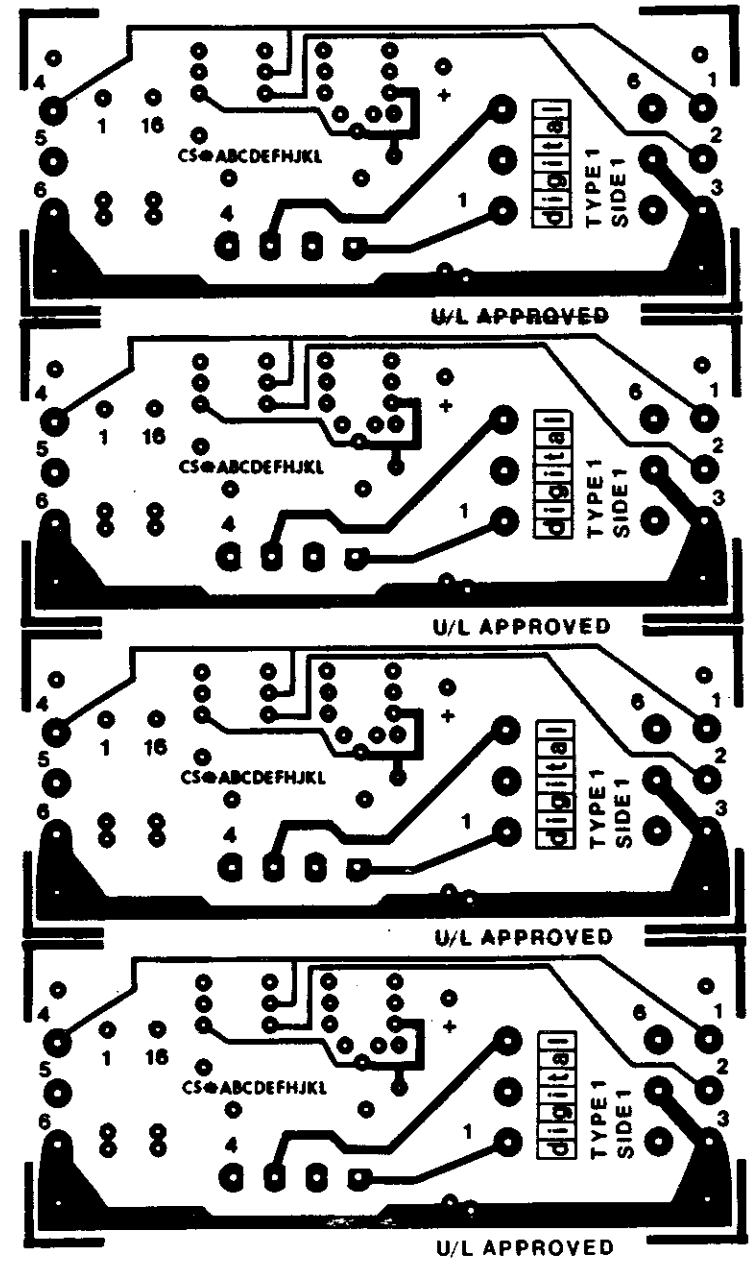
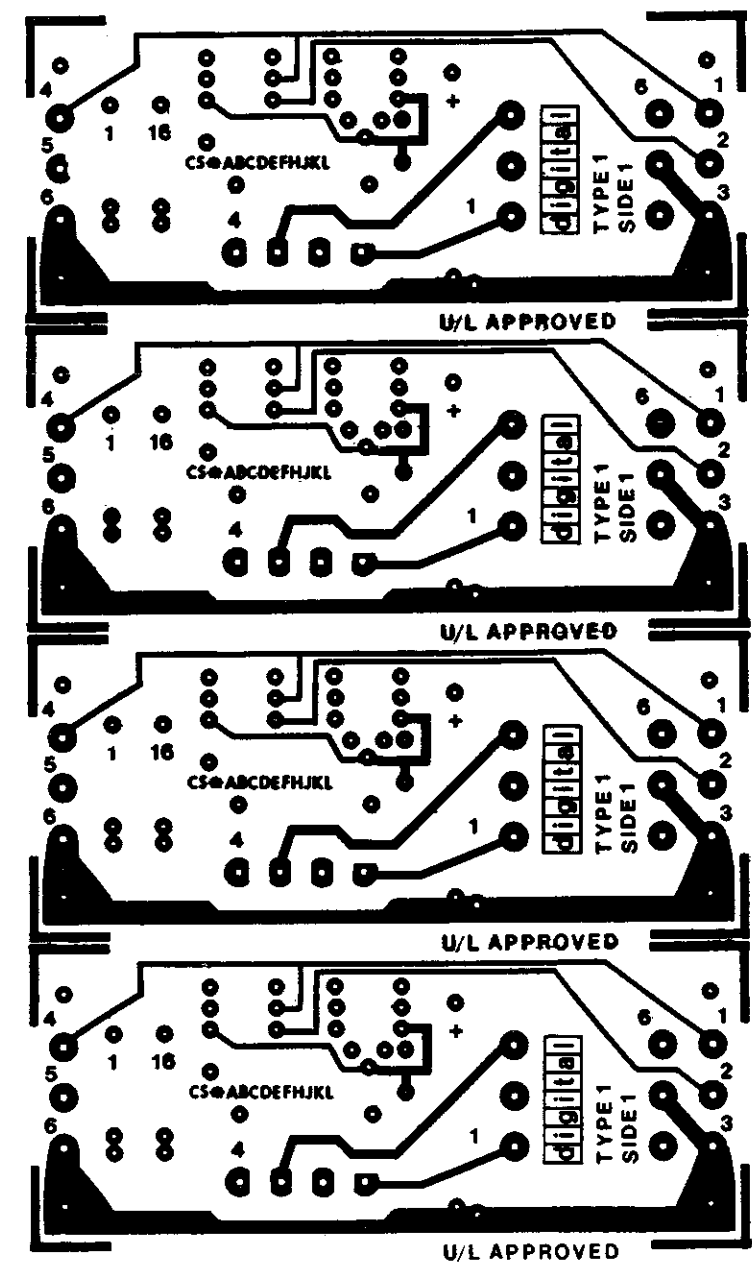
SIGNATURES	DATE	TITLE
DRN. STU EVANS	7-27-78	digital
CHK'D.	1-9-79	
ENG. W. BAUSHA	1/19/79	
PROJ. ENG. W. BAUSHA	1/19/79	A.C. CONTROL BOARD
PROD. W. BAUSHA	1/19/79	
SCALE 2/1	SIZE CODE	NUMBER
SHT. 1 OF 3	0 UA 5413089-0-0	REV
NEXT HIGHER ASSY. B-DD-5413089-0-0		

SEE DETAIL "A"

ACTUAL REF DESIGNATION SEE NOTE 4

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L1 5413089 5013088C-P1

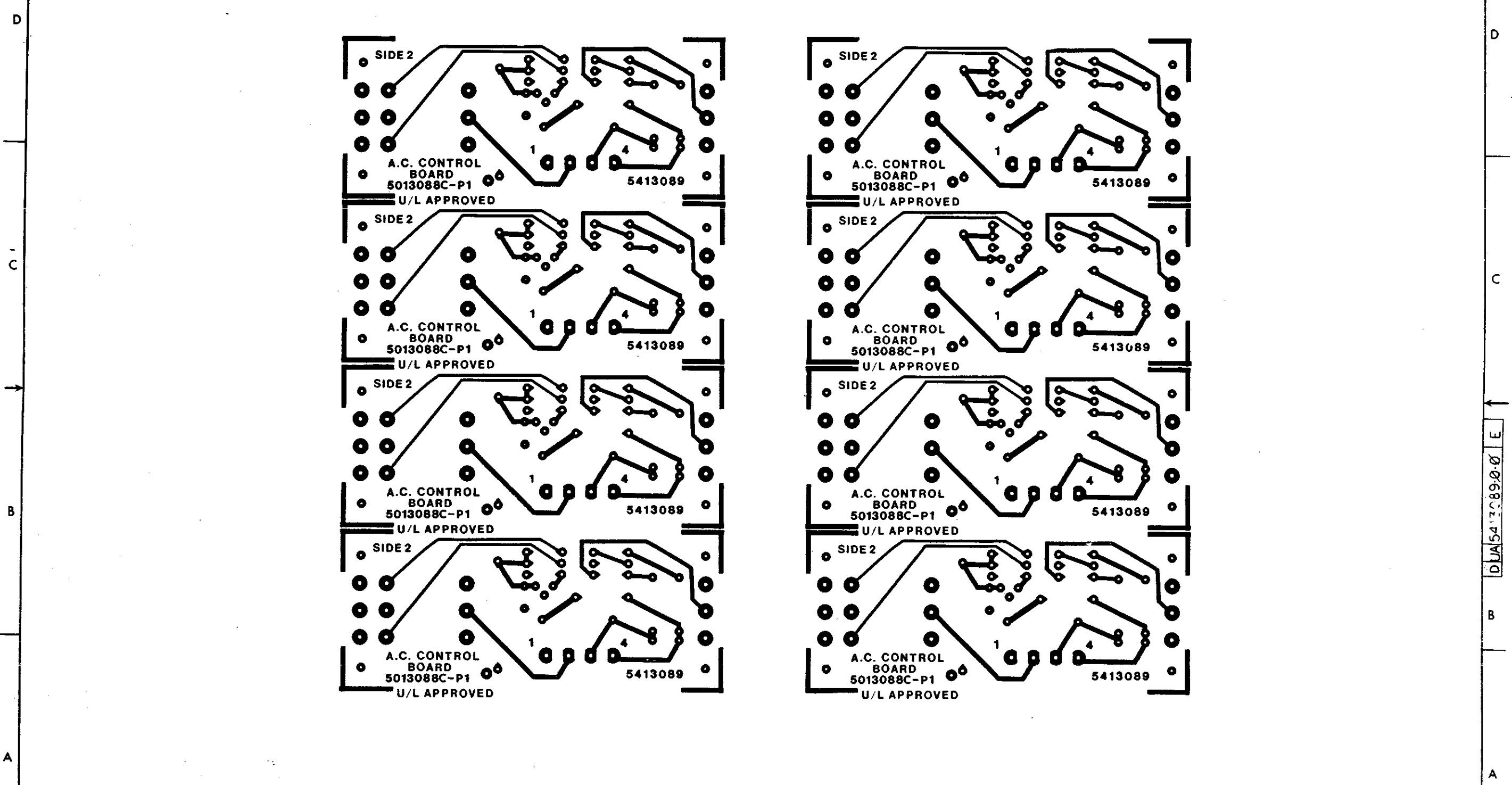
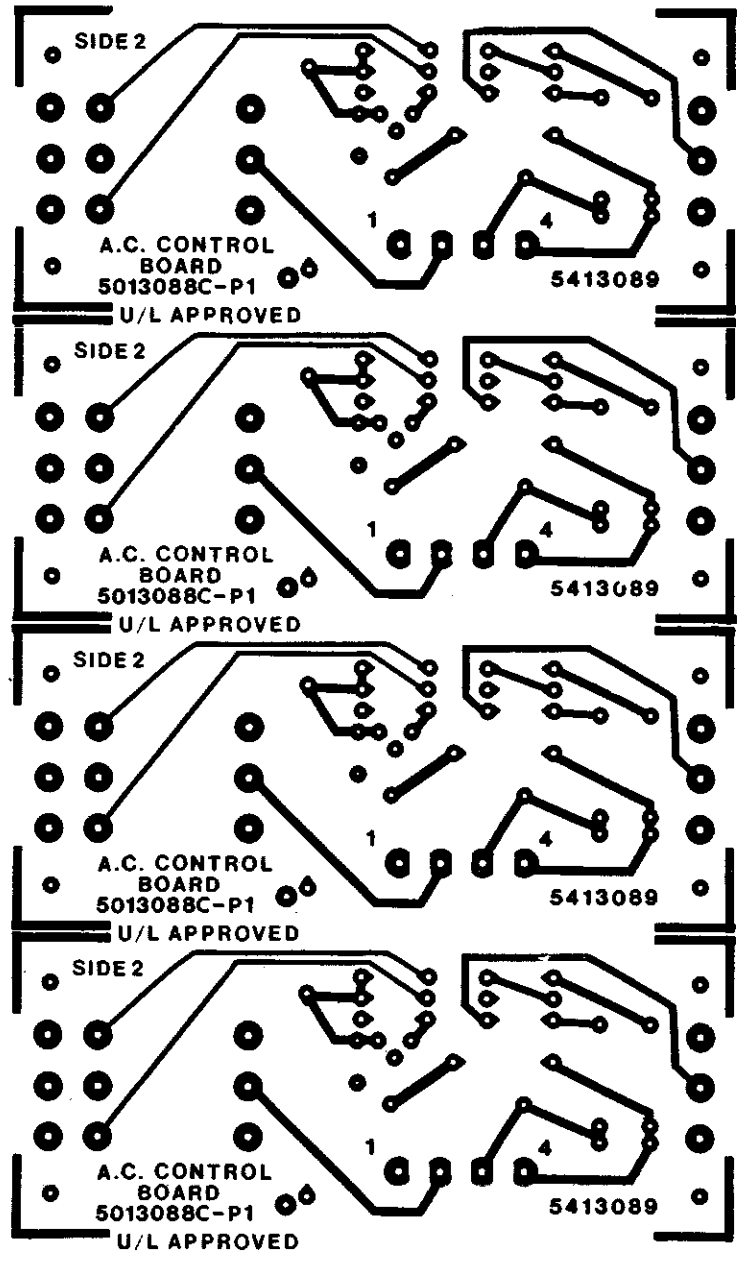
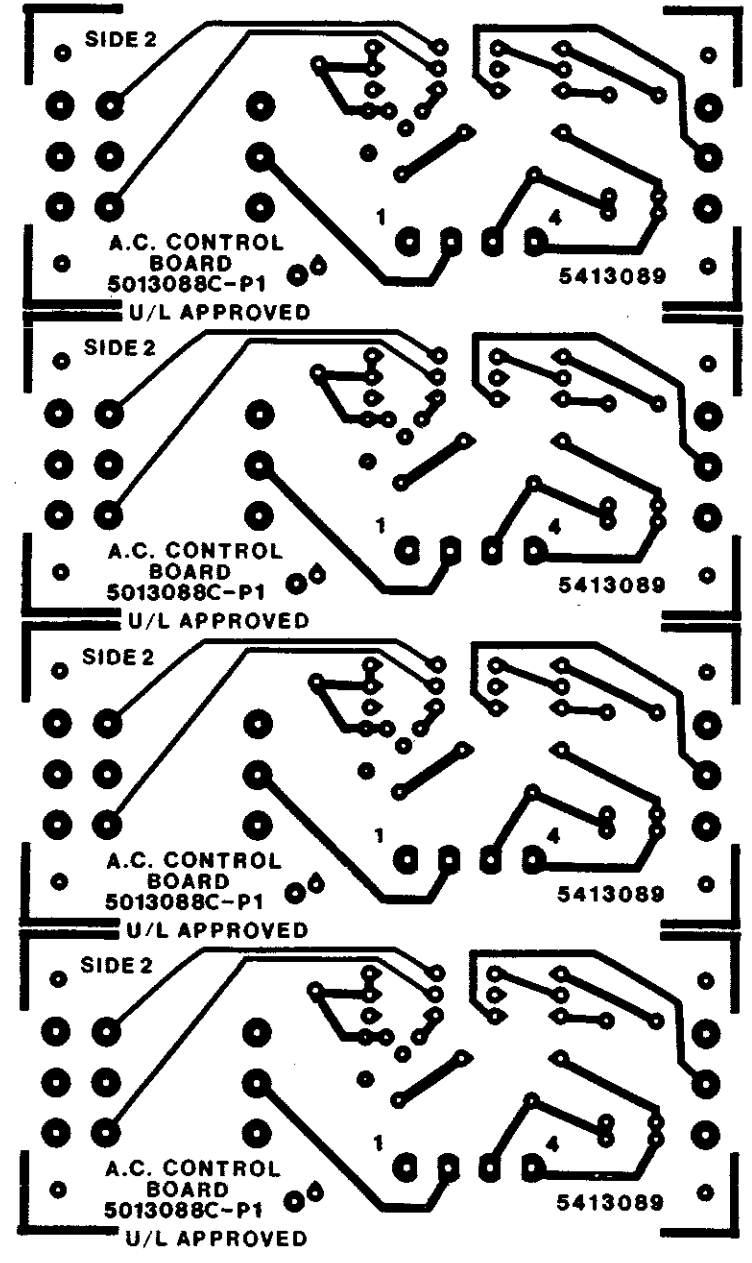


REVISIONS		
CHK	CHANGE NO	REV

TITLE	AC. CONTROL BOARD	SIZE CODE	DJA	NUMBER	5413089-00	REV	E
SCALE	2:1	SHEET	2	OF	3	DIST	

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DUA 5413089-0-0 2



REVISIONS		
CHK	CHANGE NO	REV

TITLE	A.C. CONTROL BOARD	SIZE CODE	D UA	NUMBER	5413089-0-0	REV.	E
SCALE	2:1	SHEET	3	OF	3	DIST	

DUA 5413089-0-0 E

DRAWING NO.	NO. OF SHTS	PART NO.	DESCRIPTION	REVISIONS															
				Y	Y	Y	Z												
D-AH-H744-Ø-5			ASSY DRILLING/HOLE LAYOUT	Y	Y	Y	Z												
E-UA-H744-Ø-Ø	1		UNIT ASSY	Y	Z	AA	AB												
D-CS-H744-Ø-1	1		CIRCUIT SCHEMATIC	Y	Y	Y	Z												
B-MH-H744-Ø-6	4		MODULE ECO HISTORY	AD	AE	AE	AF												
		5009725	ETCHED BOARD	H	H	H	H												
A-SP-H744-Ø-3			TEST PROCEDURE	REF	REF	REF													
A-SP-H744-Ø-8			MFG SPEC	REF	REF	REF													
D-PS-1210737-Ø-Ø	1		HEAT SINK	REF	REF	REF													
D-IA-5309756-Ø-Ø	1		REGULATOR BRK'T	REF	REF	REF													
C-MD-5309760-Ø-Ø	1		COMPONENT COVER	REF	REF	REF													
C-MD-5309759-Ø-Ø	1		CAPACITOR STRAP	REF	REF	REF													
A-PI-3700074-Ø-Ø	2		PACKAGING INSTRUCTION	REF	REF	REF													
A-PS-9905211-Ø-Ø	2		OUTER CARTON	REF	REF	REF													
A-PS-9905212-Ø-Ø	2		INNER PACKAGING	REF	REF	REF													
C-IA-7412388-Ø-Ø			2.5 CAP HOLDER	REF	REF	REF													
C-MD-7419952-Ø-Ø			COMPONENT COVER	REF		REF													
K-PL-H744-Ø-DBP	3		PARTS LIST	-	-	-	AB												

NOTES:

REVISIONS	DATE	CHG NO.	REV.	R	S	T																
	2-77	00018																				
	3-78	00019																				
	3-81	00020																				
		H744-Ø																				
		MLO21																				

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USED ON OPTION/MODEL	11/45	ORN. D. FONTAINE	2-4-72	TITLE	+5V REGULATOR		
CHK'D		D. FONTAINE	2-4-72	SIZE CODE	BDD	NUMBER	H744-Ø
ENG.		G. POTTER	2-24-72	REV.	T		
PROD.		A. HIRSCH	2-24-72	SHEET 2 OF 4			

DRAWING NO.	NO. OF SHTS	PART NO.	DESCRIPTION	REVISIONS															
				Y	Y	Z													
D-AH-H744-Ø-5			ASSY DRILLING/HOLE LAYOUT	Y	Y	Z													
E-UA-H744-Ø-Ø	1		UNIT ASSY	W	W	L	A	B											
D-CS-H744-Ø-1	1		CIRCUIT SCHEMATIC	W	W	L	Z												
B-MH-H744-Ø-6	4		MODULE ECO HISTORY	AC	AE	AF													
		5009725	ETCHED BOARD	H	H	H													
A-SP-H744-Ø-3			TEST PROCEDURE	REF															
A-SP-H744-Ø-8			MFG SPEC	REF															
D-PS-1210737-Ø-Ø	1		HEAT SINK	REF															
D-IA-5309756-Ø-Ø	1		REGULATOR BRK'T	REF															
C-MD-5309760-Ø-Ø	1		COMPONENT COVER	REF															
C-MD-5309759-Ø-Ø	1		CAPACITOR STRAP	REF															
A-PI-3700074-Ø-Ø	2		PACKAGING INSTRUCTION	REF															
A-PS-9905211-Ø-Ø	2		OUTER CARTON	REF															
A-PS-9905212-Ø-Ø	2		INNER PACKAGING	REF															
C-IA-7412388-Ø-Ø			2.5 CAP HOLDER	REF															
C-MD-7419952-Ø-Ø			COMPONENT COVER	REF															
K-PL-H744-Ø-DBP	3		PARTS LIST					A	B										

NOTES:

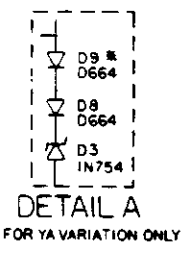
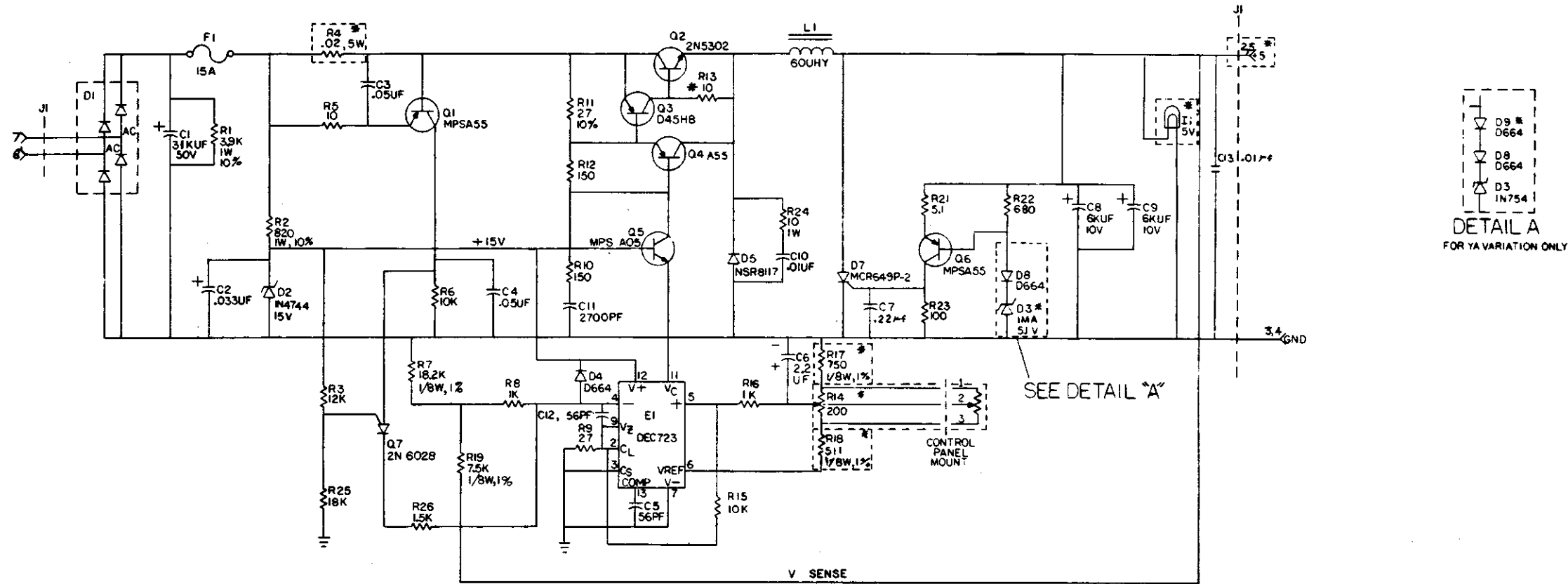
REVISIONS		DATE	CHG NO.	REV.
		2-77	00017	R
		3-81	00019	T
			H744-M1021	

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USED ON OPTION/MODEL	DRN.	DATE	TITLE
11/45	D. FONTAINE	2-4-72	+5V REGULATOR
	CHK'D D. FONTAINE	2-4-72	
	ENG. G. POTTER	2-24-72	SIZE CODE BDD NUMBER H744-Ø REV. T
	PROD. A. HIRSCH	2-24-72	

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*FUSIBLE RESISTOR

- FOR YA VARIATION COMPONENT VALUES ARE AS FOLLOWS:-
- R4 - .06 5W
 - R14 - 1K 10 TURN
 - R17 - 300 1/8W 1%
 - R18 - 150 1/4W 5%
 - D3 - IN754
 - I1 - 15V
 - J1-2,5 - +20-8.0V
- # D9 - D664 ADDED FOR YA VARIATION ONLY

UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%

AL BARON	7-10-81	7-11-81	7-12-81	7-13-81	7-14-81	7-15-81	7-16-81	7-17-81	7-18-81	7-19-81	7-20-81	7-21-81	7-22-81	7-23-81	7-24-81	7-25-81	7-26-81	7-27-81	7-28-81	7-29-81	7-30-81	7-31-81
H744-00013	H744-00014	H744-00015	H744-00016	H744-00017	H744-00018	H744-00019	H744-00020	H744-00021	H744-00022	H744-00023	H744-00024	H744-00025	H744-00026	H744-00027	H744-00028	H744-00029	H744-00030	H744-00031	H744-00032	H744-00033	H744-00034	H744-00035

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
ETCH BOARD REV F H				
PARTS LIST				
	IN664A	SAME	MPSA55	
	D664	IN3606	2N5302	
	MCR649P-2		D45H8	
	IN751A	SAME	MPSA05	
	IN4744	SAME		
	NSR8117			
	2N6028			
DEC NO.	EIA NO.	DEC NO.	EIA NO.	
SEMICONDUCTOR CONVERSION CHART				
TITLE: +5V REGULATOR			EQUIPMENT CORPORATION	
DGS H744-0-1			REV. Z	

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
				00	YA	
1	1	5009725-00	H744 H	1	1	
2	2	1002627-00	2.2MFD 20V 10% S.TANT	1	1	C6
3	3	1001610-00	.01 MFD 50V +80-20% 25U CER	2	2	C10,C13
4	4	1001637-00	2700.0 MMF 100V 5%200PFM MICA	1	1	C11
5	5	1000050-00	.033 MFD 100V 10% MYLK	1	1	C2
6	6	1001774-00	.05 MFD 25V 10% Y5U DISC	2	2	C4,C3
7	7	1010858-00	31,000 MFD 50V +75-10% AL EL	1	1	C1
8	8	1010704-00	6000 MFD 10V +75-10% AL EL	2	2	C8,C9
9	9	1110714-00	NSS3514 FWR@400 I=20A (TRW)	1	1	D1
10	10	1105648-00	1N 4744 VZ= 15.0 10% 1W	1	1	D2
11	11	1100114-00	D 664 QS\75PCB PIV= 25V SP	2	-	D4,D8
		CONT		-	3	D4,D8,D9
12	12	1110715-00	NSR8117 PIV= 75 I=20A T03 SM	1	1	D5
13	13	9009142-02	SCREW, PHILLIPS FLAT HEAD, SELF	4	4	
14	14	1109465-00	MCR 649P2SCR@ 50V I=20A T041	1	1	D7
15	15	1110925-00	ITTZ429 VZ= 5.1 2% .40W M	1	0	D3
16	16	1300250-00	150.0 .25 W 5.0 % CC	2	-	R12,R10
		CONT		-	3	R12,R10,R18
17	17	1301317-00	10.0 .25 W 5.0 % CC	1	1	R5
18	18	1302927-00	3.90 K 1.0 W10.0 % CC	1	1	R1
19	19	1300358-00	820.0 1.0 W10.0 % CC	1	1	R2
20	20	1310876-00	.02 5.0 W 3.0 % WW	1	0	R4
21	21	1300479-00	10.0 K .25 W 5.0 % CC	2	2	R6,R15
22	22	1302465-00	18.0 K .25 W 5.0 % CC	1	1	R25
23	23	1302411-00	511.0 .25 W 1.0 % RN55D-F10	1	0	R18
24	24	1300365-00	1.0 K .25 W 5.0 % CC	2	2	R8,R16
25	25	1309412-00	18.20 K .25 W 1.0 % RN55D-F10	1	1	R7
26	26	1301522-00	27.0 .25 W 5.0 % CC	2	2	R9,R11
27	27	1302955-00	750.0 .25 W 1.0 % RN55D-F10	1	0	R17
28	28	1301420-00	*** THIS ITEM IS NOT USED ***	-	-	

REVISION HISTORY		BASIC PART NO: OH744		DRN:	W.G.	DATE: 12-16-71	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	D. FONTAINE	DATE: 12-19-71	TITLE PARTS LIST			
G.P.	H744-ML021	AB	SECTION.VARIATION INDEX				5V REGULATOR			
			[A] 00, YA							
			[B]							
			[C]	DES.ENG:	G. POTTER	DATE: 12-28-71				
			[D]							
			[E]							
			[F]	RESP.ENG.:	G. POTTER	DATE: 12-28-71	DOCUMENT NUMBER			
			[H]				SIZE	CODE	NUMBER	REV
			[J]							
			[K]	MFG.ENG.:	A. HIRSCH	DATE: 01-07-72	K	PL	H744-0-DBP	AB
			[L]							
			[M]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
			[N]	E-UA-H744-0-0		#B-DD-H744-0	MLO4AB.PLS		13	

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
					00	YA	
29	29		9006011-01	SCREW,PAN,PHIL 4-40X 3/8 SS	1	1	
30	30		1300229-00	100.0 .25 W 5.0 Z CC	1	1	R23
31	31		1309422-00	5.10 .25 W 5.0 Z CC	1	1	R21
32	32		1310852-00	200.0 .50 W20.0 Z POT	1	0	R14
33	33		1510196-00	2N 5302/HSNPN 200WC SI 60 40 M	1	1	Q2
34	34		1510706-00	XA 55 PNF 500MW SI 60 50 P	3	3	Q1,Q6,Q4
35	35		1510708-01	D 45H8CPNF 50WT SI 60 60 Y	1	1	Q3
36	36		1510705-00	XA 05 NFN 500MW SI 60 50 P	1	1	Q5
37	37		1910415-00	723 VOLT REG VAR 2/37V	1	1	E1
38	38		1209340-00	MATE-N-LOK 8POS COMM HSG,SKT	1	1	J1
39	39		9009000-00	EYELET,ROLL FLANGE .1210DX .156	6	6	
40	40		9007203-00	CLIP, FUSE, WITH STOP, SCREW MLU	2	2	
41	41		1213237-01	FUSE, RECTIFIER 15A, 65V	1	1	F1
42	42		9009669-01	SCREW,PAN,SLOT 10-32X 5/16 SS	4	4	
43	43		9008185-00	NUT,KEP , 6-32X1/4 AF	3	3	
44	44		9006721-00	WASHER, SPECIAL INSULATING, #294	3	3	
45	45		9008301-01	SCREW,PAN,PHIL 4-40X 1/4 SS	2	2	
46	46		1610850-00	44. UH 25A #MMC4347	1	1	L1
47	47		1300171-00	10.0 1.0 W 5.0 Z CC	1	1	R24
48	48		1000012-00	56.0 MMF 100V 5%200PPM MICA	2	2	C5,C12
49	49	D-PS-1210737-0-0		HEAT SINK REGULATOR	1	1	
50	50	C-IA-12388-0-0		HOLDER, CAPACITOR 2.5	1	1	
51	51	D-IA-5309756-0-9		BRACKET, REGULATOR	1	1	
52	52	C-MD-5309759-0-0		STRAP, CAPACITOR	2	2	
53	53		1209456-01	MATE-N-LOK SKT COMM PC MTG LOOSE	8	8	
54	54		9006009-02	*** THIS ITEM IS NOT USED ***	-	-	
55	55		9006633-00	WASHER,LOCK,INT,.2800D X .146ID	1	1	
56	56		9008020-02	SCREW,FLAT,PHIL, 6-32X 3/16	1	1	
57	57	C-MD-5309760-0-0		COVER	0	1	
58	58		9006020-01	SCREW,PAN,PHIL 6-32X 1/4 SS	1	1	
59	59		1510877-00	2N 6028 UJT 300MW R67B	1	1	Q7
60	60		1300488-00	12.0 K .25 W 5.0 Z CC	1	1	R3
61	61		1305322-00	7.50 K .25 W 1.0 Z RN55D-F10	1	1	R19
62	62		1300391-00	1.50 K .25 W 5.0 Z CC	1	1	R26
63	63		9008268-00	COMPOUND, THERMAL JOINT	A/R	A/R	
64	64		1210907-00	HT STNK BRIDGE RECT #295-1-G	1	1	
65	65		9008033-01	SCREW,PAN,PHIL 4-40X 9/16 SS	6	6	
66	66		9006557-00	NUT,KEP , 4-40X 1/4 AF	7	7	
67	67		9006632-00	WASHER,LOCK,INT,.2600D X .120ID	8	8	
68	68		1209219-01	LAMP 6V@200MA,T1-3/4PINS#2319	1	0	I1
69	69		1301424-00	680.0 .25 W 5.0 Z CC	1	1	R22
70	70	A-PI-3700074-0-0		PACKAGING INSTRUCTIONS	1	1	
71	71		9006025-01	SCREW,PAN,PHIL 6-32X 5/8 SS	1	1	
72	72		1209169-00	LAMP, 15V @ .040AMP MAX, .075 CP	0	1	I1
73	73		9006635-00	WASHER,LOCK,INT,.3100D X .200ID	4	4	
74	74		9009157-00	*** THIS ITEM IS NOT USED ***	-	-	
75	75		9107302-11	*** THIS ITEM IS NOT USED ***	-	-	
76	76		9107278-11	*** THIS ITEM IS NOT USED ***	-	-	

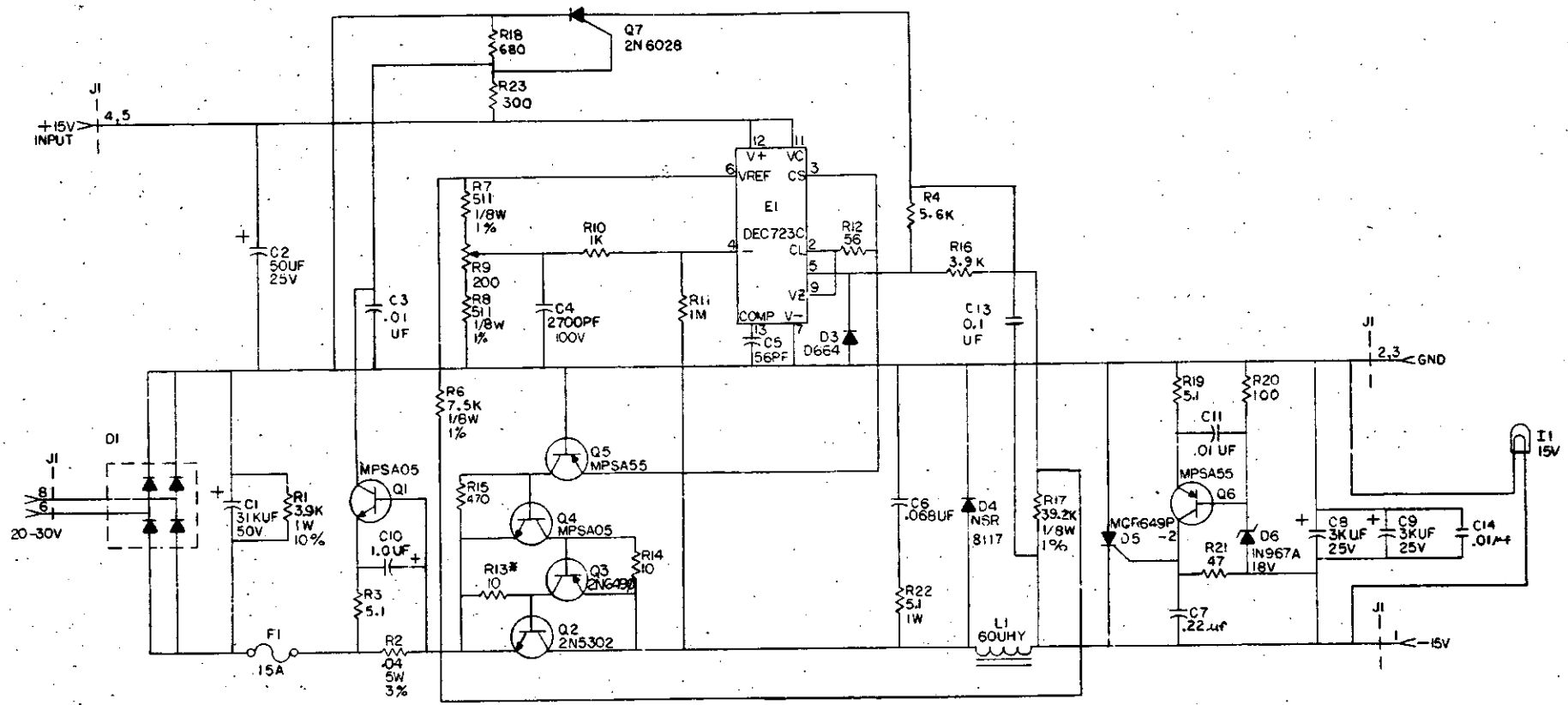
D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							5V REGULATOR			K	FL	H744-0-DBP	AB

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
					00	YA	
77	77		1505555-00	*** THIS ITEM IS NOT USED ***	-	-	
78	78		9107252-09	*** THIS ITEM IS NOT USED ***	-	-	
79	79	SEE NOTE	1700014-00	CABLE, COAX, 3 COND.	0	1	
80	80		9007079-00	CLAMP, CABLE, SCREW MNT, 1/8"	0	1	
81	81		1309532-04	1.0 K 2.0 W 5.0 % POT	0	1	R14
82	82		1301425-00	300.0 .25 W 5.0 % CC	0	1	R17
83	83		7419952-00	COVER COMPONENT	0	1	
84	84		1310876-02	.06 5.0 W 3.0 % WW	0	1	R4
85	85		1109991-00	1N 754A VZ= 6.8 5% .40W	0	1	D3
86	86		9003848-00	WASHER, FIBER, W/ADH. BACK, 1/2	0	2	
87	87		1010274-00	.22 MFD 50V +80-20% Z5U CER	1	1	C7
88	88		1312496-00	10.0 .25 W 5.0 % FUSE	1	1	R13
89	89		9009769-00	WASHER, RECTANGULAR .405X.225X.0	1	1	
90	90	A-DC-7416945-1-0		DECAL (H744)	1	1	
91	91		1214074-00	STRAP, THERMAL	1	1	
92	92	D-CS-H744-0-1		CIRCUIT SCHEMATIC	-	REF	
93	93	B-MH-H744-0-6		MODULE ECO HISTORY	-	REF	
94	94	K-CD-H744-0-4		X-Y COORDINATE HOLE LOCATION	-	REF	
95	95	D-AH-H744-0-5		ASSY/DRILLING HOLE LAYOUT	-	REF	

96 NOTE: CUT CABLE TO LENGTH OF 12 IN.

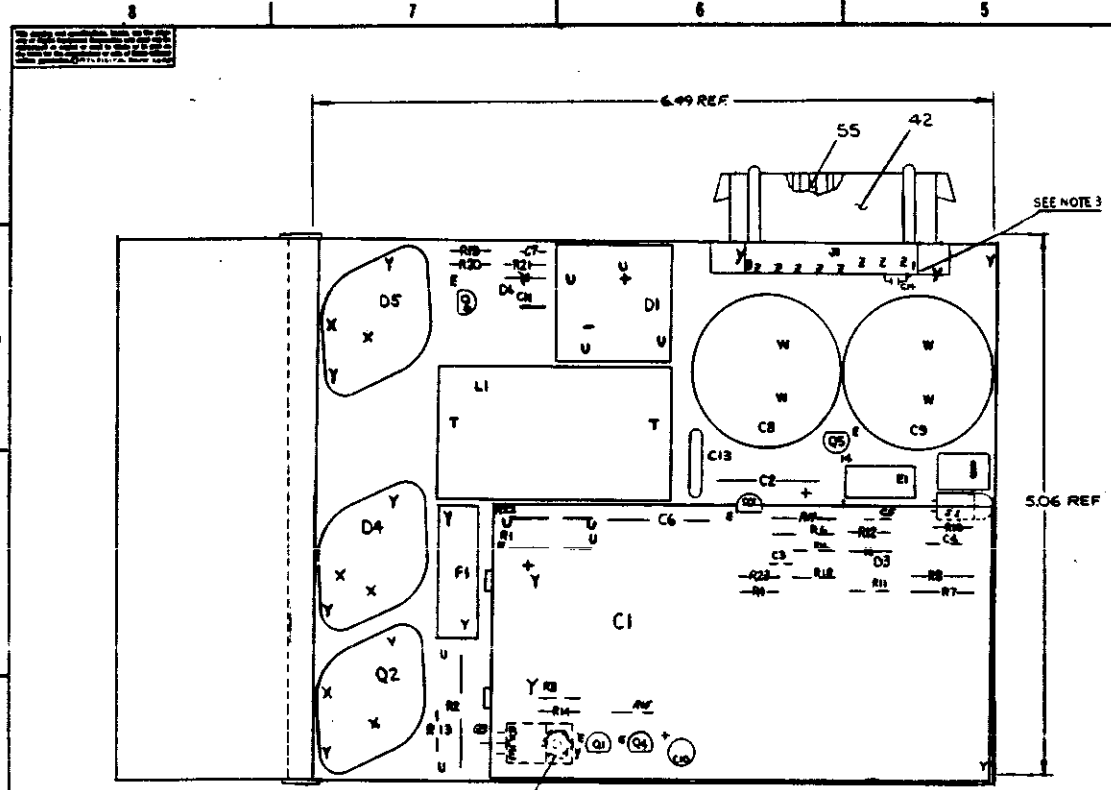
DIGITAL				TITLE	SECTION A OF A		SIZE	CODE	DOCUMENT NUMBER	REV
				SV REGULATOR			K	PL	H744-0-DBF	AB

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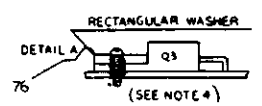
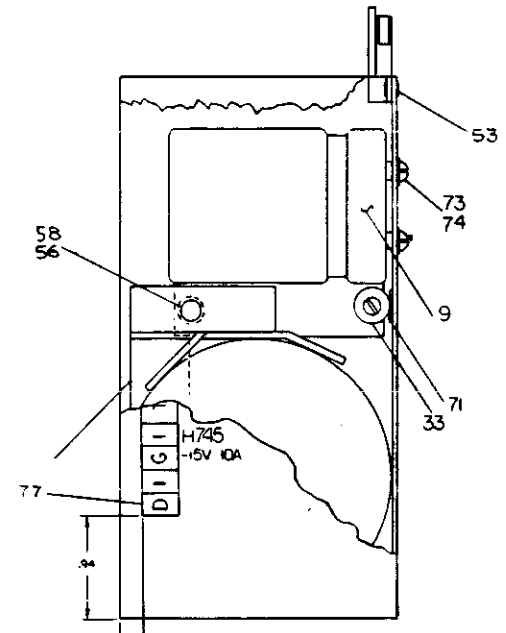


* FUSIBLE
UNLESS OTHERWISE INDICATED:
RESISTORS = 1/4W, 5%

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
	ETCH BOARD REV	E		
	D664	IN 3606	D45H 8	
	NSR 8117		2N 6028	
	MCR649P - 2			
	1N 967A	SAME		
	2N 5302			
	MPS A05			
	MPS A55			
	DEC NO.	EIA NO.	DEC NO.	EIA NO.
SEMICONDUCTOR CONVERSION CHART				
DCS H745-0-1 AA EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			TITLE -15V REG	
DATE: 11-8-71 CHECKED: [Signature] ENGR: [Signature] PROJ. MGR: [Signature] NEXT HIGHER ASSY:			SIZE CODE: DCS PART NO: H745-0-1 AA	
SHEET 1 OF 1				

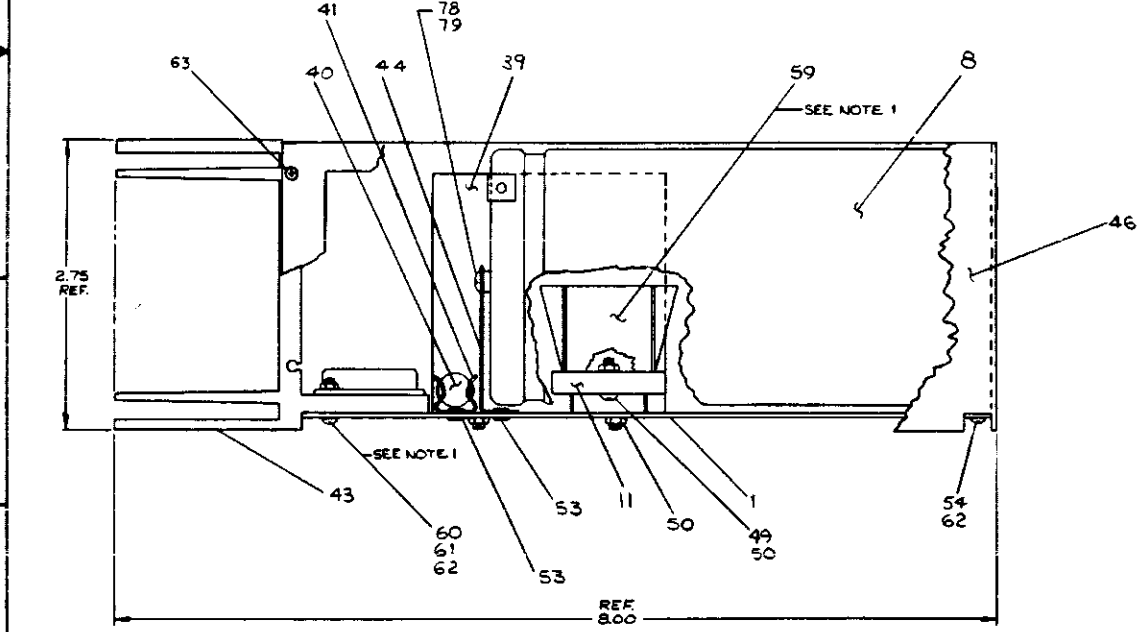


NOTE:
3. INSERT C14 INTO ETCH PAD HOLES CONNECTED TO J1 TERMINALS 1-2.



NOTE 4:
Q3 SCREW HEAD SHOULD BE ON TOP OF FLAT RECTANGULAR WASHER AS SHOWN. APPLY 6 INCH LBS. OF TORQUE WHEN SECURING Q3 TO CXT. BOARD BEFORE SOLDERING.

NOTE 5: TORQUE APPLICATION
(1) APPLY 8 INCH LBS. OF TORQUE TO ALL #4 HARDWARE EXCEPT Q3.
(2) APPLY 12 INCH LBS. OF TORQUE TO ALL #6 HARDWARE 16 IN LBS TO #10 HARDWARE
(3) ALL HARDWARE TO BE TORQUED BEFORE SOLDERING.

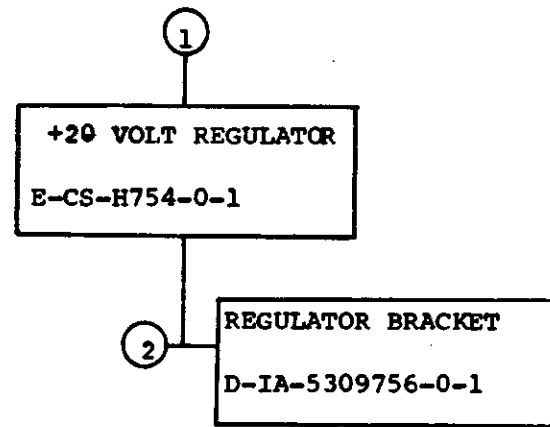


NOTE:
1. APPLY ITEM #51 (THERMAL COMPOUND) BETWEEN TRANSISTOR AND INSULATOR WASHER (ITEM #62) ALSO BETWEEN WASHER & HEAT SINK FOR Q1, Q4 & Q5 ALSO APPLY ITEM #51 (COMPOUND) BETWEEN ITEM #11 (3 ODE BRIDGE AND ITEM #59 (HEAT SINK).
2. 1010&21 MAY BE SUBSTITUTED FOR C13 (1000030).

