

SHEET INDEX

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DWG ISSUE	CD ISSUE	DATE ISSUED	BY	APP'D
1	1	7.30.70	WCF	WMS
2B	APP 1B	4.18.91	DAC	MPV
			SAF	AW5

SUPPORTING INFORMATION	
CATEGORY	NO.
EQUIPMENT DRAWING	J1C147BE

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7N98

COMMON SYSTEMS
 3B200 MODEL 2 PROCESSOR
 POWER DISTRIBUTION UNIT
 CIRCUIT

AT&T BELL LABORATORIES

SD-4C102-01

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AT&T BELL LABORATORIES
 PROVISIONAL

DWG SIZE
 88

ISSUE
 2B

SHEET A1
 OF 17

SHEET INDEX - OPERATION AND MAINTENANCE

CONTENTS	SHEET NO.	SHEET ISSUE NO.
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RESERVED		
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FIGURES, NOTES AND OTHER INFORMATION REFERENCED IN THIS DRAWING, BUT NOT LISTED IN THIS "OPERATION AND MAINTENANCE" SHEET INDEX ARE REQUIRED FOR ENGINEERING AND MANUFACTURING PURPOSES ONLY AND ARE NOT PROVIDED.

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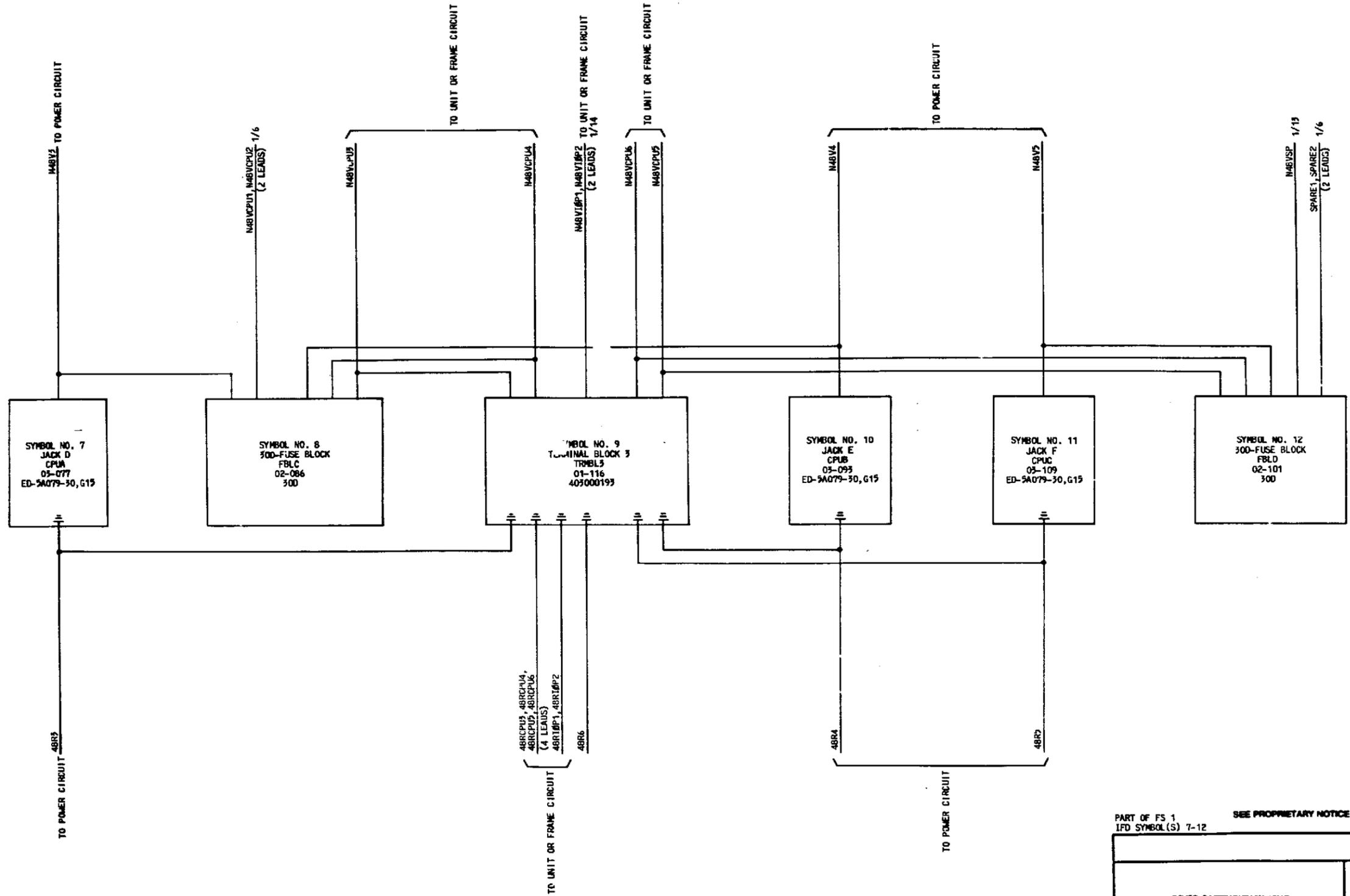
7N98		AT&T PROVISIONAL	
COMMON SYSTEMS			
3B20D MODEL 2 PROCESSOR POWER DISTRIBUTION UNIT CIRCUIT		DWG SIZE 65	ISSUE 2B
OPERATION AND MAINTENANCE			
AT&T BELL LABORATORIES	SD-4C102-01	SHEET A#1 OF 12	

