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Y	STD 1	3C2	APP. FIG. 601, 604, 609
X	STD 1	3C2	APP. FIG. 604,606
W	STD 3	3C2	APP. FIG. 627
V	STD 0	3C2	APP. FIG. 12

DWG ISS	CP ISS	DATE ISSD	DRN	APP
1	1-0 - 1-15	5-22-84		
2B	1-15 - 2-0	9-28-84		
3B	2-0 - 2-15	3-15-85		
4B	2-15 - 2-30	3-15-85		
5B	2-30 - 2-45	3-15-85		
6B	2-45 - 2-60	3-15-85		
7B	2-60 - 2-75	3-15-85		
8B	2-75 - 2-90	3-15-85		
9B	2-90 - 2-105	3-15-85		
10B	2-105 - 2-120	6-14-86		
11B	2-120 - 2-135	10-25-85		
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14B	2-165 - 2-180	2-23-93		
15B	2-180 - 2-195	4-11-94		

SUPPORTING INFORMATION

SYSTEM USED ON	DESIGN CONTROL	CATEGORY	NO.
5ESS	IH	EQUIPMENT DRAWING (CABINET)	J1C184A-1 J1C185A-1 J1C186A-1 J1C187A-1
		EQUIPMENT DRAWING (SYSTEM)	J1C184A-1
		CIRCUIT PACK SCHEMATIC	CPS-*
		* SCHEMATICS OF ALL TN & UN CODED CIRCUITS PACKS ARE SHOWN ON DRAWINGS NUMBERED WITH A CPS-PREFIX FOLLOWED BY THE CODE OF THE PACK (EXAMPLE CPS-TN9)	

SHEET INDEX NOTES

1. ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX.
2. FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1.
3. THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.

FINISH

COMMON SYSTEMS
3820D MODEL 3 COMPUTER
COMPUTER SYSTEM
CIRCUIT

DWG SIZE	ISSUE
C2	15B

AT&T	SD-4C127-01	SHEET A1 87 SHEETS

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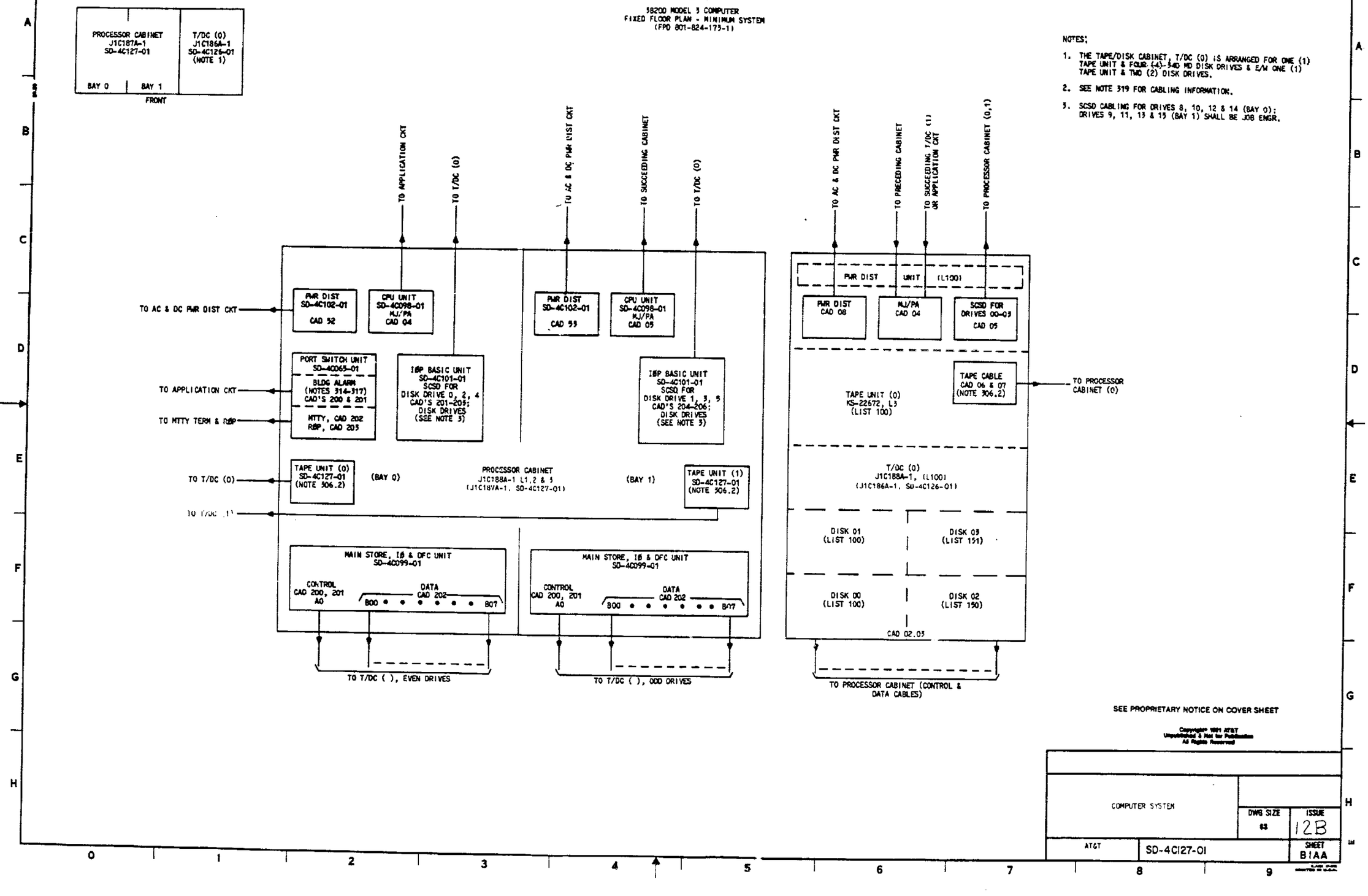
FS I

58200 MODEL 3 COMPUTER
FIXED FLOOR PLAN - MINIMUM SYSTEM
(FPD 801-824-173-1)



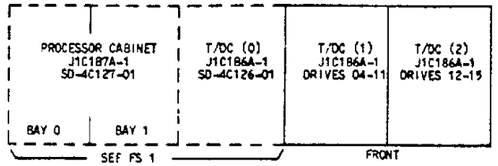
NOTES:

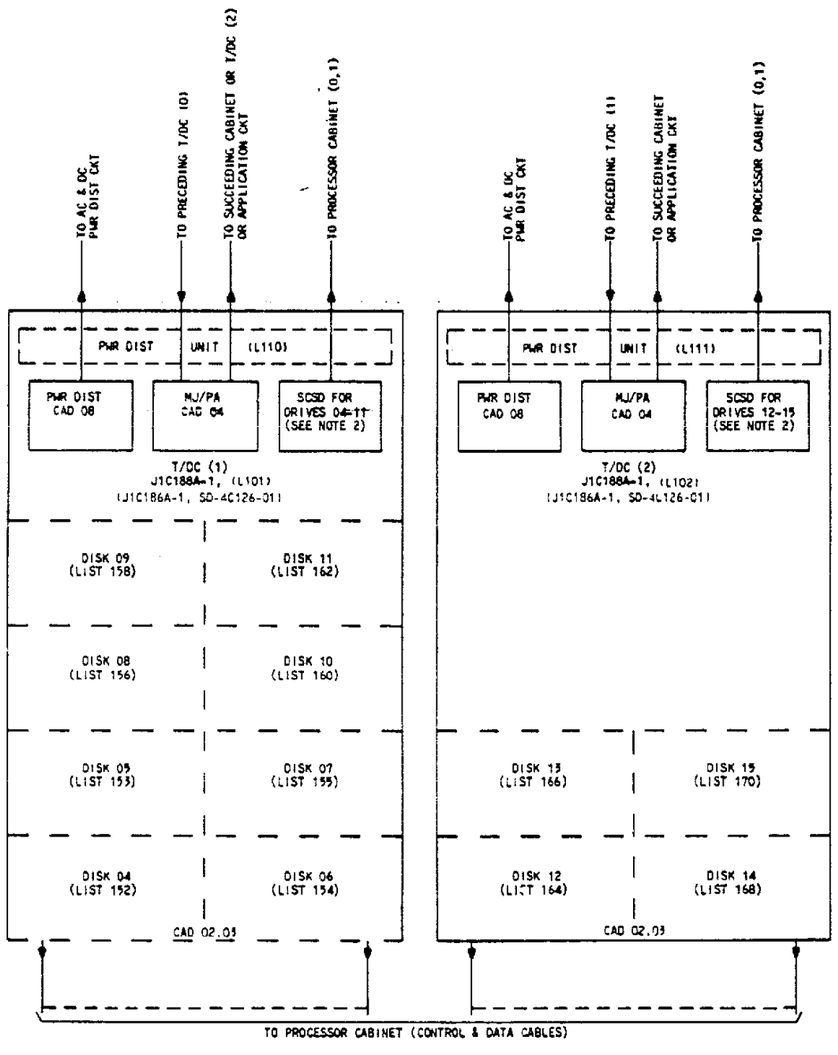
1. THE TAPE/DISK CABINET, T/DC (0) IS ARRANGED FOR ONE (1) TAPE UNIT & FOUR (4) 340 MB DISK DRIVES & E/W ONE (1) TAPE UNIT & TWO (2) DISK DRIVES.
2. SEE NOTE 319 FOR CABLING INFORMATION.
3. SCSD CABLING FOR DRIVES 8, 10, 12 & 14 (BAY 0); DRIVES 9, 11, 13 & 15 (BAY 1) SHALL BE JOB ENGR.

COMPUTER SYSTEM		DWG SIZE: B3	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: B1AA

FS 2

38200 MODEL 3 COMPUTER
FIXED FLOOR PLAN ARRANGED TO ADD DISK DRIVES 04-15
(FPD 801-824-175-1)





NOTES:

1. SEE NOTE 519 FOR CABLING INFORMATIONS.
2. SCSD CABLING FOR DRIVES 8, 10, 12 & 14 (BAY 0); DRIVES 9, 11, 13 & 15 (BAY 1) SHALL BE JOB ENGR.

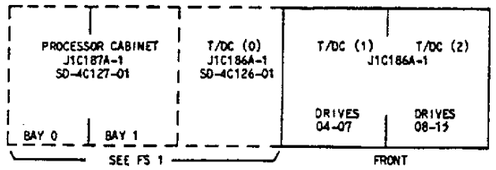
COMPUTER SYSTEM	DWG SIZE B3	ISSUE 12B
AT&T	SD-4C127-01	SHEET B2AA

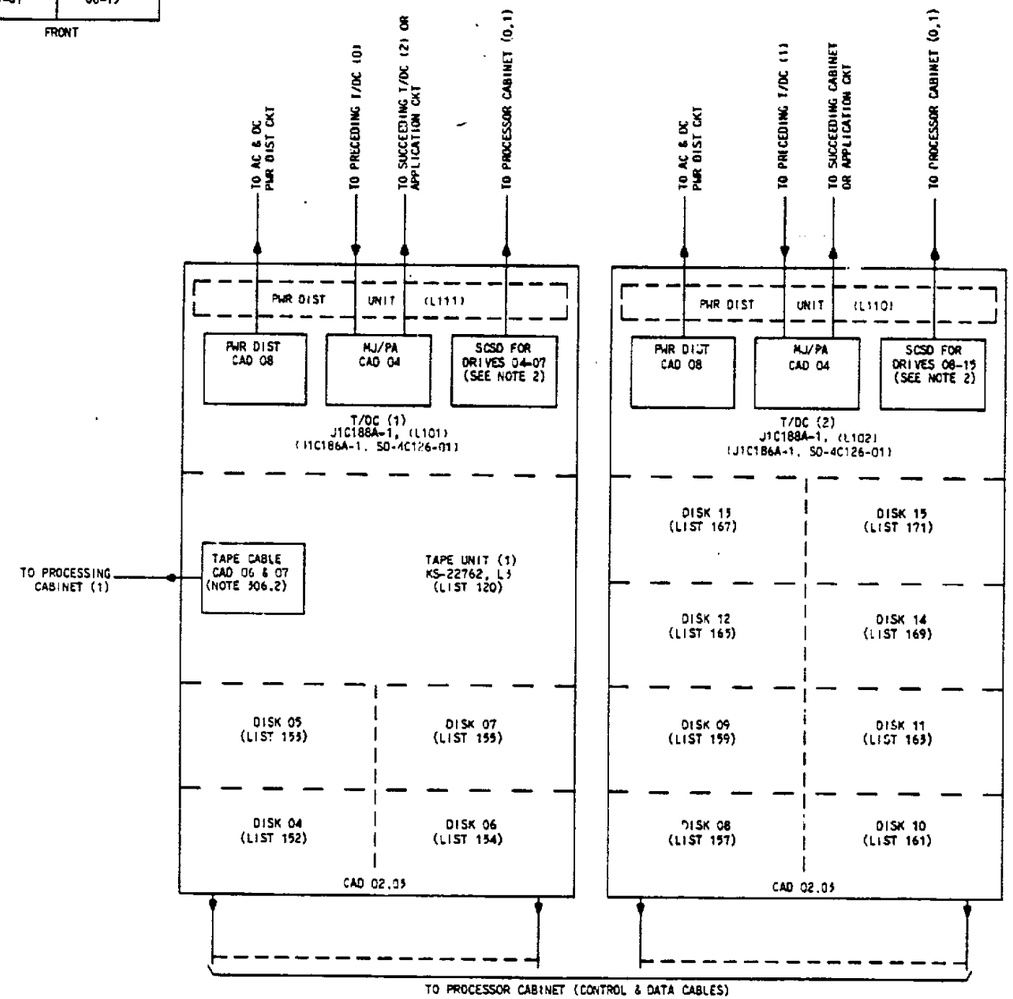
FS 3

5820D MODEL 3 COMPUTER
FIXED FLOOR PLAN - MINIMUM SYSTEM
WITH ADDITIONAL T/DC'S FOR
TAPE UNIT 1 & DISK DRIVES 04-15
(FPD 801-824-175-1)

NOTES:

1. SEE NOTE 319 FOR CABLING INFORMATION.
2. SCSD CABLING FOR DRIVES 8, 10, 12 & 14 (BAY 0); DRIVES 9, 11, 13 & 15 (BAY 1) SHALL BE JOB ENGR.