QTY	DESCRIPTION	REF. DES.	QTY	DESCRIPTION	REF. DES.
1	ASSY DRILLING HOLE LAYOUT	D-14-H745-0-5	70		
1	PACKING INSTRUCTIONS	API-370007M-0-0	89		
1	RES. 470 W/V 5%	1300316	81		
1	RES. 10K W/V 5%	7416945-02	80		
1	RES. 200 W/V 5%	9006433	79		
1	C14 (SEE NOTE 2)	9007449-01	78		
1	CAP. 22UF 50V	1010214	77		
1	WASHER, RECTANGULAR	9007479	76		
1	RES. 10S700M FUSIBLE	112456-00	75		
4	LOCKWASHER #10 INT	9006433	74		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	73		
1	TRANSISTOR	9008206	71		
1	INSULATOR WASHER	9008206	70		
1	HEAT SINK	9008206	69		
1	WASHER	9008206	68		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	67		
1	RES. 10K W/V 5%	7416945-02	66		
1	RES. 470 W/V 5%	1300316	65		
1	RES. 200 W/V 5%	9006433	64		
1	CAP. 22UF 50V	1010214	63		
1	WASHER, RECTANGULAR	9007479	62		
1	RES. 10S700M FUSIBLE	112456-00	61		
4	LOCKWASHER #10 INT	9006433	60		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	59		
1	TRANSISTOR	9008206	58		
1	INSULATOR WASHER	9008206	57		
1	HEAT SINK	9008206	56		
1	WASHER	9008206	55		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	54		
1	RES. 10K W/V 5%	7416945-02	53		
1	RES. 470 W/V 5%	1300316	52		
1	RES. 200 W/V 5%	9006433	51		
1	CAP. 22UF 50V	1010214	50		
1	WASHER, RECTANGULAR	9007479	49		
1	RES. 10S700M FUSIBLE	112456-00	48		
4	LOCKWASHER #10 INT	9006433	47		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	46		
1	TRANSISTOR	9008206	45		
1	INSULATOR WASHER	9008206	44		
1	HEAT SINK	9008206	43		
1	WASHER	9008206	42		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	41		
1	RES. 10K W/V 5%	7416945-02	40		
1	RES. 470 W/V 5%	1300316	39		
1	RES. 200 W/V 5%	9006433	38		
1	CAP. 22UF 50V	1010214	37		
1	WASHER, RECTANGULAR	9007479	36		
1	RES. 10S700M FUSIBLE	112456-00	35		
4	LOCKWASHER #10 INT	9006433	34		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	33		
1	TRANSISTOR	9008206	32		
1	INSULATOR WASHER	9008206	31		
1	HEAT SINK	9008206	30		
1	WASHER	9008206	29		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	28		
1	RES. 10K W/V 5%	7416945-02	27		
1	RES. 470 W/V 5%	1300316	26		
1	RES. 200 W/V 5%	9006433	25		
1	CAP. 22UF 50V	1010214	24		
1	WASHER, RECTANGULAR	9007479	23		
1	RES. 10S700M FUSIBLE	112456-00	22		
4	LOCKWASHER #10 INT	9006433	21		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	20		
1	TRANSISTOR	9008206	19		
1	INSULATOR WASHER	9008206	18		
1	HEAT SINK	9008206	17		
1	WASHER	9008206	16		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	15		
1	RES. 10K W/V 5%	7416945-02	14		
1	RES. 470 W/V 5%	1300316	13		
1	RES. 200 W/V 5%	9006433	12		
1	CAP. 22UF 50V	1010214	11		
1	WASHER, RECTANGULAR	9007479	10		
1	RES. 10S700M FUSIBLE	112456-00	9		
4	LOCKWASHER #10 INT	9006433	8		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	7		
1	TRANSISTOR	9008206	6		
1	INSULATOR WASHER	9008206	5		
1	HEAT SINK	9008206	4		
1	WASHER	9008206	3		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	2		
1	RES. 10K W/V 5%	7416945-02	1		

QTY	DESCRIPTION	REF. DES.	QTY	DESCRIPTION	REF. DES.
1	RES. 470 W/V 5%	1300316	81		
1	RES. 10K W/V 5%	7416945-02	80		
1	RES. 200 W/V 5%	9006433	79		
1	CAP. 22UF 50V	1010214	78		
1	WASHER, RECTANGULAR	9007479	77		
1	RES. 10S700M FUSIBLE	112456-00	76		
4	LOCKWASHER #10 INT	9006433	75		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	74		
1	TRANSISTOR	9008206	73		
1	INSULATOR WASHER	9008206	72		
1	HEAT SINK	9008206	71		
1	WASHER	9008206	70		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	69		
1	RES. 10K W/V 5%	7416945-02	68		
1	RES. 470 W/V 5%	1300316	67		
1	RES. 200 W/V 5%	9006433	66		
1	CAP. 22UF 50V	1010214	65		
1	WASHER, RECTANGULAR	9007479	64		
1	RES. 10S700M FUSIBLE	112456-00	63		
4	LOCKWASHER #10 INT	9006433	62		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	61		
1	TRANSISTOR	9008206	60		
1	INSULATOR WASHER	9008206	59		
1	HEAT SINK	9008206	58		
1	WASHER	9008206	57		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	56		
1	RES. 10K W/V 5%	7416945-02	55		
1	RES. 470 W/V 5%	1300316	54		
1	RES. 200 W/V 5%	9006433	53		
1	CAP. 22UF 50V	1010214	52		
1	WASHER, RECTANGULAR	9007479	51		
1	RES. 10S700M FUSIBLE	112456-00	50		
4	LOCKWASHER #10 INT	9006433	49		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	48		
1	TRANSISTOR	9008206	47		
1	INSULATOR WASHER	9008206	46		
1	HEAT SINK	9008206	45		
1	WASHER	9008206	44		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	43		
1	RES. 10K W/V 5%	7416945-02	42		
1	RES. 470 W/V 5%	1300316	41		
1	RES. 200 W/V 5%	9006433	40		
1	CAP. 22UF 50V	1010214	39		
1	WASHER, RECTANGULAR	9007479	38		
1	RES. 10S700M FUSIBLE	112456-00	37		
4	LOCKWASHER #10 INT	9006433	36		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	35		
1	TRANSISTOR	9008206	34		
1	INSULATOR WASHER	9008206	33		
1	HEAT SINK	9008206	32		
1	WASHER	9008206	31		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	30		
1	RES. 10K W/V 5%	7416945-02	29		
1	RES. 470 W/V 5%	1300316	28		
1	RES. 200 W/V 5%	9006433	27		
1	CAP. 22UF 50V	1010214	26		
1	WASHER, RECTANGULAR	9007479	25		
1	RES. 10S700M FUSIBLE	112456-00	24		
4	LOCKWASHER #10 INT	9006433	23		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	22		
1	TRANSISTOR	9008206	21		
1	INSULATOR WASHER	9008206	20		
1	HEAT SINK	9008206	19		
1	WASHER	9008206	18		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	17		
1	RES. 10K W/V 5%	7416945-02	16		
1	RES. 470 W/V 5%	1300316	15		
1	RES. 200 W/V 5%	9006433	14		
1	CAP. 22UF 50V	1010214	13		
1	WASHER, RECTANGULAR	9007479	12		
1	RES. 10S700M FUSIBLE	112456-00	11		
4	LOCKWASHER #10 INT	9006433	10		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	9		
1	TRANSISTOR	9008206	8		
1	INSULATOR WASHER	9008206	7		
1	HEAT SINK	9008206	6		
1	WASHER	9008206	5		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	4		
1	RES. 10K W/V 5%	7416945-02	3		
1	RES. 470 W/V 5%	1300316	2		
1	RES. 200 W/V 5%	9006433	1		

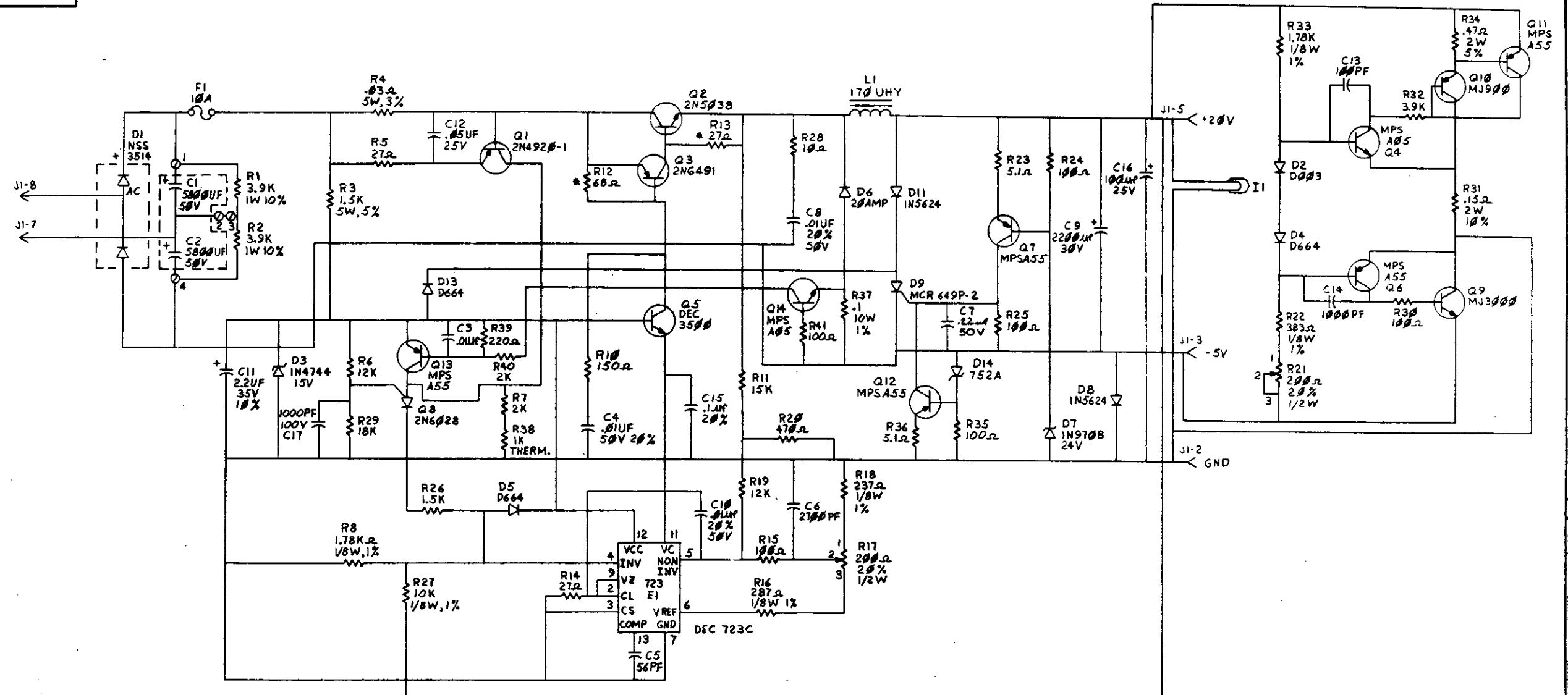
QTY	DESCRIPTION	REF. DES.	QTY	DESCRIPTION	REF. DES.
1	RES. 470 W/V 5%	1300316	81		
1	RES. 10K W/V 5%	7416945-02	80		
1	RES. 200 W/V 5%	9006433	79		
1	CAP. 22UF 50V	1010214	78		
1	WASHER, RECTANGULAR	9007479	77		
1	RES. 10S700M FUSIBLE	112456-00	76		
4	LOCKWASHER #10 INT	9006433	75		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	74		
1	TRANSISTOR	9008206	73		
1	INSULATOR WASHER	9008206	72		
1	HEAT SINK	9008206	71		
1	WASHER	9008206	70		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	69		
1	RES. 10K W/V 5%	7416945-02	68		
1	RES. 470 W/V 5%	1300316	67		
1	RES. 200 W/V 5%	9006433	66		
1	CAP. 22UF 50V	1010214	65		
1	WASHER, RECTANGULAR	9007479	64		
1	RES. 10S700M FUSIBLE	112456-00	63		
4	LOCKWASHER #10 INT	9006433	62		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	61		
1	TRANSISTOR	9008206	60		
1	INSULATOR WASHER	9008206	59		
1	HEAT SINK	9008206	58		
1	WASHER	9008206	57		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	56		
1	RES. 10K W/V 5%	7416945-02	55		
1	RES. 470 W/V 5%	1300316	54		
1	RES. 200 W/V 5%	9006433	53		
1	CAP. 22UF 50V	1010214	52		
1	WASHER, RECTANGULAR	9007479	51		
1	RES. 10S700M FUSIBLE	112456-00	50		
4	LOCKWASHER #10 INT	9006433	49		
4	SCR #10-32(3) SLOTTED PH HD.	9009443-01	48		
1	TRANSISTOR	9008206	47		
1	INSULATOR WASHER	9008206	46		
1	HEAT SINK	9008206	45		
1	WASHER	9008206	44		
1	SCR #10-32(3) SLOTTED PH HD.	9009443-01	43		
1	RES. 10K W/V 5%	7416945-02	42		
1	RES. 470 W/V 5%	1300316	41		
1					



TITLE	SHEET OF	SIZE CODE	NUMBER	REV
+20 VOLT REGULATOR	3 OF 3	B DD	H754-β	B

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1-0-492H SC D 2

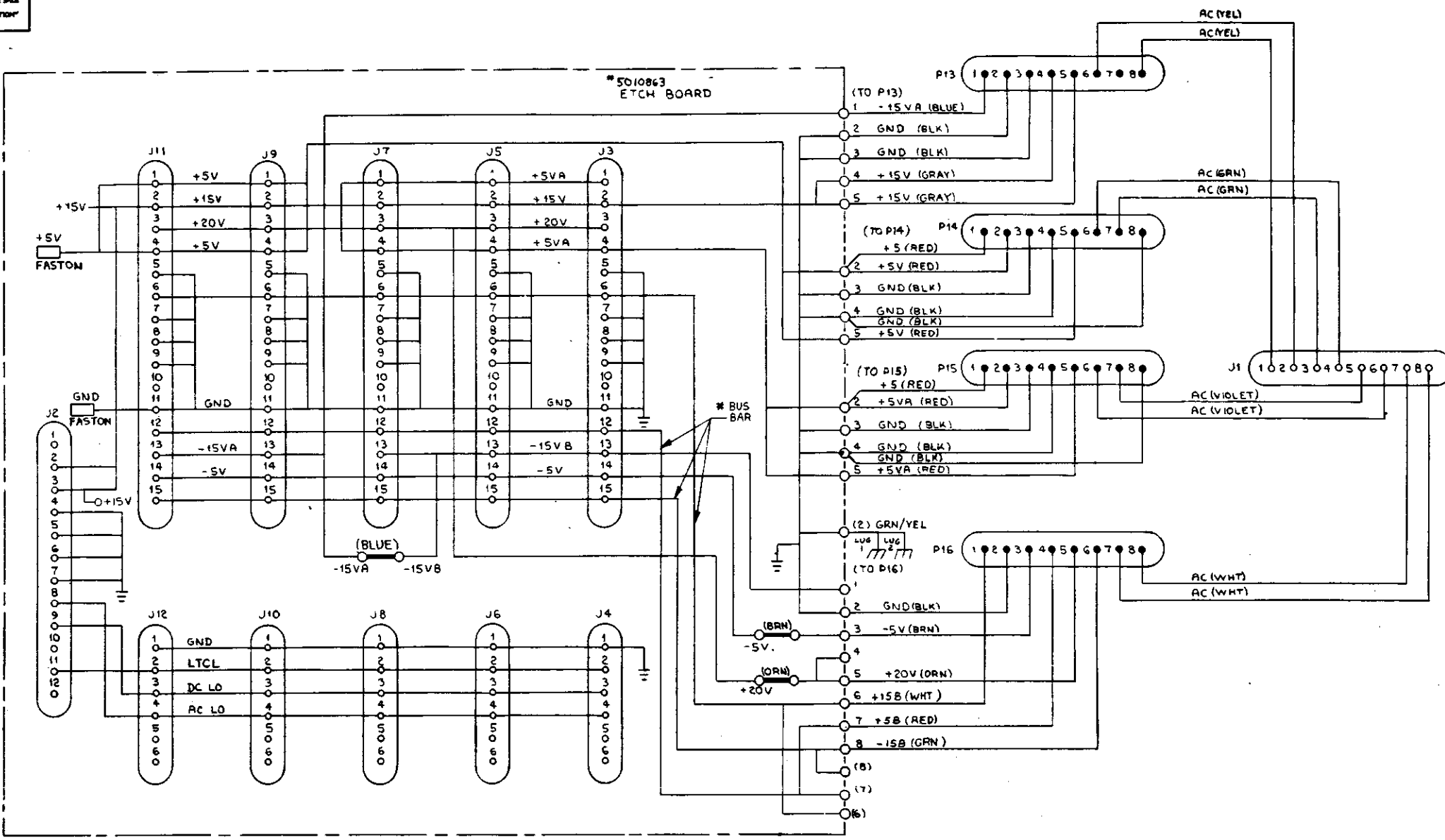


* FUSIBLE RESISTOR

DRN. BISSONNETTE 8-29-72	FIRST USED ON H754	digital
CHK'D R. VOWLES 2-17-72		
ENG. R. BURTON 5-7-73	TITLE	+20 VOLT REGULATOR
PROJ. ENG. R. BURTON 5-7-73		
PROD. L. BAPTISTE 5-9-73		
NEXT HIGHER ASSY.	SIZE CODE	NUMBER
SCALE	D CS	H754-0-1
SHEET 2 OF 2	DIST.	

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DCS 5410864-0-1 2



* BUS BAR USED IN THE YA VARIATION ONLY

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	SIZE CODE	NUMBER	REV.
PWR DIST BOARD	DCS	5410864-0-1	L
SCALE NONE	SHEET 2 OF 3	DIST.	

DCS 5410864-0-1 L

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WIRE TABLE								
ITEM NO	DESCRIPTION	FROM	TO	LENGTH	SIGNAL NAME			
	AWG	COLOR	CONNECTION WITH	CONNECTION WITH				
24	14	YEL	J1-1	8	P13-8	7	12.5"	AC/H745
24		YEL	J1-2		P13-6		12.5"	AC/H745
25		GRN	J1-3		P14-7		11"	AC/H744-1
25		GRN	J1-4		P14-6		11"	AC/H744-1
26		VIO	J1-5		P15-7		8.75"	AC/H744-2
26		VIO	J1-6		P15-6		8.75"	AC/H744-2
27		WHT	J1-7		P16-8		11.25"	AC/H754
27		WHT	J1-8	8	P16-7		11.25"	AC/H754
23		BLU	PDBP13-1	SOLDER	P13-1		5"	-15V
22		BLK	PDBP13-2		P13-2			GND
22		BLK	PDBP13-3		P13-3			GND
21		GRY	PDBP13-4		P13-4			+15V
21		GRY	PDBP13-5		P13-5			+15V
20		RED	PDBP14-2		P14-2			+5V
22		BLK	PDBP14-3		P14-3			GND
22		BLK	PDBP14-4		P14-4			GND
20		RED	PDBP14-5		P14-5			+5V
20		RED	PDBP15-2		P15-2			+5V
22		BLK	PDBP15-3		P15-3			GND
22		BLK	PDBP15-4		P15-4			GND
20		RED	PDBP15-5		P15-5			+5V
22		BLK	PDBP16-2		P16-2			GND
19		BRN	PDBP16-3		P16-3			-5V
18		ORN	PDBP16-5		P16-5	7	5"	+20V
23		BLU	PDP-15A		PDB-15B	SOLDER	1.75"	-15V
18		ORN	PDBP16-5		PDB + 20V		5"	+20V
19		BRN	PDBP16-3	SOLDER	PDB - 5V		2"	-5V
33		GRN/YEL	LUG 1	35	PDBP16-2	SOLDER	11"	SAFETY GND
33			LUG 2	34	LUG 2	34	15"	SAFETY GND
20		RED	PDBP16-7	SOLDER	P16-4	7	5.5"	+5B
20		RED	PDBP15-1		P15-1		5"	+5V
20		RED	PDBP14-1		P14-1		5"	+5V
22		BLK	PDBP15-4		P15-8		5.5"	GND
22		BLK	PDBP14-4		P14-8			GND
27		WHT	PDBP16-6		P16-1			+15B
25	14	GRN	PDBP16-8	SOLDER	P16-6	7	5.5"	-15B

YA VARIATION ONLY.

SEE NOTE 1

BUS BAR CONNECTIONS FOR YA VARIATION		
LEVEL A	PDBP16-6 J11,J9,J7,J5,J3 ALL PIN#6	+15V.B
LEVEL B	PDBP16-7 J11,J9,J7,J5,J3 ALL PIN#12	+5V
LEVEL C	PDBP16-8 J11,J9,J7,J5,J3 ALL PIN#15	-15V.B

NOTES:
 1. CS REV. K AND EARLIER PWR DISTRIBUTION BOARDS HAD THE GREEN AND WHITE WIRES REVERSED IN COLOR ONLY. THE POINT-TO-POINT CONNECTIONS REMAIN THE SAME.

REVISIONS		
CHK	CHANGE NO	REV

TITLE PWR DIST BOARD						SIZE CODE D/CS	NUMBER 5410864-0-1	REV. L
SCALE NONE						SHEET 3 OF 3	DIST.	

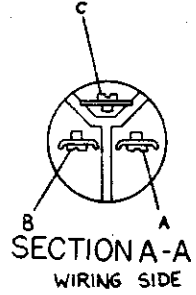
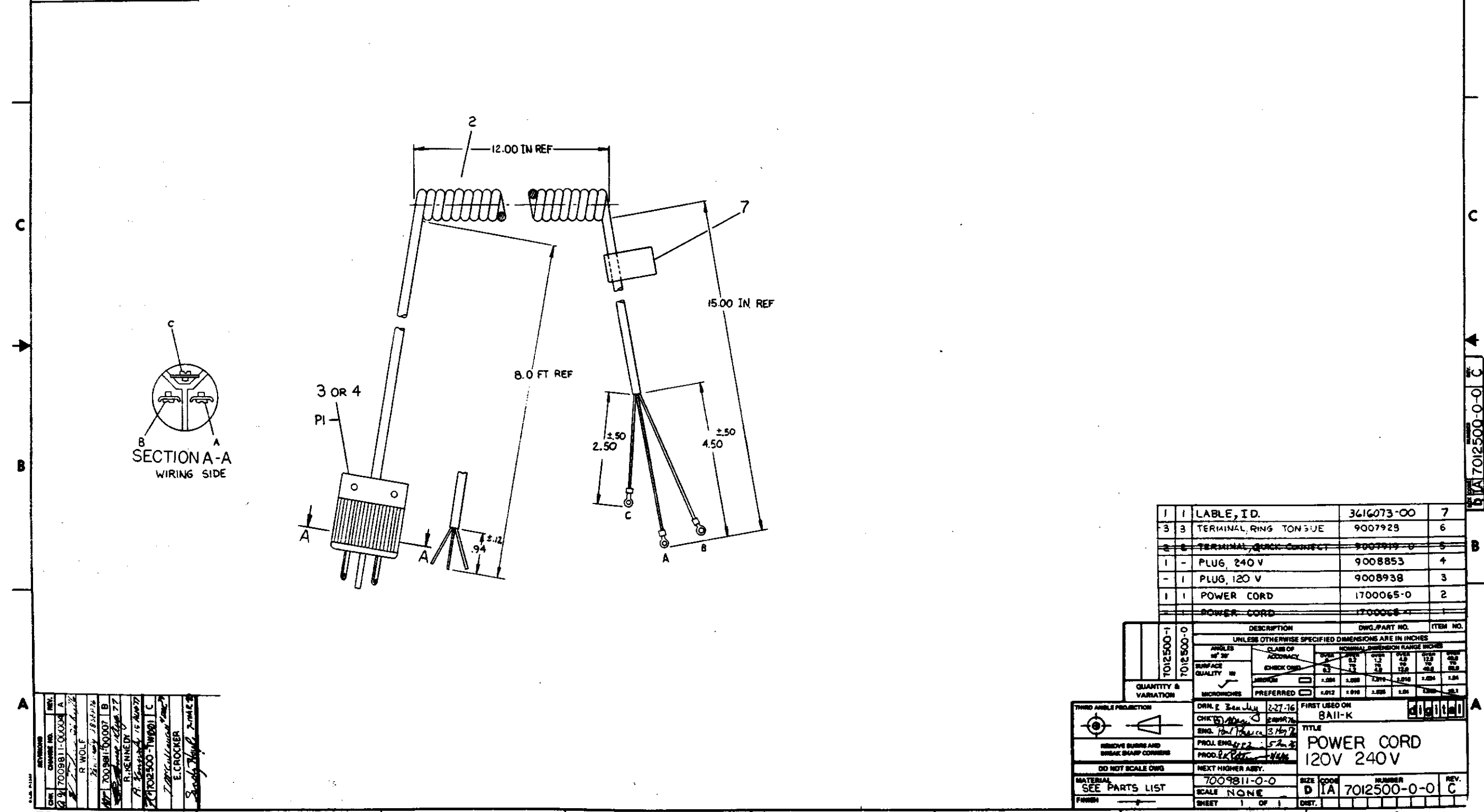
D/CS 5410864-0-1 L

WIRE TABLE (7012500-0)										WIRE TABLE (7012500-1)					
ITEM NO.	DESCRIPTION	FROM	TO	REMARKS	ITEM NO.	DESCRIPTION	FROM	TO	REMARKS						
2	14 BRN	PI-B	B	AC LINE	2	14 BRN	PI-B	B	LINE						
2	14 LT BLU	PI-A	A	AC NEUTRAL	2	14 LT BLU	PI-A	A	NEUTRAL						
2	14 BRN/YEL	PI-C	C	AC SAFETY GND	2	14 GRN/YEL	PI-C	C	AC SAFETY GND						