APPARATUS INDEX

LEAD INDEX

LOCATION				LOCATION			LOCATION		
DESIG	FS/SYM	APPPG	EQPT	DESIG	FS/SYM	EQPT	DESIG	FS/SYM	EQPT
FUSE BLOCK				ME CIRCUIT			POWER CIRCUIT (CONT)		
FBLA	1/2	1	02-054	48RCPU1	1/6	050	N48V5	1/11	052,053
FBLB	1/5	1	02-049	48RCPU2	1/6	050	N48V6	1/15	052,053
FBLC	1/8	1	02-036	48RCPU3	1/9	050	N48V7	1/18	052,053
FBLD	1/12	1	02-101	48RCPU4	1/9	050	N48VSP	1/13	052,053
FBLE	1/14	1	02-138	48RCPU5	1/9	050	UNIT		
FBLF	1/17	1	02-153	48RCPU6	1/9	050	48RCPU1	1/6	050
POWER FEEDER				48RDFC1	1/6	050	48RCPU2	1/6	050
CPUA	1/7	1	03-077	48RDFC2	1/6	050	48RCPU3	1/9	050
CPUB	1/10	1	03-093	48RFAN1	1/3	050	48RCPU4	1/9	050
CPUC	1/11	1	03-109	48RFAN2	1/3	050	48RCPU5	1/9	050
DFC	1/4	1	03-036	48RFAN3	1/3	050	48RCPU6	1/9	050
FANS	1/1	1	03-020	48RFAN4	1/3	050	48RDFC1	1/6	050
IOPA	1/15	1	03-134	48RFCL1	1/3	050	48RDFC2	1/6	050
IOPB	1/18	1	03-150	48RFCL2	1/3	050	48RFAN1	1/3	050
PDU	1/19	1	03-166	48RIOP1	1/9	050	48RFAN2	1/3	050
SPARE	1/13	1	03-052	48RIOP2	1/9	050	48RFAN3	1/3	050
TERM BLOCK				48RIOP3	1/16	050	48RFAN4	1/3	050
TRMBL1	1/3	1	01-028	48RIOP4	1/16	050	48RFCL1	1/3	050
TRMBL2	1/6	1	01-072	48RIOP5	1/16	050	48RFCL2	1/3	050
TRMBL3	1/9	1	01-116	48RIOP6	1/16	050	48RIOP1	1/9	050
TRMBL4	1/16	1	01-160	48RIOP7	1/16	050	48RIOP2	1/9	050
N48VCPU1	1/6	050	48RIOP8	1/16	050	48RIOP3	1/16	050	
N48VCPU2	1/6	050	N48VCPU3	1/8	050	48RIOP4	1/16	050	
N48VCPU3	1/9	050	N48VCPU4	1/9	050	48RIOP5	1/16	050	
N48VCPU4	1/9	050	N48VCPU5	1/9	050	48RIOP6	1/16	050	
N48VCPU5	1/9	050	N48VCPU6	1/9	050	48RIOP7	1/16	050	
N48VCPU6	1/9	050	N48VDFC1	1/5	050	48RIOP8	1/16	050	
N48VDFC1	1/5	050	N48VDFC2	1/5	050	N48VCPU1	1/6	050	
N48VDFC2	1/5	050	N48VFAN1	1/2	050	N48VCPU2	1/6	050	
N48VFAN1	1/2	050	N48VFAN2	1/2	050	N48VCPU3	1/8	050	
N48VFAN2	1/2	050	N48VFAN3	1/2	050	N48VCPU4	1/9	050	
N48VFAN3	1/2	050	N48VFAN4	1/2	050	N48VCPUS	1/9	050	
N48VFAN4	1/2	050	N48VFCL1	1/3	050	N48VCPU6	1/9	050	
N48VFCL1	1/3	050	N48VFCL2	1/3	050	N48VDFC1	1/5	050	
N48VFCL2	1/3	050	N48VDFC1	1/9	050	N48VDFC2	1/5	050	
N48VDFC1	1/9	050	N48VDFC2	1/9	050	N48VFAN1	1/2	050	
N48VDFC2	1/9	050	N48VDFC3	1/16	050	N48VFAN2	1/2	050	
N48VDFC3	1/16	050	N48VDFC4	1/16	050	N48VFAN3	1/2	050	
N48VDFC4	1/16	050	N48VDFC5	1/16	050	N48VFAN4	1/2	050	
N48VDFC5	1/16	050	N48VDFC6	1/16	050	N48VFCL1	1/3	050	
N48VDFC6	1/16	050	N48VDFC7	1/16	050	N48VFCL2	1/3	050	
N48VDFC7	1/16	050	N48VDFC8	1/16	050	N48VDFC1	1/9	050	
N48VDFC8	1/16	050	N48VDFC9	1/16	050	N48VDFC2	1/9	050	
N48VDFC9	1/16	050	N48VDFC10	1/16	050	N48VDFC3	1/16	050	
N48VDFC10	1/16	050	N48VDFC11	1/16	050	N48VDFC4	1/16	050	
N48VDFC11	1/16	050	N48VDFC12	1/16	050	N48VDFC5	1/16	050	
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N48VDFC53	1/16	050	N48VDFC54	1/16	050	N48VDFC47	1/16	050	
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N48VDFC63	1/16	050	N48VDFC64	1/16	050	N48VDFC57	1/16	050	
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N48VDFC66	1/16	050	N48VDFC67	1/16	050	N48VDFC60	1/16	050	
N48VDFC67	1/16	050	N48VDFC68	1/16	050	N48VDFC61	1/16	050	
N48VDFC68	1/16	050	N48VDFC69	1/16	050	N48VDFC62	1/16	050	
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N48VDFC85	1/16	050	N48VDFC86	1/16	050	N48VDFC79	1/16	050	
N48VDFC86	1/16	050	N48VDFC87	1/16	050	N48VDFC80	1/16	050	
N48VDFC87	1/16	050	N48VDFC88	1/16	050	N48VDFC81	1/16	050	
N48VDFC88	1/16	050	N48VDFC89	1/16	050	N48VDFC82	1/16	050	
N48VDFC89	1/16	050	N48VDFC90	1/16	050	N48VDFC83	1/16	050	
N48VDFC90	1/16	050	N48VDFC91	1/16	050	N48VDFC84	1/16	050	
N48VDFC91	1/16	050	N48VDFC92	1/16	050	N48VDFC85	1/16	050	
N48VDFC92	1/16	050	N48VDFC93	1/16	0				

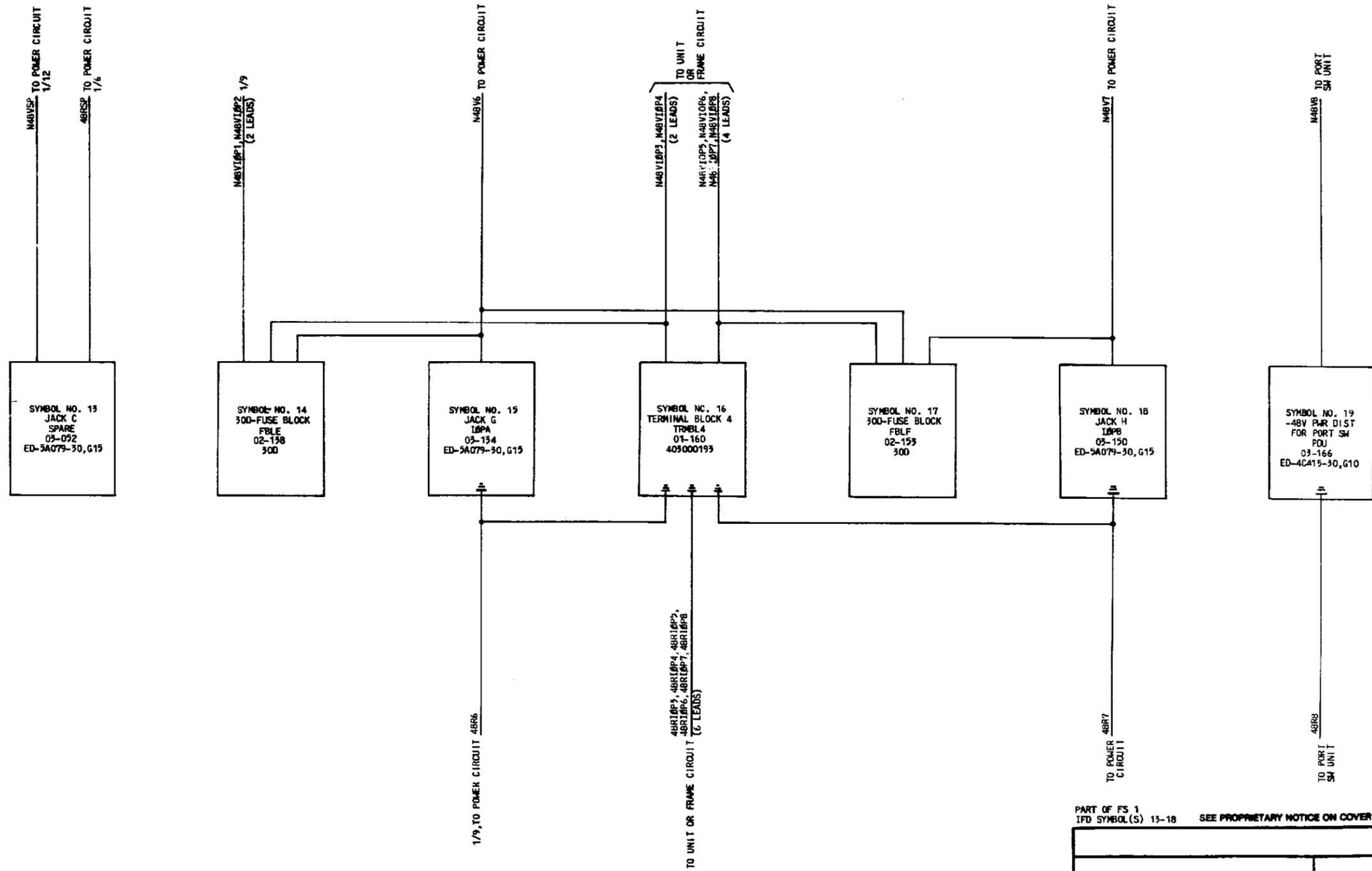
PART OF FS 1
POWER DISTRIBUTION UNIT
INTERCONNECTION AND FLOW DIAGRAM