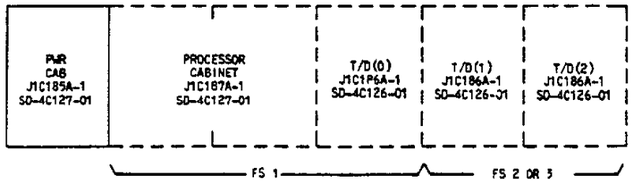


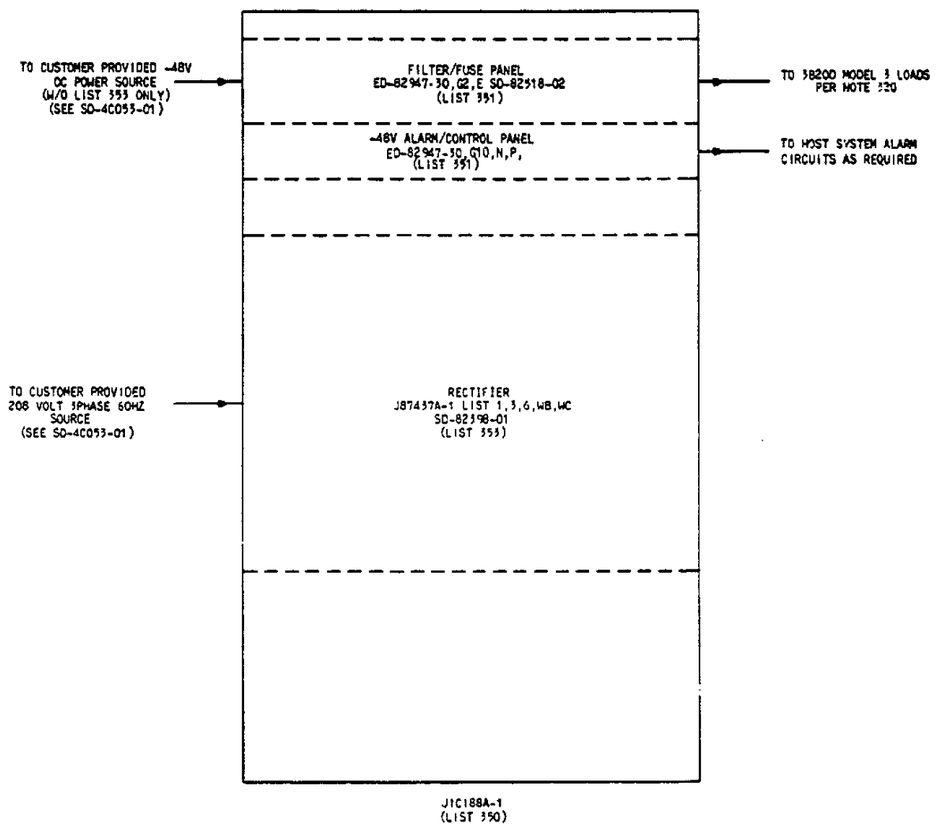


COMPUTER SYSTEM		DWG SIZE: E	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: B3AA

FS 4

5B20D MODEL 3 COMPUTER
FIXED FLOOR PLAN ARRANGED TO ADD
A POWER CABINET
AC OR DC SOURCED -48VOLT POWER DISTRIBUTION
(FPD 801-824-173-1)





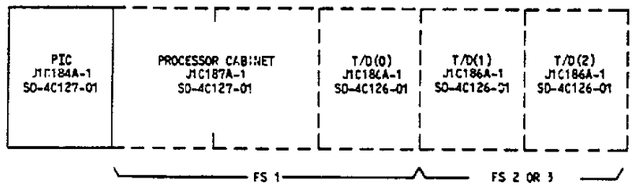
NOTES:

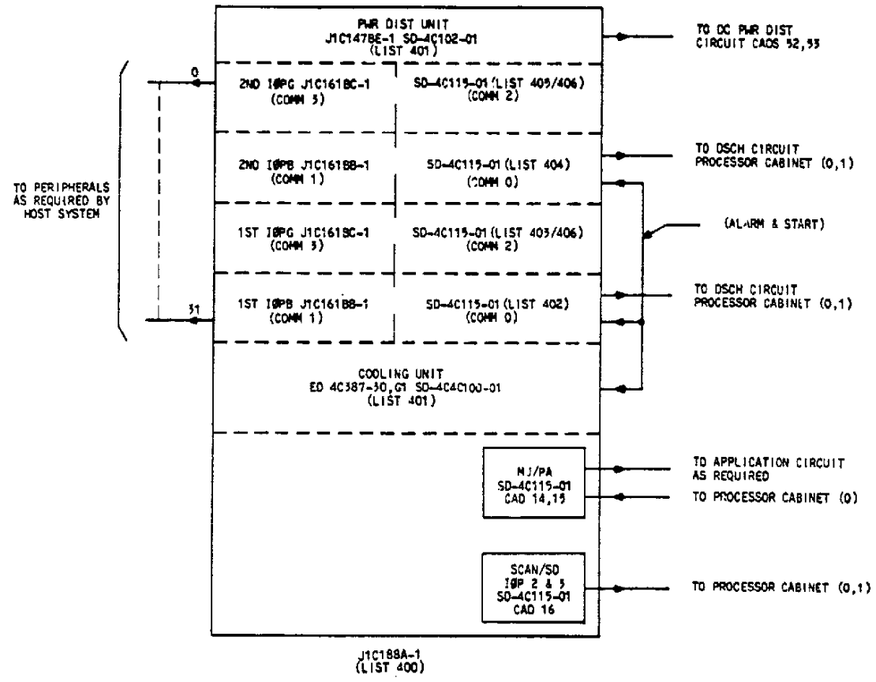
1. THE POWER CABINET IS DESIGNED TO FUSE AND DISTRIBUTE -48 VOLTS DC TO 5B20D MODEL 3 COMPUTER LOADS AS SHOWN FS 4 OR 6. THE -48 VOLTS DC IS PROVIDED BY ONE OF THE FOLLOWING:
   - A. CUSTOMER BATTERY PLANT (LIST 351 W/O LIST 353)
   - B. CUSTOMER INVERTER PLANT (LIST 351 W/O LIST 353)
   - C. CUSTOMER 208V 3PHASE AC 60HZ (LISTS 351 AND 353 REQUIRED).
2. SEE NOTE 320 FOR CABLING INFORMATION.

COMPUTER SYSTEM	DWG SIZE: 8S	ISSUE: 12B
AT&T	SD-4C127-01	SHEET: 84AA

FS 5

3B20D MODEL 3 COMPUTER
FIXED FLOOR PLAN ARRANGED TO ADD
A PERIPHERAL INTERFACE CABINET (PIC)
GROWTH I@P INTERCONNECTION & FLOW
(FPD-801-824-175-1)





NOTES:

1. THE PIC CABINET IS ARRANGED FOR TWO BASIC AND TWO GROWTH I@P UNITS WHICH PROVIDE 16 DUPLICATED OR 32 NON DUPLICATED PERIPHERAL CONTROLLER SLOTS FOR APPLICATION PER HOST SYSTEM REQUIREMENTS.
2. SEE NOTE 318 & 319 FOR CABLING REQUIREMENTS.
3. SC/SD CABLES FOR I@P 2 & 3 ARE JOB ENGINEERED, RECOMMENDED SCAN POINT ASSIGNMENTS ARE SHOWN

SEE PROPRIETARY NOTICE ON COVER SHEET

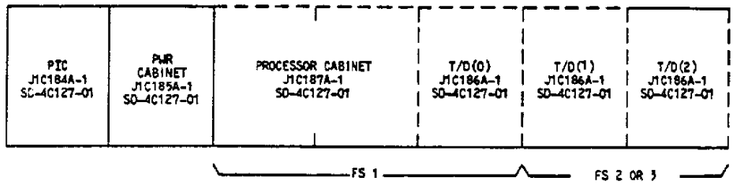
COMPUTER SYSTEM	DWG SIZE: B	ISSUE: 12B
AT&T	SD-4C127-01	SHEET: 85AA

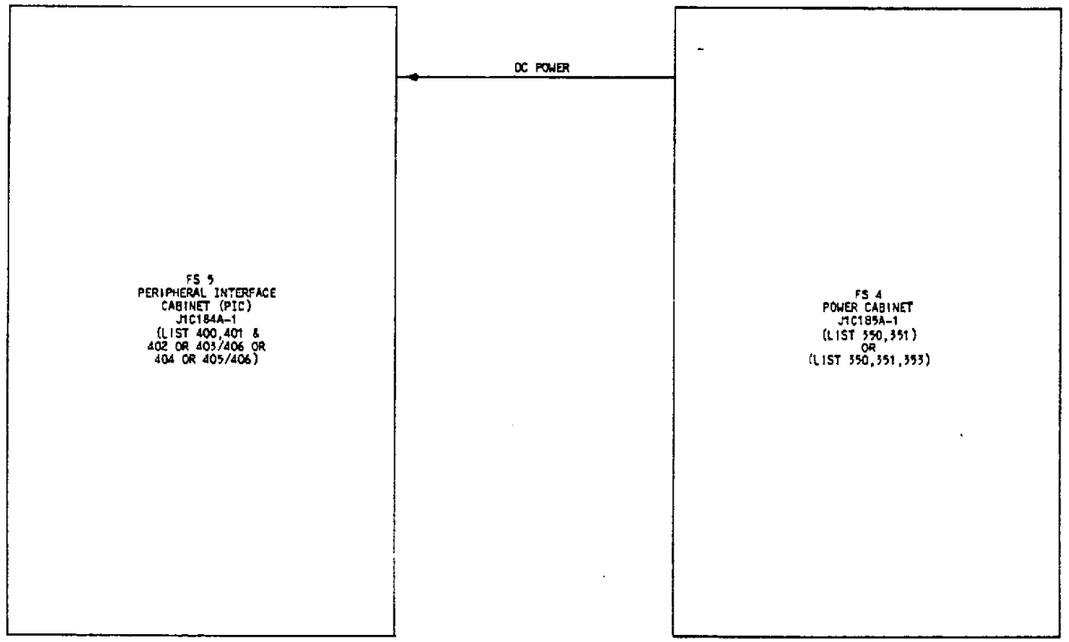
FS 6

3B20D MODEL 5 COMPUTER
FIXED FLOOR PLAN ARRANGED TO ADD
PERIPHERAL INYERFACE CABINET (PIC)
AND POWER CABINET

NOTES:

1. SEE NOTE 320 FOR CABLING INFORMATION.





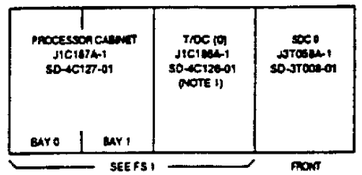
COMPUTER SYSTEM		DWG SIZE: B8	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: B6AA

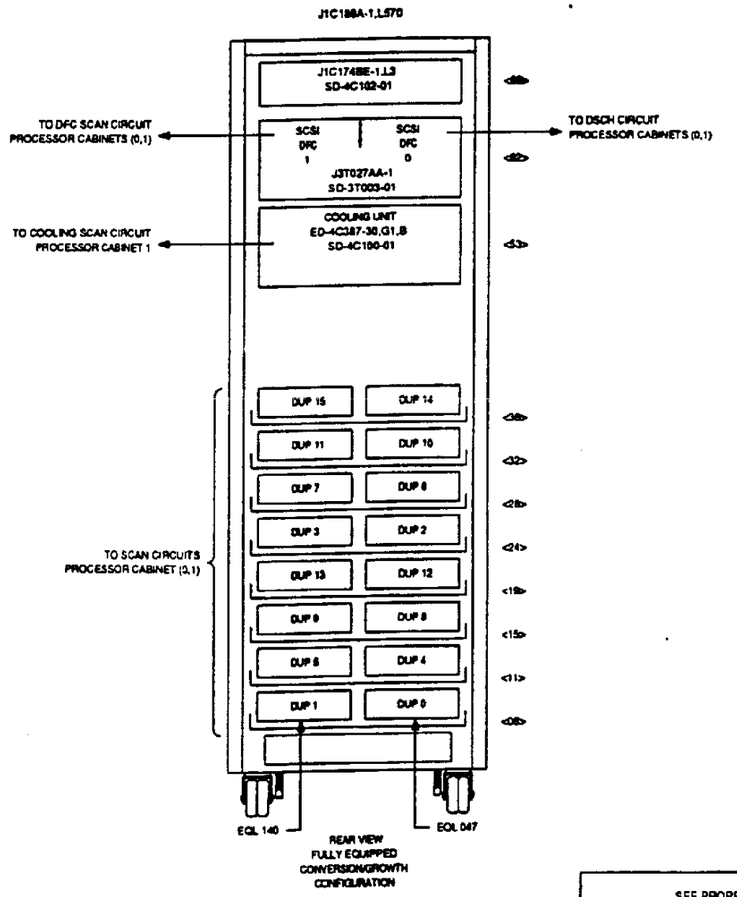
FS 7

38280 MODEL 3 COMPUTER
FIXED FLOOR PLAN ARRANGED
TO ADD A SCSI DISK CABINET

NOTES:

1. THE SCSI DISK CABINET IS SHOWN FULLY LOADED WITH 16 DUPS. THE REQUIREMENT IS THAT DUPS SHALL BE ORDERED IN PAIRS AND LOCATED AS SHOWN.
2. SEE NOTES 318, 319 AND 336 FOR CABLING INFORMATION.





COMPUTER SYSTEM	DWG SIZE	ISSUE
	C2	15B
AT&T	SD-4C127-01	SHEET 87AA

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FEATURE OR OPTION	APP FIG	QTY	UNIT EQPT DATA	CABINET EQPT DATA	SYSTEM EQPT DATA
PROCESSOR CONTROL CABINET (BAY 0 & 1), EACH BAY ARRANGED FOR 8 Mb OF 1 Mb (TN28) MAIN STORE MEMORY (MSM) OR 16 Mb (TN56) MSM; 16K EPROM (TN19) WRITABLE MICRO CONTROL STORE (WMCS); 4K PROM MICROCODE (UN288), 4K WRITABLE MICROCODE (UN488); MAINTENANCE CHANNEL (MCH), UTILITY CIRCUIT (UC), CACHE MEMORY (CACHE), DISK FILE CONTROLLER (DFC), DIRECT MEMORY ACCESS 0 & 1 (DMA0, DMA1), 2 1B CHANNELS; 1B PROCESSOR (1BP) ARRANGED FOR 2 COMMUNITIES (COMM 0 & 1) EACH COMM ARRANGED FOR 4 PC; EACH BAY E/W 1ST 1Mb (TN28), 4K PROM MICROCODE (UN288), 4K WRITABLE MICROCODE (UN288), MCH, DFC, DMA0 E/W DSCH11 & WIRED FOR CH 12; 1BP (COMM 0 & 1) E/W PC00 (MTTY) & PC02 (SCSO)	1	2	J1C1478A-1,L1,L2	J1C187A-1,L1,L4	J1C188A-1,L1
		2	J1C1478B-1,L1,L2		
		2	J1C1478D-1,L1		
		2	J1C1478E-1,L2		
		2	ED-4C387-30,G1		
		2	UN308 CP		
		1	UN52		
MAIN STORE & 1BP GROWTH UNIT WITH POWER & CABLES FOR EXTENDED MEMORY (17-32 MB)	2 610 -		J1C1478C-1, L1 495FA @ 042/142-178 ED-4C404-10, G4	J1C187A-1,L2 J1C187A-1,L110 J1C187A-1,LA	J1C188A-1,L2 J1C188A-1,L610 J1C188A-1,LA
PORT SWITCH UNIT (BAY 0) ARRANGED FOR 2 PORT SW COMM (0 & 1) & E/W COMM 0 (2-TF4 CP)	3	1	J1C1308C-1,L1 & L3 ED-4C222-30,G10 & G11	J1C187A-1,L3	J1C188A-1,L3
MICROCODE UNIX RTR RELEASE 1	4		J1C1478A-1, L2	J1C187A-1,L4	J1C188A-1,L4
STORE ADDRESS TRANSLATOR (UN45C) PLUS WIRE (UNIX RTR RELEASE 1)	5	2	J1C1478A-1, L5 J1C1478A-1, L9	J1C187A-1,L5	J1C188A-1,L5
1SI 2 MB MAIN STORE MEMORY (TN56 @ 051/151-162)	6	2	J1C1478B-1,L6	J1C187A-1,L6	J1C188A-1,L6
MTTY CONTROLLER WITH EAI PAGE ENHANCEMENTS MC4C132A-1 (TN983) (UNIX RTR RELEASE 1)	7	2	J1C1478D-1,L2	J1C187A-1,L7	J1C188A-1,L7
FOR EXTENDED MAIN MEMORY (UNIX RTR RELEASE 1)	8	2	J1C1478A-1,L4 J1C1478B-1,L4	J1C187A-1,L8	J1C188A-1,L8
IMPROVED REAL TIME CLOCK APX-10	9	1	J1C1478A-1,L5 (UN246)	J1C187A-1,L9	J1C188A-1,L9
CU 0 PATCH PANEL ASSY	10	1		J1C187A-1,L10	J1C188A-1,L10
UNIX COMPATIBILITY & PERFORMANCE IMPROVEMENTS. REQUIRES UNIX RTR RELEASE 2 SOFTWARE.	11	2	J1C1478A-1,L7	J1C187A-1,L11	J1C188A-1,L11
COPROCESSING (SEE NOTE 302,328)	12	2	J1C1478A-1,L8	J1C187A-1,L12	J1C188A-1,L12
3B NET FOR DMAC 1 WITH NICP IN CH 17 (UNIX RTR RELEASE 2 REQUIRED)	13	2	J1C1478C-1,L2,3	J1C187A-1,L13	J1C188A-1,L13
3B NET FOR DMAC 0 WITH NICP IN CH 12 (UNIX RTR RELEASE 2 REQUIRED) (SEE NOTE 332)	14	2 2	J1C1478B-1,L7 J1C1478C-1,L3	J1C187A-1,L14	J1C188A-1,L14
1ST TAPE/DISK CABINET ARRANGED FOR ONE (1) TAPE UNIT, FOUR (4) 340 Mb DISK DRIVES & PWR DIST UNIT — CABINET ASSY		1	ED-4C270-71,G4	J1C186A-1,L1	J1C188A-1,L100
PWR DIST UNIT		1	J1C186AB-1,L2	J1C186A-1,L5A	J1C188A-1,L100
TAPE TRANSPORT		1	KS-22762,L3	J1C186A-1,L4	J1C188A-1,L100
340 Mb DISK DRIVE (KS-22875, L11) NO: 00		1	J1C186AA-1,L1	J1C186A-1,L2	J1C188A-1,L100
01		1	J1C186AA-1,L1	J1C186A-1,L2A	J1C188A-1,L100
02	150	1	J1C186AA-1,L2	J1C186A-1,L3	J1C188A-1,L150
03	151	1	J1C186AA-1,L2	J1C186A-1,L3A	J1C188A-1,L151