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LEGEND

NUMBER	VARIATION
7012500-0	120V
7012500-1	240V

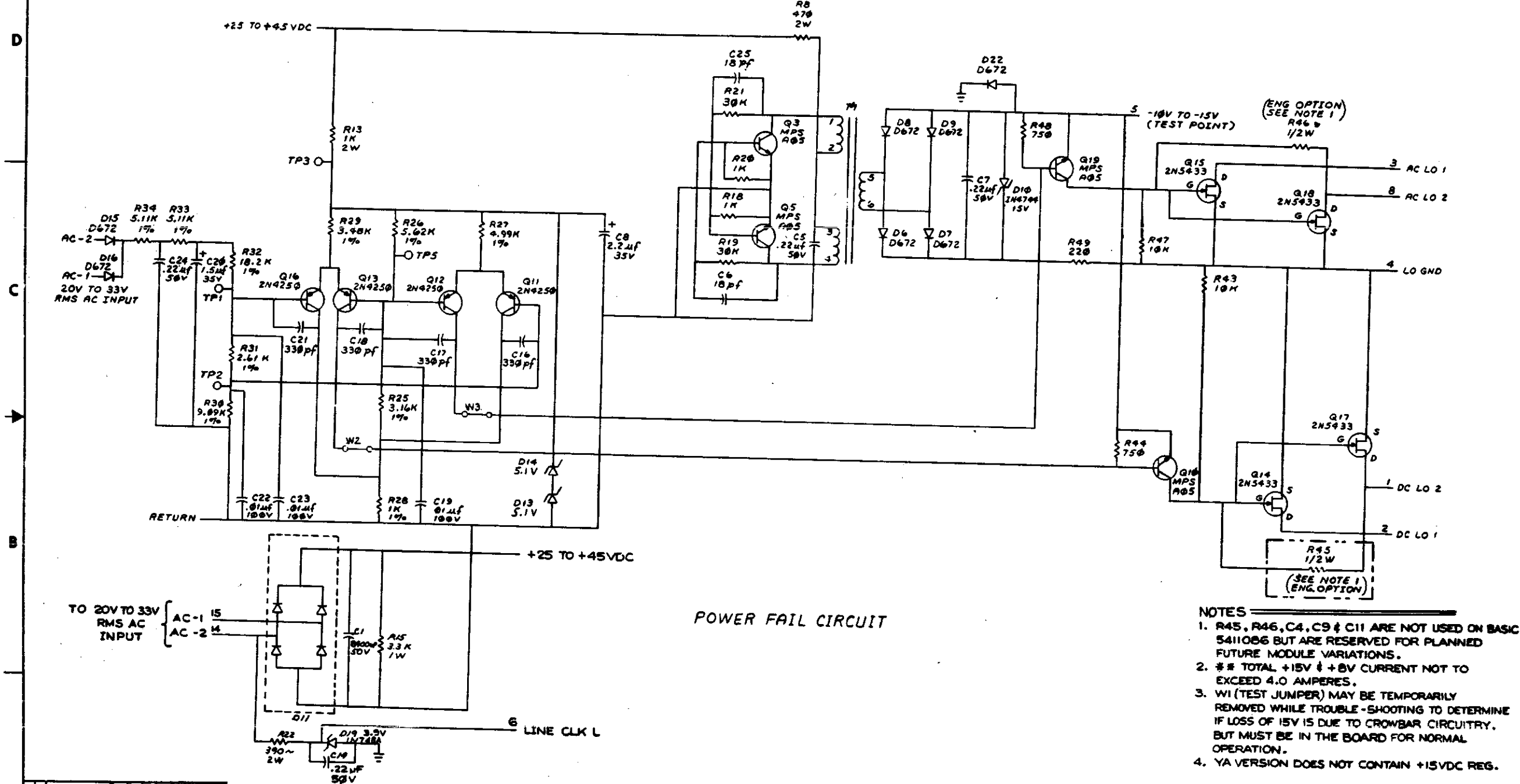


QTY	DESCRIPTION	DWG. PART NO.	ITEM NO.
1	TABLE, I.D.	3616073-00	7
3	TERMINAL RING TONSUE	9007929	6
1	PLUG, 240 V	9008853	4
1	PLUG, 120 V	9008938	3
1	POWER CORD	1700065-0	2

7012500-1	0-0052101	DESCRIPTION	DWG. PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES 90°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE TOLERANCE		
SURFACE QUALITY	CHECK CODE	1.2	1.2	1.2
QUANTITY & VARIATION	MICROINCHES	1.000	1.000	1.000
THIRD ANGLE PROJECTION	DRN: E. Beaulieu 2-27-76	FIRST USED ON	8111-K	
REMOVE BURRS AND BREAK SHARP CORNERS	CHK: D. Adams 2-28-76	TITLE	POWER CORD 120V 240V	
DO NOT SCALE DWG	ENGR: R. J. P. 3-18-76	SIZE	CODE	NUMBER
MATERIAL SEE PARTS LIST	PROJ. ENGR: P. J. 5-2-76	D	IA	7012500-0-0
FINISH	PROD. E. P. 5-2-76	SCALE	NONE	REV. C
	NEXT HIGHER ASBY.	SHEET	1 OF 1	DIST.

REV.	DATE	BY	CHKD.	DESCRIPTION
A	10/20/75	R. WOLF		REVISED TO 240V
B	11/10/75	R. WOLF		REVISED TO 120V
C	12/15/75	R. WOLF		REVISED TO 240V

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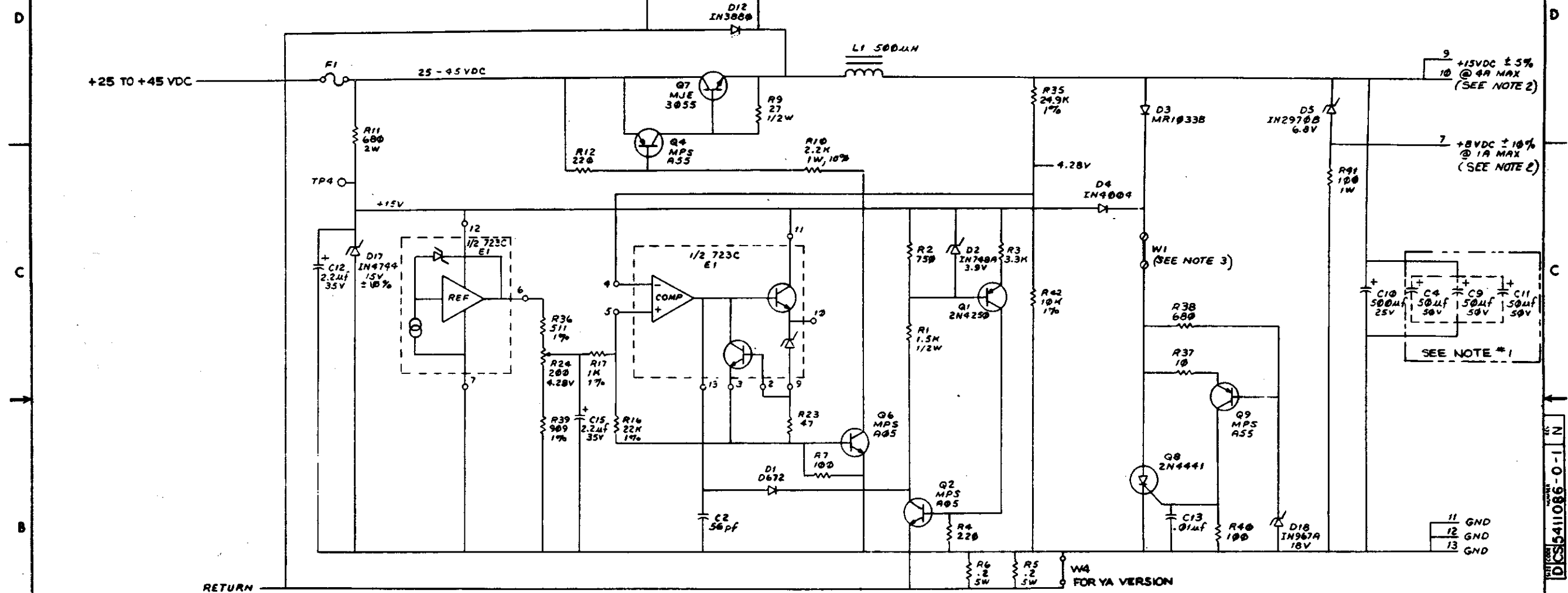


- NOTES
1. R45, R46, C4, C9 & C11 ARE NOT USED ON BASIC 5411086 BUT ARE RESERVED FOR PLANNED FUTURE MODULE VARIATIONS.
 2. ** TOTAL +15V & +5V CURRENT NOT TO EXCEED 4.0 AMPERES.
 3. W1 (TEST JUMPER) MAY BE TEMPORARILY REMOVED WHILE TROUBLE-SHOOTING TO DETERMINE IF LOSS OF 15V IS DUE TO CROWBAR CIRCUITRY, BUT MUST BE IN THE BOARD FOR NORMAL OPERATION.
 4. YA VERSION DOES NOT CONTAIN +15VDC REG.

REV.	INTY.	M
CHANGE NO.		
ML008	CARTER	
	R. KENNEDY	
	G. BARON	
	A. BARON	

DRN:DPWERS	1-11-79	FIRST USED ON	410001
CHK'D	2-18-79	TITLE	POWER LINE
ENG. D.	3-4-79		MONITOR 15V REG
PROJ. ENG.	2-4-79		
PROD. ENG.	4-4-79		
NEXT HIGHER ASBY.			
8-DD-5411086-0	SIZE CODE	NUMBER	REV
SCALE NONE	D CS	5411086-0-1	N
SHEET	OF 2	DIST.	

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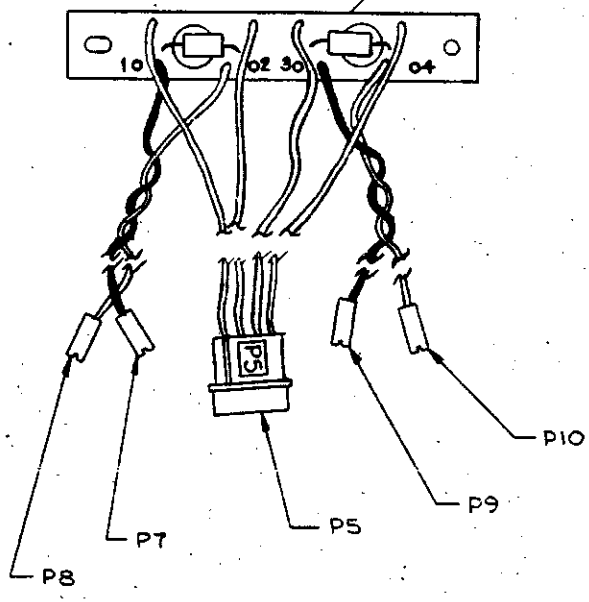
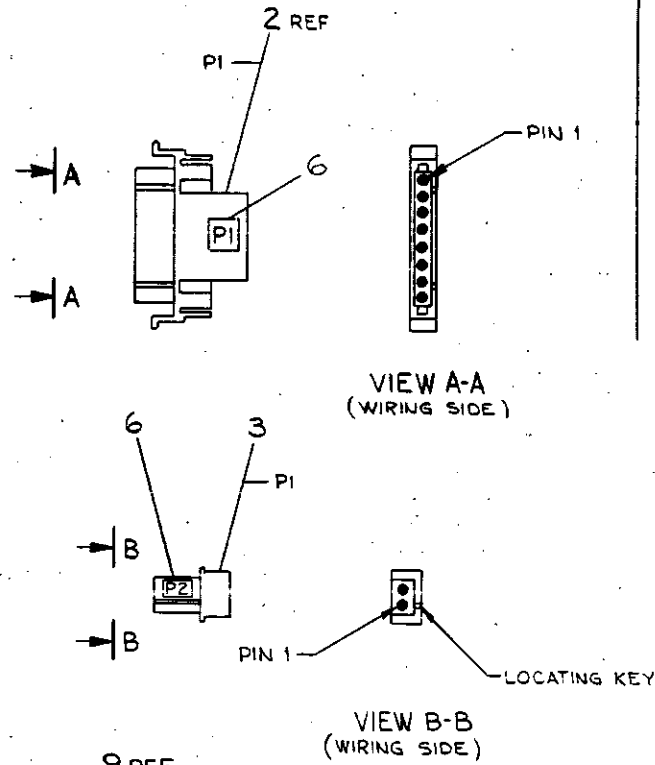
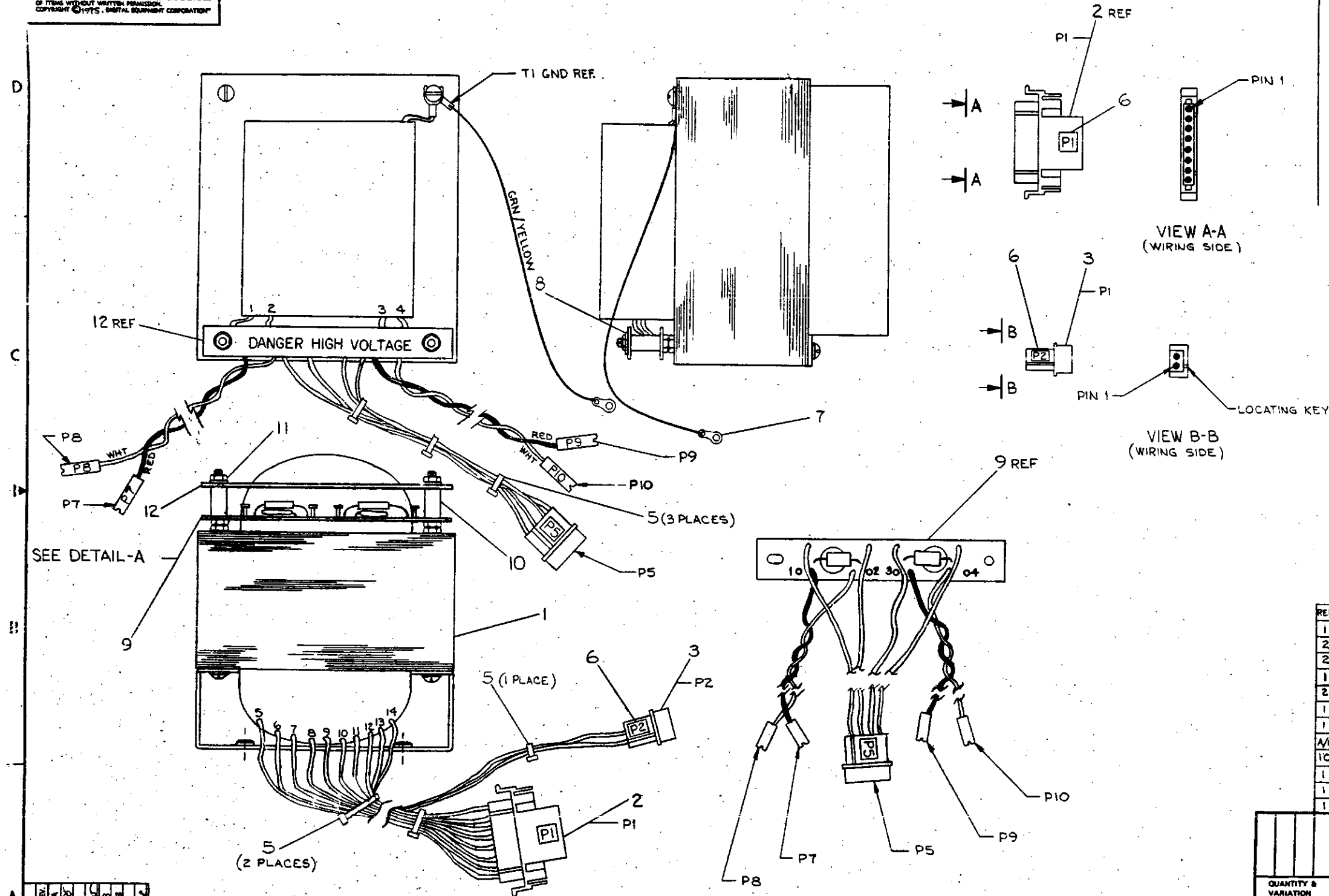


15V REGULATOR
(SEE NOTE #4)

REVISIONS		
CHK	CHANGE NO	REV.

TITLE	PWR. LINE MONITOR/15V REG.	SIZE/COOR	NUMBER	REV.
SCALE	SHEET 2 OF 2	DIST.	DCS 5411086-0-1	N

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REF	DESCRIPTION	DWG./PART NO.	ITEM NO.
REF	TRANSFORMER ASSY PROCEDURE	A-SP-7011486-0-9	13
1	COVER	C-1A-7414301-0-0	12
2	NUT, KEP#10-32	9006565	11
2	SPACER, 3/8ODX 1/2LG	9001831	10
1	CAP MOV BOARD ASSY	D-1A-701751-0-0	9
2	WASHER, FLAT #37X.218ID	9006664	8
1	GROUND LUG	9008150	7
1	DECAL	A-DC-7409872-0-0	6
A/R	CABLE TIES 5/4LX1/3W	9007880	5
10	PIN, MALE	1209378-1	4
1	CONN., 2 PIN	1210822-2	3
1	CONN., 6 PIN	1209340-01	2
1	TRANSFORMER	1612524	1

QUANTITY & VARIATION	DESCRIPTION	DWG./PART NO.	ITEM NO.
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
	ANGLE	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
	1/2 3/4		OVER 0.2 TO 0.3 0.3 TO 0.6 0.6 TO 1.0 1.0 TO 3.0 3.0 TO 6.0 6.0 TO 30.0
	SURFACE QUALITY	CHECK QND	
	MEDIUM	<input type="checkbox"/>	1.004 1.008 1.012 1.016 1.020 1.04 1.04
	MICRONCHES	PREFERRED	<input type="checkbox"/>
			1.012 1.016 1.020 1.04 1.040 1.04

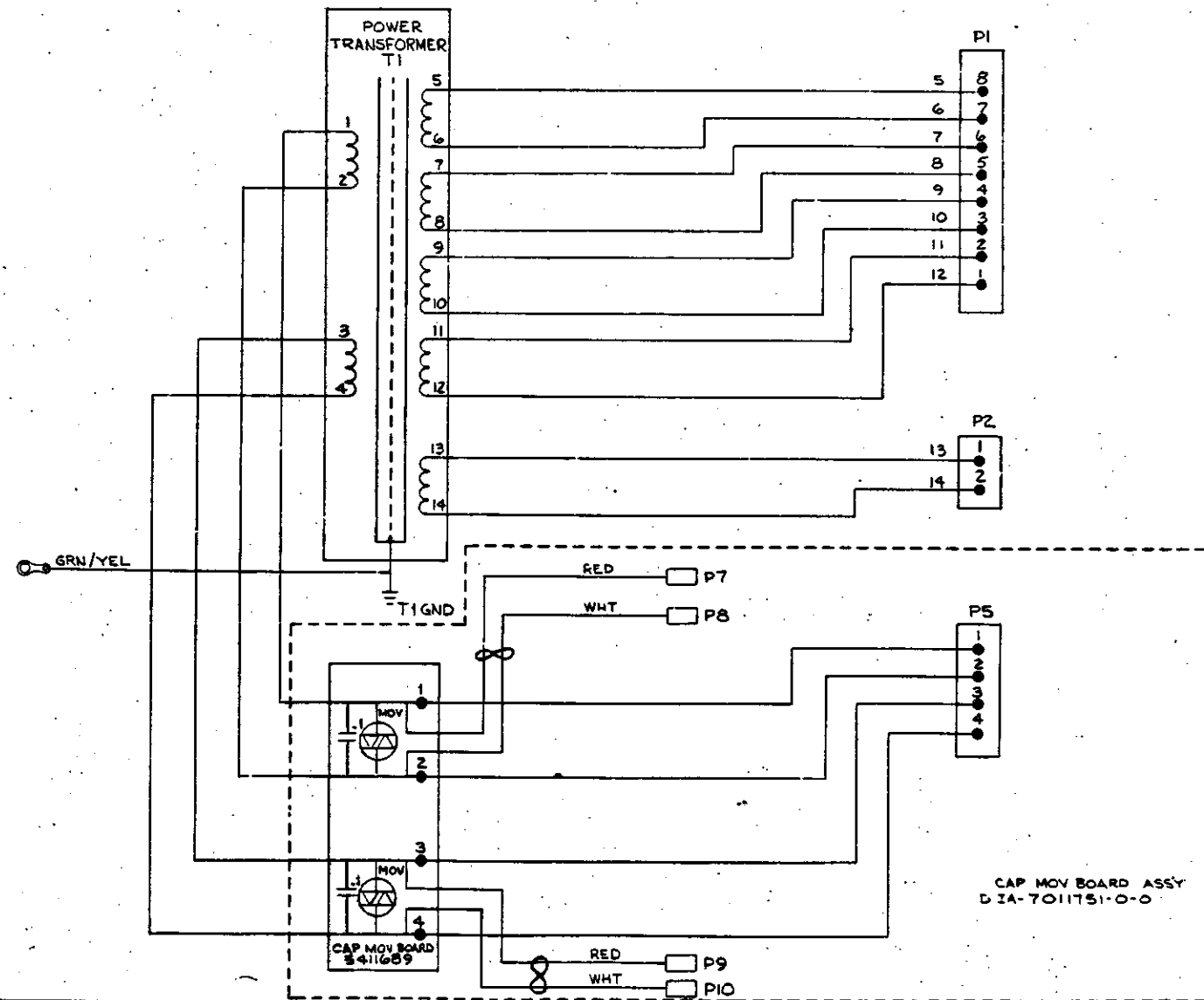
THIRD ANGLE PROJECTION	DRN: [Signature]	FIRST USED ON	H-62
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D: [Signature]	TITLE	TRANSFORMER ASS'Y
DO NOT SCALE DWG	ENG: [Signature]	SIZE	D
MATERIAL SEE PARTS LIST	PROJ. ENG. R. [Signature]	SCALE	1/1
FINISH	PROD. [Signature]	SHEET	OF 2
		DIST.	

REV.	DATE	BY	CHK	DESCRIPTION
1	10/14/82	A		INITIAL RELEASE
2	11/14/82	B		REVISED FOR 15-00-2
3	1/14/83	C		REVISED FOR 15-00-3
4	1/14/83	D		REVISED FOR 15-00-4
5	1/14/83	E		REVISED FOR 15-00-5
6	1/14/83	F		REVISED FOR 15-00-6
7	1/14/83	G		REVISED FOR 15-00-7
8	1/14/83	H		REVISED FOR 15-00-8
9	1/14/83	I		REVISED FOR 15-00-9
10	1/14/83	J		REVISED FOR 15-00-10
11	1/14/83	K		REVISED FOR 15-00-11
12	1/14/83	L		REVISED FOR 15-00-12

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WIRE TABLE

ITEM NO.	DESCRIPTION		FROM		TO		WIRE LENGTH
	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH	
1	14	BLK	T1-1	---	CAP MOV BD-1	SOLDER	1.5 IN
			T1-2	---	CAP MOV BD-2	SOLDER	2.0 IN
			T1-3	---	CAP MOV BD-3	SOLDER	2.0 IN
			T1-4	---	CAP MOV BD-4	SOLDER	1.5 IN
			T1-5	---	PI-8	ITEM 4	12.0 IN
			T1-6	---	PI-7		
			T1-7	---	PI-6		
			T1-8	---	PI-5		
			T1-9	---	PI-4		
			T1-10	---	PI-3		
			T1-11	---	PI-2		
			T1-12	---	PI-1	ITEM 4	
			T1-13	---	P2-1	ITEM 4	
1	14	BLK	T1-14	---	P2-2	ITEM 4	12.0 IN
1	14	GRN/YEL	T1-GND	---	GND LUG (ITEM 7)	SOLDER	16.0 IN



REVISIONS		
CHK	CHANGE NO	REV

TITLE	SIZE CODE	NUMBER	REV.
TRANSFORMER ASSY	D	AD7011486-0-0	B
SCALE	SHEET 2 OF 2	DIST.	