SEE PROPRIETARY NOTICE ON COVER SHEET

PART OF FS 1 IFD SYMBOL(S) 7-12		POWER DISTRIBUTION UNIT	
DWG SIZE	ISSUE		
8	2B		
AT&T BELL LABORATORIES	SD-4C102-01	SHEET B01AB	

PART OF FS 1
POWER DISTRIBUTION UNIT
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 1
IFD SYMBOL(S) 13-18 SEE PROPRIETARY NOTICE ON COVER SHEET

POWER DISTRIBUTION UNIT		DWG SIZE	ISSUE
		65	2B
AT&T BELL LABORATORIES	SD-4C102-01	B#1AC	

MADE IN U.S.A.

PART OF FS 1
POWER DISTRIBUTION UNIT

SYMBOL NO. 1
JACK A

DESIG.	EOPT LOC	CODE	ELEM IDENT	OPT
FANS	03-020	ED-5A079-30,G15		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48V1	PWR		N48VA	1/2, 1/5 TO POWER CIRCUIT	
48R1	GRD		RTBA	1/3 TO POWER CIRCUIT	

SYMBOL NO. 2
300-FUSE BLOCK

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
FBLA	02-034	300		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48VFAN1	PWR		4	1/2	
	PWR		4A	1/3 TO UNIT OR FRAME CIRCUIT	
N48VFAN2	PWR		3	1/2	
	PWR		3A	1/3 TO UNIT OR FRAME CIRCUIT	
N48VFAN3	PWR			1/3 TO UNIT OR FRAME CIRCUIT	
	PWR		2A	1/2	
N48VFAN4	PWR		1	1/2	
	PWR		1A	1/3 TO UNIT OR FRAME CIRCUIT	
N48V1	PWR		BATZ	1/1	

SYMBOL NO. 3
TERMINAL BLOCK 1

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TRMBL1	01-028	403000193		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48VFAN1	PWR		1F	1/2	
	PWR		1R	1/2	
N48VFAN2	PWR		3F	1/2	
	PWR		3R	1/2	
N48VFAN3	PWR		5F	1/2	
	PWR		5R	1/2	
N48VFAN4	PWR		7F	1/2	
	PWR		7R	1/2	
N48VFCL1	PWR		9F	1/3	
	PWR		9R	1/5 TO UNIT OR FRAME CIRCUIT	
N48VFCL2	PWR		11F	1/3 TO UNIT OR FRAME CIRCUIT	
	PWR		11R	1/5	

SYMBOL NO. 3 (CONT)
TERMINAL BLOCK 1

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TRMBL1	01-028	403000193		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
48RFAN1	GRD		2K	TO UNIT OR FRAME CIRCUIT	
48RFAN2	GRD		4R	TO UNIT OR FRAME CIRCUIT	
48RFAN3	GRD		6R	TO UNIT OR FRAME CIRCUIT	
48RFAN4	GRD		8R	TO UNIT OR FRAME CIRCUIT	
48RFCL1	GRD		10R	TO UNIT OR FRAME CIRCUIT	
48RFCL2	GRD		12R	TO UNIT OR FRAME CIRCUIT	
48R1	PWR		10F	1/1	
	PWR		10R	1/1	
	PWR		12F	1/1	
	GRD		12R	1/1	
	GRD		2F	1/1	
	GRD		2R	1/1	
	GRD		4F	1/1	
	GRD		4R	1/1	
	GRD		6F	1/1	
	GRD		6R	1/1	
	GRD		8F	1/1	
	GRD		8R	1/1	

SYMBOL NO. 4
JACK B

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFC	03-036	ED-5A079-30,G15		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48V2	PWR		N48VB	1/5 TO POWER CIRCUIT	
48R2	GRD		RTNB	1/6 TO POWER CIRCUIT	

SYMBOL NO. 5
300-FUSE BLOCK

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
FBLB	02-049	300		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48VDFC1	PWR		6	1/5 TO UNIT OR FRAME CIRCUIT	
N48VDFC2	PWR		6A	1/6	
	PWR		5	1/6	
	PWR		5A	1/5 TO UNIT OR FRAME CIRCUIT	
N48VFCL1	PWR		8	1/3	
	PWR		8A	1/3	
N48VFCL2	PWR		7	1/3	
	PWR		7A	1/3	
N48V1	PWR		BATZ	1/1	
N48V2	PWR		BAT1	1/4	

SYMBOL NO. 6
TERMINAL BLOCK 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TRMBL2	01-072	403000193		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48VCPU1	PWR		9F	1/6	
	PWR		9R	1/8 TO UNIT OR FRAME CIRCUIT	
N48VCPU2	PWR		11F	1/6	
	PWR		11R	1/8 TO UNIT OR FRAME CIRCUIT	
N48VDFC1	PWR		1F	1/5	
	PWR		1R	1/5	
N48VDFC2	PWR		3F	1/5	
	PWR		3R	1/5	
SPARE1	PWR		5R	1/6	
SPARE2	PWR		5F	1/12	
	PWR		7F	1/6	
	PWR		7R	1/12	
48RCPU1	GRD		10R	TO UNIT OR FRAME CIRCUIT	
48RCPU2	GRD		12R	TO UNIT OR FRAME CIRCUIT	
48RDFC1	GRD		2R	TO UNIT OR FRAME CIRCUIT	
48RDFC2	GRD		4R	TO UNIT OR FRAME CIRCUIT	
48RSP	GRD		6F	1/13	
	GRD		6R	1/13	
	GRD		8F	1/13	
	GRD		8R	1/13	
48R2	GRD		2F	1/4	
	GRD		2R	1/4	
	GRD		4F	1/4	
	GRD		4R	1/4	
48R3	GRD		10F	1/7	
	GRD		10R	1/7	
	GRD		12F	1/7	

SYMBOL NO. 6 (CONT)
TERMINAL BLOCK 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TRMBL2	01-072	403000193		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
				12R	1/7