FEATURE OR OPTION		APP FIG	QTY	UNIT EQPT DATA	CABINET EQPT DATA	SYSTEM EQPT DATA
1ST GROWTH TAPE/DISK CABINET ARRANGED FOR EIGHT (8) 340 Mb DISK DRIVES & PWR DIST UNIT — CABINET ASSY		101	1	ED-4C270-71,G4	J1C186A-1,L1	J1C188A-1,L101
PWR DIST UNIT		110	1	J1C186AB-1,L1	J1C186A-1,L5	J1C188A-1,L110
340 Mb DISK DRIVE (KS-22875, L11) NO: 04		152	1	J1C186AA-1,L1	J1C186A-1,L2	J1C188A-1,L152
05		153	1	J1C186AA-1,L1	J1C186A-1,L2A	J1C188A-1,L153
06		154	1	J1C186AA-1,L2	J1C186A-1,L3	J1C188A-1,L154
07		155	1	J1C186AA-1,L2	J1C186A-1,L3A	J1C188A-1,L155
08		156	1	J1C186AA-1,L1	J1C186A-1,L2B	J1C188A-1,L156
09		158	1	J1C186AA-1,L1	J1C186A-1,L2C	J1C188A-1,L158
10		160	1	J1C186AA-1,L2	J1C186A-1,L3B	J1C188A-1,L160
11		162	1	J1C186AA-1,L2	J1C186A-1,L3C	J1C188A-1,L162
2ND GROWTH TAPE/DISK CABINET ARRANGED FOR FOUR (4) 340 Mb DISK DRIVES & PWR DIST UNIT — CABINET ASSY		102	1	ED-4C270-71,G4	J1C186A-1,L1	J1C188A-1,L102
PWR DIST UNIT		111	1	J1C186AB-1,L3	J1C186A-1,L5A	J1C188A-1,L111
340 Mb DISK DRIVES (KS-22875, L11) NO: 12		165	1	J1C186AA-1,L1	J1C186A-1,L2B	J1C188A-1,L165
13		167	1	J1C186AA-1,L1	J1C186A-1,L2C	J1C188A-1,L167
14		169	1	J1C186AA-1,L2	J1C186A-1,L3B	J1C188A-1,L169
15		171	1	J1C186AA-1,L2	J1C186A-1,L3C	J1C188A-1,L171
1ST GROWTH TAPE/DISK CABINET ARRANGED FOR 2ND TAPE UNIT, FOUR (4) 340 Mb DISK DRIVE & PWR DIST UNIT — CABINET ASSY		101	1	ED-4C270-71,G4	J1C186A-1,L1	J1C188A-1,L101
PWR DIST UNIT		111	1	J1C186AB-1,L3	J1C186A-1,L5A	J1C188A-1,L111
TAPE TRANSPORT		120	1	KS-22762,L1	J1C186A-1,L4	J1C188A-1,L120
340 Mb DISK DRIVE (KS-22875, L11) NO: 04		152	1	J1C186AA-1,L1	J1C186A-1,L2	J1C188A-1,L152
05		153	1	J1C186AA-1,L1	J1C186A-1,L2A	J1C188A-1,L153
06		154	1	J1C186AA-1,L2	J1C186A-1,L3	J1C188A-1,L154
07		155	1	J1C186AA-1,L2	J1C186A-1,L3A	J1C188A-1,L155
2ND GROWTH TAPE/DISK CABINET ARRANGED FOR EIGHT (8) 340 Mb DISK DRIVES & PWR DIST UNIT — CABINET ASSY		102	1	ED-4C270-71,G4	J1C186A-1,L1	J1C188A-1,L102
PWR DIST UNIT		110	1	J1C186AB-1,L1	J1C186A-1,L5	J1C188A-1,L110
340 Mb DISK DRIVE (KS-22875, L11) NO: 08		157	1	J1C186AA-1,L1	J1C186A-1,L2	J1C188A-1,L157
09		159	1	J1C186AA-1,L1	J1C186A-1,L2A	J1C188A-1,L159
10		161	1	J1C186AA-1,L2	J1C186A-1,L3	J1C188A-1,L161
11		163	1	J1C186AA-1,L2	J1C186A-1,L3A	J1C188A-1,L163
12		164	1	J1C186AA-1,L1	J1C186A-1,L2	J1C188A-1,L164
13		166	1	J1C186AA-1,L1	J1C186A-1,L2A	J1C188A-1,L166
14		168	1	J1C186AA-1,L2	J1C186A-1,L3	J1C188A-1,L168
15		170	1	J1C186AA-1,L2	J1C186A-1,L3A	J1C188A-1,L170

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COMPUTER SYSTEM

DWG SIZE: 8B

ISSUE: 12B

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APP. FIG. SUMMARY
3820D MODEL 3

FEATURE OR OPITION		APP FIG.	QTY	UNIT EQPT DATA	CABINET EQPT DATA	SYSTEM EQPT DATA
PERIPHERAL EQUIPMENT	MTCE TTY TERM (COLOR)	300	1	KS-22921,L2		J1C188A-1,L300
	READ ONLY PRINTER	301	1	#RG40P2F, TTY CORP OR EQUIV		J1C188A-1,L301
	PEDISTAL MOUNTS FOR L300 OR 301 WHEN REQ'D	302	1	J1C165B-1, FIG 9		J1C188A-1,L302
	600 LINE PER MINUTE BAND PRINTER	303	1	C22A2-A		J1C188A-1,L303
POWER CABINET ARRANGED FOR -48V PWR DIST	CABINET	350	1	ED-4C271-30,G4	J1C185A-1,L1	J1C188A-1,L350
	CONT & FILTER FUSE PAN	351	1	ED-82947-30,G1 & G2 ED-82947-30,G10,N,P	J1C185A-1,L2	J1C188A-1,L351
	BOTTOM PWR FEED	352			J1C185A-1,L4	J1C188A-1,L352
	AC SOURCED	353	2	ED-87437A-1,L1,3,8 ED-87437A-1,WB,WC	J1C185A-1,L3	J1C188A-1,L353
	DESIG CARDS	354	1		J1C185A-1,L8	J1C188A-1,L354
	SAFETY GRD	355	1		J1C185A-1,LC	J1C188A-1,L355
PERIPHERAL INTERFACE CABINET	CABINET	400	1	ED-4C270-71,G4	J1C184A-1,L1	J1C188A-1,L400
	COOLING/ PWR DIST	401	1	ED-4C387-30,G1 J1C1478E-1,L2	J1C184A-1,L2	J1C188A-1,L401
	I&P BASIC AT LEVEL 29	402	1	J1C16188-1,L1 J1C16188-1,LWB	J1C184A-1,L3	J1C188A-1,L402
	I&P GROWTH AT LEVEL 38	403	1	J1C1618C-1,L1	J1C184A-1,L4	J1C188A-1,L403
	I&P BASIC AT LEVEL 47	404	1	J1C16188-1,L1 J1C16188-1,LWB	J1C184A-1,L5	J1C188A-1,L404
	I&P GROWTH AT LEVEL 56	405	1	J1C1618C-1,L1	J1C184A-1,L6	J1C188A-1,L405
	PWR & CONN PANEL FOR I&P GROWTH	406	1 2 1 1 1	495FA TN9 ED-4C437-10,G8 ED-4C437-10,G9 ED-4C438-10,G7	J1C184A-1,L7	J1C188A-1,L406

FEATURE OR OPITION	APP FIG.	QTY	UNIT EQPT DATA	CABINET EQPT DATA	SYSTEM EQPT DATA
1Mb OF ADDITIONAL MAIN STORE MEMORY (MSM) (SEE NOTE 305)	600	2	TN26 CP	J1C187A-1,L100	J1C188A-1,L600
DMA1 (DMA CONTROLLER)	601	2	UN46 CP	J1C187A-1,L101	J1C188A-1,L601
CACHE MEMORY	602	4	UN10 CP	J1C187A-1,L102	J1C188A-1,L602
		2	UN11 CP	J1C187A-1,L102	J1C188A-1,L602
		2	UN308 CP (OMIT)	J1C187A-1,L102	J1C188A-1,L602
4K OF ADDITIONAL WRITABLE MICROSTORE	603	2	UN488 CP	J1C187A-1,L103	J1C188A-1,L603
I# DUAL SERIAL CHANNEL (DSCH) (SEE NOTE 307)	604	2	UN98 CP	J1C187A-1,L104	J1C188A-1,L604
UTILTY CIRCUIT (SEE NOTE 310)	605	2	UN218 CP	J1C187A-1,L105	J1C188A-1,L605
5 VOLT PWR FOR COMM 2 (PC SLOTS 20-29)	606	2	495FA CP	J1C187A-1,L106	J1C188A-1,L606
		2	TN9 CP		
5 VOLT PWR FOR COMM 3 (PC SLOTS 30-39)	607	2	TN9 CP	J1C187A-1,L107	J1C188A-1,L607
PORT SWITCH CIRCUIT PACKS IN COMM 1 (JOB ENGR)	608	2	TF4 CP	J1C187A-1,L108	J1C188A-1,L608
ADD'L 5 VOLT PWR FOR CP CTL STR UNIT (SEE NOTE 308 & 326)	609	2	495FA CP	J1C187A-1,L109	J1C188A-1,L609
SCANNER/SIGNAL DISTRIBUTOR CP	611	1	UN538 CP	J1C187A-1,L111	J1C188A-1,L611
HIGH SPEED TAPE PERIPHERAL CONTROLLER CP (SEE NOTE 306)	612	1	UN52 CP	J1C187A-1,L112	J1C188A-1,L612
NOT USED	613				
2 CHANNEL (2 PORTS PER CH) TTY ASYNCHROUS LINK PC (SEE NOTE 306)	614	1	MC4C011A1B (TN748) CP	J1C187A-1,L114	J1C188A-1,L614
2 CHANNEL SYNCHRONOUS LINK PC (SEE NOTE 306)	615	1	MC4C048A1B (TN75C) CP	J1C187A-1,L115	J1C188A-1,L615
SCANNER SIGNAL DISTRIBUTOR INTERFACE (PORT SW UNIT) (SEE NOTE 316, 317)	616	AS REQ'D	TF2 CP	J1C187A-1,L116	J1C188A-1,L616
8X.25 DIRECT USER INTERFACE DATA LINK CONTROLLER (SEE NOTE 306) (DUIC)	617	1	MC4C051A1 (TN82) CP	J1C187A-1,L117	J1C188A-1,L617
2Mb OF ADD'L MAIN STORE MEMORY (SEE NOTE 309)	618	2	(TN56 @ 042/142, 051/151 (4-12MB)	J1C187A-1,L118	J1C188A-1,L618
8X.25 HIGH SPEED (56K BPS) SYSCHRONOUS DATA LINK CONTROLLER (SEE NOTE 306) (HSDC)	619	1	MC4C051A1 (TN82) CP	J1C187A-1,L119	J1C188A-1,L619
CAPABILITY FOR EXPANDED MEMORY WHEN CACHE MEMORY (APP. FIG. 602) IS PROVIDED.	620	2	4-UN10C 2-UN11C OMIT 4 - UN10B OMIT 2 - UN11B	J1C187A-1,L120	J1C188A-1,L620

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COMPUTER SYSTEM

DWG SIZE: 8.5

ISSUE: 12B

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SHEET C2

APP. FIG. SUMMARY

3820D MODEL 3

FEATURE OR OPTION	APP FIG.	QTY	UNIT EQPT DATA	CABINET EQPT DATA	SYSTEM EQPT DATA
2 CH 2 PORT/CHANNEL ASYNCHRONOUS PC PATCH PANEL & CABLE	621	1	MC4C011A1B (TN74B)	J1C184A-1, L100	J1C188A-1, L621
2 CH SYSCHRONOUS PC PATCH PANEL & CABLE	622	1	MC4C048A1B (TN75C)	J1C184A-1, L101	J1C188A-1, L622
BX.25 HSDC PC PATCH PANEL & CABLE	623	1	MC4C052A1 (TN82)	J1C184A-1, L102	J1C188A-1, L623
8 CH 1 PORT/CHANNEL ASYNCHRONOUS PC PATCH PANEL & CABLE	624	1	TN4	J1C184A-1, L103	J1C188A-1, L624
8 CH 1 PORT/CHANNEL ASYNCHRONOUS PC PATCH PANEL & CABLE	625	1	TN4	J1C187A-1, L121	J1C188A-1, L625
BX.25 DUIC PC PATCH PANEL & CABLE	626	1	MC4C051A1 (TN82)	J1C184A-1, L104	J1C188A-1, L626
FLOATING POINT ACCELERATOR (UNIX RTR RELEASE 2)	627	1	UN140	J1C187A-1,L122	J1C188A-1, L627
BX.25 DIRECT USER INTERFACE DATA LINK CONTROLLER (DUIC) FOR APX-10 PROCESSOR CABINET APPLICATION (SEE NOTE 306)	628	1	MC4C051A1B (TN82) CP	J1C187A-1, L123	J1C188A-1, L628
BX.25 DIRECT USER INTERFACE DATA LINK CONTROLLER, CABLE & PATCH PANEL FOR APX-10 PERIPHERAL INTERFACE CABINET (IO GROWTH) APPLICATIONS (SEE NOTE 306)	629	1	MC4C051A1B (TN82) CP	J1C187A-1, L105	J1C188A-1, L629
			ED-4C352-30,G41		
			ED-4C490-35,G20B		
HIGH SPEED BYTE SYNCHRONOUS PC FOR REMOTE JOB ENTRY (UNIX RTE RELEASE 2)	630	1	MC4C057A1 (TN82) CP	J1C187A-1, L106	J1C188A-1, L630
			UN53 CP		
2 CHANNEL MEDIUM SPEED LINE PRINTER PERIPHERAL CONTROLLER, PATCH PANEL & CABLE (SEE NOTE 306) (UNIX RTR RELEASE 2)	631	1	TN85 CP	J1C187A-1, L124	J1C188A-1, L631
BX.25 HIGH SPEED (56 KBPS) DATA LINK CONTROLLER SEE NOTE (306)	632	1	MC4C052A1C (TN82B) CP	J1C187A-1, L126	J1C188A-1,L632
BX.25 HIGH SPEED (56 KBPS) DATA LINK CONTROLLER (SEE NOTE 306)	633	1	MC4C052A1D (TN82B) CP	J1C187A-1, L127	J1C188A-1,L633
BX.25 HIGH SPEED (56 KBPS) DATA LINK CONTROLLER, CABLE & PATCH PANEL (SEE NOTE 306)	634	1	MC4C052A1D (TN82B) CP	J1C184A-1, L106	J1C188A-1,L634
			ED-4C352-30,G41		
			ED-4C490-35,G20B		
1600 BPI HIGH SPEED TAPE FOR 2ND TAPE UNIT (SEE NOTE 306)	635	1	UN52B	J1C187A-1, L128	J1C188A-1,L635
2 CHANNEL SYNCHRONOUS LINK (NSI - APPLICATION ONLY) (SEE NOTE 306)	640	1	TN1839	J1C187A-1, L131	J1C188A-1,L640
WIRING STRAPS REQD FOR EXPANDED MAIN MEMORY		2	J1C147BA-1, LWB	J1C187A-1, LH	J1C188A-1, LE
			J1C147BB-1, LWE		