NOTES:

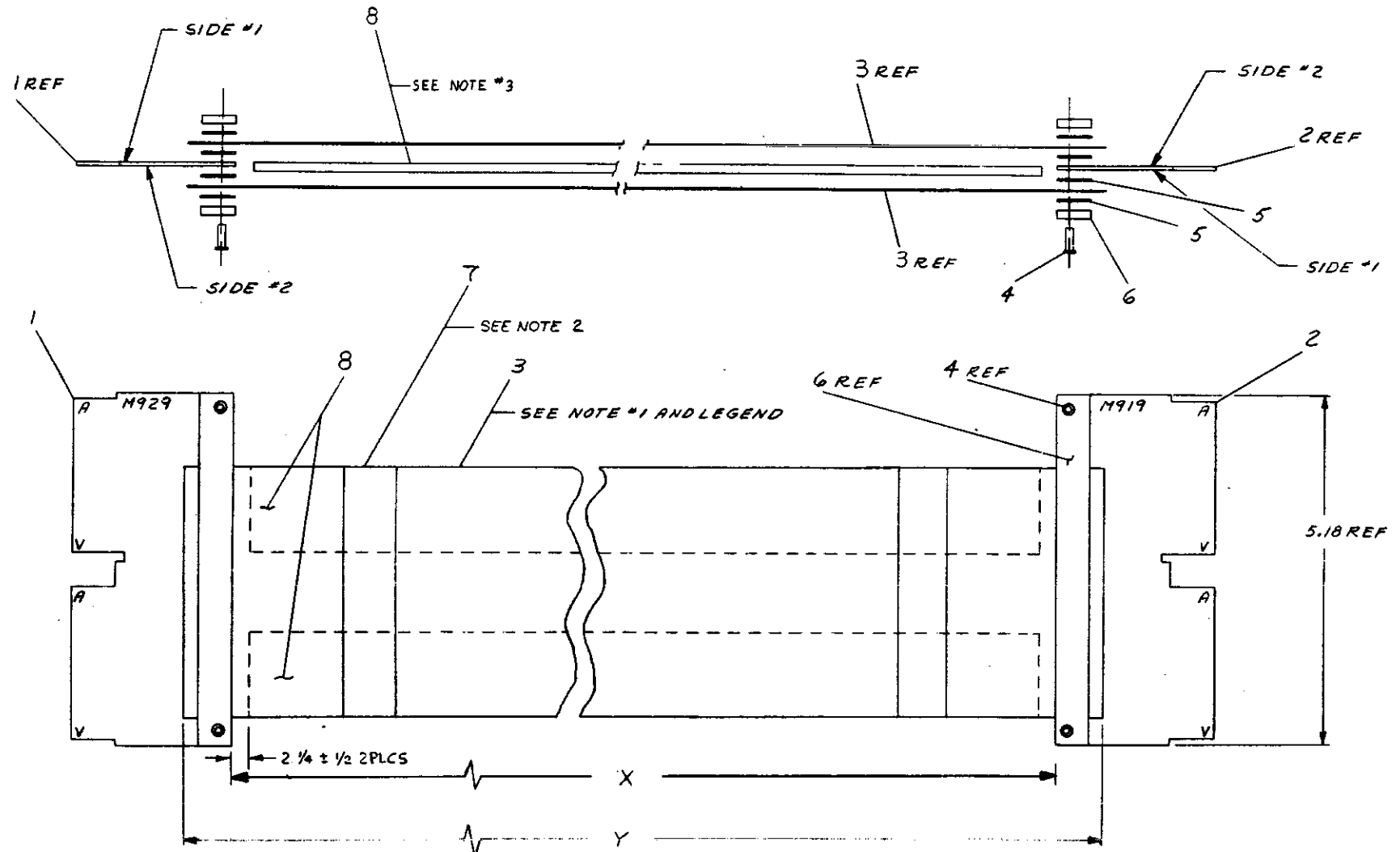
1. VARIATIONS AND LENGTHS SHOWN IN LEGEND ARE STANDARD. OTHER THAN STANDARD VARIATIONS WILL BE SPECIFIED BY ALPHANUMERIC DESIGNATION. FOR LENGTHS OTHER THAN FOOT INCREMENTS FROM ONE (1) FOOT THRU NINE (9) FEET, ELEVEN (11) INCHES.

- A = 1" G = 7"
- B = 2" H = 8"
- C = 3" J = 9"
- D = 4" K = 10"
- E = 5" L = 11"
- F = 6"

EXAMPLE: BC11A-3D = 3'4". LENGTHS WILL BE IN FOOT INCREMENTS FROM TEN (10) FEET ON, AND WILL BE SPECIFIED BY THE CORRESPONDING NUMERICAL DESIGNATION. EXAMPLE: BC11A-11 = 11 FEET. THE TOLERANCE ON DIMENSION 'A' WILL BE 2% OF THE FOOT INCREMENT.

2. FLEXPRINTS TO BE BOUND TOGETHER BY WRAPPING WITH ELECTRICAL TAPE (ITEM 7) EVERY 18 INCHES.

3. INSTALL 2 PIECES OF FOAM TAPE (ITEM 8) BETWEEN FLEX PRINT CABLES AS SHOWN.



QTY.	DESCRIPTION	PART NO.	ITEM NO.
1/R	GRAY FOAM - 3" WIDE	9009281-01	8
1/R	ELECTRICAL TAPE	9009260	7
4	CLAMP CABLE	C-SC-1207264-00	6
1/R	TAPE #4032 1/4 X 3 1/4 X 6 L6	9007834-01	5
4	EYELET GS-4-11 ST1A30-1	9006750	4
2	CABLE "FLEXPRINT"	1700002-01	3
1	EXT. BUS CONN	A-PL-M919-0-0	2
1	BUS CONN	A-PL-M929-0-0	1

REV.	CHANGE NO.	BY	DATE
1	BC11A-0001	A	11/17/67
2	BC11A-0002	B	11/17/67
3	BC11A-0003	C	11/17/67
4	BC11A-0004	D	11/17/67
5	BC11A-0005	E	11/17/67
6	BC11A-0006	F	11/17/67
7	BC11A-0007	H	11/17/67

FIRST USED ON OPTION/MODEL
PDP11

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES
TOLERANCES
DECIMAL FRACTIONS
± .005 ± .010 ± .020
FRACTIONS
± 1/16 ± 1/8 ± 3/16
REMOVE BURRS AND BREAK SHARP CORNERS

DATE 11/17/67
BY [Signature]
DATE 11/17/67
BY [Signature]
DATE 11/17/67
BY [Signature]

digital EQUIPMENT CORPORATION
MILFORD MASSACHUSETTS

TITLE
CABLE ASSY (BC11A)

REVISIONS
DUA-BC11A-0-0

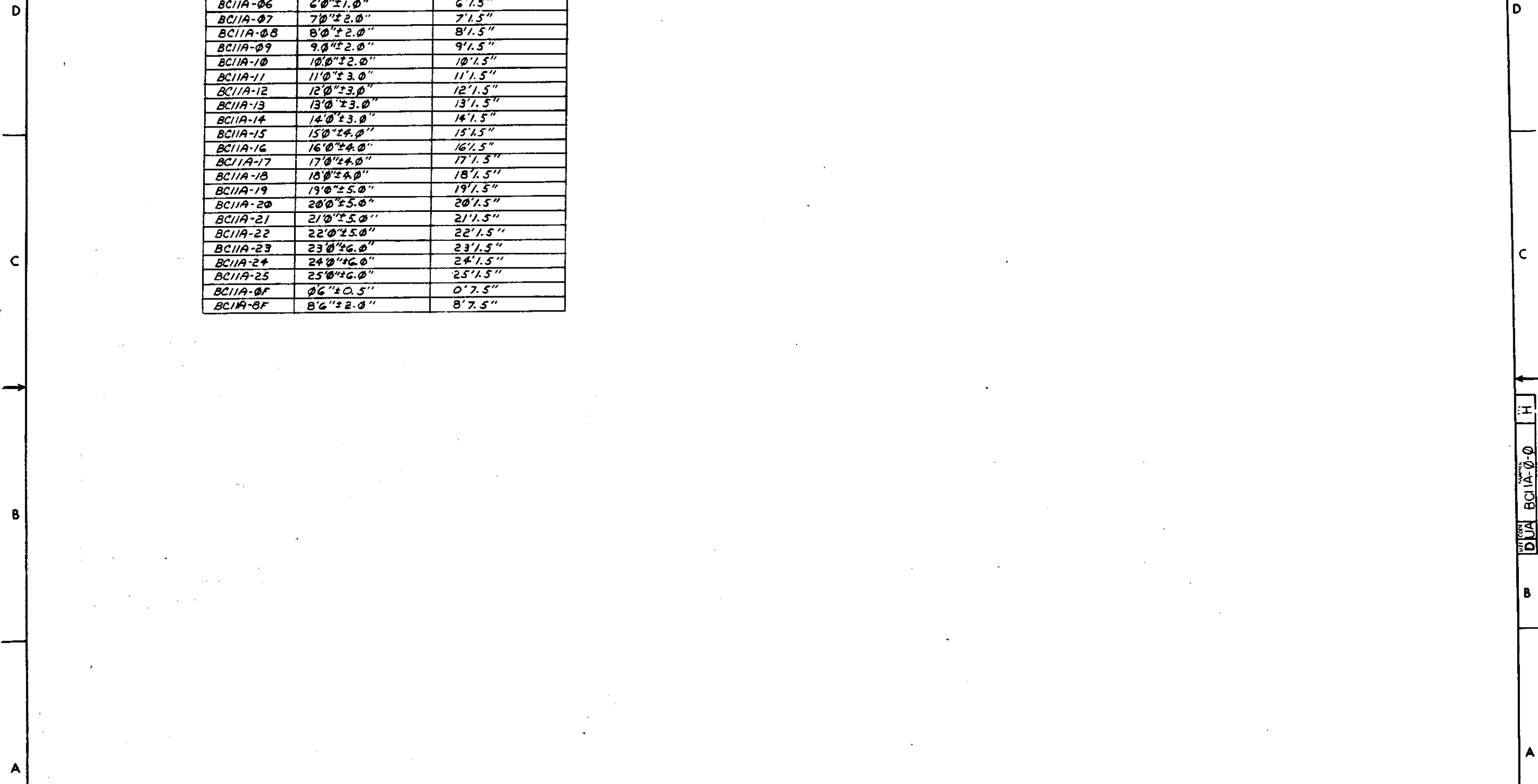
SCALE 1/1

SHEET 2 OF 2

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LEGEND

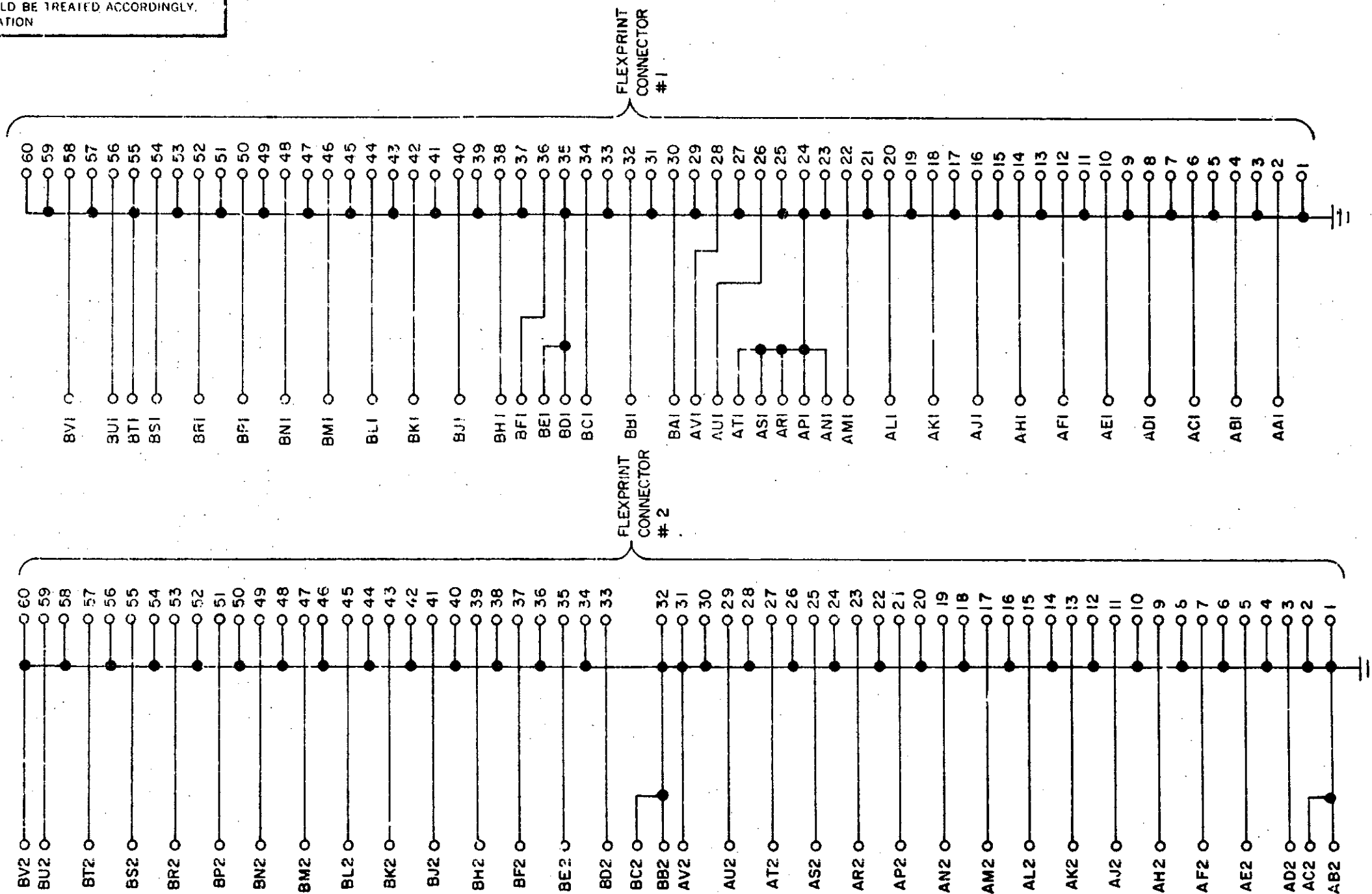
NUMBER	DIM "X" VARIATION	DIM "Y" (PRE-CUT) REF.
BC11A-02	2'0"±0.5"	2'1.5"
BC11A-03	3'0"±1.0"	3'1.5"
BC11A-04	4'0"±1.0"	4'1.5"
BC11A-05	5'0"±1.0"	5'1.5"
BC11A-06	6'0"±1.0"	6'1.5"
BC11A-07	7'0"±2.0"	7'1.5"
BC11A-08	8'0"±2.0"	8'1.5"
BC11A-09	9'0"±2.0"	9'1.5"
BC11A-10	10'0"±2.0"	10'1.5"
BC11A-11	11'0"±3.0"	11'1.5"
BC11A-12	12'0"±3.0"	12'1.5"
BC11A-13	13'0"±3.0"	13'1.5"
BC11A-14	14'0"±3.0"	14'1.5"
BC11A-15	15'0"±4.0"	15'1.5"
BC11A-16	16'0"±4.0"	16'1.5"
BC11A-17	17'0"±4.0"	17'1.5"
BC11A-18	18'0"±4.0"	18'1.5"
BC11A-19	19'0"±5.0"	19'1.5"
BC11A-20	20'0"±5.0"	20'1.5"
BC11A-21	21'0"±5.0"	21'1.5"
BC11A-22	22'0"±5.0"	22'1.5"
BC11A-23	23'0"±6.0"	23'1.5"
BC11A-24	24'0"±6.0"	24'1.5"
BC11A-25	25'0"±6.0"	25'1.5"
BC11A-0F	0'6"±0.5"	0'7.5"
BC11A-0F	8'6"±2.0"	8'7.5"



REVISIONS		
CHK	CHANGE NO	REV

TITLE	CABLE ASSY (BC11A)	SIZE CODE	DJA	NUMBER	BC11A-0-0	REV.	H
SCALE	---	SHEET	2	OF	2	DIST.	

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REVISIONS	
CHK	CHG NO. REV
ML	50001 A
ML	50002 B

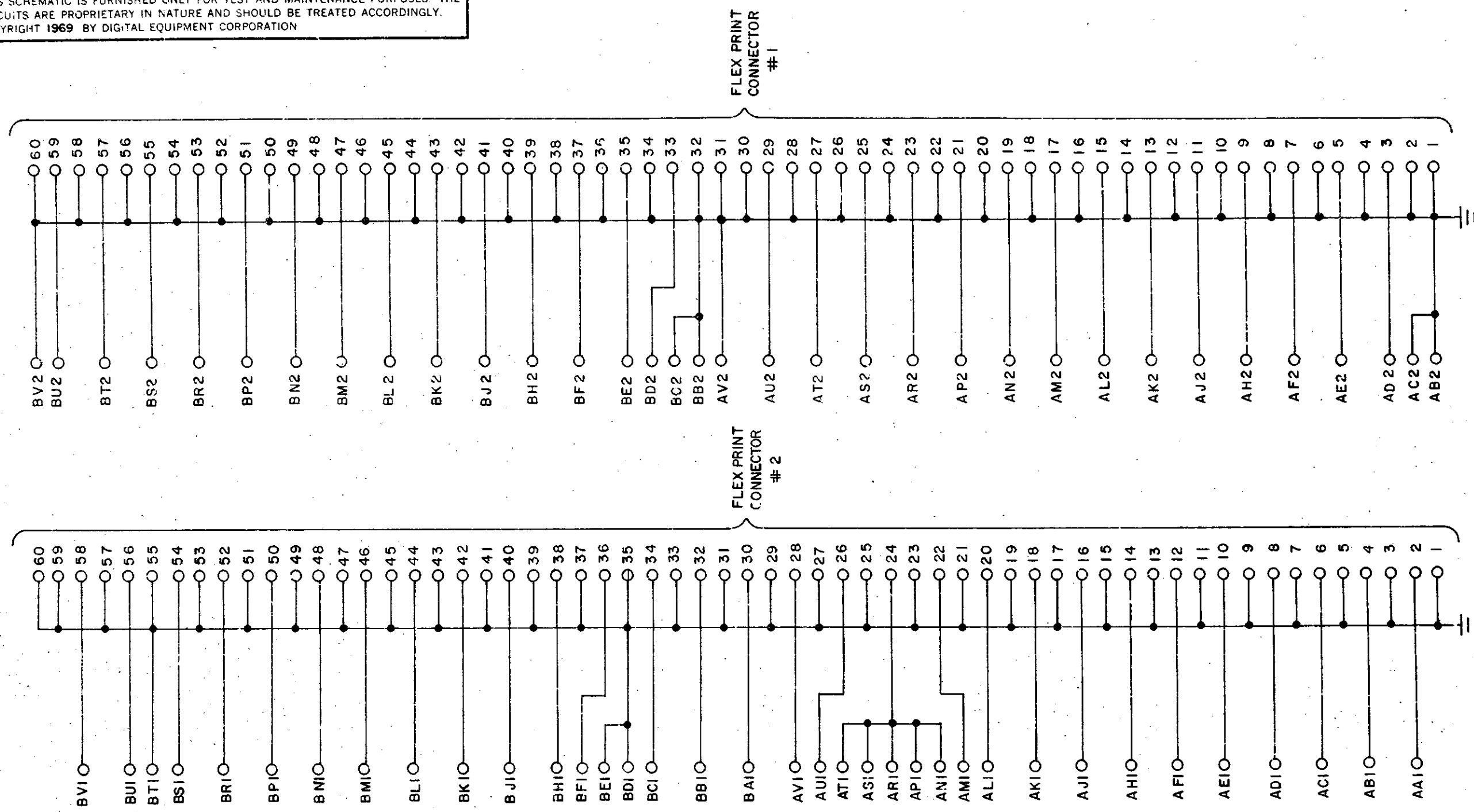
DRN.	<i>BUTLER</i>	DATE	10/17/69
CHK'D	<i>G. Young</i>	DATE	10-26-69
ENG	<i>B. Lee</i>	DATE	11-7-69
PROD.		DATE	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA



TITLE			
BUS CONNECTOR M919			
SIZE	CODE	NUMBER	REV.
B	CS	M919-0-1	B
PRINTED CIRCUIT REV.			BC

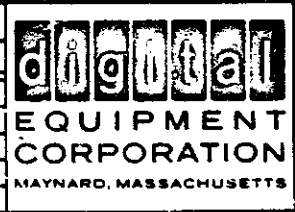
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REVISIONS	
CHK	CHG NO REV
ML	1/1

DRN.	<i>A. Clemente</i>	DATE	10-17-69
CHK'D	<i>A. Young</i>	DATE	10-20-69
ENG.	<i>C. Blum</i>	DATE	11/18/69
PROD.		CATE	

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	



TITLE			
BUS CONNECTOR M929			
SIZE	CODE	NUMBER	REV.
B	CS	M929-0-1	A
PRINTED CIRCUIT REV.			<input checked="" type="checkbox"/> C

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY A. RUSZCZYK DATE 1-OCT-81	CHECKED B. CRAMM DATE 29-JAN-81	SECTION 1
ENG B. CRAMM DATE 29-JAN-81	PROD B. SAULNIERS DATE 29-JAN-81	ISSUED SECTION

QUANTITY / VARIATION

NOTES:
 1. IF BOX IS CAB MOUNTED NO INSTALLATION KIT NEED BE SHIPPED.
 2. VOLUME ANY VARIATION THAT IS DOCK MERGE MUST INCLUDE ALL ITEMS INDICATED EXCEPT PRINTS AND MANUAL.

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION												
				BAL-KA	BAL-KE	BAL-KF	BAL-KH	BAL-KJ	BAL-KK	BAL-KL	BAL-KS	BAL-KT	BAL-KW	BAL-KX		
1	K-PL-BAL-K-2		INSTALLATION KIT (NOTE 1)	-	-	-	-	-	-	-	-	-	-	-	-	-
2	E-IA-7009769-0-0	7009769-00	CHASSIS 10.5"	-	-	-	-	-	-	-	-	-	-	-	-	-
3	D-UA-BC11A-10-0	BC11A-10	CABLE, UNIBUS 10FT	-	-	-	-	-	-	-	-	-	-	-	-	-
4	D-PS-1211825-0-0	1211825-00	CHASSIS TRACKS	-	-	-	-	-	-	-	-	-	-	-	-	-
5	D-IA-7411013-0-0	7411013-00	VENTED POP PANEL	-	-	-	-	-	-	-	-	-	-	-	-	-
6	B-DD-H765-A	H765-A	POWER SUPPLY	-	-	-	-	-	-	-	-	-	-	-	-	-
7	B-DD-H765-B	H765-B	POWER SUPPLY	-	-	-	-	-	-	-	-	-	-	-	-	-
8	B-DD-H765-C	H765-C	POWER SUPPLY	-	-	-	-	-	-	-	-	-	-	-	-	-
9	B-DD-H765-D	H765-D	POWER SUPPLY	-	-	-	-	-	-	-	-	-	-	-	-	-
10	C-MD-7413659-0-0	7413659-00	BRKT, SHIPPING	-	-	-	-	-	-	-	-	-	-	-	-	-
11	A-PS-3618500-0-1	3618500-01	LABEL, CONFIGURATION	-	-	-	-	-	-	-	-	-	-	-	-	-
12	E-AD-7012399-0-0	7012399-00	AIR INTAKE BEZEL ASSY	-	-	-	-	-	-	-	-	-	-	-	-	-
13	B-IA-7007006-0-0	7007006-03	JUMPER, POWER SEQUENCE	-	-	-	-	-	-	-	-	-	-	-	-	-
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26	EK-BAL-K-OP		USER MANUAL BAL-K	-	-	-	-	-	-	-	-	-	-	-	-	-
27	MP-BAL-K	MP-00311-00	PRINT SET BAL-K	-	-	-	-	-	-	-	-	-	-	-	-	-

REF DESIGNATION

E.C.O. NO.