SYMBOL NO. 7
JACK D

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
CPLA	03-077	ED-5A079-30,G15		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48V3	PWR		N48VD	1/8 TO POWER CIRCUIT	
48R3	GRD		RTND	1/6, 1/9 TO POWER CIRCUIT	

SYMBOL NO. 8
300-FUSE BLOCK

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
FBLC	02-086	300		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48VCPU1	PWR		12	1/6	
	PWR		12A	1/6	
N48VCPU2	PWR		11	1/6	
N48VCPU3	PWR		11A	1/6	
	PWR		10	1/8	
	PWR		10A	1/9 TO UNIT OR FRAME CIRCUIT	
N48VCPU4	PWR		9	1/9	
	PWR		9A	1/9	
N48V3	PWR		BATZ	1/7	
N48V4	PWR		BAT1	1/10	

PART OF FS 1

SYMBOL(S) 1 2 3 4 5 6 7 8

POWER DISTRIBUTION UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C102-01	B#1CA	

PART OF FS 1
POWER DISTRIBUTION UNIT

SYMBOL NO. 9 TERMINAL BLOCK 3							SYMBOL NO. 10 JACK E							SYMBOL NO. 13 JACK C							SYMBOL NO. 16 TERMINAL BLOCK 4						
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
TRMBL3	01-116	403000193					CPUB	03-093	ED-5A079-30,G13					SPARE	03-052	ED-5A079-30,G13					TRMBL4	01-160	403000193				
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
N48VCPUS	PWR		1F		1/8		N48V4	PWR		N48VE		1/8	TO POWER CIRCUIT	N48VSP	PWR		N48VC		1/12	TO POWER CIRCUIT	N48V10P3	PWR		1F		1/16	
N48VCPU4	PWR		1R		1/8		48R4	GRD		RTNE		1/9	TO POWER CIRCUIT	48RSP	PWR		RTNC		1/6	TO POWER CIRCUIT	N48V10P4	PWR		3F		1/16	TO UNIT OR FRAME CIRCUIT
N48VCPU4	PWR		3F		1/9		SYMBOL NO. 11 JACK F							SYMBOL NO. 14 300-FUSE BLOCK							N48V10P5	PWR		3R		1/16	TO UNIT OR FRAME CIRCUIT
N48VCPUS	PWR		5F		1/9		SYMBOL NO. 12 300-FUSE BLOCK							SYMBOL NO. 15 JACK G							N48V10P6	PWR		5F		1/16	TO UNIT OR FRAME CIRCUIT
N48VCPU6	PWR		5R		1/12	TO UNIT OR FRAME CIRCUIT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			N48V10P7	PWR		5R		1/17	TO UNIT OR FRAME CIRCUIT
N48VCPU6	PWR		7F		1/9		CPUC	03-109	ED-5A079-30,G13					FBLE	02-138	300					N48V10P8	PWR		7F		1/16	TO UNIT OR FRAME CIRCUIT
N48VCPU6	PWR		7R		1/12	TO UNIT OR FRAME CIRCUIT	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	N48V10P9	PWR		7R		1/17	TO UNIT OR FRAME CIRCUIT
N48V10P1	PWR		9F		1/9		N48V3	PWR		N48VP		1/12	TO POWER CIRCUIT	N48V10P1	PWR		20		1/9		N48V10P10	PWR		9F		1/16	TO UNIT OR FRAME CIRCUIT
N48V10P1	PWR		9R		1/14	TO UNIT OR FRAME CIRCUIT	48R3	GRD		RTNF		1/9	TO POWER CIRCUIT	N48V10P2	PWR		20A		1/9		N48V10P11	PWR		9R		1/17	TO UNIT OR FRAME CIRCUIT
N48V10P2	PWR		11F		1/9		SYMBOL NO. 13 JACK D							N48V10P3	PWR		19		1/9		N48V10P12	PWR		11F		1/16	TO UNIT OR FRAME CIRCUIT
N48V10P2	PWR		11R		1/14	TO UNIT OR FRAME CIRCUIT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			N48V10P4	PWR		19A		1/9		N48V10P13	PWR		11R		1/17	TO UNIT OR FRAME CIRCUIT
48RCPU3	GRD		2R		TO UNIT OR FRAME CIRCUIT	FBLO	02-101	300					N48V10P5	PWR		18		1/16		48R10P3	GRD		2R		TO UNIT OR FRAME CIRCUIT		
48RCPU4	GRD		4R		TO UNIT OR FRAME CIRCUIT	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	N48V10P6	PWR		18A		1/16		48R10P4	GRD		4R		TO UNIT OR FRAME CIRCUIT		
48RCPU5	GRD		6R		TO UNIT OR FRAME CIRCUIT	N48VCPUS	PWR		16		1/9		N48V10P7	PWR		17A		1/16		48R10P5	GRD		6R		TO UNIT OR FRAME CIRCUIT		
48RCPU6	GRD		8R		TO UNIT OR FRAME CIRCUIT	N48VCPU6	PWR		16A		1/9		N48V6	PWR		BAT2		1/13		48R10P6	GRD		8R		TO UNIT OR FRAME CIRCUIT		
48R10P1	GRD		10R		TO UNIT OR FRAME CIRCUIT	N48VSP	PWR		15A		1/9		48R7	GRD		10F		1/16		48R10P7	GRD		10R		TO UNIT OR FRAME CIRCUIT		
48R10P2	GRD		12A		TO UNIT OR FRAME CIRCUIT	N48V5	PWR		15		1/9		48R6	GRD		10R		1/16		48R10P8	GRD		12A		TO UNIT OR FRAME CIRCUIT		
48R3	GRD		2F		1/7		SPARE1	PWR		14		1/6		48R5	GRD		4R		1/15		48R6	GRD		2F		1/15	
48R4	GRD		2R		1/7		SPARE2	PWR		14A		1/6		48R4	GRD		6F		1/15		48R7	GRD		2R		1/15	
48R4	GRD		4F		1/10		SPARE2	PWR		15		1/6		48R5	GRD		6R		1/15		48R7	GRD		4F		1/15	
48R5	GRD		4R		1/10		48R6	GRD		10F		1/16		48R6	GRD		8R		1/15		48R7	GRD		6R		1/15	
48R5	GRD		6F		1/11		48R6	GRD		10R		1/16		48R7	GRD		10R		1/16		48R7	GRD		10F		1/16	
48R5	GRD		6R		1/11		48R6	GRD		12F		1/16		48R7	GRD		12F		1/16		48R7	GRD		12R		1/18	
48R6	GRD		8F		1/11		48R6	GRD		12R		1/18		48R7	GRD		8F		1/18		48R7	GRD		8R		1/18	
48R6	GRD		8R		1/11		48R6	GRD		12R		1/18		48R7	GRD		8R		1/18		48R7	GRD		8R		1/18	
48R6	GRD		10F		1/15		48R6	GRD		12R		1/18		48R7	GRD		8R		1/18		48R7	GRD		8R		1/18	
48R6	GRD		10R		1/15		48R6	GRD		12R		1/18		48R7	GRD		8R		1/18		48R7	GRD		8R		1/18	
48R6	GRD		12F		1/15		48R6	GRD		12R		1/18		48R7	GRD		8R		1/18		48R7	GRD		8R		1/18	
48R6	GRD		12R		1/15		48R6	GRD		12R		1/18		48R7	GRD		8R		1/18		48R7	GRD		8R		1/18	