FEATURE OR OPTION		APP FIG.	QTY	UNIT EQPT DATA	CABINET EQPT DATA	SYSTEM EQPT DATA
(VLMM) VERY LARGE MAINSTORE MEMORY SEE NOTE 329	UN608 (MC3T001A1) UN609 (MC3T002A1)	500	2	J1C147BA-1,LN	J1C187A-1, L200	J1C188A-1, L500
	UN248			J1C147BA-1,LP		
	NON-INTERFERING WIRING <R1> SEE NOTE 330			J1C147BA-1,LWC J1C147BA-1,LWD J1C147BA-1,LWF J1C147BB-1,LWF		
	STORE CONTROL CABLE SEE NOTE 330			ED4C561-45,G16		
	NON-INTERFERING GROWTH <R1> SEE NOTE 330	501	2	J1C147BC-1,LWB	J1C187A-1, L201	J1C188A-1, L501
	UN618 SEE NOTE 331	502	2	J1C147BB-1,LP	J1C187A-1, L202	J1C188A-1, L502
	1ST TN2012 SEE NOTE 332	503	2	J1C147BB-1,LR	J1C187A-1, L203	J1C188A-1, L503
	4 MB (MAX. 7) MEMORY	504	AS REQ	TN2012	J1C187A-1, L204	J1C188A-1, L504
	4 MB (MAX. 8) MEMORY	505	AS REQ	TN2012	J1C187A-1, L205	J1C188A-1, L505
	ENLARGED CACHE MEMORY (SEE NOTE 334)	506	4	UN616	J1C187A-1, L206	J1C188A-1, L506
			2	UN617		
	UN611	507	2	J1C147BA-1, LT	J1C187A-1, L207	J1C188A-1, L507
	UN612		2	J1C147BA-1, LU		
	(UN281 (MC3T003A1)		2	J1C147BA-1, LV		
	INTERFERING WIRING <R6> (SEE NOTE 332)		2	J1C147BA-1, LWE		
			2	J1C147BA-1, LWH		
			2	OMIT J1C147BA-1, LWF		
	UTIL CP	508	2	UN615	J1C187A-1, L208	J1C188A-1, L508
VLMM SEE NOTE 333	DMAO UN46D	AU	2	J1C147BB-1,LM	J1C187A-1, LAL	J1C188A-1, LAU
	DMA1	AV	2	UN46D	J1C187A-1, LAM	J1C188A-1, LAV
	NON-INTERFERING WIRING <R1>	AW	2	J1C147BB-1,LWG	J1C187A-1, LAN	J1C188A-1, LAW
	NON-INTERFERING WIRING <R1>	AX	2	J1C147BC-1,LWC	J1C187A-1, LAP	J1C188A-1, LAX
	CABLE, MEMORY EXPAN.	AZ	2	ED4C561-45,G17	J1C187A-1, LAW	J1C188A-1, LAZ
	UN3C	BB	2	J1C147BA-1,LK	J1C187A-1, LAT	J1C188A-1, LBB
	UN133C-MAINSTORE UPDATE	BC	2	J1C147BA-1,LLM	J1C187A-1, LAU	J1C188A-1, LBC
	CABLE, MAINSTORE UPDATE	BE	2	ED4C273-10,G13	J1C187A-1, LAX	J1C188A-1, LBE
	SSR010 GROUND WIRE (NOTE 112, 114)	BM	2	J1C147BA-1,LWK	J1C187A-1, LBF	J1C188A-1, LBM

COMPUTER SYSTEM

DWG SIZE C2 | ISSUE 14B

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APP. FIG. SUMMARY

3820D MODEL 3

FEATURE OR OPTION		APP FIG.	QTY	UNIT EQPT DATA	CABINET EQPT DATA	SYSTEM EQPT DATA
SCSI DISK CABINET E/W PWR DIST UNIT, COOLING UNIT, SCSI GROWTH/CONV UNIT, AND MAXIMUM OF 16 DUP UNITS	CABINET ASSY	570	1	845584598	J3T058A-1,L1	J1C188A-1,L570 OR L578
	PWR DIST UNIT	570	1	J1C147B1-1,L3	J3T058A-1,L2 OR L15	J1C188A-1,L570 OR L578
	SCSI GROWTH/ CONV UNIT	570	1	J3T027AA-1,L1	J3T058A-1,L10	J1C188A-1,L570 OR L578
	COOLING UNIT	570	1	ED-4C367-30,G1	J3T058A-1,L10	J1C188A-1,L570 OR L578
	1ST PAIR DUPS DUP 0 & DUP 1 EQL 08-047 & 08-140 RESP., AND CABLES	570	2	J3T027AB-1,L1,2,A OR L3	J3T058A-1,L2	J1C188A-1,L570 OR L579
	2ND PAIR DUPS DUP 2 & DUP 3 EQL 24-047 & 24-140 RESP., AND CABLES	571	2	J3T027AB-1,L1,2,A OR L3	J3T058A-1,L3 OR L16	J1C188A-1,L571 OR L580
	3RD PAIR DUPS DUP 4 & DUP 5 EQL 11-047 & 11-140 RESP., AND CABLES	572	2	J3T027AB-1,L1,2,A OR L3	J3T058A-1,L4 OR L17	J1C188A-1,L572 OR L581
	4TH PAIR DUPS DUP 6 & DUP 7 EQL 28-047 & 28-140 RESP., AND CABLES	573	2	J3T027AB-1,L1,2,A OR L3	J3T058A-1,L5 OR L18	J1C188A-1,L573 OR L582
	5TH PAIR DUPS DUP 8 & DUP 9 EQL 15-047 & 15-140 RESP., AND CABLES	574	2	J3T027AB-1,L1,2,A OR L3	J3T058A-1,L6 OR L19	J1C188A-1,L574 OR L583
	6TH PAIR DUPS DUP 10 & DUP 11 EQL 32-047 & 32-140 RESP., AND CABLES	575	2	J3T027AB-1,L1,2,A OR L3	J3T058A-1,L7 OR L20	J1C188A-1,L575 OR L584
	7TH PAIR DUPS DUP 12 & DUP 13 EQL 19-047 & 19-140 RESP., AND CABLES	576	2	J3T027AB-1,L1,2,A OR L3	J3T058A-1,L8 OR L21	J1C188A-1,L576 OR L585
	8TH PAIR DUPS DUP 14 & DUP 15 EQL 36-047 & 36-140 RESP., AND CABLES	577	2	J3T027AB-1,L1,2,A OR L3	J3T058A-1,L9 OR L22	J1C188A-1,L577 OR L586

COMPUTER SYSTEM

DWG SIZE C2 | ISSUE 15B

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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL			VOLTAGE RANGE

102. THERE ARE TWO TYPES OF PERIPHERAL GROUNDING DESIGNS:

ISOLATED- WHERE THE PERIPHERAL CONTROLLER SEPERATES +5V LOGIC FROM EIA SIGNAL GROUND.

NON-ISOLATED- WHERE THE PERIPHERAL CONTROLLER CONNECTS +5V LOGIC GROUND TO EIA SIGNAL GROUND.

MIXING NON-ISOLATED AND ISOLATED PERIPHERAL CONTROLLERS IN THE SAME COMMUNITY SHOULD BE AVOIDED. IF THIS IS NOT POSSIBLE THE FOLLOWING GROUND SCHEMES SHOULD BE USED. PERIPHERAL DEVICES (TERMINALS, DATA SETS, PRINTERS ETC.) THAT ARE CABLED TO ISOLATED PERIPHERAL CONTROLLERS SHOULD NOT CONNECT AC GROUND TO EIA SIGNAL GROUND. THIS SCHEME INSURRES THAT NO AC FAULT CURRENTS CAN ENTER THE ESS GROUND.

THE 3B20D MODEL 3 PROCESSOR I&P BASIC UNIT AND THE I&P GROWTH UNIT ARE ARRANGED AND WIRED FOR TWO COMMUNITIES OF FOUR PERIPHERAL CONTROLLERS EACH. PC 00-03 & 10-13 ARE LOCATED IN THE I&P BASIC UNIT: PC 20-23 & 30-33 ARE LOCATED IN THE I&P GROWTH UNIT. THE PERIPHERAL CONTROLLER CIRCUIT PACKS ARE JOB ENGINEERED PER USER REQUIREMENTS EXCEPT PC 00 & 02. (SEE NOTE 306).

103. UN52 HIGH SPEED TAPE CONTROLLER CIRCUIT PACK CONTAINS CIRCUITRY FOR READING, WRITING AND CONTROLLING UP TO FOUR TAPE TRANSPORTS. THIS PACK CONNECTS TO A TAPE TRANSPORT BY A FLAT RIBBON CABLE DESIGN WITH 3 BACKPLANE CONNECTORS ACCORDING TO TABLE BELOW. SIGNAL TYPE IS TTL, WITH A MAXIMUM CABLE LENGTH OF 20 FEET. THIS IS AN ISOLATED PC.

	5	4	3	2	1	0	
56							56
55			GNL	GNLG	CER	CERG	55
54	GØ.	GØG	RWD	RWDG	HER	HERG	54
53	REW	REWG	FPT	FPTG	FMK	FMKG	53
52			LPW	LPWG	FEN	FENG	52
51			EØT	EØTG	DBY	DBYG	51
50	ERASE	ERASEG	REPØ	REPØG	SPD	SPDG	50
49	LØØP	LØØPG	WST	WSTG	IDEN	IDENG	49
48	WFM	WFMG	RST	RSTG	RDY	RDYG	48
47	WRT	WRTG	FAD	FADG	SPDEN	SPDENG	47
46	REV	REVG	TAD1	TAD1G	ØFL	ØFLG	46
45							45
44							44
43			R0	R0G	W0	W0G	43
42			R1	R1G	W1	W1G	42
41					W2	W2G	41
40					W3	W3G	40
39	R2	R2G	R4	R4G	W4	W4G	39
38	R3	R3G	R5	R5G	W5	W5G	38
37	FBY	FBYG	R6	R6G	W6	W6G	37
36	TAD0	TAD0G	R7	R7G	W7	W7G	36
35	LØL	LØLG	RP	RPG	WP	WPG	35
34	SENSE	SENSEG			LWD	LWDG	34
33							33
32							32
	5	4	3	2	1	0	

104. SEE NOTE 319 FOR TYPICAL CABLING INFORMATION.

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COMPUTER SYSTEM	DWG SIZE: A3	ISSUE: 12B
AT&T SD-4C127-01		SHEET: 01

CIRCUIT NOTES: (CONT)

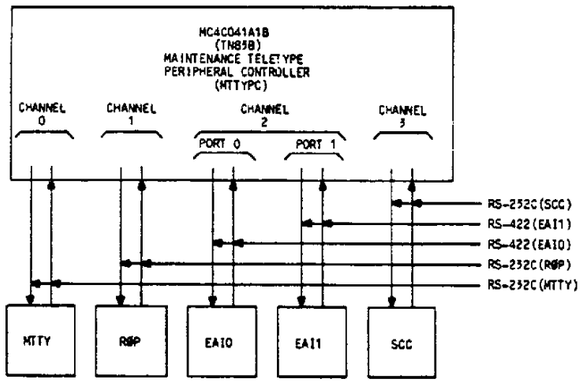
104. MC4C041A81(TN83B) MAINTENANCE TTY PERIPHERAL CONTROLLER CIRCUIT PACK

THIS PACK INTERFACES THE MAINTENANCE TERMINAL TO THE 3B IOP AND IS ALWAYS REQUIRED IN PC 00 FOR 3B DUPLEX APPLICATIONS. THIS CIRCUIT CAN ACCOMODATE ONE TTY VIDEO TERMINAL, ONE TTY PRINTER AND CONNECT TO THE SCC VIA A DATA SET. IT ALSO PROVIDES ACCESS, VIA THE EAI (TN10), TO CC0 AND CC1 AND CONNECTED TO THE POWER CONVERTER PACK (TN9) IN THE IOP. TERMINAL INTERFACES CONFORM TO STANDARD RS-232C CONNECTION TO A PERIPHERAL DEVICE FROM THE TN83B EITHER DIRECTLY OR VIA THE PORT SWITCH UNIT. THIS IS AN ISOLATED PC.

CONNECTION TO A PERIPHERAL DEVICE IS LIMITED TO:

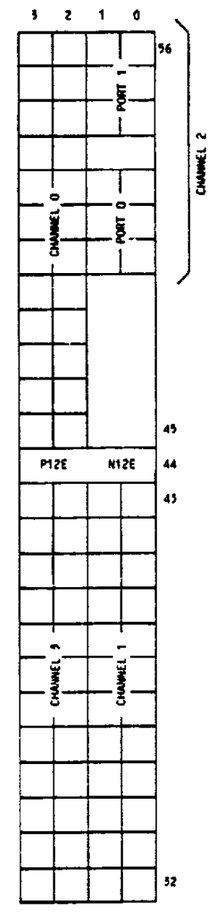
PERIPHERAL DEVICE	CABLE LENGTH RESTRICTIONS
VT100	120 FEET VIA PORT SWITCH
R9P	
SCC	50 FEET
VT100	250 FEET
R9P	

SEE NOTE 519 FOR CABLING INFO



104. (CONT)
MC4C041A1B (TN83B) CONNECTIONS, CHANNEL/PORT ASSIGNMENTS:
(CAD'S CAN BE FOUND IN SD-4C119-01 PROC CONT CABINET)

	3	2	1	0	
56			EAI0RXD0	EAI0PXD1	56
55	CRTDTR0		EAI0TXD0	EAI0TXD1	55
54		P12REFA	EAI0SPQ0	EAI0SPQ1	54
53	CRTTXD0		GRD	GRD	53
52	CRTDCD0	CRTRTS0	EAI1RXD0	EAI1RXD1	52
51	CRTDSR0		EAI1TXD0	EAI1TXD1	51
50	CRTRXD0		EAI1SPQ0	EAI1SPQ1	50
49	CRTCTS0		GRD	GRD	49
48			RETALM0	500HSCK0	48
47				TINC31	47
46			T0UTC41	TINC21	46
45	ER	ER	ER	ER	45
44	P12E	P12E	N12E	N12E	44
43		SCCTXC0			43
42	SCCDRT0		PRTDTR0		42
41		P12REFB		P12REFC	41
40	SCCTXD0	SCCRXC0	PRTTXD0		40
39	SCCDCD0	SCCRTS0	PRTDCD0	PRTRTS0	39
38	SCCDSR0		PRTDSR0		38
37	SCCRXD0		PRTRXD0		37
36	SCCCTS0		PRTCB0		36
35					35
34					34
33					33
32	ER	ER	ER	ER	32
	3	2	1	0	



COMPUTER SYSTEM		DWG SIZE: B3	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D2

CIRCUIT NOTES: (CONT)

105. UN338 SCANNER/SIGNAL DISTRIBUTOR CONTROLLER CIRCUIT PACK

CONSISTS OF CIRCUITRY FOR MONITORING 4A SCAN POINTS AND CONTROLLING 32 DISTRIBUTOR POINTS. CONNECTION TO OTHER CIRCUITS IS LIMITED TO 1000 FEET. CONNECTION FROM THE UN338 TO NON-3B SCSD POINTS SHOULD BE MADE THROUGH AN SCSD INTERFACE CIRCUIT PACK (TF2) IN THE PORT SWITCH UNIT. THIS IS AN ISOLATED PC. (SEE NOTES 514-516).

PC UN338 SCSD TERMINAL STRIP CABLING OPTIONS:

2 SD POINTS, 2 SCAN POINTS
USE 2X4 982AB

135,535,553,0(7)53
137,537,557,0(7)57
146,546,546,0(7)46
150,550,550,0(7)50

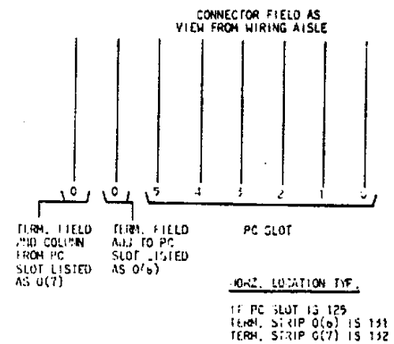
2 SD POINTS, 4 SCAN POINTS
USE 2X6 982AC

137,537,557,0(7)57
150,550,550,0(7)50

4 SCAN POINTS
USE 2X4 982AB

139,539,559,0(7)59
152,552,552,0(7)52

NUMBERING OF PC SLOTS



HORZ. LOCATION TYP.