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TITLE
SHIPPING LIST

ASSY NO.
E-UA-BAL-K-0

SIZE
B PL

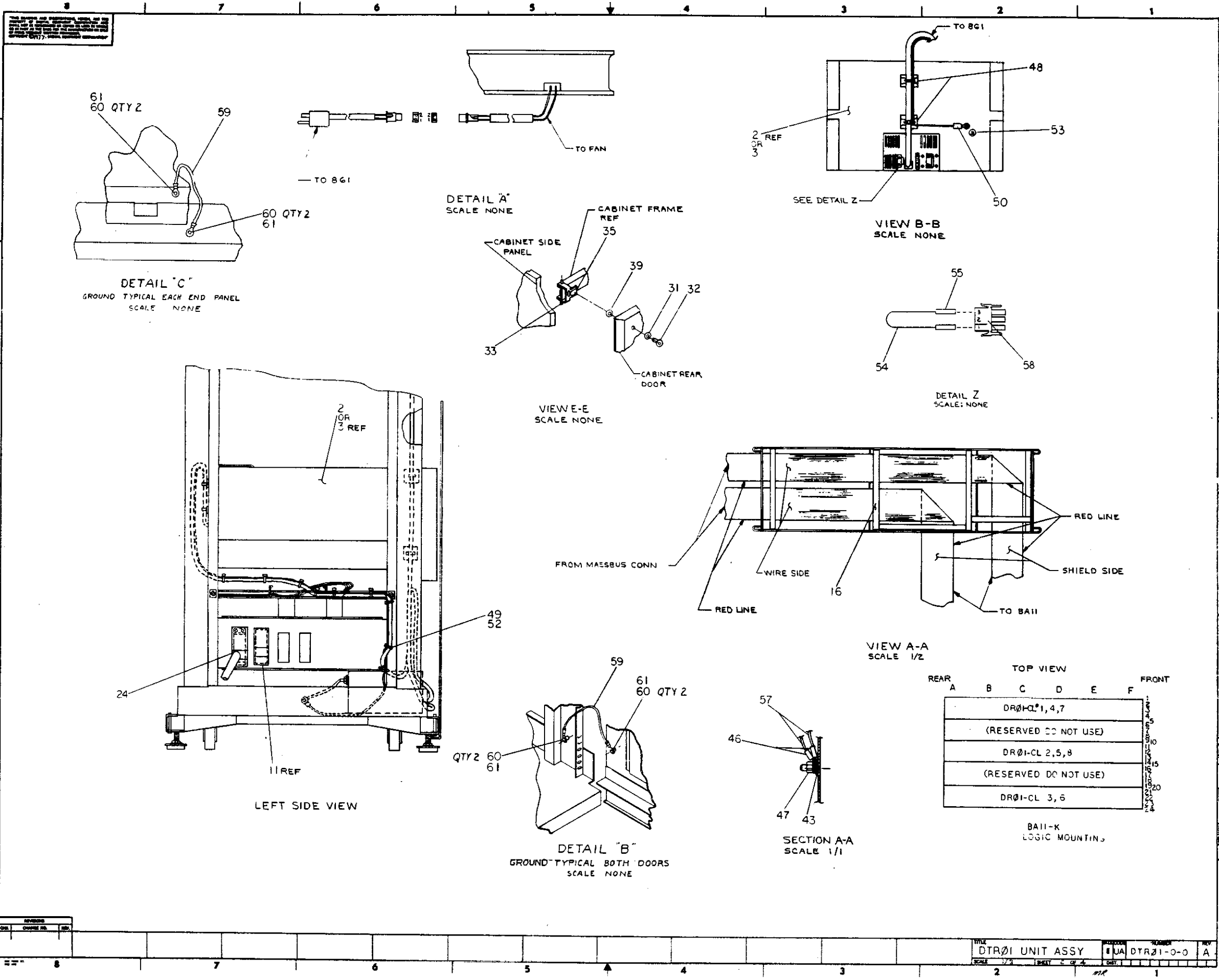
NUMBER
BAL-K-1

REV.
A

SHEET 1 OF 1

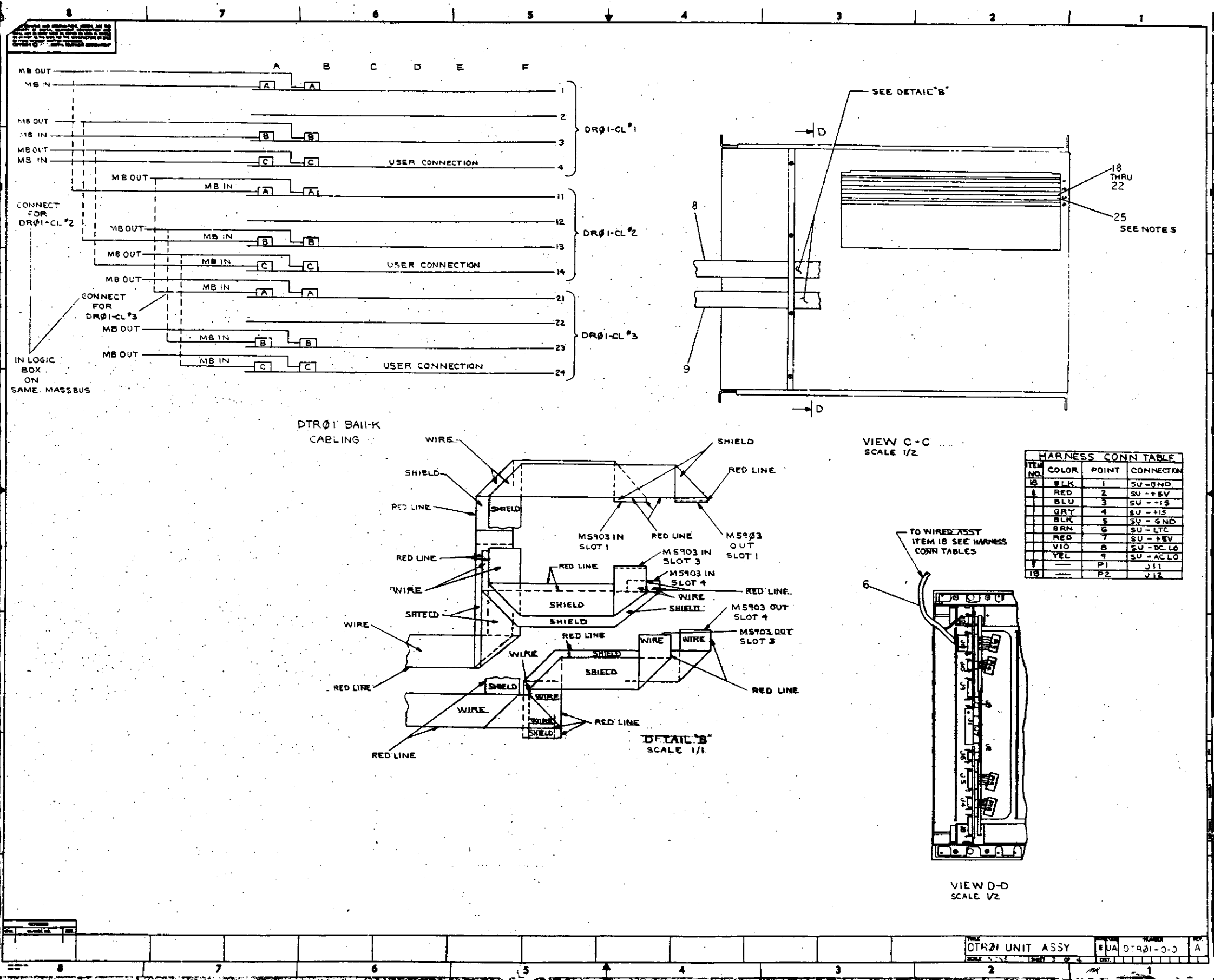
INSERTION PARTS LIST DATA BASE REV

TW



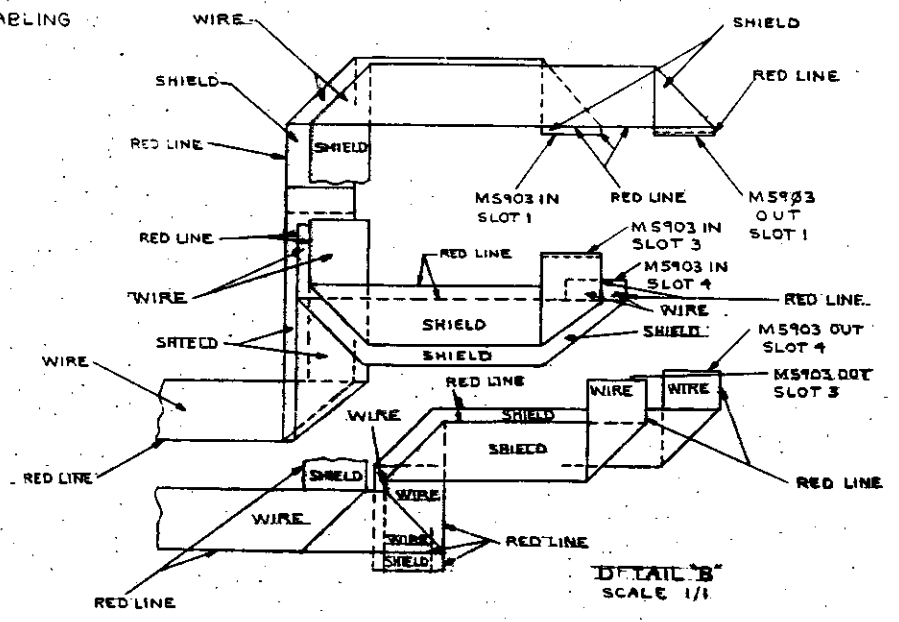
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REV	DATE	BY	CHKD



IN LOGIC BOX ON SAME MASSBUS

DTR01 BAIL-K CABLING

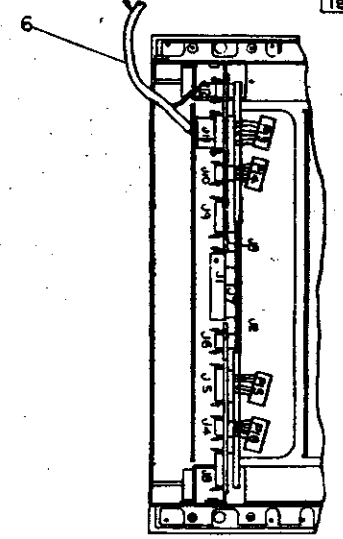


DETAIL 'B' SCALE 1/1

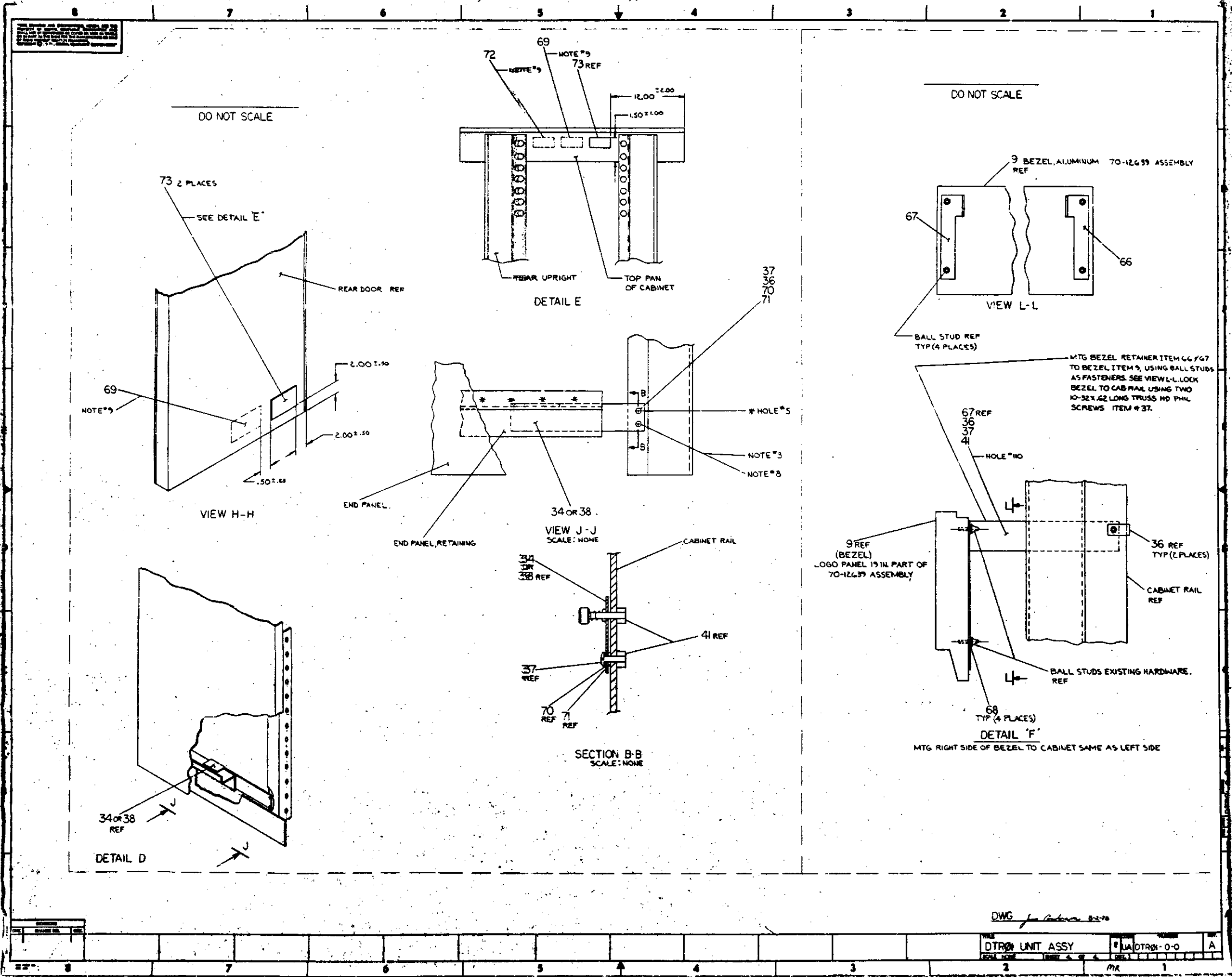
VIEW C-C SCALE 1/2

ITEM NO.	COLOR	POINT	CONNECTION
18	BLK	1	SU-GND
19	RED	2	SU-+5V
20	BLU	3	SU-+15
21	GRY	4	SU-+15
22	BLK	5	SU-GND
23	BRN	6	SU-LTC
24	RED	7	SU-+5V
25	VIO	8	SU-DC LO
26	YEL	9	SU-AC LO
		P1	J11
		P2	J12

TO WIRED ASST ITEM 18 SEE HARNESS CONN TABLES



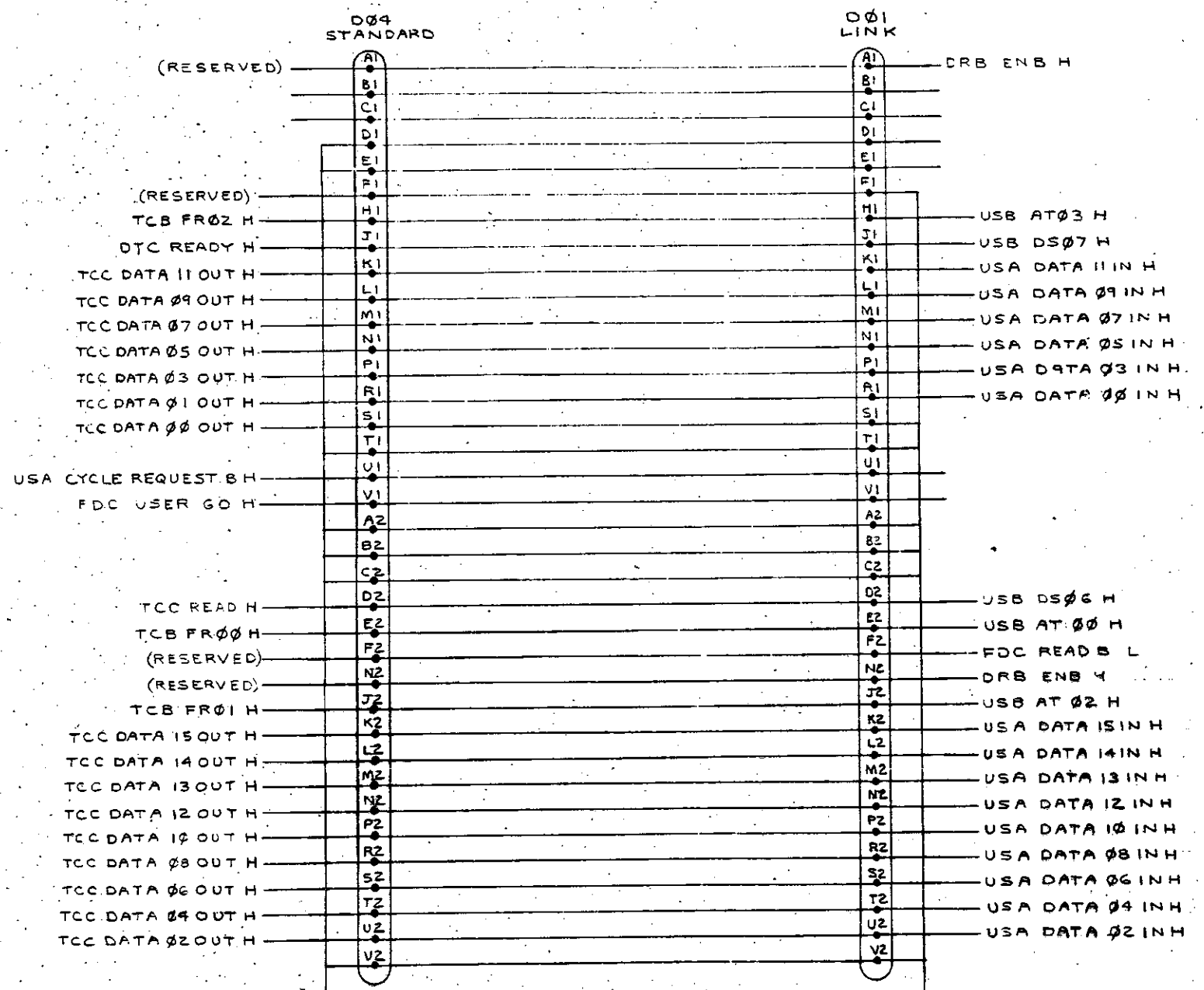
VIEW D-D SCALE 1/2



DWG for Revision 8-2-70

DTRON UNIT ASSY		LA/DTRON-0-0	A
REV	DATE	BY	CHK

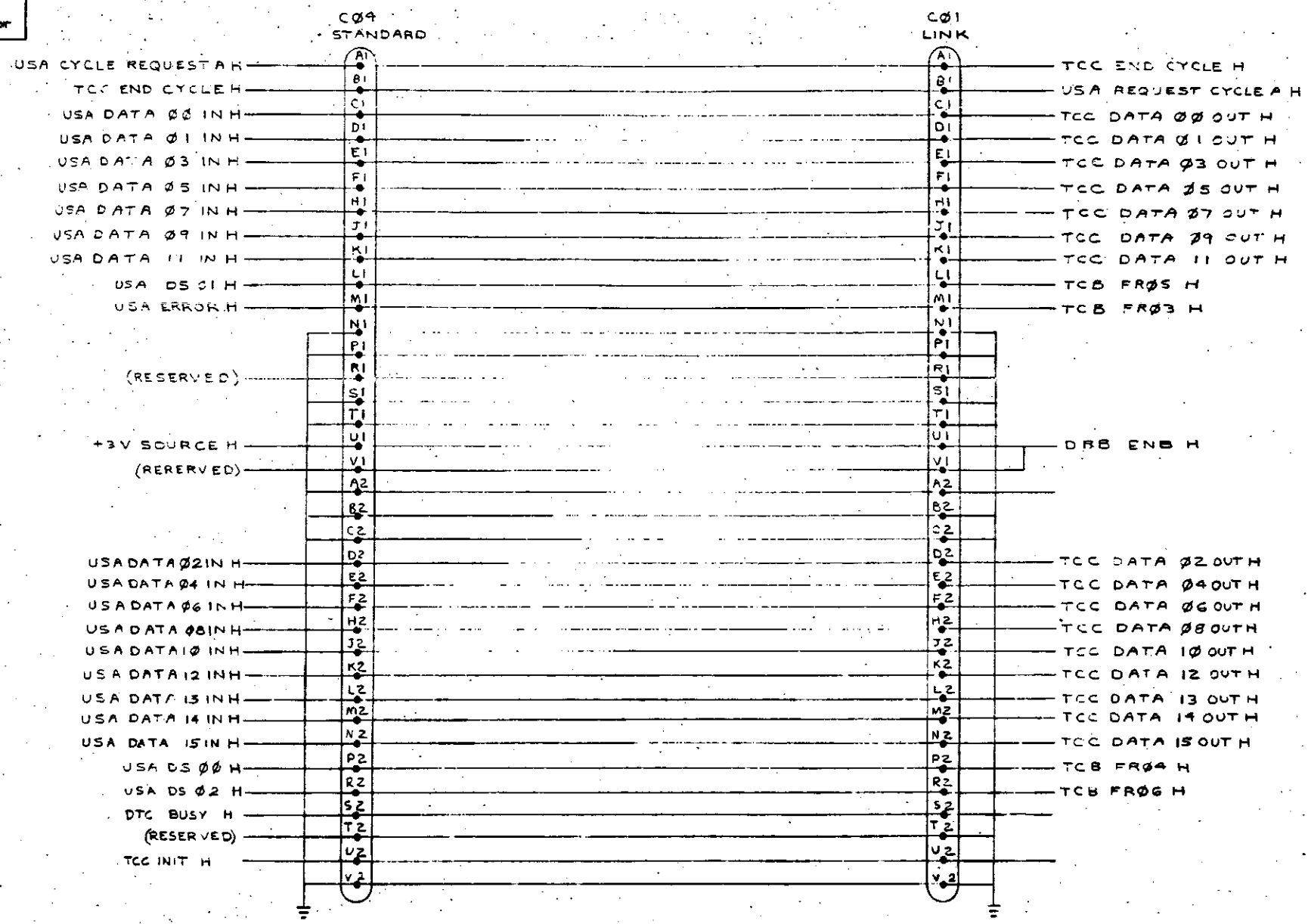
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REV.	
CHG.	
NO.	

DRAWN: J.P. O'Brien	DATE: 11/27/77	FIRST USED ON: DTR01
CHKD: J.P. O'Brien	DATE: 12/1/77	TITLE: DTR01 LINK SIGNAL TRANSLATION
ENGR: J.P. O'Brien	DATE: 12/1/77	SIZE: D
PROD: J.P. O'Brien	DATE: 12/1/77	CODE: IC
NEXT HIGHER ASSY:		NUMBER: DTR J1-3-2
B-DD-DTR01-0	SCALE: NONE	REV.:
SHEET: OF 4	DIST.:	

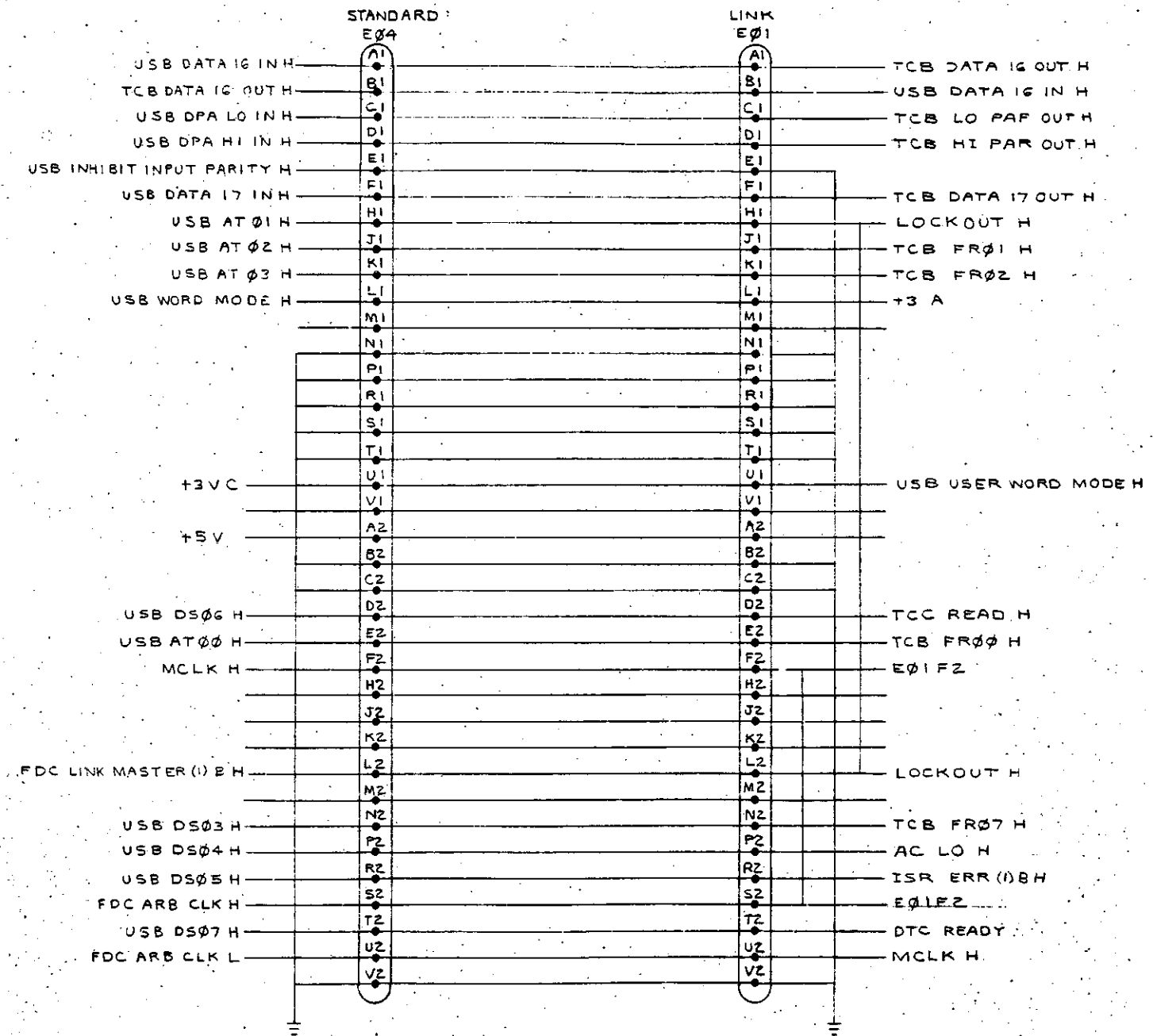
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REV.	NO.
CHG.	NO.
CHK.	NO.