PART OF FS 1
SYMBOL(S) 9 10 11 12 13 14 15 16

POWER DISTRIBUTION UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C102-01	B#1CB	
		8	9

07/16/52

PART OF FS 1
POWER DISTRIBUTION UNIT

SYMBOL NO. 17
300-FUSE BLOCK

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FBLF	02-153	300		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48V10P5	PWR		24	1/16	
	PWR		24A	1/16	
N48V10P6	PWR		23	1/16	
N48V10P7	PWR		23A	1/16	
	PWR		22	1/16	
	PWR		22A	1/16	
N48V10P8	PWR		21	1/16	
N48V6	PWR		21A	1/16	
	PWR		BAT2	1/15	
N48V7	PWR		BAT1	1/18	

SYMBOL NO. 18
JACK H

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
IDPB	03-150	ED-5A079-30,G15		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48V7	PWR		N48VH	1/17	
48R7	GRD		RTNH	1/16	TO POWER CIRCUIT
				1/16	TO POWER CIRCUIT

SYMBOL NO. 19
-48V PWR DIST. FOR PORT SW.

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PDU	03-166	ED-4C415-30,G10		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
N48V8	PWR		N48VJ		TO PORT SW
48R8	GRD		RTNJ		TO PORT SW

PART OF FS 1
SYMBOL(S) 17 18 19

SEE PROPRIETARY NOTICE ON COVER SHEET

POWER DISTRIBUTION UNIT		DWG SIZE □	ISSUE 2B
AT&T BELL LABORATORIES	SD-4C102-01	B#1CC	

PRINTED IN U. S. A.

04/11/74

APP FIG. 1

FUSE BLOCK

OPTION	DESIG	FS/SYM	CODE
	FBLA	1/2	300
	FBLB	1/5	300
	FBLC	1/8	300
	FBLD	1/12	300
	FBLE	1/14	300
	FBLF	1/17	300

POWER FEEDER

OPTION	DESIG	FS/SYM	CODE
	CPUA	1/7	ED-5A079-30,G15
	CPUB	1/10	ED-5A079-30,G15
	CPUC	1/11	ED-5A079-30,G15
	DFC	1/4	ED-5A079-30,G15
	FANS	1/1	ED-5A079-30,G15
	IDPA	1/15	ED-5A079-30,G15
	IDPB	1/18	ED-5A079-30,G15
	PDU	1/19	ED-4C415-30,G10
	SPARE	1/13	ED-5A079-30,G15

TERM BLOCK

OPTION	DESIG	FS/SYM	CODE
	TRMBL1	1/3	403000193
	TRMBL2	1/6	403000193
	TRMBL3	1/9	403000193
	TRMBL4	1/16	403000193

SEE PROPRIETARY NOTICE ON COVER SHEET

		ISSUE 2B
POWER DISTRIBUTION UNIT		SD-4C102-01-C#1
AT&T BELL LABORATORIES	SIZE E2	

0 1 2 3 4 5 6 7 8 9

A A

CIRCUIT NOTES

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

B B

C C

D D

E E

F F

G G

H H

POWER DISTRIBUTION UNIT		
DWG SIZE	ISSUE	
05	1	
BELL LABORATORIES	SD-4C102-01	SHEET 01

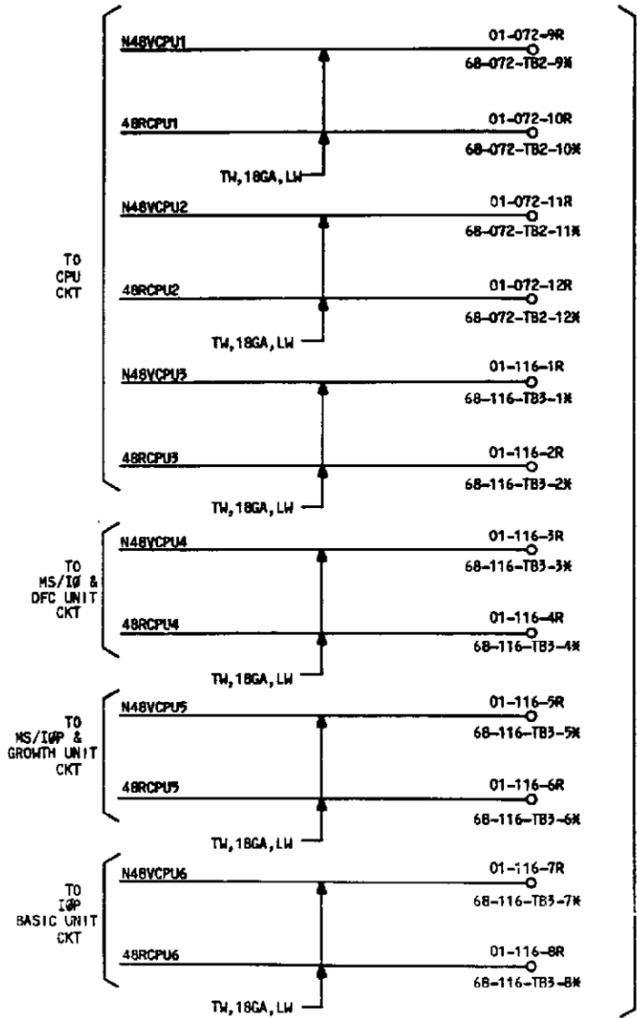
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0 1 2 3 4 5 6 7 8 9

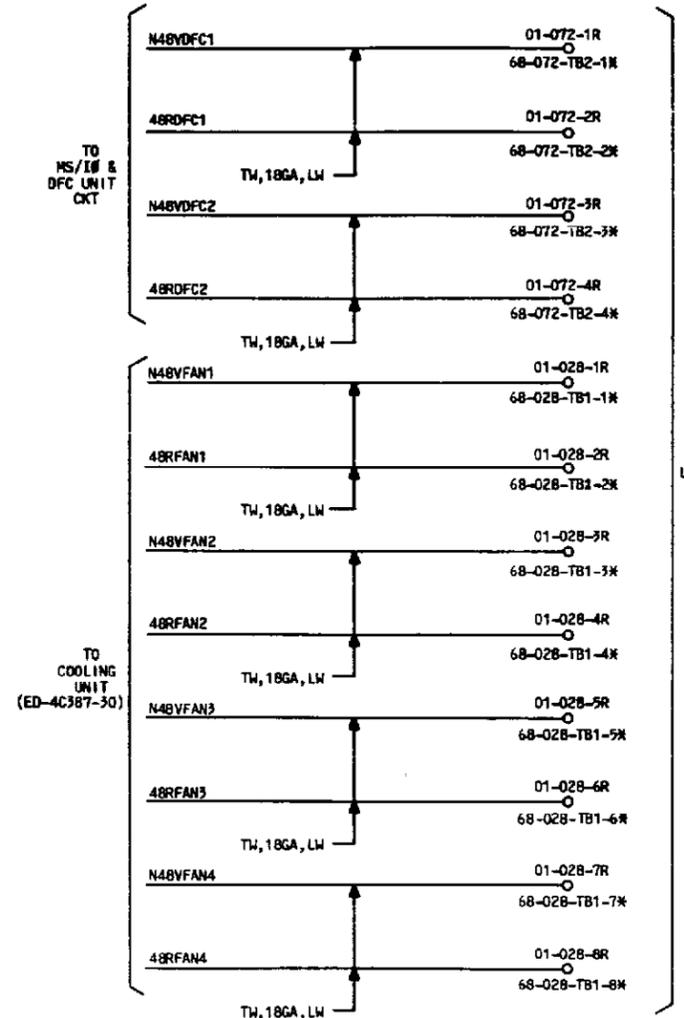
INFORMATION NOTES (CONT):