IF PC SLOT IS 129
TERM. STRIP 0(6) IS 131
TERM. STRIP 0(7) IS 132

109. (CONT)
THE FOLLOWING SCSD POINTS ARE NOT FIXED FOR 3B20D MODEL 3 OPERATION - CODE UN338.

J1C187A-1 BAY 0
SCSD FIELD 0

	0	0	5	4	3	2	1	0	
56									56
55	SC47P	SC47N	SC43P	SC43N			SC35P	SC35N	55
54	SC46P	SC46N	SC42P	SC42N			SC34P	SC34N	54
53									53
52					SC14P	SC14N			52
51					SD15P	SD15N			51
50					SD14P	SD14N			50
49									49
48									48
47									47
46									46
45									45
44									44
43									43
42			SC41P	SC41N			SC33P	SC33N	42
41			SC40P	SC40N			SC32P	SC32N	41
40									40
39					SC10P	SC10N			39
38					SD11P	SD11N			38
37					SD10P	SD10N			37
36									36
35									35
34									34
33									33
32									32
	0(7)	0(6)	5	4	3	2	1	0	

FRAME EQL -033-086
TERM FIELD 0(6)-033-092
0(7)-033-093

J1C187A-1 BAY 1
SCSD FIELD 1

	0	0	5	4	3	2	1	0	
56									56
55	SC47P	SC47N	SC43P	SC43N	SC39P	SC39N	SC35P	SC35N	55
54	SC46P	SC46N	SC42P	SC42N	SC38P	SC38N	SC34P	SC34N	54
53							SC07P	SC07N	53
52							SC06P	SC06N	52
51							SD07P	SD07N	51
50							SD06P	SD06N	50
49									49
48									48
47									47
46									46
45									45
44									44
43									43
42			SC41P	SC41N	SC37P	SC37N	SC33P	SC33N	42
41			SC40P	SC40N	SC36P	SC36N	SC32P	SC32N	41
40									40
39									39
38									38
37									37
36									36
35									35
34									34
33									33
32									32
	0(7)	0(6)	5	4	3	2	1	0	

FRAME EQL 133-086
TERM FIELD 0(6)-133-092
0(7)-133-093

COMPUTER SYSTEM		DWG SIZE: E5	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D3

CIRCUIT NOTES: (CONT)

105. (CONT)

J1C187A-1 BAY 0
SCSD FIELD 2

	0	0	5	4	3	2	1	0	
56									56
55	SC47P	SC47N	SC43P	SC43N	SC39P	SC39N	SC35P	SC35N	55
54	SC46P	SC46N	SC42P	SC42N	SC38P	SC38N	SC34P	SC34N	54
53									53
52									52
51									51
50									50
49									49
48									48
47									47
46									46
45									45
44									44
43									43
42	SC45P	SC45N	SC41P	SC41N	SC37P	SC37N	SC33P	SC33N	42
41	SC44P	SC44N	SC40P	SC40N	SC36P	SC36N	SC32P	SC32N	41
40									40
39									39
38									38
37									37
36					SC09P	SC09N	SC01P	SC01N	36
35					SC08P	SC08N	SC00P	SC00N	35
34					SD09P	SD09N	SD01P	SD01N	34
33					SD08P	SD08N	SD00P	SD00N	33
32									32
	0(7)	0(6)	5	4	3	2	1	0	

FRAME EQL -033-094
TERM FIELD 0(6)-033-100
0(7)-033-101

J1C187A-1 BAY 1
SCSD FIELD 3

	0	0	5	4	3	2	1	0	
56									56
55	SC47P	SC47N	SC43P	SC43N	SC39P	SC39N	SC35P	SC35N	55
54	SC46P	SC46N	SC42P	SC42N	SC38P	SC38N	SC34P	SC34N	54
53									53
52									52
51									51
50									50
49									49
48									48
47									47
46									46
45									45
44									44
43									43
42	SC45P	SC45N	SC41P	SC41N	SC37P	SC37N	SC33P	SC33N	42
41	SC44P	SC44N	SC40P	SC40N	SC36P	SC36N	SC32P	SC32N	41
40									40
39									39
38									38
37									37
36					SC09P	SC09N	SC01P	SC01N	36
35					SC08P	SC08N	SC00P	SC00N	35
34					SD09P	SD09N	SD01P	SD01N	34
33					SD08P	SD08N	SD00P	SD00N	33
32									32
	0(7)	0(6)	5	4	3	2	1	0	

FRAME EQL -133-094
TERM FIELD 0(6)-133-100
0(7)-133-101

COMPUTER SYSTEM	DWG SIZE: B3	ISSUE: 12B
AT&T	SD-4C127-01	SHEET: D3A

CIRCUIT NOTES: (CONT)

106. MC4C011A1B (TN748) ASYNCHRONOUS PERIPHERAL CONTROLLER

PROVIDES ASYNCHRONOUS HALF, FULL DUPLEX. TWO CHANNELS, PORT 0 EACH, WITH ISOLATED RS-232C INTERFACE COVERS ALL PRIVATE LINE (FULL,HALF DUPLEX) AND FULL DUPLEX DCD LEADS.

ASCII IN/OUT BINARY IN/OUT STANDARD DATA RATES TO 9.6K TOTAL BIT RATE BOTH CHANNELS, BOTH DIRECTIONS NOT TO EXCEED 20K BPS (HALF, FULL DUPLEX); THIS IS AN ISOLATED PC.

PERIPHERAL DEVICE		MAX CA LENGTH
RS-232C INTERFACE	PORT 0 - VT100 (RC&V) PORT 1 - RBP	100 FEET
	PORT 0 - 202T OR 212A DS	50 FEET

SEE NOTE 319 FOR CABLING INFORMATION

106. (CONT)
MC4C011A1B (TN748) BACKPLANE CONNECTIONS FOR FULL DUPLEX DATA SETS ARE:

BACKPLANE								202T PRIVATE LINE OR 212A DDD	
CHANNEL 0				CHANNEL 1					
PORT 0		PORT 1		PORT 0		PORT 1		EIA-NOTES 1,2 & 5	
PIN	TERM MOD	PIN	TERM MOD	PIN	TERM MOD	PIN	TERM MOD	DESIG	PIN
355	DTR 00P0	155	DTR 01P0	342	DTR 10P0	142	DTR 11P0	CD	20
255	SCA 00P0	055	SCA 01P0	242	SCA 10P0	042	SCA 11P0		
254	EPULL 000	054	EPULL 010	241	EPULL 100	041	EPULL 110		
353	BA 00P1	153	BA 01P1	340	BA 10P1	140	BA 11P1	BA	2
352	CFR 00P0	152	CFR 01P0	339	CFR 10P0	139	CFR 11P0	CF	8
252	RTS 00P0	052	RTS 01P0	239	RTS 10P0	039	RTS 11P0		
351	CCR 00P1	151	CCR 01P1	338	CCR 10P1	138	CCR 11P1	CC	6
251	CER 00P0	051	CER 01P0	238	CER 10P0	038	CER 11P0		
350	BBRC 00P1	150	BBRC 01P1	337	BBRC 10P1	137	BBRC 11P1	BB	3
349	CBR 00P0	149	CBR 01P0	336	CBR 10P0	136	CBR 11P0		
348	SCFR 00P0	148	SCFR 01P0	335	SCFR 10P0	135	SCFR 11P0		
345	ER8	145	ER4	332	ER7	132	ER3	AB	7
245	ER6	045	ER2	232	ER5	032	ER1		

106. (CONT)
MC4C011A1B (TN748) BACKPLANE CONNECTIONS FOR A MODEL 1203 CDI ARE:

BACKPLANE								COMPUTER DEVICES INC. MODEL 1203	
CHANNEL 0				CHANNEL 1					
PORT 0		PORT 1		PORT 0		PORT 1		EIA-NOTES 1,3	
PIN	TERM MOD	PIN	TERM MOD	PIN	TERM MOD	PIN	TERM MOD	DESIG	PIN
355	DTR 00P0	155	DTR 01P0	342	DTR 10P0	142	DTR 11P0		
255	SCA 00P0	055	SCA 01P0	242	SCA 10P0	042	SCA 11P0		
254	EPULL 000	054	EPULL 010	241	EPULL 100	041	EPULL 110		
353	BA 00P1	153	BA 01P1	340	BA 10P1	140	BA 11P1	BA	2
352	CFR 00P0	152	CFR 01P0	339	CFR 10P0	139	CFR 11P0		
252	RTS 00P0	052	RTS 01P0	239	RTS 10P0	039	RTS 11P0		
351	CCR 00P1	151	CCR 01P1	338	CCR 10P1	138	CCR 11P1	CC	6
251	CER 00P0	051	CER 01P0	238	CER 10P0	038	CER 11P0		
350	BBRC 00P1	150	BBRC 01P1	337	BBRC 10P1	137	BBRC 11P1	BB	3
349	CBR 00P0	149	CBR 01P0	336	CBR 10P0	136	CBR 11P0		
348	SCFR 00P0	148	SCFR 01P0	335	SCFR 10P0	135	SCFR 11P0		
345	ER8	145	ER4	332	ER7	132	ER3	AB	7
245	ER6	045	ER2	232	ER5	032	ER1		

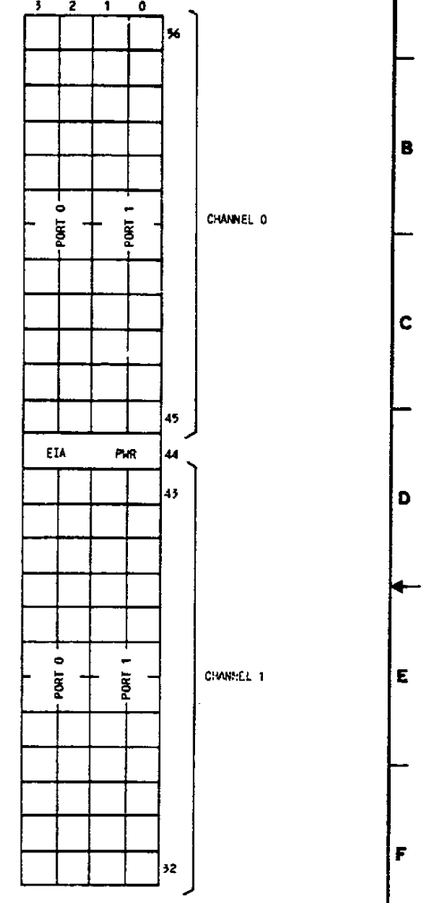
MC4C011A1B (TN748) BACKPLANE CONNECTIONS FOR A MODEL 40/2 TTY ARE:

BACKPLANE								MODEL 40/2 TELETYPE	
CHANNEL 0				CHANNEL 1					
PORT 0		PORT 1		PORT 0		PORT1		EIA-NOTES 1,2,3,4&6	
PIN	TERM MOD	PIN	TERM MOD	PIN	TERM MOD	PIN	TERM MOD	DESIG	PIN
355	DTR 00P0	155	DTR 01P0	342	DTR 10P0	142	DTR 11P0	CC	6
255	SCA 00P0	055	SCA 01P0	242	SCA 10P0	042	SCA 11P0		
254	EPULL 000	054	EPULL 010	241	EPULL 100	041	EPULL 110		
353	BA 00P1	153	BA 01P1	340	BA 10P1	140	BA 11P1	BA	3
352	CFR 00P0	152	CFR 01P0	339	CFR 10P0	139	CFR 11P0		
252	RTS 00P0	052	RTS 01P0	239	RTS 10P0	039	RTS 11P0		
351	CCR 00P1	151	CCR 01P1	338	CCR 10P1	138	CCR 11P1	CD	20
251	CER 00P0	051	CER 01P0	238	CER 10P0	038	CER 11P0		
350	BBRC 00P1	150	BBRC 01P1	337	BBRC 10P1	137	BBRC 11P1	BA	2
349	CBR 00P0	149	CBR 01P0	336	CBR 10P0	136	CBR 11P0		
348	SCFR 00P0	148	SCFR 01P0	335	SCFR 10P0	135	SCFR 11P0		
345	ER8	145	ER4	332	ER7	132	ER3	AB	7
245	ER6	045	ER2	232	ER5	032	ER1		

NOTES: (X= CHANNEL, Y= PORT)

1. STRAP RTSXYP0 TO CBRXYP0 ON BACKPLANE CONNECTOR.
2. STRAP CA (PIN 4) TO CB (PIN 5) OF EIA CONNECTOR.
3. STRAP CFRXYP0 TO CCRXYP1 ON BACKPLANE CONNECTOR.
4. STRAP CF (PIN 8) TO CC (PIN 6) OF EIA CONNECTOR.
5. PRIVATE LINE FAR END DATA SET MUST BE SWITCHED TO CONTINOUS CARRIER FOR DETECTION OF TERMINAL POWER OFF.
6. THESE CONNECTIONS ALSO APPLY FOR VT100, VT52, (DIGITAL EQUIPMENT CORP.) AND ADM-3A (LEAR-SIEGLER) TERMINALS. SEE TERMINAL SPECS. FOR TYPE OF TERMINAL CONNECTOR.

MC4C11A1B (TN748) BACKPLANE PORT CONNECTIONS ARE:



COMPUTER SYSTEM		DWG SIZE B8	ISSUE 12B
AT&T	SD-4C127-01		SHEET D4

CIRCUIT NOTES: (CONT)

106. (CONT)

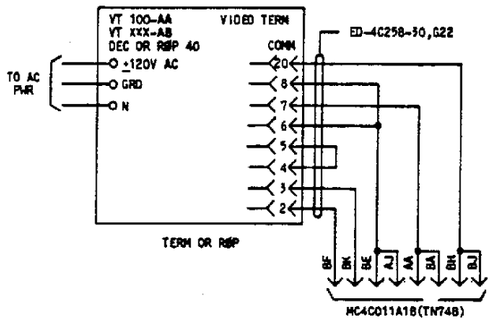
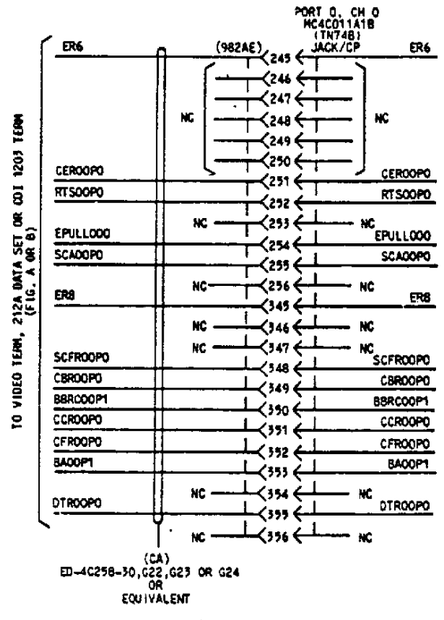
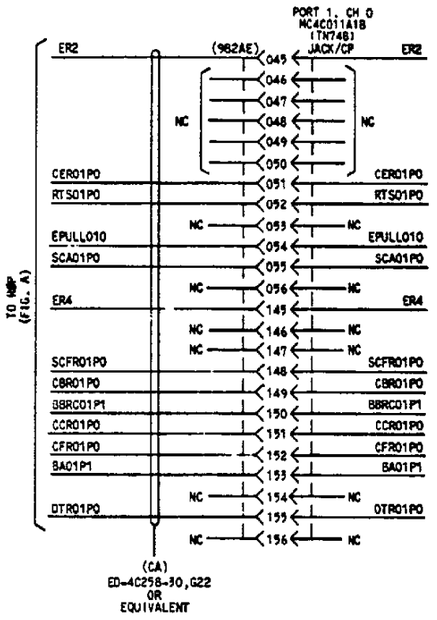


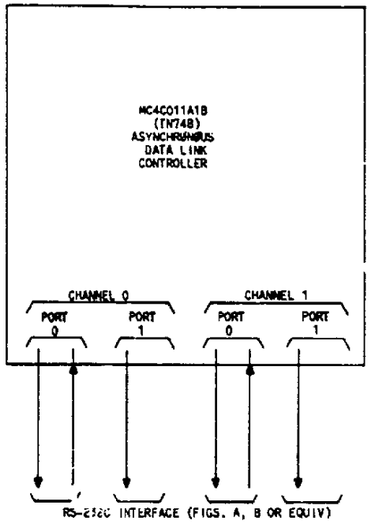
FIGURE A
(TYPICAL)

106. (CONT)

THE FOLLOWING SHOWS THE GRAPHICAL REPRESENTATION OF THE (ED-4C258-30,G OR EQUIVALENT) CONNECTION BETWEEN MC4C011A1B(TN74B) AND EIA RS-232C INTERFACE.