DRN. <i>J. E. J. 11/1/77</i>	FIRST USED ON	3TR01
CHK'D <i>J. E. J. 11/1/77</i>	TITLE	DR01 LINK SIGNAL TRANSLATION
ENGR. <i>J. E. J. 11/1/77</i>	SCALE	NONE
PROD. <i>J. E. J. 11/1/77</i>	SIZE CODE	D IC
NEXT HIGHER ASSY.	NUMBER	DR01-0-2
R-DD-DTR01-0-0	SCALE	NONE
SHEET 2 OF 4	DIST.	

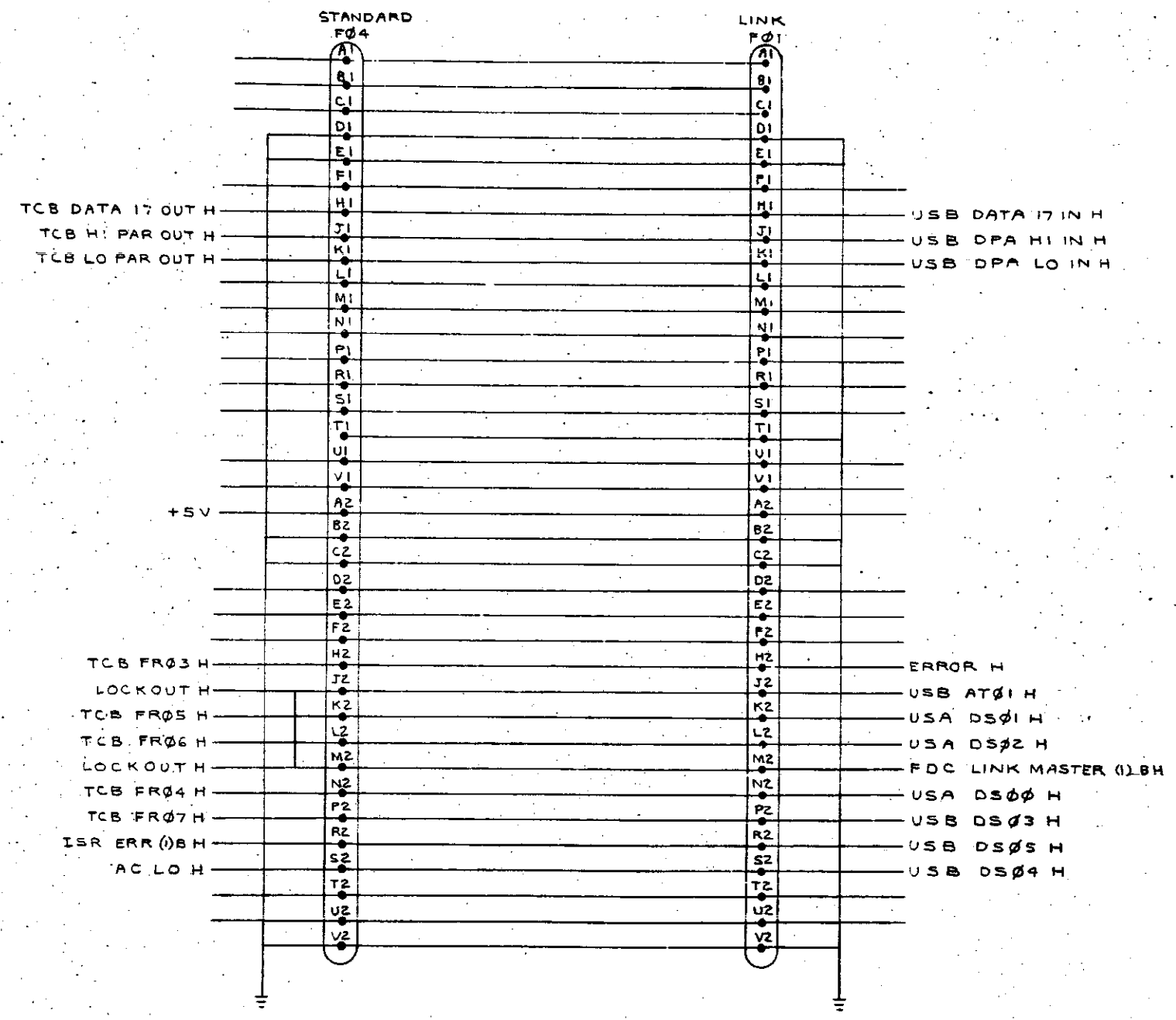
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REV.	
CHANGE NO.	
DATE	

DRN: <i>S.E. 3/26</i>	4 NOV 77	FIRST USED ON	DTR01
CHK'D: <i>[Signature]</i>	2 Jan 78	TITLE	DTR01
ENG: <i>[Signature]</i>	7 Jan 78	LINK SIGNAL TRANSLATION	
PROJ. FILE: <i>[Signature]</i>	7 Jan 78		
PROD. P. #:	216608		
NEXT HIGHER ASSY.			
B-DD-DTR01-0-0	SIZE CODE	NUMBER	REV.
SCALE NONE	D I C	DTR01-0-2	
SHEET 3 of 4	DIST.		

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EXTENSION	REV.
CHANGE NO.	
CHK	

DRN. <i>J. E. Olson</i>	14 NOV 77	FIRST USED ON	DTR01
CHK'D <i>[Signature]</i>	12 Nov 78	TITLE	DTR01 LINK SIGNAL TRANSLATION
ENG. <i>[Signature]</i>	17 Nov 78	SIZE CODE	D IC
PROJ. <i>[Signature]</i>	17 Nov 78	NUMBER	DTR01-0-2
PROD. <i>[Signature]</i>	17 Nov 78	REV.	
NEXT HIGHER ASSY.		SCALE	NONE
B-DI-DTR01-0-0		SHEET	4 OF 4

8

7

6

5

4

3

1

8

7

6

5

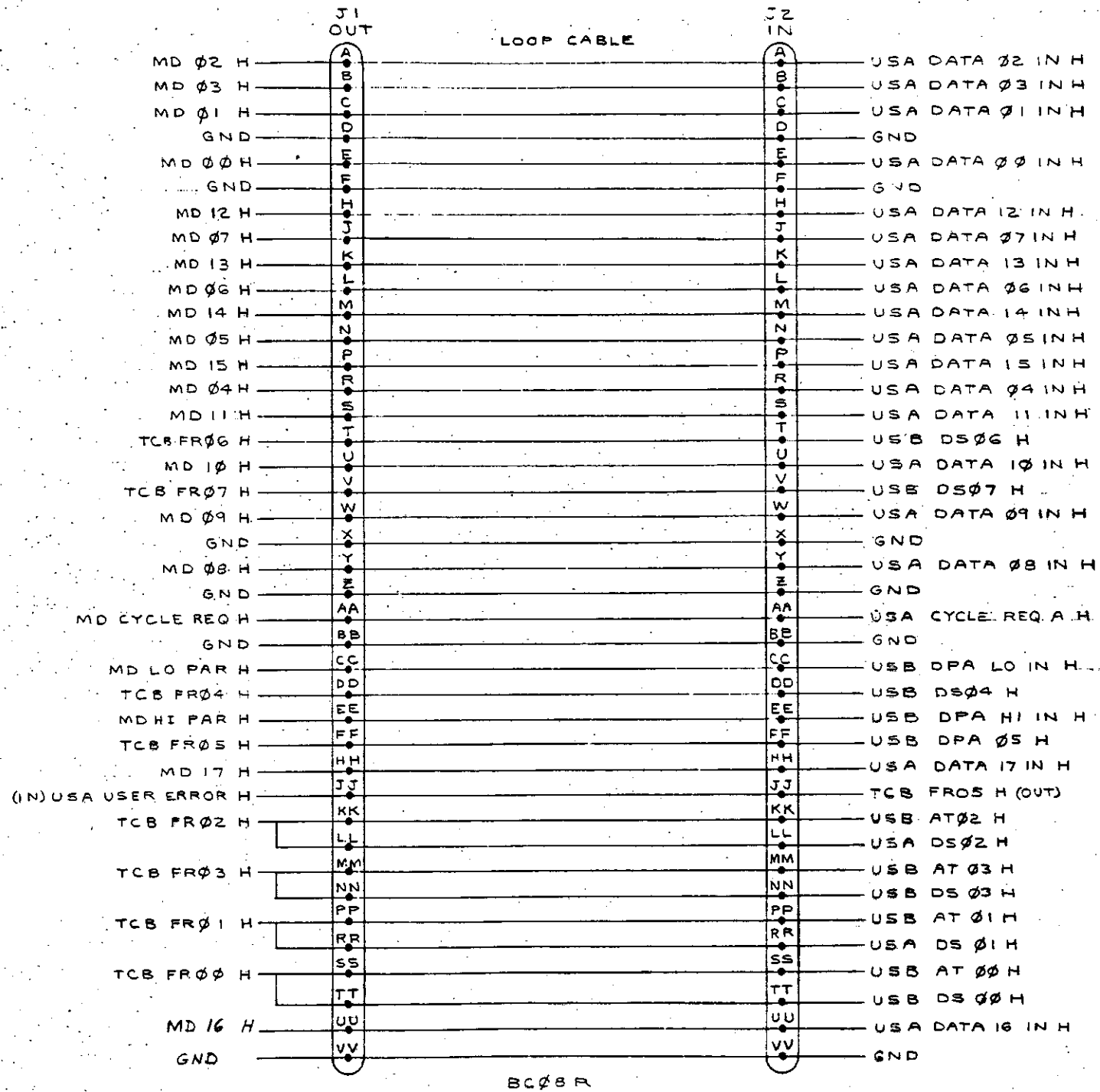
4

3

2

1

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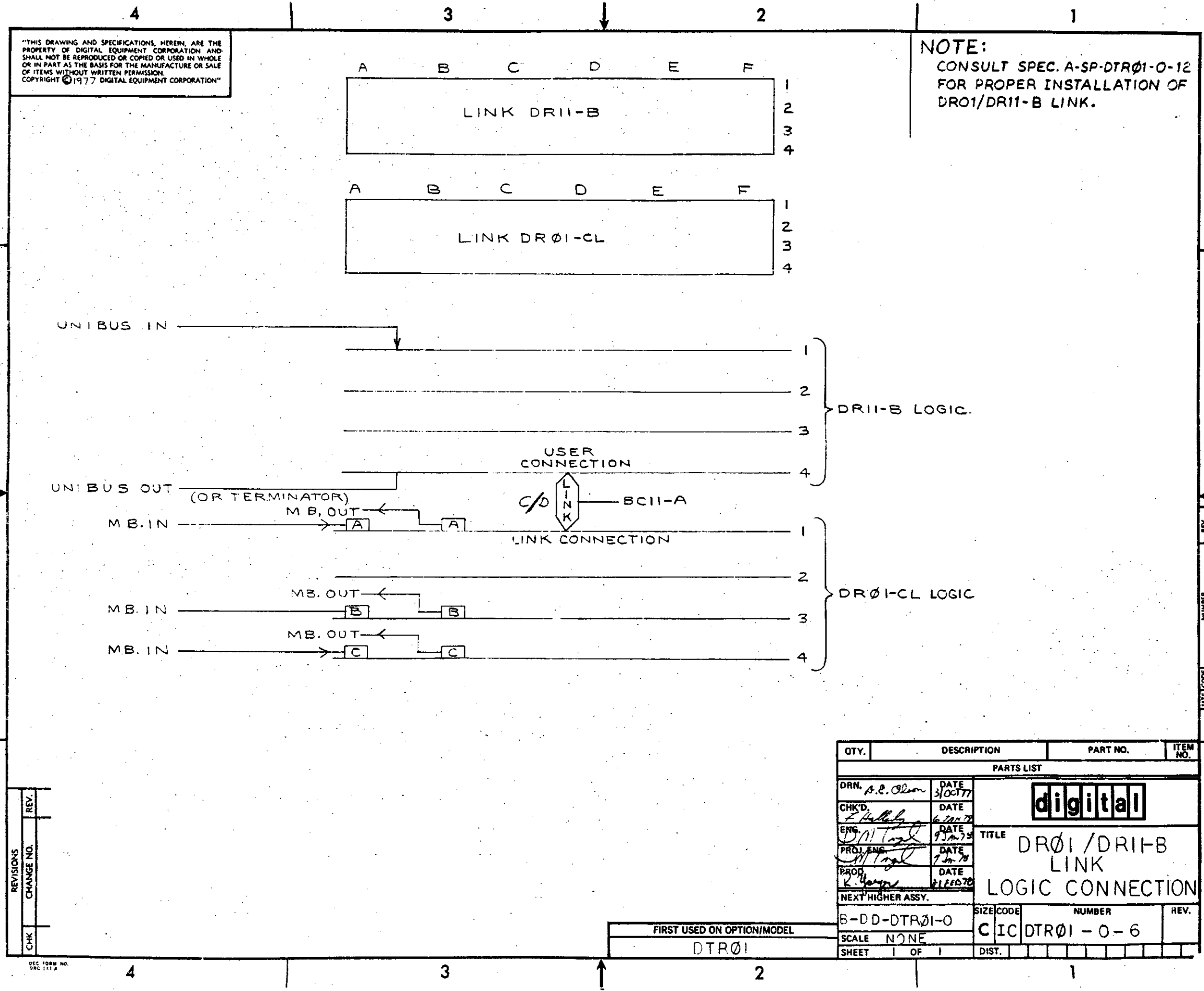


REV.	
CHG	
REVISIONS	
CHANGE NO.	

DRN. 30000000	310077	FIRST USED ON	DTR01	digital
CHK'D 7/11/77	7/11/77	TITLE	MAINT. CABLE SIGNAL	
ENGR'D 7/11/77	7/11/77	SCALE	NONE	
PROD. 7/11/77	7/11/77	SIZE	CODE	NUMBER
		B-00-DTR01-0	D	IC DTR01-0-3
		REV.		
		SHEET	1	OF 1
		DIST.		

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NOTE:
CONSULT SPEC. A-SP-DTR01-0-12 FOR PROPER INSTALLATION OF DR01/DR11-B LINK.

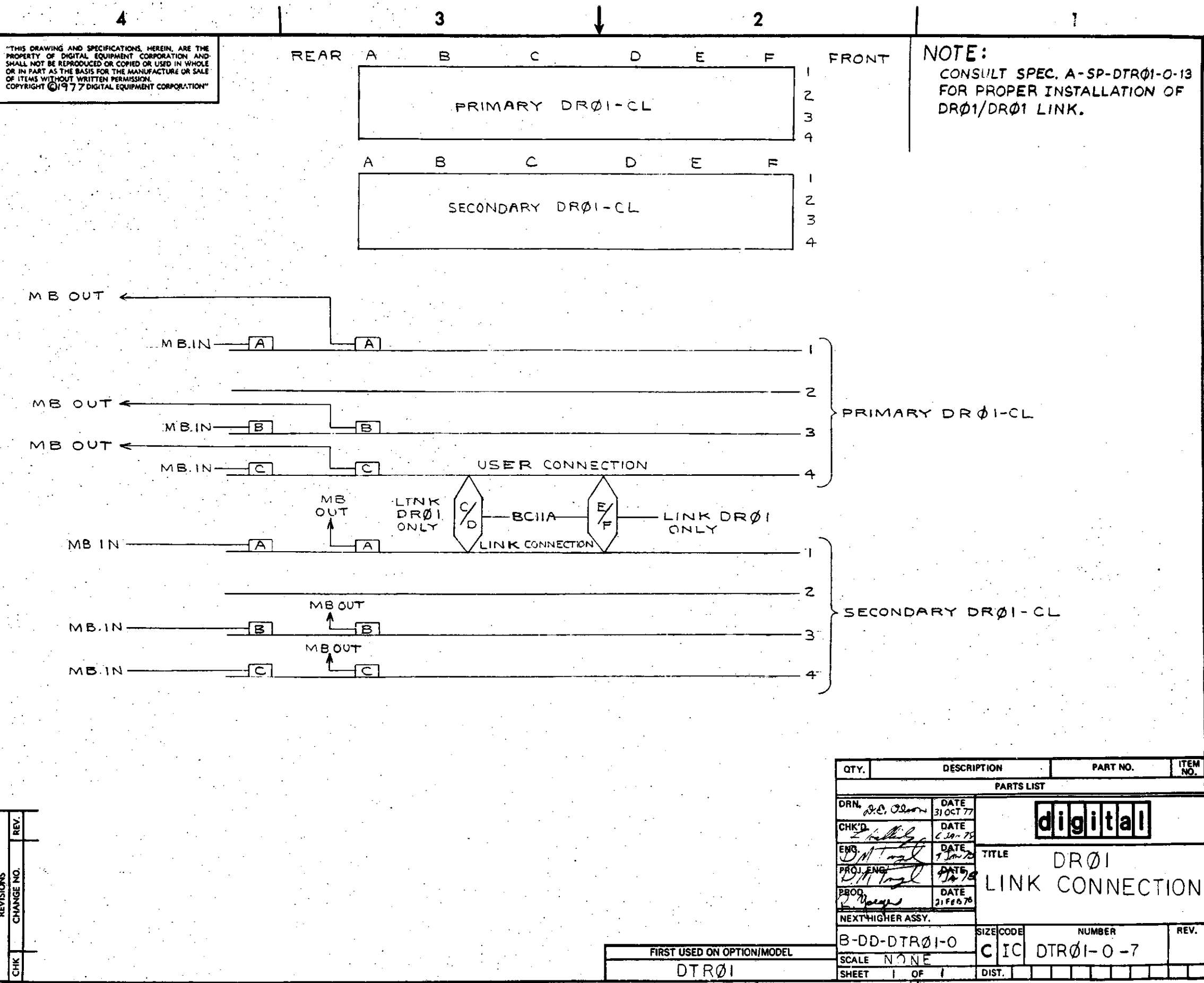


REV.	
CHANGE NO.	
CHK	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN. <i>S.L. Olson</i>	DATE 3/OCT/77	<div style="border: 2px solid black; padding: 5px; display: inline-block; font-weight: bold; font-size: 1.2em;">digital</div> TITLE DR01/DR11-B LINK LOGIC CONNECTION	
CHK'D. <i>F. Halliday</i>	DATE 6/20/78		
ENG. <i>M. Torg</i>	DATE 9/20/78		
PROJ. ENG. <i>M. Torg</i>	DATE 7/20/78		
PROD. <i>R. Hays</i>	DATE 2/15/79		
NEXT HIGHER ASSY.		SIZE CODE	NUMBER
B-DD-DTR01-0		CIC	DTR01-0-6
SCALE NONE		SHEET	OF
DTR01		1	1

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NOTE:
CONSULT SPEC. A-SP-DTRØ1-0-13 FOR PROPER INSTALLATION OF DRØ1/DRØ1 LINK.



REV.	CHANGE NO.
CHK	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN	<i>D.S. Olson</i>	DATE	31 OCT 77
CHK'D	<i>[Signature]</i>	DATE	6-28-78
ENG.	<i>[Signature]</i>	DATE	7-20-78
PROJ. ENG.	<i>[Signature]</i>	DATE	7-18-78
PROD.	<i>[Signature]</i>	DATE	21 FEB 78
NEXT HIGHER ASSY.			
B-DD-DTRØ1-0		SIZE CODE	C IC
SCALE NONE		NUMBER	DTRØ1-0-7
SHEET 1 OF 1		DIST.	

FIRST USED ON OPTION/MODEL
DTRØ1

MARK PLACE P-1885

REV. NUMBER

ENGINEERING SPECIFICATION		CONTINUATION SHEET	
TITLE DTR01/DR01 Field Checkout and Acceptance Procedure			
LIB	LOAD INPUT BUFFER REGISTER		
LAS	LOAD ATTENTION SUMMARY REGISTER		
LFS	LOAD FUNCTION & STATUS REGISTER		
LOB	LOAD OUTPUT BUFFER REGISTER		
LSB	LOAD SECONDARY BLOCK ADDRESS REGISTER		
LST	LOAD SECONDARY TRANSFER CONTROL REGISTER		
LIV	LOAD INTERRUPT VECTOR REGISTER		
LDC	LOAD DIAGNOSTIC CONTROL REGISTER		
LWT	LOAD THE WRITE REGISTER		
CNO	DO CONO TO LOAD CONTROL DATA IN RH20		
USE	COMMAND(CR)	FOR THE FOLLOWING COMMANDS:	
RCS	READ CONTROL & STATUS 1 REGISTER		
RIS	READ INTERFACE STATUS REGISTER		
RIB	READ INPUT BUFFER REGISTER		
RAS	READ ATTENTION SUMMARY REGISTER		
RFS	READ FUNCTION & STATUS REGISTER		
RDT	READ DRIVE TYPE REGISTER		
ROB	READ OUTPUT BUFFER REGISTER		
RSB	READ SECONDARY BLOCK ADDRESS REGISTER		
RST	READ SECONDARY TRANSFER CONTROL REGISTER		
RPB	READ PRIMARY BLOCK ADDRESS REGISTER		
RPT	READ PRIMARY TRANSFER CONTROL REGISTER		
RIV	READ INTERRUPT VECTOR REGISTER		
RRD	READ THE READ REGISTER		
EXT	BACK TO PROGRAM DISPATCHER		
DDT	GO TO DDT		
HLP	PRINT HELP MESSAGE		
SWI	PRINT CURRENT STATE OF SWITCH		
IDT	IDENTIFY CONFIGURATION		
CFG	CHANGE CONFIGURATION		
CMO	CHANGE PRINTOUT MODE		
CNI	DO CONI TO READ CONTROL STATUS IN RH20		
CSW	RESET SWITCH		
SDT	TEST DATA TRANSFER		
USE	COMMAND DATA, ADDRESS(CR)	FOR THE FOLLOWING COMMANDS:	
LDR	LOAD REGISTER WITH DATA		
RDR	READ REGISTER		
RDA	READ REGISTERS FROM 0 UP TO 7		
NOTE: USE CSG IN ORDER TO GO BACK TO CONSOLE PACKAGE FROM DDT.			
(CR) STANDS FOR CARRIAGE RETURN			
SIZE	CODE	NUMBER	REV
A	SP	DTR01-0-5	

DEC FORM NO EN-01022-16-N370(381)
DRA 108

SHEET 5 OF 8

ENGINEERING SPECIFICATION		CONTINUATION SHEET	
TITLE DTR01/DR01 Field Checkout and Acceptance Procedure			
3. Reading RHCS 1 Register. Register is initialized as shown:			
*RCS			
RHCS1	550:	000604	004000
4. Reading all registers 0 to 7.			
*RDA 0,7			
RHCS1	550:	000604	004000
RHIS	550:	010604	000200
RHIB	550:	020604	123456
	550:	030604	200000
RHAS	550:	040604	200000
RHFS	550:	050604	200000
RHDT	550:	060604	000004
RHOB	550:	070604	200000
Shown are all registers in the initialized state. Register 3 is non-existent and RHIB (Register 2) shows the random input data from the looparound silo.			
5. Load RHCS1 with the Interface clear command, read all registers showing initialized state, and resetting the RHCS1 register by loading zeros.			
*LCS 11			
*RDA 0,7			
RHCS1	550:	000604	004011
RHIS	550:	010604	000200
RHIB	550:	020604	123456
	550:	030604	200000
RHAS	550:	040604	200000
RHFS	550:	050604	200000
RHDT	550:	060604	000004
RHOB	550:	070604	200000
*LCS 0			
6. With the maintenance loop cable installed, loading all one into the RHFS register causes many other bits to set.			
*LFS -1			
*RDA 0,7			
RHCS1	550:	000604	004000
RHIS	550:	010604	342217
RHIB	550:	020604	123456
	550:	030604	200000
RHAS	550:	040604	200020
RHFS	550:	050604	377777
SIZE	CODE	NUMBER	REV
A	SP	DTR01-0-5	

DEC FORM NO EN-01022-16-N370(381)
DRA 108

SHEET 6 OF 8

ENGINEERING SPECIFICATION		CONTINUATION SHEET	
TITLE DTR01/DR01 Field Checkout and Acceptance Procedure			
RHDT	550:	060604	000004
RHOB	550:	070604	200000
7. Resetting the Massbus with a CNO command to the RH20 initializes all registers:			
*CNO 2600			
*RDA 0,7			
RHCS1	550:	000604	004000
RHIS	550:	010604	000200
RHIB	550:	020604	123456
	550:	030604	200000
RHAS	550:	040604	200000
RHFS	550:	050604	200000
RHDT	550:	060604	000004
RHOB	550:	070604	200000
8. Read the state of the console switches, check identity and reconfigure to another DR01 interface. Then read the RHCS1 register to see if it is there:			
>			
*SWI			
SWITCHES -	000000	400000	
*IDT			
RH20-550	DR01-4		
*CFG			
RH's =	550		
DR01's on 550 =	5		
RH20-550	DR01-5		
*RCS			
RHCS1	550:	000605	004000
9. Read the console switches and change the switches. Then read them again.			
*SWI			
SWITCHES -	000000	000000	
*CSW			
TYPE (CTRL)XSWNNNNN(CR)	NNNNN=NEW RIGHT HALF SWITCH		
>.(CR)			
*SWI			
SWITCHES -	(NNNNN NNNNN)		
SIZE	CODE	NUMBER	REV
A	SP	DTR01-0-5	

DEC FORM NO EN-01022-16-N370(381)
DRA 108

SHEET 7 OF 8

ENGINEERING SPECIFICATION		CONTINUATION SHEET	
TITLE DTR01/DR01 Field Checkout and Acceptance Procedure			
10. EXIT gets you out of the console package.			
*EXT			
Then other diagnostic section can be entered			
Enter option (CON,DDT,EXIT,HELP,MAIN) - MAIN			
- NOW TESTING - RH20-550 DR01-7			
TST1			
TST2			
TST3			
TST4			
TST5			
END OF PASS			
SIZE	CODE	NUMBER	REV
A	SP	DTR01-0-5	

DEC FORM NO EN-01022-16-N370(381)
DRA 108

SHEET 8 OF 8

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DROI-C / DR11-B REGISTER LINK CONFIGURATION

RHCSI - REG #0 (SAME AS STD.)