304. GRAPHICAL CADS
THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 050

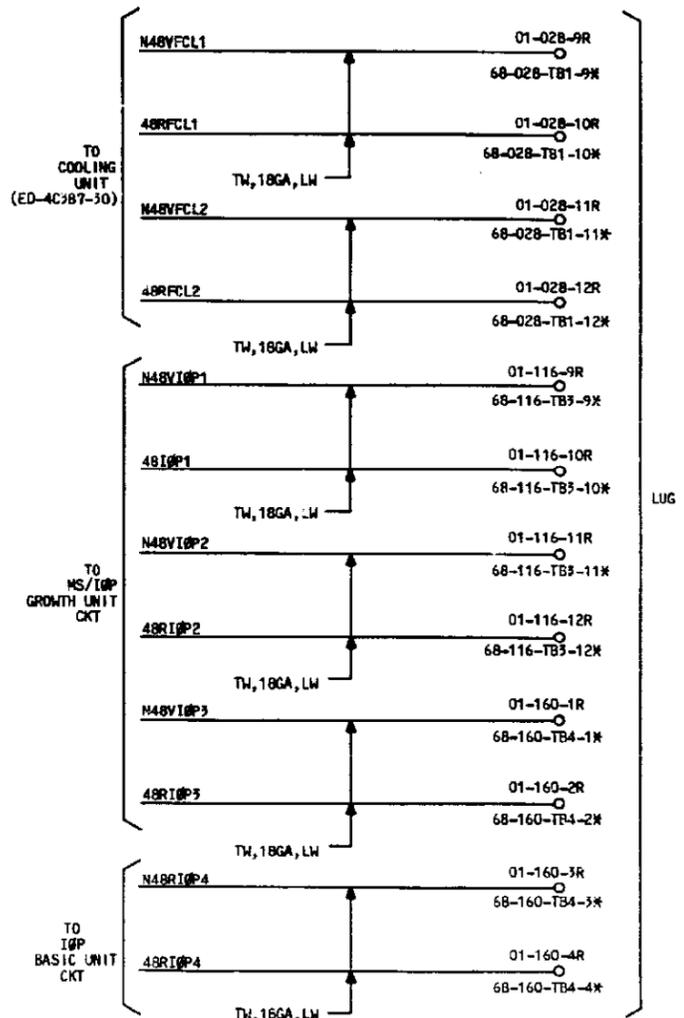
-48 VOLT POWER DISTRIBUTION FOR 3820D MODEL 3



304. (CONT)
THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 050 (CONT)



304. (CONT)
THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 050 (CONT)



* THIS DENOTES FRAME EQL

SEE PROPRIETARY NOTICE ON COVER SHEET

POWER DISTRIBUTION UNIT		OWN SIZE	ISSUE
		03	2B
AT&T BELL LABORATORIES	SD-4C102-01	SHEET D# 2	

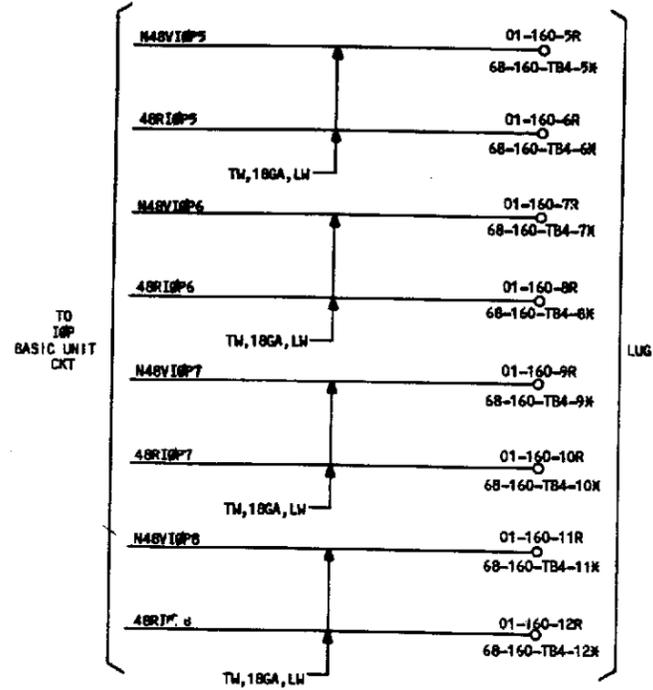
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INFORMATION NOTES (CONT):

304. GRAPHICAL CADS (CONT)

THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 050 (CONT)

-48 VOLT PWR DIST FOR 38200 MODEL 3



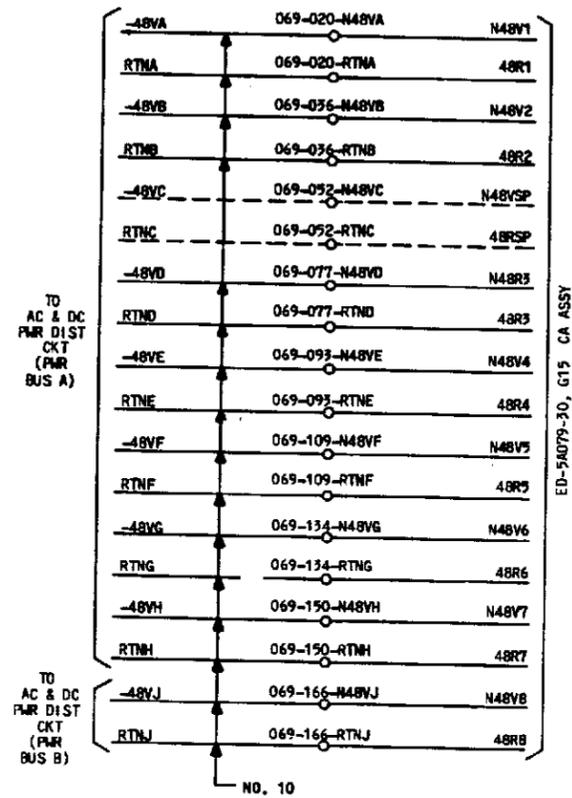
TO
18P
BASIC UNIT
CKT

LUG

304. (CONT)

THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 052

-48V CABINET PWR DIST FOR 38200 3 BAY 0



TO
AC & DC
PWR DIST
CKT
(PWR
BUS A)

TO
AC & DC
PWR DIST
CKT
(PWR
BUS B)