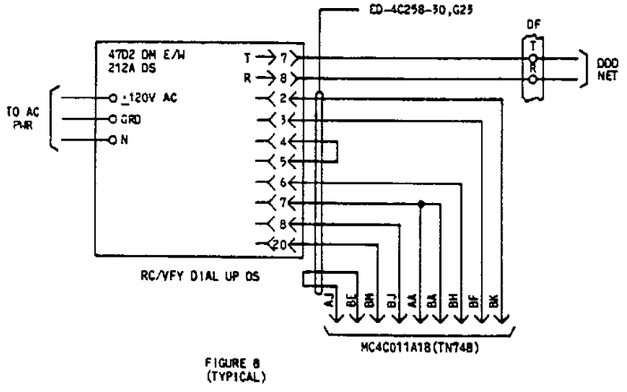
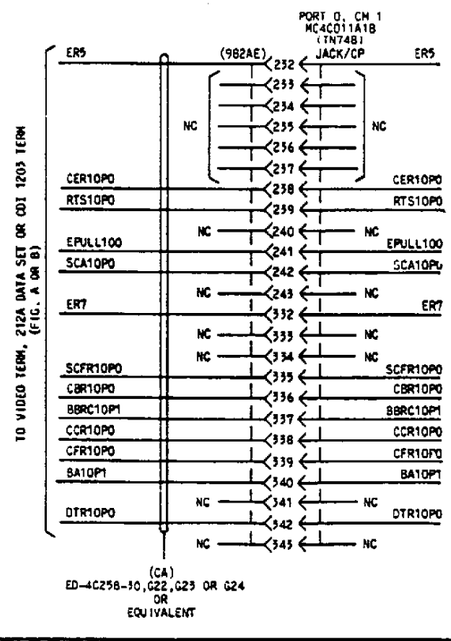
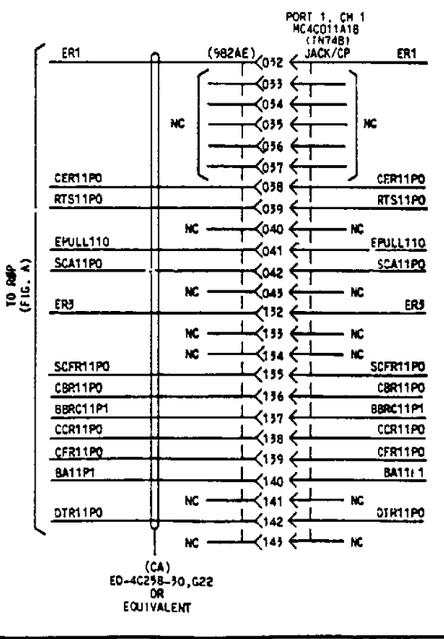


FIGURE B
(TYPICAL)





COMPUTER SYSTEM		DWG SIZE: 6S	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D5

CIRCUIT NOTES: (CONT)

107. MC4CU48A1B (TN75C/TN1839) SYNCHRONOUS DATA LINK PERIPHERAL CONTROLLER.

THIS CIRCUIT PACK RESIDES IN AN INPUT/OUTPUT PROCESSOR AND IS A BX.25, LEVEL 2, SYNCHRONOUS LINK PERIPHERAL CONTROLLER ARRANGED FOR FULL DUPLEX PRIVATE LINE DIAL BACKUP OPERATION. IT PROVIDES TWO INDEPENDENT CHANNELS.

CHANNEL 0 SUPPLIES AN AUTOMATIC CALL UNIT (ACU) PORT FOR DIAL BACKUP OPERATIONS. THIS ACU IS RS-366 COMPATIBLE. THIS CONFIGURATION IS SUPPORTED WHEN EQUIPPED WITH DATAPHONE II GENERATION DATA SETS.

MC4C048A1B (TN75C) CAPACITY IS 9600 BPS FULL DUPLEX. A TYPICAL CONFIGURATION WOULD BE ONE CHANNEL OPERATING AT 9600 BPS OR TWO CHANNELS OPERATING AT 4800 BPS.

EACH OF THE TWO BX.25, LEVEL CHANNELS HAS AN ASSOCIATED LEVEL 1 INTERFACE THAT IS RS-232C/RS-449 (BALANCED) COMPATIBLE. THIS IS A NON-ISOLATED PC.

THE TN1839 IS EQUIVALENT TO THE TN75C BUT IS ONLY USED IN NSI APPLICATIONS. IT HAS A FASTER SLEW RATE ON TIMING AND INTERCHANGE CIRCUITS TO MEET THE NET 2 INTERNATIONAL INTERFACE STANDARDS.

CONNECTION TO A PERIPHERAL DEVICE IS LIMITED TO:

PERIPHERAL DEVICE	CABLE LENGTH RESTRICTION	GRP. NO.
RS-232C	50 FEET	*G39
RS-449(BAL.)	200 FEET	*G40 OR G43
RS-336A(ACU)	50 FEET	*G47

* ED-4C258-30,G__ OR EQUIVALENT

MC4C048A1B (TN75C/TN1839) DATA RATES ARE:

SPEED BPS	1200	2400	4800	9600
PRIVATE LINE FDX DATA SET		201C	208A	209A
DIAL-UP FDX	212A			
DATAPHONE II TYPE DATA-SET		2024A	2028A	2096A

107. (CONT)

MC4C048A1B (TN75C/TN1839) BACKPLANE CONNECTIONS FOR A EIA RS-232C DATA SET (201C,208A, 209A,212A) ARE:

BACKPLANE CONNECTION PORT 0 PIN	TERM. MOD	NOTES	DATA SET EIA DESIG	EIA PIN
056	RRDSO		CF	8
055	CSOSO		CB	5
054	DMOSO		CC	6
053	RSOSO		CA	4
052	TROSO		CO	20
049	RTOSO		DO	17
048	STOSO		DB	15
047	RDOS1	NOTE A	BB	3
046	SDOS1	NOTE A	BA	2
045	GRD		AB	7
156	RROR1	NOTE B		
155	CSOR1	NOTE B		
154	DMOR1	NOTE B		
152		NOTE B		
151	GRD			
150	GRD	NOTE C		
147	RTOR1	NOTE B		
148	STOR1	NOTE B		
147	RDORO	NOTE B		
146	GRD	NOTE B		
145	GRD			

BACKPLANE CONNECTION PORT 1 PIN	TERM. MOD	NOTES	DATA SET EIA DESIG	EIA PIN
043	RR1SO		CF	8
042	CS1SO		CB	5
041	DM1SO		CC	6
040				
039				
038	RS1SO		CA	4
037	TR1SO		CD	20
036	RT1SO		DD	17
035	ST1SO		DB	15
034	RD1S1	NOTE A	BB	3
033	SD1S1	NOTE A	BA	2
032	GRD		AB	7
143	RR1R1	NOTE B		
142	CS1R1	NOTE B		
141	DM1R1	NOTE B		
140				
139				
138	GRD			
137	GRD			
136	RT1R1	NOTE B		
135	ST1R1	NOTE B		
134	RD1RO	NOTE B		
133	GRD	NOTE B		
132	GRD			

NOTES:

A. PAIRED WITH GROUND WIRE FROM TERMINAL 045.

B. STRAPPED TO GROUND ON BACKPLANE CONNECTOR PIN 146.

C. PIN 150 IS NOT USED FOR 208A-L1B DATA SET.

107. (CONT)

MC4C048A1B (TN75C/TN1839) BACKPLANE CONNECTIONS FOR A EIA RS-449 (BALANCED) DATA SET (2024,2048,2096) ARE:

BACKPLANE CONNECTION PORT 0, POS. 1 PIN	TERM. MOD	NOTES	DATA SET EIA DESIG	EIA PIN
056	RROSO		RR	13
055	CSOSO		CS	9
054	DMOSO		DM	11
053				
052	SBOSO		SB	36
051	RSOSO		RS	7
050	TROSO		TR	12
049	RTOSO		RT	8
048	STOSO		ST	5
047	RDOS1		RD	6
046				
045	GRD		SC	37
156	RROR1		-RR-	31
155	CSOR1		-CS-	27
154	DMOR1		-DM-	29
153				
152	RC		RC	20
151	GRD		-RS-	25
150	GRD		-TR-	30
149	RTOR1		-RT-	26
148	STOR1		-ST-	23
147	RDORO		-RD-	24
146				
145	GRD		SG	19

BACKPLANE CONNECTION PORT 0, POS. 2 PIN	TERM. MOD	NOTES	DATA SET EIA DESIG	EIA PIN
256				
255				
254				
253				
252				
251				
250	SSOSO		SS	32
249				
248				
247	ASDORO		-SD-	22
246	ASDOR1		SD	4
245				
356				
355				
354				
353				
352				
351				
350				
349				
348				
347				
346				
345				

107. (CONT)

BACKPLANE CONNECTION PORT 1, POS. 1 PIN	TERM. MOD	NOTES	DATA SET EIA DESIG	EIA PIN
043	RR1SO		RR	13
042	CS1SO		CS	9
041	DM1SO		DM	11
040				
039				
038	RS1SO		RS	7
037	TR1SO		TR	12
036	RT1SO		RT	8
035	ST1SO		ST	5
034	RD1S1		RD	6
033				
032	GRD		SC	37
143	RR1R1		-RR-	31
142	CS1R1		-CS-	27
141	DM1R1		-DM-	29
140				
139	RC		RC	20
138	GRD		-RS-	25
137	GRD		-TR-	30
136	RT1R1		-RT-	26
135	ST1R1		-ST-	23
134	RD1RO		-RD-	24
133				
132	GRD		SG	19

BACKPLANE CONNECTION PORT 1, POS. 2 PIN	TERM. MOD	NOTES	DATA SET EIA DESIG	EIA PIN
243				
242				
241				
240				
239				
238				
237				
236				
235				
234	ASD1RO		-SD-	22
233	ASD1S1		SD	4
232				
343				
342				
341				
340				
339				
338				
337				
336				
335				
334				
333				
332				

SEE PROPRIETARY NOTICE ON COVER SHEET

COMPUTER SYSTEM

DWG SIZE: 8S

ISSUE: 4B

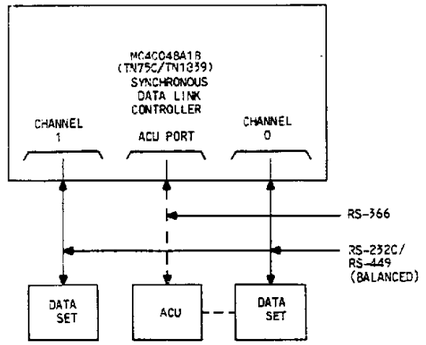
AT&T

SD-4C127-01

SHEET: D6

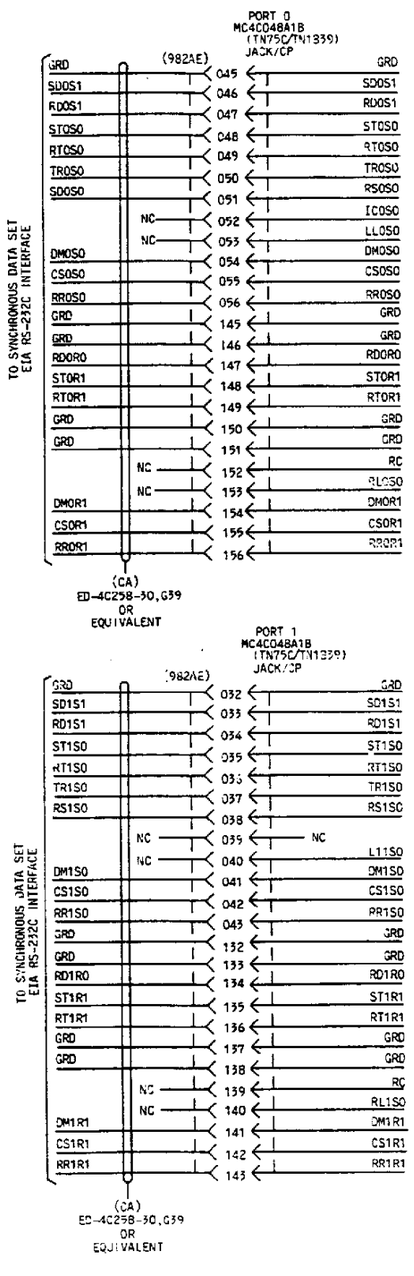
CIRCUIT NOTES: (CONT)

107. (CONT)



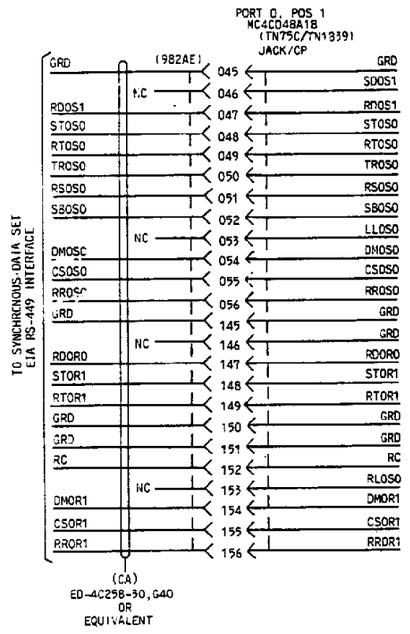
107. (CONT)

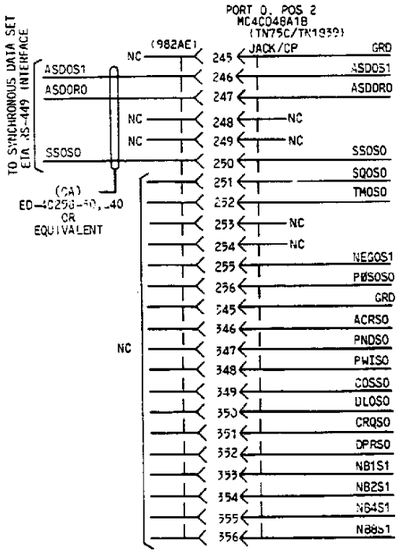
THE FOLLOWING SHOWS THE GRAPHICAL REPRESENTATION OF THE (ED-4C258-30,G39 OR EQUIVALENT) CONNECTION BETWEEN MC4C048A1B (TN75C/TN1339) AND EIA RS-232C INTERFACE.



107. (CONT)

THE FOLLOWING SHOWS THE GRAPHICAL REPRESENTATION OF THE (ED-4C258-30,G40 OR EQUIVALENT) CONNECTION BETWEEN MC4048A1B (TN75C/TN1839) PORT 0 OR PORT 1 AND EIA RS-449 (BALANCED) INTERFACE.





SEE PROPRIETARY NOTICE ON COVER SHEET

COMPUTER SYSTEM	DWG SIZE: BS	ISSUE: 1-2
AT&T	SD-4C127-01	SHEET: D7

CIRCUIT NOTES: (CONT)

108. MC4C051A1 (TN82) BX.25 DIRECT USER INTERFACE DATA LINK CONTROLLER (DUIC) PROVIDES ONE CHANNEL. ONE PORT OF EITHER AN RS-232C/RS-449 (UNBALANCED) INTERFACE OR A CCITT V.35 INTERFACE. THE RS-232C/RS-449 PORT CAN HANDLE DATA LINK SPEEDS UP TO 9.6K BPS. THE V.35 PORT HANDLES DATA LINK SPEEDS UP TO 56K BPS. CHOICE OF WHICH PORT TO BE SUPPORTED IS DETERMINED BY THE CUSTOMER IN THE EQUIPMENT CONFIGURATION DATA BASE.

THE MC4C051A1 (TN82) INTERFACES WITH THE 3B20D CENTRAL CONTROL (CC) VIA THE I&P AND SHARES A COMMON INTERFACE WITH OTHER PERIPHERAL CONTROLLERS LOCATED IN THE INPUT/OUTPUT PROCESSOR (I&P). IT PROVIDES ERROR MESSAGE REPORTING, SHOULD ANY ERROR OCCUR DURING NORMAL PROCESSING. THIS IS A NON-ISOLATED PC.