RHIS - REG #1

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ATA	ERR				N/A	ICPE	IDFE	IRDY			MAINT ONLY	LATA 03	LATA 02	N/A	LK B REQ
													LKDRBF3		LKDRBF1
													LKDRBF2		

RHIB - REG #2 (SAME AS STD.)

RHFS - REG #3

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
N/A	LAF 6	LAF 5	LAF 4	LAF 3	N/A	N/A	N/A	LAF 7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	LKAF06 (DSTAT C)		LKAF04 (DSTAT A)					LKDRBRDY							
		LKALF05 (DSTAT B)		LKAREQ (DRB ATT)											

RHDT - REG #6 }
RHOB - REG #7 } (SAME AS STD.)

REV.	REV.
CHG.	CHG.

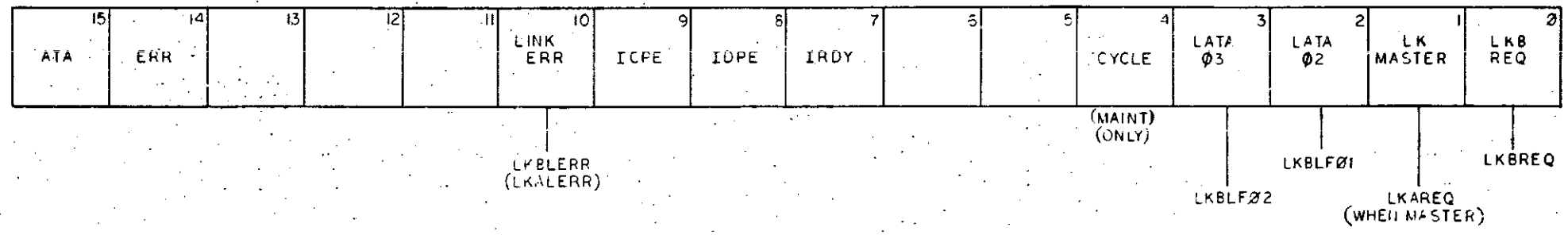
DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES # OF 30°	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES
SURFACE QUALITY	MEDIUM	OVER 0 TO 0.2
QUANTITY & VARIATION	PREFERRED	0.2 TO 0.4
THIRD ANGLE PROJECTION	DRN. <i>[Signature]</i>	NO. C-77
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D <i>[Signature]</i>	FIRST USED ON
DO NOT SCALE DWG	ENG. <i>[Signature]</i>	DROI
MATERIAL	PROD. <i>[Signature]</i>	TITLE
FINISH		DROI-C/DR11-B REGISTER LINK CONFIGURATION
		SIZE CODE
		D BD DROI-0-3
		NUMBER
		REV.

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DRØ1-C / RH20 REGISTERS LINK CONFIGURATION

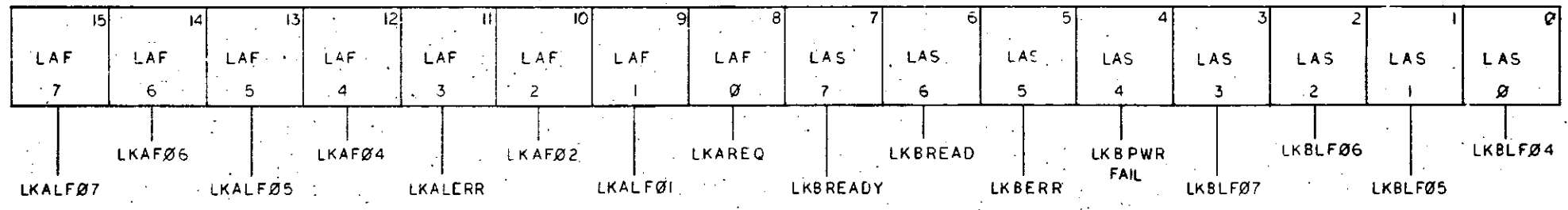
RHCSI—REG #0 (SAME AS STD.)

RHIS—REG #1



RHIB—REG #2 (SAME AS STD.)

RHFS—REG #5

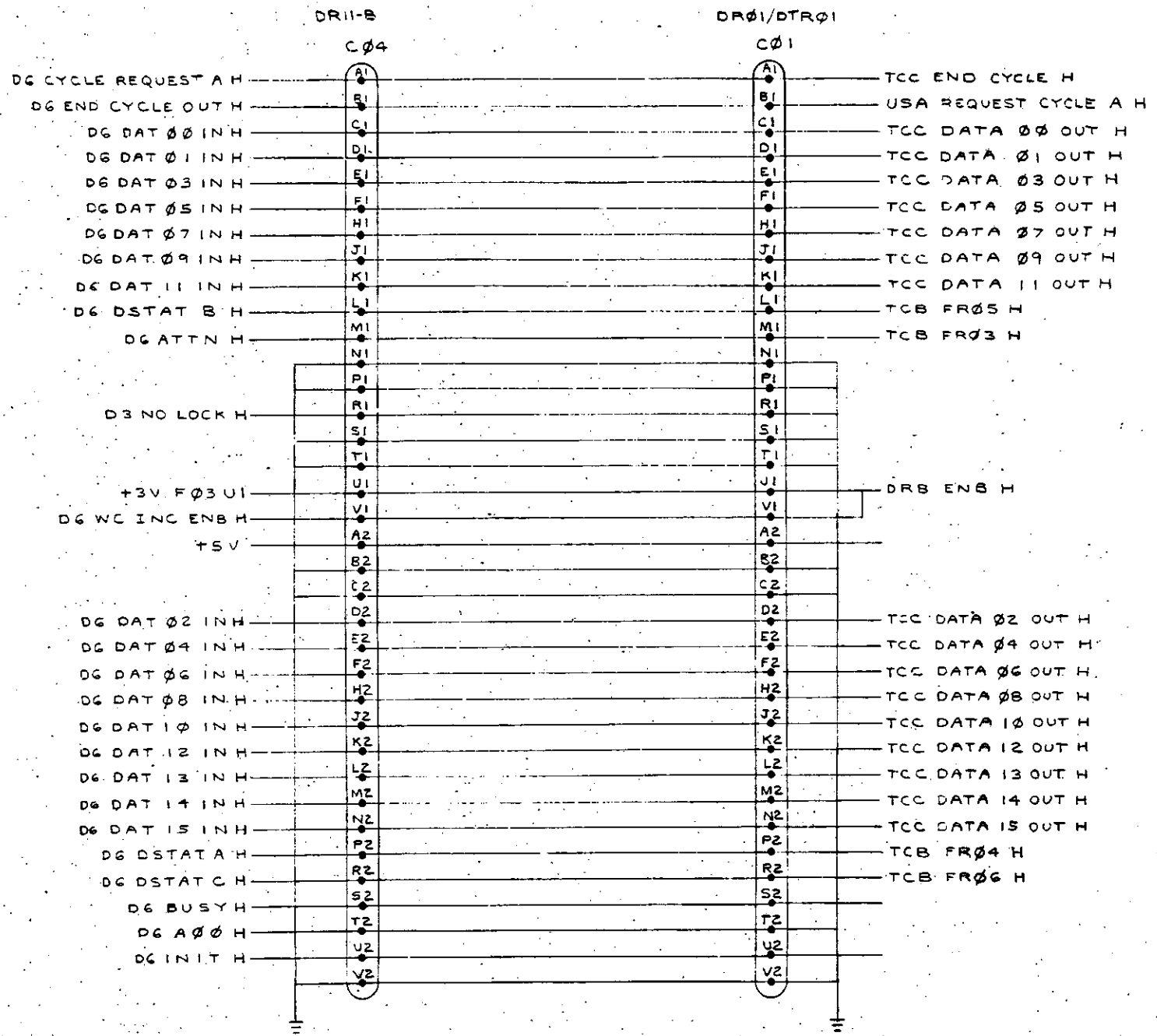


RHDT—REG #6 }
RHOB—REG #7 } (SAME AS STD.)

REV.	
CHANGE NO.	
DATE	

	DESCRIPTION	DWG. PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES Ø 30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES	
SURFACE QUALITY IN	CHECK ONE	Ø0.2 Ø0.3	Ø0.4 Ø0.5 Ø0.6 Ø0.7 Ø0.8 Ø0.9
QUANTITY & VARIATION	MEDIUM	1.000	1.000
	PREFERRED	1.012	1.012
THIRD ANGLE PROJECTION	DRN. <i>[Signature]</i>	DATE 7/77	FIRST USED ON
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D <i>[Signature]</i>	DATE 7/77	DTRØ1
DO NOT SCALE DWG	ENR. <i>[Signature]</i>	DATE 7/77	TITLE
	PROD. <i>[Signature]</i>	DATE 7/77	DRØ1-C/RH20 REGISTER'S LINK CONFIGURATION
MATERIAL	NEXT HIGHER ASSY.	SIZE	CODE
FINISH		D	BDDTRØ1-Ø 9
		SCALE	NONE
		SHEET	OF 1

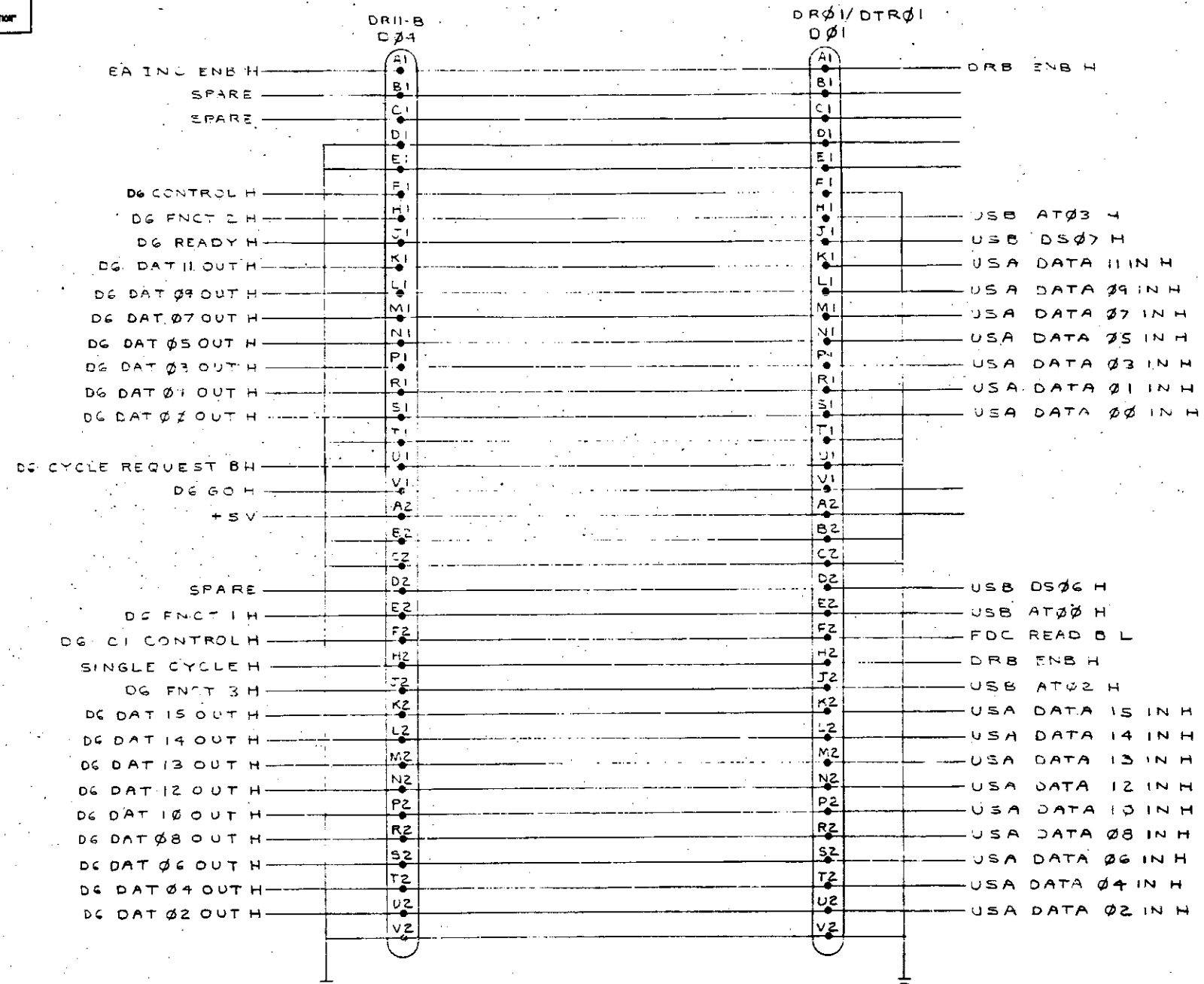
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REV	
CHG	
NO.	

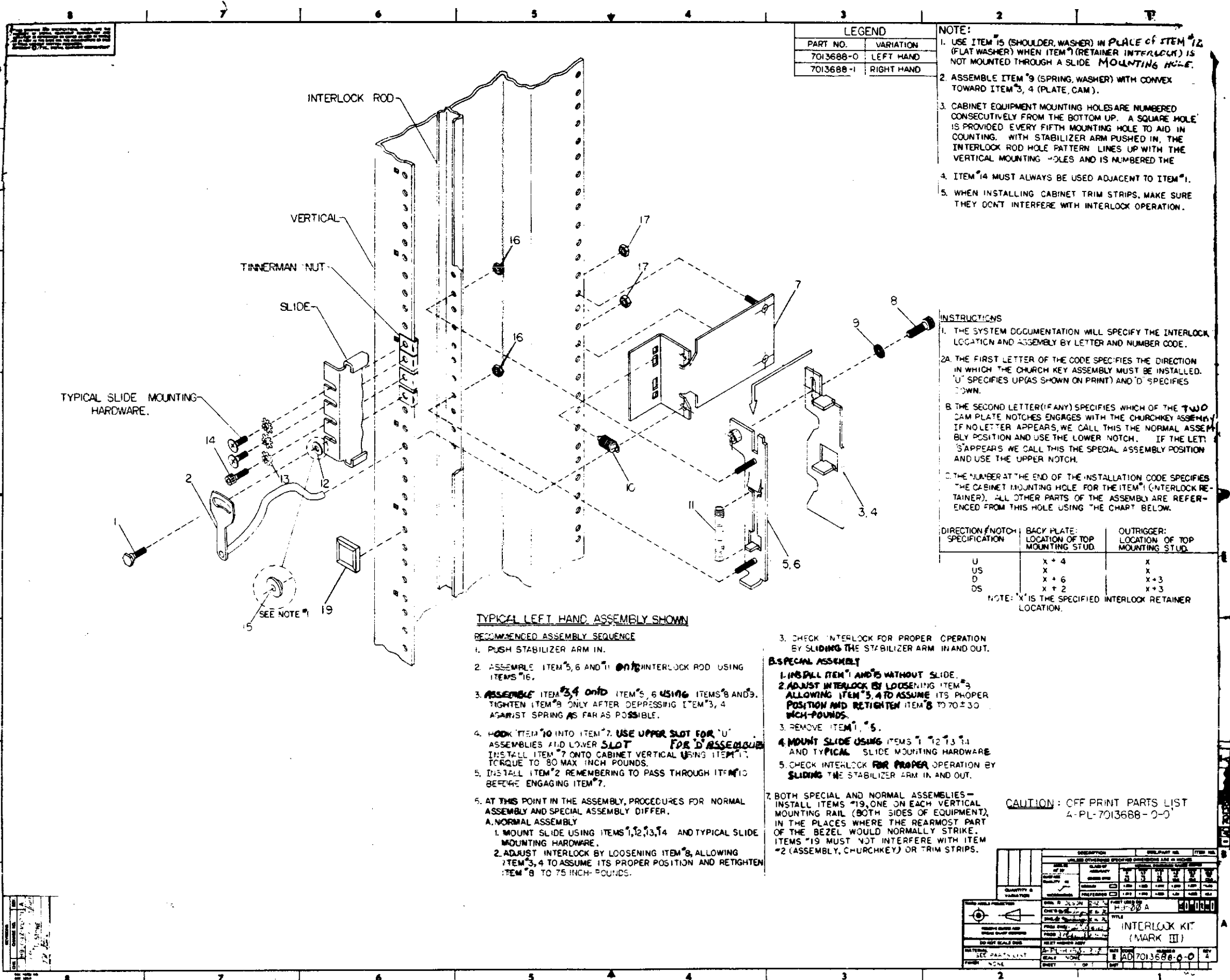
DRN. 02.0000	12 DEC 71	FIRST USED ON	DR01
CHK'D	12 DEC 71	TITLE	DR01/DR11-B
ENG'D	12 DEC 71		LINK SIGNAL
PROJ. ENG.	12 DEC 71		TRANSLATION
PROD. 2	215478		
NEXT HIGHER ASSY.			
SCALE	NONE	SIZE	DIC
SHEET	1 OF 2	NUMBER	DR01-0-10
		REV.	

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REV.	
CHG.	

DRAWN: J.P. O'Connell	12 DEC 77	FIRST USED ON: CTR01
CHK'D: [Signature]	1/28/78	TITLE: DR01/DRII-B
ENG: D. [Signature]	1/28/78	LINK SIGNAL
PROD: [Signature]	1/28/78	TRANSLATION
NEXT HIGHER ASSY.		
6-00-DTR01-C	SIZE CODE: D IC	NUMBER: DTR01-0-10
SCALE: NONE		REV.
SHEET: 1 OF 2	DIST.	



LEGEND

PART NO.	VARIATION
7013688-0	LEFT HAND
7013688-1	RIGHT HAND

- NOTE:**
- USE ITEM #5 (SHOULDER WASHER) IN PLACE OF ITEM #12 (FLAT WASHER) WHEN ITEM #7 (RETAINER INTERLOCK) IS NOT MOUNTED THROUGH A SLIDE MOUNTING HOLE.
 - ASSEMBLE ITEM #9 (SPRING WASHER) WITH CONVEX TOWARD ITEM #3, 4 (PLATE, CAM).
 - CABINET EQUIPMENT MOUNTING HOLES ARE NUMBERED CONSECUTIVELY FROM THE BOTTOM UP. A SQUARE HOLE IS PROVIDED EVERY FIFTH MOUNTING HOLE TO AID IN COUNTING. WITH STABILIZER ARM PUSHED IN, THE INTERLOCK ROD HOLE PATTERN LINES UP WITH THE VERTICAL MOUNTING HOLES AND IS NUMBERED THE
 - ITEM #14 MUST ALWAYS BE USED ADJACENT TO ITEM #1.
 - WHEN INSTALLING CABINET TRIM STRIPS, MAKE SURE THEY DON'T INTERFERE WITH INTERLOCK OPERATION.

INSTRUCTIONS

- THE SYSTEM DOCUMENTATION WILL SPECIFY THE INTERLOCK LOCATION AND ASSEMBLY BY LETTER AND NUMBER CODE.
- THE FIRST LETTER OF THE CODE SPECIFIES THE DIRECTION IN WHICH THE CHURCH KEY ASSEMBLY MUST BE INSTALLED. 'U' SPECIFIES UP (AS SHOWN ON PRINT) AND 'D' SPECIFIES DOWN.
- THE SECOND LETTER (IF ANY) SPECIFIES WHICH OF THE TWO CAM PLATE NOTCHES ENGAGES WITH THE CHURCHKEY ASSEMBLY. IF NO LETTER APPEARS, WE CALL THIS THE NORMAL ASSEMBLY POSITION AND USE THE LOWER NOTCH. IF THE LETTER 'S' APPEARS WE CALL THIS THE SPECIAL ASSEMBLY POSITION AND USE THE UPPER NOTCH.
- THE NUMBER AT THE END OF THE INSTALLATION CODE SPECIFIES THE CABINET MOUNTING HOLE FOR THE ITEM #1 (INTERLOCK RETAINER). ALL OTHER PARTS OF THE ASSEMBLY ARE REFERENCED FROM THIS HOLE USING THE CHART BELOW.

DIRECTION / NOTCH SPECIFICATION	BACK PLATE LOCATION OF TOP MOUNTING STUD	OUTRIGGER LOCATION OF TOP MOUNTING STUD
U	X + 4	X
US	X	X
D	X + 6	X + 3
DS	X + 2	X + 3

NOTE: 'X' IS THE SPECIFIED INTERLOCK RETAINER LOCATION.

TYPICAL LEFT HAND ASSEMBLY SHOWN

RECOMMENDED ASSEMBLY SEQUENCE

- PUSH STABILIZER ARM IN.
- ASSEMBLE ITEM #5, 6 AND #11 ONTO INTERLOCK ROD USING ITEM #16.
- ASSEMBLE ITEM #3, 4 ONTO ITEM #5, 6 USING ITEM #8 AND #9. TIGHTEN ITEM #8 ONLY AFTER DEPRESSING ITEM #3, 4 AGAINST SPRING AS FAR AS POSSIBLE.
- HOOK ITEM #10 INTO ITEM #7. USE UPPER SLOT FOR 'U' ASSEMBLIES AND LOWER SLOT FOR 'D' ASSEMBLIES. INSTALL ITEM #7 ONTO CABINET VERTICAL USING ITEM #17. TORQUE TO 80 MAX INCH POUNDS.
- INSTALL ITEM #2 REMEMBERING TO PASS THROUGH ITEM #10 BEFORE ENGAGING ITEM #7.
- AT THIS POINT IN THE ASSEMBLY, PROCEDURES FOR NORMAL ASSEMBLY AND SPECIAL ASSEMBLY DIFFER.
 - NORMAL ASSEMBLY**
 - MOUNT SLIDE USING ITEMS #1, #2, #3, #4 AND TYPICAL SLIDE MOUNTING HARDWARE.
 - ADJUST INTERLOCK BY LOOSENING ITEM #8, ALLOWING ITEM #3, 4 TO ASSUME ITS PROPER POSITION AND RETIGHTEN ITEM #8 TO 75 INCH-POUNDS.
 - SPECIAL ASSEMBLY**
 - INSTALL ITEM #1 AND #5 WITHOUT SLIDE.
 - ADJUST INTERLOCK BY LOOSENING ITEM #8, ALLOWING ITEM #3, 4 TO ASSUME ITS PROPER POSITION AND RETIGHTEN ITEM #8 TO 70 ± 30 INCH-POUNDS.
 - REMOVE ITEM #1, #5.
 - MOUNT SLIDE USING ITEMS #1, #2, #3, #4 AND TYPICAL SLIDE MOUNTING HARDWARE.
 - CHECK INTERLOCK FOR PROPER OPERATION BY SLIDING THE STABILIZER ARM IN AND OUT.
- BOTH SPECIAL AND NORMAL ASSEMBLIES - INSTALL ITEMS #19, ONE ON EACH VERTICAL MOUNTING RAIL (BOTH SIDES OF EQUIPMENT), IN THE PLACES WHERE THE REARMOST PART OF THE BEZEL WOULD NORMALLY STRIKE. ITEMS #19 MUST NOT INTERFERE WITH ITEM #2 (ASSEMBLY, CHURCHKEY) OR TRIM STRIPS.

CAUTION: OFF PRINT PARTS LIST
A-PL-7013688-0-0

REV	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	11/22/77	AD
2	REVISED TO ADD PART #19	11/22/77	AD
3	REVISED TO ADD PART #19	11/22/77	AD
4	REVISED TO ADD PART #19	11/22/77	AD
5	REVISED TO ADD PART #19	11/22/77	AD
6	REVISED TO ADD PART #19	11/22/77	AD
7	REVISED TO ADD PART #19	11/22/77	AD
8	REVISED TO ADD PART #19	11/22/77	AD
9	REVISED TO ADD PART #19	11/22/77	AD
10	REVISED TO ADD PART #19	11/22/77	AD
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50	REVISED TO ADD PART #19	11/22/77	AD