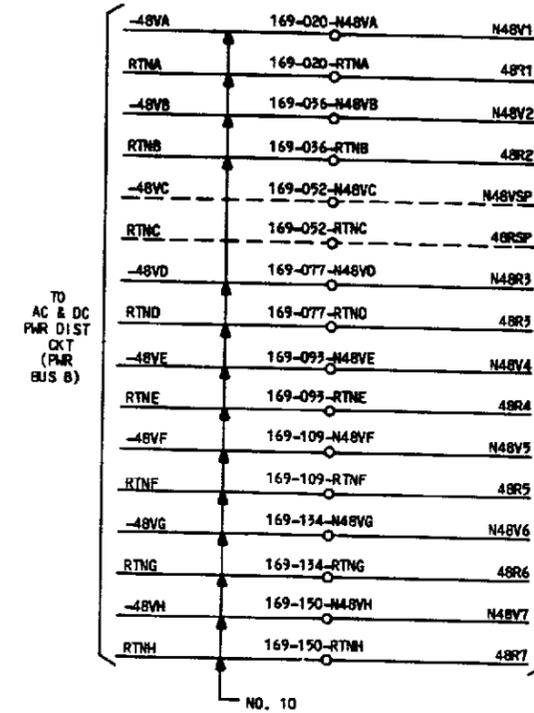
ED-5A079-30, G15 CA ASSY

NO. 10

304. (CONT)

THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 053

-48V CABINET PWR DIST FOR 38200 3 BAY 1



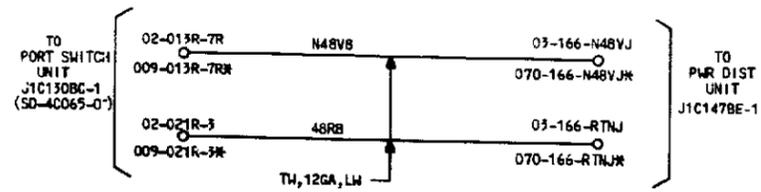
TO
AC & DC
PWR DIST
CKT
(PWR
BUS B)

ED-5A079-30, G15 CA ASSY

NO. 10

THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 051

-48 VOLT PWR DIST PORT SW UNIT 38200 MODEL 3



TO
PORT SWITCH
UNIT
J1C130BC-1
(SD-40065-01)

TO
PWR DIST
UNIT
J1C147BE-1

* THIS DENOTES FRAME EQL

SEE PROPRIETARY NOTICE ON COVER SHEET

POWER DISTRIBUTION UNIT		DWG SIZE	ISSUE
		03	2B
AT&T BELL LABORATORIES	SD-4C102-01	SHEET DWG 3	

NOTES:

1 LISTED BELOW ARE THE CORRESPONDING CABINET EQLS FOR 3B20 MODELS 2 AND 3

CAD	UNIT EQL	CABINET EQL
050	01-028	68-028
	01-072	68-072
	01-116	68-116
051	01-160	68-160
	02-013R	09-013R
	02-021R	09-021R
052	03-166	07-166
	03-020	069-020
	03-036	069-036
	03-052	069-052
	03-077	069-077
	03-093	069-093
	03-109	069-109
	03-134	069-134
	03-150	069-150
	03-166	069-166
053	03-020	169-020
	03-036	169-036
	03-052	169-052
	03-077	169-077
	03-093	169-093
	03-109	169-109
03-134	169-134	
03-150	169-150	

SEE PROPRIETARY NOTICE ON COVER SHEET

POWER DISTRIBUTION UNIT		DWG SIZE	ISSUE
		□	2B
AT&T BELL LABORATORIES	SD-4C102-01	GB1	

REPRODUCED BY U.S.A.

04/16/84

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER

A
FRAME 48 VOLT DISTRIBUTION

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
N48VCPU1	P	01-072-9R	01-072-9R	1/6	
N48VCPU2	P	01-072-11R	01-072-11R	1/6	
N48VCPU3	P	01-116-1R	02-086-10A	1/8	
N48VCPU4	P	01-116-3R	01-116-3R	1/9	
N48VCPU5	P	01-116-5R	01-116-5R	1/9	
N48VCPU6	P	01-116-7R	01-116-7R	1/9	
N48VDFC1	P	01-072-1R	02-049-6	1/5	
N48VDFC2	P	01-072-3R	02-049-5A	1/5	
N48VFAN1	P	01-028-1R	02-034-4A	1/2	
N48VFAN2	P	01-028-3R	02-034-3A	1/2	
N48VFAN3	P	01-028-5R	02-034-2	1/2	
N48VFAN4	P	01-028-7R	02-034-1A	1/2	
N48VFCL1	P	01-028-9R	01-028-9R	1/3	
N48VFCL2	P	01-028-11R	01-028-11F	1/3	
N48VOP1	P	01-116-9R	01-116-9R	1/9	
N48VOP2	P	01-116-11R	01-116-11R	1/9	
N48VOP3	P	01-160-1R	01-160-1R	1/16	
N48VOP4	P	01-160-3R	01-160-3R	1/16	
N48VOP5	P	01-160-5R	01-160-5R	1/16	
N48VOP6	P	01-160-7R	01-160-7R	1/16	
N48VOP7	P	01-160-9R	01-160-9R	1/16	
N48VOP8	P	01-160-11R	01-160-11R	1/16	
48RCPU1	G	01-072-10R	01-072-10R	1/6	
48RCPU2	G	01-072-12R	01-072-12R	1/6	
48RCPU3	G	01-116-2R	01-116-2R	1/9	
48RCPU4	G	01-116-4R	01-116-4R	1/9	
48RCPU5	G	01-116-6R	01-116-6R	1/9	
48RCPU6	G	01-116-8R	01-116-8R	1/9	
48RDFC1	G	01-072-2R	01-072-2R	1/6	
48RDFC2	G	01-072-4R	01-072-4R	1/6	
48RFAN1	G	01-028-2R	01-028-2R	1/3	
48RFAN2	G	01-028-4R	01-028-4R	1/3	
48RFAN3	G	01-028-6R	01-028-6R	1/3	
48RFAN4	G	01-028-8R	01-028-8R	1/3	
48RFCL1	G	01-028-10R	01-028-10R	1/3	
48RFCL2	G	01-028-12R	01-028-12R	1/3	
48RIOP1	G	01-116-10R	01-116-10R	1/9	
48RIOP2	G	01-116-12R	01-116-12R	1/9	
48RIOP3	G	01-160-2R	01-160-2R	1/16	
48RIOP4	G	01-160-4R	01-160-4R	1/16	
48RIOP5	G	01-160-6R	01-160-6R	1/16	
48RIOP6	G	01-160-8R	01-160-8R	1/16	
48RIOP7	G	01-160-10R	01-160-10R	1/16	
48RIOP8	G	01-160-12R	01-160-12R	1/16	

ELEMENT IDENTIFIER

B
FRAME 48 VOLT INPUT

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
N48VSP	P	03-052-N48VC	03-052-N48VC	1/13	
N48V1	P	03-020-N48VA	03-020-N48VA	1/1	
N48V2	P	03-036-N48VB	03-036-N48VB	1/4	
N48V3	P	03-077-N48VD	03-077-N48VD	1/7	
N48V4	P	03-093-N48VE	03-093-N48VE	1/10	
N48V5	P	03-109-N48VF	03-109-N48VF	1/11	
N48V6	P	03-134-N48VG	03-134-N48VG	1/15	
N48V7	P	03-150-N48VH	03-150-N48VH	1/18	
48RSP	P	03-052-RTNC	03-052-RTNC	1/13	
48R1	G	03-020-RTNA	03-020-RTNA	1/1	
48R2	G	03-036-RTNB	03-036-RTNB	1/4	
48R3	G	03-077-RTND	03-077-RTND	1/7	
48R4	G	03-093-RTNE	03-093-RTNE	1/10	
48R5	G	03-109-RTNF	03-109-RTNF	1/11	
48R6	G	03-134-RTNG	03-134-RTNG	1/15	
48R7	G	03-150-RTNH	03-150-RTNH	1/18	