CONNECTION TO A PERIPHERAL DEVICE IS LIMITED TO:

PERIPHERAL DEVICE	CABLE LENGTH RESTRICTION	GRP NO.
RS-232C	50 FEET	#C41
RS-449 (UNBAL)	200 FEET	#C44
CCITT V.35	50 FEET	#C42

* ED-4C258-30,G__ OR EQUIVALENT

CONNECTOR MAP (TOP HALF) FOR TN82

	3	2	1	0	
56	BAD0191	BAD0181	RRR1	RRS0	56
55	BAD0171	BAD0161	CSR1	CSS0	55
54	BAD0151	BAD0141	DMR1	DMS0	54
53	BAD0131	BAD0121	GRD	PBS1	53
52	BAD0111	BAD0101	RC	RLS0	52
51	BAD0091	BAD0081	GRD	RSS0	51
50	BAD0071	BAD0061	GRD	TRS0	50
49	BAD0051	BAD0041	SCRB	SCRA	49
48	BAD0031	BAD0021	SCTB	SCTA	48
47	BAD0011	ASDR0	RDB	RDA	47
46	BAD0001	ASDS1	SDB	SDA	46
45	GRD	GRD	GRD	GRD	45
44	P12E	P12E	N12E	N12E	44
43	BDATA15	BDATA14	RRR1	RRRS0	43
42	BDATA13	BDATA12	CSR1	CSS0	42
41	BDATA11	BDATA10	DMR1	DMS0	41
40	BDATA09	BDATA08	GRD	PBS1	40
39	BDATA07	BDATA06	RC	LLS0	39
38	BDATA05	BDATA04	GRD	RSS0	38
37	BDATA03	BDATA02	GRD	TRS0	37
36	BDATA01	BDATA00	RTR1	RTS0	36
35	BDATAPH	BDATAPL	STR1	STS0	35
34	BRMD0	BAM&RD	RDR0	RDS1	34
33	BISTATE0	&FFBHE0	GRD	SDS1	33
32	GRD	GRD	GRD	GRD	32

NOTE: ALL UNUSED PINS RESERVED FOR LATER USE.

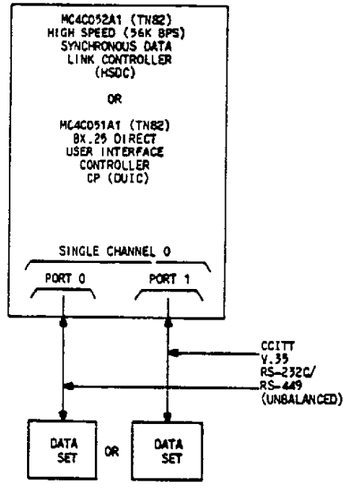
108. (CONT)

MC4C052A1 (TN82) BX.25 HIGH SPEED (56K BPS) SYNCHRONOUS DATA LINK CONTROLLER (HSDC). PROVIDES ONE CHANNEL, ONE PORT OF EITHER AN RS-232C/RS-449 (UNBALANCED) INTERFACE OR A CCITT V.35 INTERFACE. THE RS-232C/RS-449 PORT CAN HANDLE DATA LINK SPEED UP TO 9.6K BPS. THE V.35 PORT HANDLES DATA LINK SPEEDS UP TO 56K BPS. CHOICE OF WHICH PORT TO BE SUPPORTED IS DETERMINED BY THE CUSTOMER IN THE EQUIPMENT CONFIGURATION DATA BASE.

THE MC4C052A1 (TN82) INTERFACES WITH THE 3B20D CENTRAL CONTROL (CC) VIA THE I&P AND SHARES A COMMON INTERFACE WITH OTHER PERIPHERAL CONTROLLERS LOCATED IN THE INPUT/OUTPUT PROCESSOR (I&P). IT PROVIDES ERROR MESSAGE REPORTING, SHOULD ANY ERROR OCCUR DURING NORMAL PROCESSING. THIS IS A NON-ISOLATED PC.

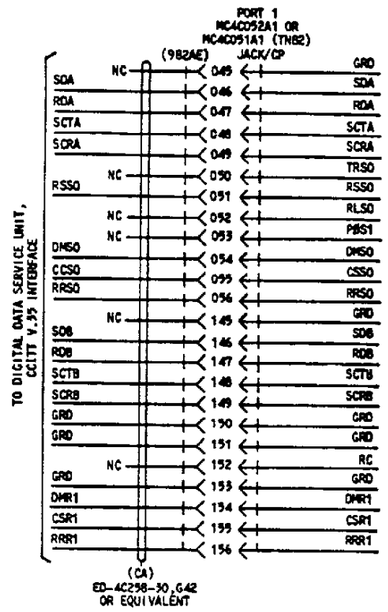
MC4C052A1 OR MC4C051A1 (TN82) DATA RATES ARE:

SPEED BPS			2400	4800	9600	56K
PRIVATE LINE FDX DATA SET (RS-232C)			201C	208A	209A	
DATA PHONE II TYPE DATA SET (RS-449)			2024A	2048A	2096A	
DIGITAL DATA SERVICE UNIT (V.35)						5008 OR EQUIV L1/5

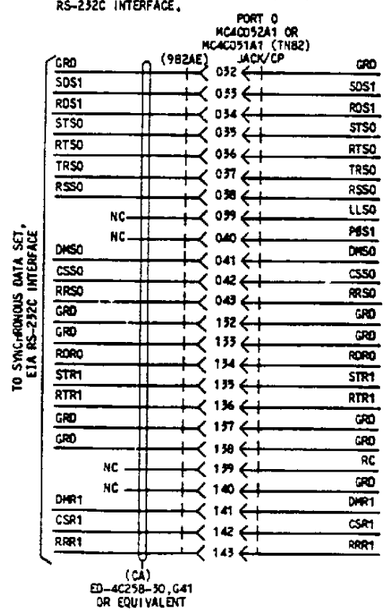


108. (CONT)

THE FOLLOWING SHOWS THE GRAPHICAL REPRESENTATION OF THE (ED-4C258-30,G42 OR EQUIVALENT) CONNECTION BETWEEN MC4C052A1 OR MC4C051A1 (TN82) AND CCITT V.35 INTERFACE.

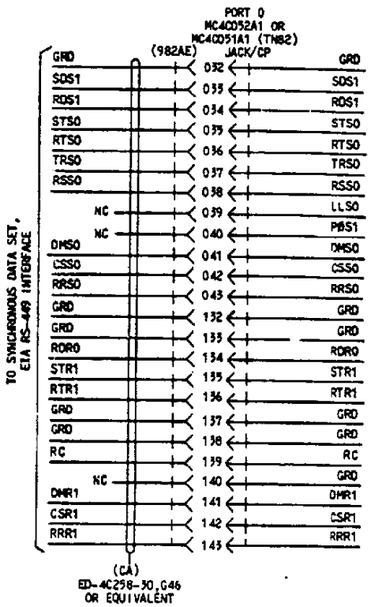


THE FOLLOWING SHOWS A GRAPHICAL REPRESENTATION OF THE (ED-4C258-30,G41 OR EQUIVALENT) CONNECTION BETWEEN MC4C052A1 OR MC4C051A1 (TN82) AND EIA RS-232C INTERFACE.



108. (CONT)

THE FOLLOWING SHOWS A GRAPHICAL REPRESENTATION OF THE (ED-4C258-30,G46 OR EQUIVALENT) CONNECTION BETWEEN MC4C052A1 OR MC4C051A1 (TN82) AND EIA RS-449 (UNBALANCED) INTERFACE.



SEE PROPRIETARY NOTICE ON COVER SHEET

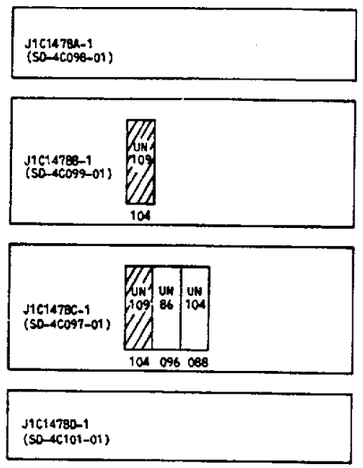
COMPUTER SYSTEM

DWG SIZE	ISSUE
8.5	12B

AT&T | SD-4C127-01 | SHEET D8

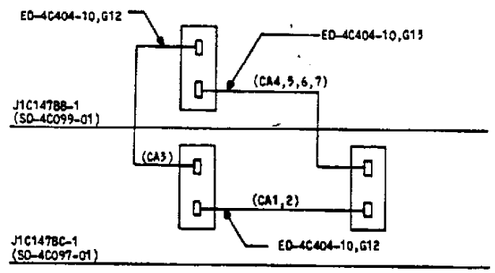
CIRCUIT NOTES: (CONT)

109. SHOWS A GRAPHICAL REPRESENTATION OF THE 3B NET TAPE CABLE ASSEMBLIES FOR DMAC 0 & DMAC 1 (SEE NOTE 318, 321)

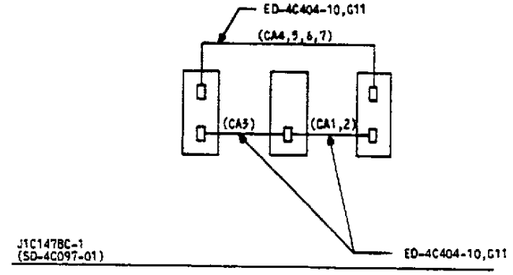


(REAR VIEW)

3B NET TAPE CABLE ASSEMBLIES FOR DMAC 0



3B NET TAPE CABLE ASSEMBLIES FOR DMAC 1



COMPUTER SYSTEM		DWG SIZE E	ISSUE 12B
AT&T	SD-4C127-01		SHEET D9

CIRCUIT NOTES: (CONT)

110. UN55 EXTENDED MEMORY DATA LINK INTERFACE PERIPHERAL CONTROLLER PROVIDES FOUR HIGH-SPEED, PROGRAMMABLE BISYNCHRONOUS SERIAL PORTS, EACH PORT SUPPORTS ONE DEVICE. THIS IS NOT A STAND-ALONE ASSEMBLY, BUT DEPENDS ON THE MC4C057A1(TN82) DATA LINK INTERFACE FOR ITS OPERATION AND INTERFACE TO THE CENTRAL CONTROL (CC). FOUR DUPLEX SERIAL DATA PORTS CONSTITUTE THE INTERFACE TO AS MANY DATA SETS. THE 4 PORTS MAY BE USED FOR (EIA) RS232C SIGNAL INTERFACES; OR ONE OF THE 4 PORTS WILL PROVIDE A (CCITT) V.35 SIGNAL INTERFACE.

7	6	5	4	3	2	1	0	
STRP(XX)5A	STRP(XX)2A	CDCON	CDCOP	CDCON	CDCOP	BAD181	BAD191	56
STRP(XX)59	STRP(XX)29	CTSON	CTSOP	CTSON	CTSOP	BAD161	BAD171	55
STRP(XX)58	STRP(XX)28	DSRON	DSROP	DSRON	DSROP	BAD141	BAD151	54
STRP(XX)57	STRP(XX)27					BAD121	BAD131	53
STRP(XX)56	STRP(XX)26		UOCLK			BAD101	BAD111	52
STRP(XX)55	STRP(XX)25	GRD	RTSOP	GRD	RTSOP	BAD081	BAD091	51
STRP(XX)54	STRP(XX)24	GRD	DTROP	GRD	DTROP	BAD061	BAD071	50
STRP(XX)53	STRP(XX)23	RXCON	RXCOP	SCRB	SCRA	BAD041	BAD051	49
STRP(XX)52	STRP(XX)22	TXCON	TXCOP	SCTB	SCTA	BAD021	BAD031	48
STRP(XX)51	STRP(XX)21	RXDON	RXDOP	RDB	RDA		BAD011	47
STRP(XX)50	STRP(XX)20	GRD	TXDON	SOB	SDA		BAD001	46
ER(0-3)	ER(0-3)	GRD	GRD	GRD	GRD	GRD	GRD	45
				P12E	P12E	N12E	N12E	44
STRP(XX)1A	STRP(XX)0A	CDC1N	CDC1P	BDATA14	BDATA15			43
STRP(XX)19	STRP(XX)09	CTS1N	CTS1P	BDATA12	BDATA13	BDTIRO	CLRO	42
STRP(XX)18	STRP(XX)08	DSR1N	DSR1P	BDATA10	BDATA11	BFFPERO	BALE1	41
STRP(XX)17	STRP(XX)07			BDATA08	BDATA09	BFFRDY1	BINTO	40
STRP(XX)16	STRP(XX)06		U1CLK	BDATA06	BDATA07		CLK1	39
STRP(XX)15	STRP(XX)05	GRD	RTS1P	BDATA04	BDATA05			38
STRP(XX)14	STRP(XX)04	GRD	DTR1P	BDATA02	BDATA03			37
STRP(XX)13	STRP(XX)03	RXC1N	RXC1P	BDATA00	BDATA01			36
STRP(XX)12	STRP(XX)02	TXC1N	TXC1P	BDATAPL	BDATAPH			35
STRP(XX)11	STRP(XX)01	RXD1N	RXD1P	BAMWRO	BMRDO			34
STRP(XX)10	STRP(XX)00	GRD	TXD1N	OFFBMEO	BISTATEO			33
ER(0-3)	ER(0-3)	GRD	GRD	GRD	GRD	GRD	GRD	32
7	6	5	4	3	2	1	0	

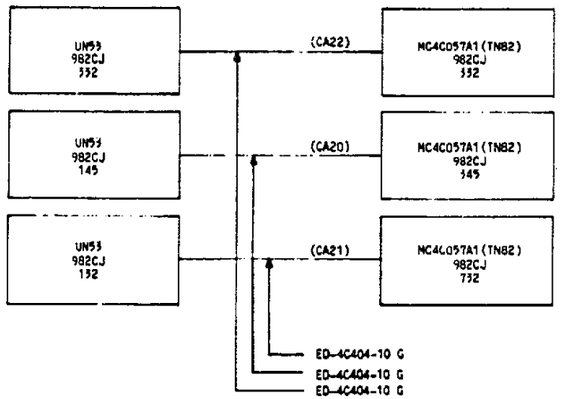
110.(CONT) MC4C057A1(TN82) DATA LINK INTERFACE PROVIDES AN INTERFACE TO THE CENTRAL CONTROL (CC) FOR THE UN55 EXTENDED MEMORY DATA LINK INTERFACE PERIPHERAL CONTROLLER. THE MC4C057A1(TN82) INTERFACES WITH THE UN55 VIA 3 BACKPLANE CABLES MOUNTED AT 332, 345, AND 732. IT INTERFACES WITH THE CC VIA THE I@P AND SHARES A COMMON INTERFACE WITH OTHER PERIPHERAL CONTROLLERS LOCATED IN THE INPUT/OUTPUT PROCESSOR (I@P). THIS IS A NON-ISOLATED PC.