POWER DISTRIBUTION UNIT		DWG SIZE	ISSUE
		CZ	1
BELL LABORATORIES	SD-4C102-01	GBZ	
		8	9

0 1 2 3 4 5 6 7 8 9

CAD 050

-48 VOLT POWER DISTRIBUTION FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....LUG									
TO COOLING UNIT (ED-4C387-30)	N48VFAM1	TM		1R	N48VFAM1				
	48RFAM1	TM		2R	48RFAM1				
	N48VFAM2	TM		3R	N48VFAM2				
	48RFAM2	TM		4R	48RFAM2				
	N48VFAM3	TM		5R	N48VFAM3				
	48RFAM3	TM		6R	48RFAM3				
	N48VFAM4	TM		7R	N48VFAM4				
	48RFAM4	TM		8R	48RFAM4				
	N48VFC1	TM		9R	N48VFC1				
	48RFCL1	TM		10R	48RFCL1				
	N48VFC2	TM		11R	N48VFC2				
	48RFCL2	TM		12R	48RFCL2				
.....LUG									
TO MS/IO & DFC UNIT CXT	N48VDFC1	TM		1R	N48VDFC1				
	48RDFC1	TM		2R	48RDFC1				
	N48VDFC2	TM		3R	N48VDFC2				
	48RDFC2	TM		4R	48RDFC2				
TO CPU CXT	N48VCPU1	TM		9R	N48VCPU1				
	48RCPU1	TM		10R	48RCPU1				
	N48VCPU2	TM		11R	N48VCPU2				
	48RCPU2	TM		12R	48RCPU2				
.....LUG									
TO CPU CXT	N48VCPU3	TM		1R	N48VCPU3				
	48RCPU3	TM		2R	48RCPU3				
TO MS/IO & DFC UNIT CXT	N48VCPU4	TM		3R	N48VCPU4				
	48RCPU4	TM		4R	48RCPU4				
TO MS/IO & GROWTH UNIT	N48VCPU5	TM		5R	N48VCPU5				
	48RCPU5	TM		6R	48RCPU5				
TO IOP BASIC UNIT CXT	N48VCPU6	TM		7R	N48VCPU6				
	48RCPU6	TM		8R	48RCPU6				
TO MS/IO & GROWTH UNIT CXT	N48VOP1	TM		9R	N48VOP1				
	48RIOP1	TM		10R	48RIOP1				
	N48VOP2	TM		11R	N48VOP2				
	48RIOP2	TM		12R	48RIOP2				
.....LUG									
TO MS/IO & GROWTH UNIT CXT	N48VOP3	TM		1R	N48VOP3				
	48RIOP3	TM		2R	48RIOP3				
TO IOP BASIC UNIT CXT	N48VOP4	TM		3R	N48VOP4				
	48RIOP4	TM		4R	48RIOP4				
	N48VOP5	TM		5R	N48VOP5				
	48RIOP5	TM		6R	48RIOP5				
	N48VOP6	TM		7R	N48VOP6				
	48RIOP6	TM		8R	48RIOP6				
	N48VOP7	TM		9R	N48VOP7				
	48RIOP7	TM		10R	48RIOP7				
	N48VOP8	TM		11R	N48VOP8				
	48RIOP8	TM		12R	48RIOP8				

CAD 051

-48 VOLT PWR DIST FOR PORT SW UNIT 38200 MODEL 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J									
ED-4C415-30, G10	48R8	TM		RTNJ	48R8				
TO PORT SW (SD-4C065-01)	-48VRTN	TM		RTNJ	48R8				
ED-4C415-30, G10	N48V8	TM		N48VJ	N48V8				
TO PORT SW (SD-4C065-01)	-48V	TM		N48VJ	N48V8				

CAD 052

-48V CABINET PWR. DIST. FOR 38200 MODEL 3 BAY 0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J									
TO PWR DIST CXT (PWR BUS A)	RTNA	NO.10		RTNA	48R1				
	-48VA	NO.10		N48VA	N48V1				
.....J									
TO PWR DIST CXT (PWR BUS A)	RTNB	NO.10		RTNB	48R2				
	-48VB	NO.10		N48VB	N48V2				
.....J									
TO PWR DIST CXT (PWR BUS A)	RTNC	NO.10		RTNC	48RSP				
	-48VC	NO.10		N48VC	N48VSP				
.....J									
TO PWR DIST CXT (PWR BUS A)	RTND	NO.10		RTND	48R3				
	-48VD	NO.10		N48VD	N48V3				
.....J									
TO PWR DIST CXT (PWR BUS A)	RTNE	NO.10		RTNE	48R4				
	-48VE	NO.10		N48VE	N48V4				
.....J									
TO PWR DIST CXT (PWR BUS A)	RTNF	NO.10		RTNF	48R5				
	-48VF	NO.10		N48VF	N48V5				
.....J									
TO PWR DIST CXT (PWR BUS A)	RTNG	NO.10		RTNG	48R6				
	-48VG	NO.10		N48VG	N48V6				
.....J									
TO PWR DIST CXT (PWR BUS A)	RTNH	NO.10		RTNH	48R7				
	-48VH	NO.10		N48VH	N48V7				
.....J									
TO PWR DIST CXT (PWR BUS B)	RTNJ	NO.10		RTNJ	48R8				
	-48VJ	NO.10		N48VJ	N48V8				

CAD 053

-48V CABINET PWR. DIST. FOR 38200 MODEL 3 BAY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J									
TO PWR DIST CXT (PWR SUB B)	RTNA	NO.10		RTNA	48R1				
	-48VA	NO.10		N48VA	N48V1				
.....J									
TO PWR DIST CXT (PWR SUB B)	RTNB	NO.10		RTNB	48R2				
	-48VB	NO.10		N48VB	N48V2				
.....J									
TO PWR DIST CXT (PWR SUB B)	RTNC	NO.10		RTNC	48RSP				
	-48VC	NO.10		N48VC	N48VSP				

CAD 053

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J									
TO PWR DIST CXT (PWR SUB B)	RTND	NO.10		RTND	48R3				
	-48VD	NO.10		N48VD	N48V3				
.....J									
TO PWR DIST CXT (PWR SUB B)	RTNE	NO.10		RTNE	48R4				
	-48VE	NO.10		N48VE	N48V4				
.....J									
TO PWR DIST CXT (PWR SUB B)	RTNF	NO.10		RTNF	48R5				
	-48VF	NO.10		N48VF	N48V5				
.....J									
TO PWR DIST CXT (PWR SUB B)	RTNG	NO.10		RTNG	48R6				
	-48VG	NO.10		N48VG	N48V6				
.....J									
TO PWR DIST CXT (PWR SUB B)	RTNH	NO.10		RTNH	48R7				
	-48VH	NO.10		N48VH	N48V7				

SEE PROPRIETARY NOTICE ON COVER SHEET

POWER DISTRIBUTION UNIT		DWG SIZE	ISSUE
		2	2B
AT&T BELL LABORATORIES	SD-4C102-01	GB3	
PRINTED IN U.S.A.		04/16/84	

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