7	6	5	4	3	2	1	0	
				BAD0191	BAD0181	RRR1	RRSO	56
				BAD0171	BAD0161	CSR1	CSSO	55
				BAD0151	BAD0141	DMR1	DMSO	54
				BAD0131	BAD0121	GRD	PBS1	53
				BAD0111	BAD0101	RC	RLSO	52
				BAD0091	BAD0081	GRD	RSSO	51
				BAD0071	BAD0061	GRD	TRSO	50
				BAD0051	BAD0041	SCRB	SCRA	49
				BAD0031	BAD0021	SCTB	SCTA	48
				BAD0011	ASOR0	RDB	RDA	47
				BAD0001	ASOS1	SOB	SDA	46
				GRD	GRD	GRD	GRD	45
								44
STRP(XX)1A	STRP(XX)0A			BDATA15	BDATA14	RRR1	RRSO	43
STRP(XX)19	STRP(XX)09			BDATA13	BDATA12	CSR1	CSSO	42
STRP(XX)18	STRP(XX)08			BDATA11	BDATA10	DMR1	DMSO	41
STRP(XX)17	STRP(XX)07			BDATA09	BDATA08	GRD	PBS1	40
STRP(XX)16	STRP(XX)06			BDATA07	BDATA06	RC	LLSO	39
STRP(XX)15	STRP(XX)05			BDATA05	BDATA04	GRD	RSSO	38
STRP(XX)14	STRP(XX)04			BDATA03	BDATA02	GRD	TRSO	37
STRP(XX)13	STRP(XX)03			BDATA01	BDATA00	RTR1	RTSO	36
STRP(XX)12	STRP(XX)02			BDATAPH	BDATAPL	STR1	STSO	35
STRP(XX)11	STRP(XX)01			BMRDO	BAMWRO	RDR0	RDS1	34
STRP(XX)10	STRP(XX)00			BISTATEO	OFFBMEO	GRD	SOS1	33
ER(0-3)	ER(0-3)			GRD	GRD	GRD	GRD	32
7	6	5	4	3	2	1	0	

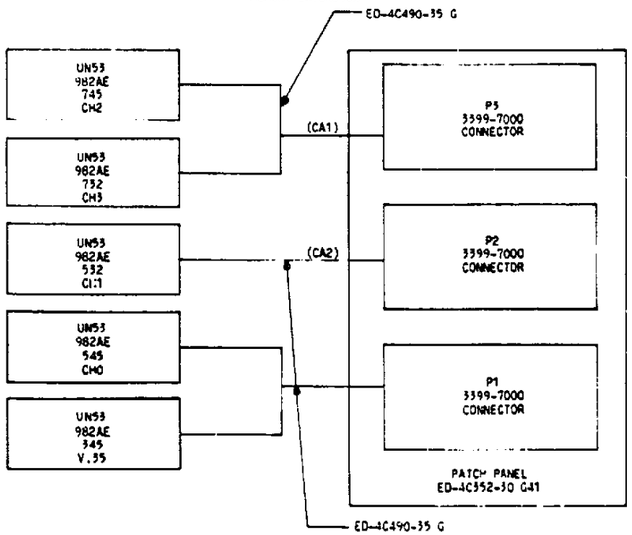
SHEET NOTES:

1. UN55 BACKPLANE CONNECTORS (982CJ) MOUNTED AT 132, 145 & 332 ARE USED IN CONJUNCTION WITH MC4C057A1(TN82).
2. TN82 BACKPLANE CONNECTORS (982CJ) MOUNTED AT 332, 345 & 732 ARE USED ONLY WHEN CIRCUIT PACK IS EQUIPPED IN CONJUNCTION WITH UN55.
3. THE '(XX)' IN THE LEAD DESIG IS EQUAL TO DESIG OF PC-SLOT IN WHICH CIRCUIT PACK IS EQUIPPED. (EX. PC00 STRP0090).
4. FOR NUMBERING OF PC SLOTS SEE NOTE 327.

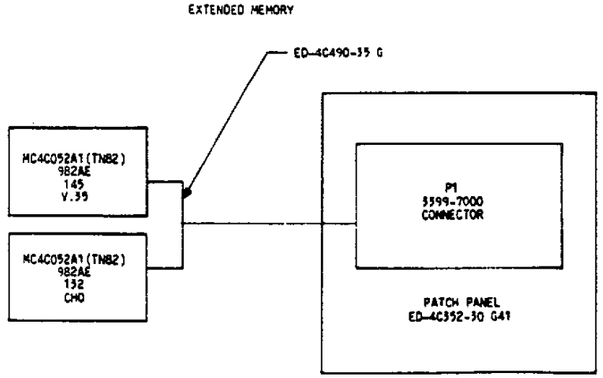
MC4C057A1(TN82)/UN55 INTERFACE



MEMORY EXTENSION



EXTENDED MEMORY



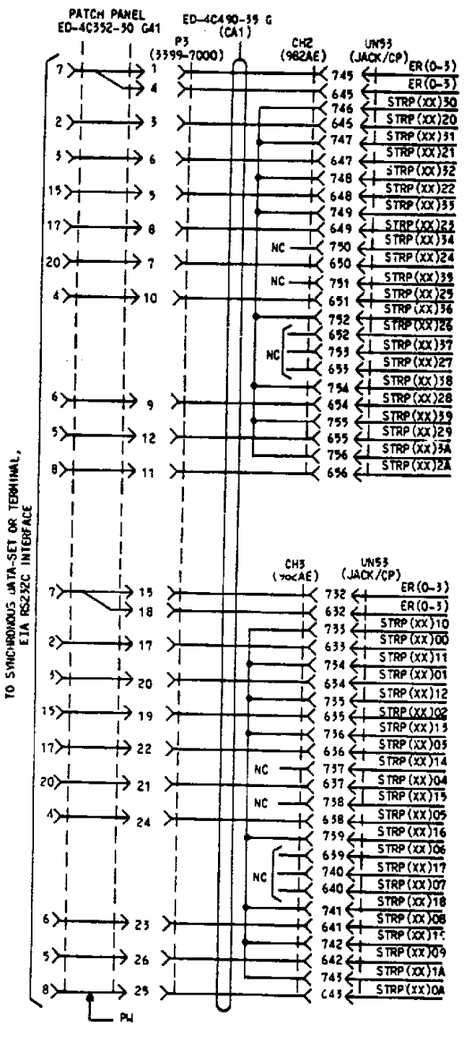
SEE PROPRIETARY NOTICE ON COVER SHEET

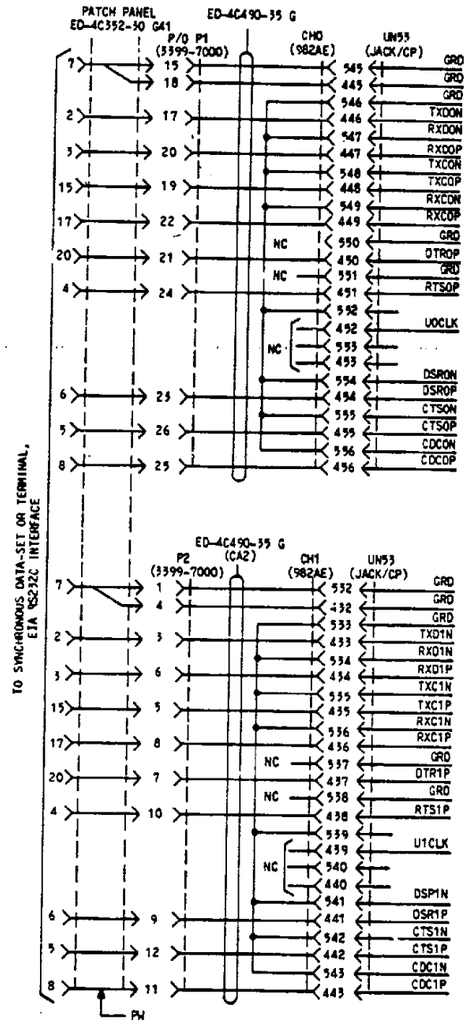
COMPUTER SYSTEM	DWG SIZE: B	ISSUE: 12B
AT&T	SD-4C127-01	SHEET: D10

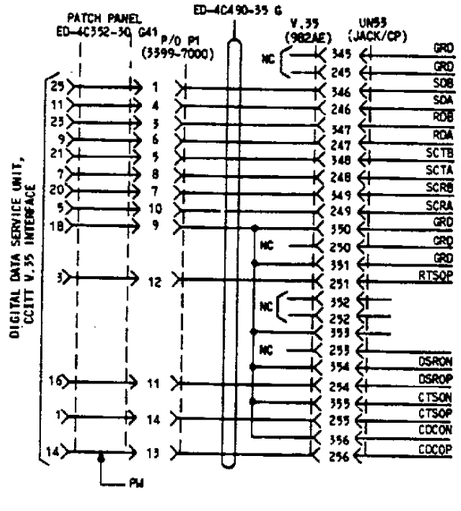
CIRCUIT NOTES: (CONT)

110. (CONT)

THE FOLLOWING SHOWS THE GRAPHICAL REPRESENTATION OF THE (ED-4C490-35 G & G) CONNECTIONS BETWEEN UN53CP AND EIA RS232C/CCITT V.35 INTERFACE







SHEET NOTES:

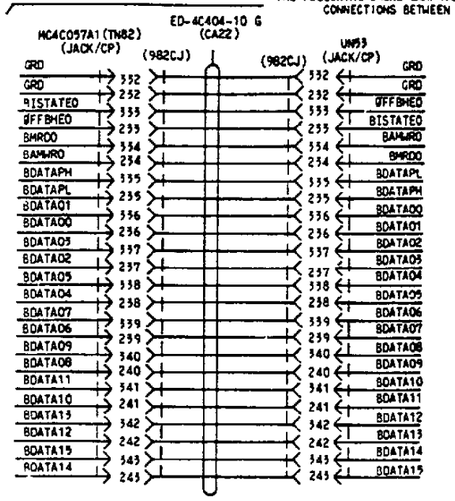
1. THE (XX) IN LEAD DESIG IS EQUAL TO DESIG OF PC-SLOT IN WHICH CIRCUIT PACK IS EQUIPPED. (EX. PCOO STRP0050)

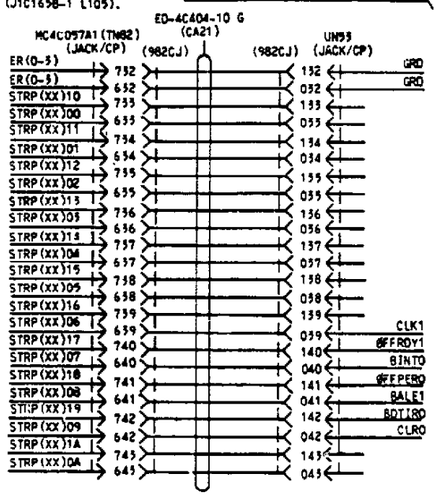
COMPUTER SYSTEM		DWG SIZE: 8S	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D11

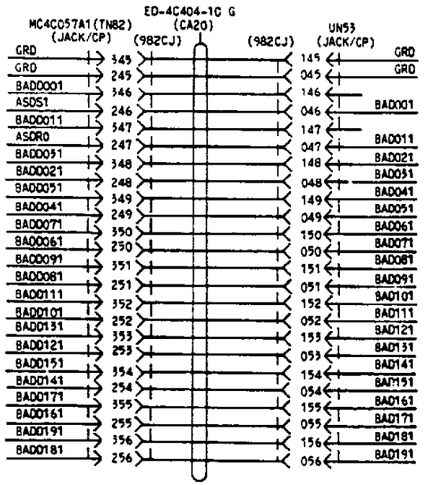
CIRCUIT NOTES: (CONT)

110. (CONT)

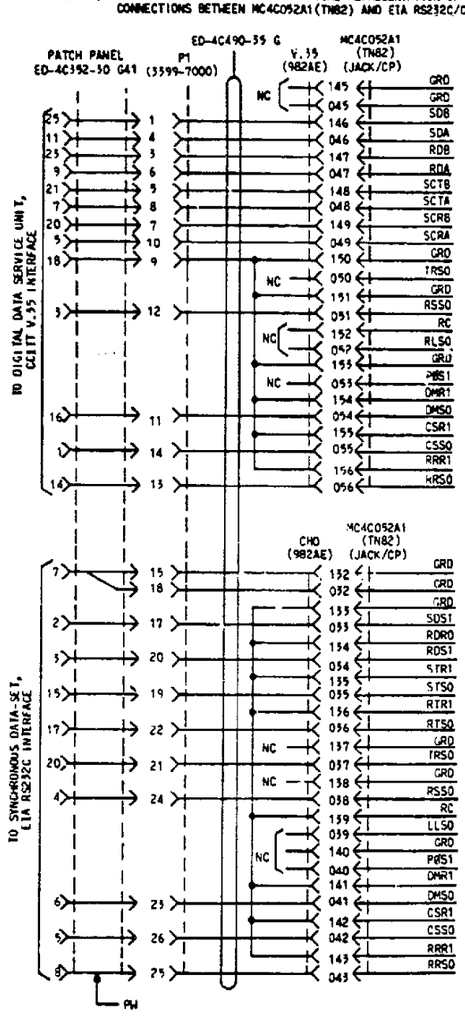
THE FOLLOWING SHOWS GRAPHICAL REPRESENTATION OF THE (ED-4C404-10 G , &) CONNECTIONS BETWEEN MC4C057A1(TN82) AND UN53 (J1C1658-1 L105).







110.(CONT) THE FOLLOWING SHOWS THE GRAPHICAL REPRESENTATION OF THE (ED-4C271-36 G49) CONNECTIONS BETWEEN MC4C052A1(TN82) AND ETA RS232C/CCITT V.35 INTERFACE.



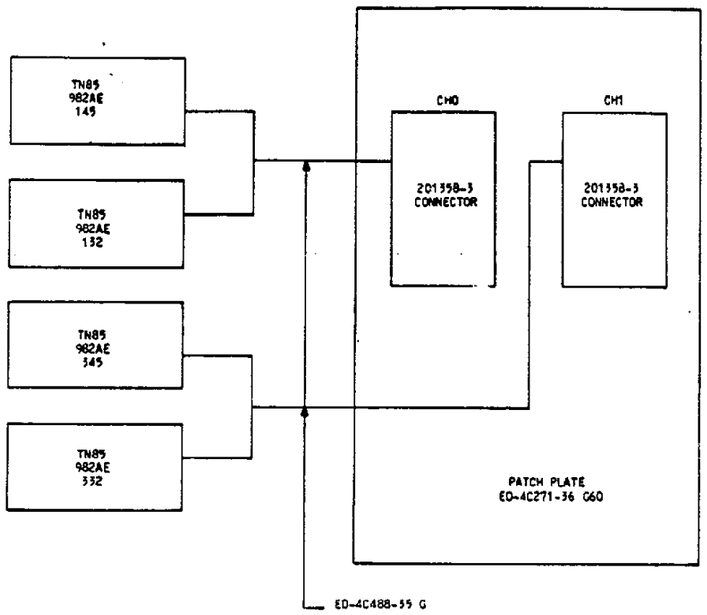
COMPUTER SYSTEM		DWG SIZE 6S	ISSUE 12B
AT&T	SD- 4C127-01		SHEET D12

CIRCUIT NOTES: (CONT)

111. TN85 LINE PRINTER PERIPHERAL CONTROLLER PROVIDES ASCII DATA FOR SYSTEM LINE PRINTERS AND IS CAPABLE OF CONTROLLING TWO LINE PRINTERS CONCURRENTLY AT A MAXIMUM OF 2000 LPM UNIT@ 132 CHAR./LINE THROUGH A 2-CHANNEL DIFFERENTIAL TTL INTERFACE.

	3	2	1	0	
56	PDATA11P	PDATA11N	PDATA01P	PDATA01N	56
55	PDATA12P	PDATA12N	PDATA02P	PDATA02N	55
54	PDATA13P	PDATA13N	PDATA03P	PDATA03N	54
53	PDATA14P	PDATA14N	PDATA04P	PDATA04N	53
52	PDATA15P	PDATA15N	PDATA05P	PDATA05N	52
51	PDATA16P	PDATA16N	PDATA06P	PDATA06N	51
50	PDATA17P	PDATA17N	PDATA07P	PDATA07N	50
49	PDATA18P	PDATA18N	PDATA08N	PDATA08N	49
48	PSTB1P	PSTB1N	PSTB0P	PSTB0N	48
47	PBFCLR1P	PBFCLR1N	PBFCLR0P	PBFCLR0N	47
46	PPI1N	PPI1N	PPI0P	PPI0N	46
45	ER	ER	ER	ER	45
44	P12E	P12E	N12E	N12E	44
43	PDMO1P	PDMO1N	PDMO0P	PDMO0N	43
42	PRDYI1P	PRDYI1N	PRDYI0P	PRDYI0N	42
41	PØNL1P	PØNL1N	PØNL0P	PØNL0N	41
40	PPARER1P	PPARER1N	PPARER0P	PPARER0N	40
39	PTØF1P	PTØF1N	PTØF0P	PTØF0N	39
38	PBOF1P	PBOF1N	PBOF0P	PBOF0N	38
37	PIO10P	PIO10N	PIO00P	PIO00N	37
36	PIO11P	PIO11N	PIO01P	PIO01N	36
35	PPARB1P	PPARB1N	PPARB0P	PPARB0N	35
34	PTYPE101	PIFVFY10	PTYPE001	PIFVFY00	34
33	PTYPE111	GRD	PTYPE011	GRD	33
32	ER	ER	ER	ER	32
	3	2	1	0	

LINE PRINTER PERIPHERAL CONTROLLER



ED-4C488-59 G

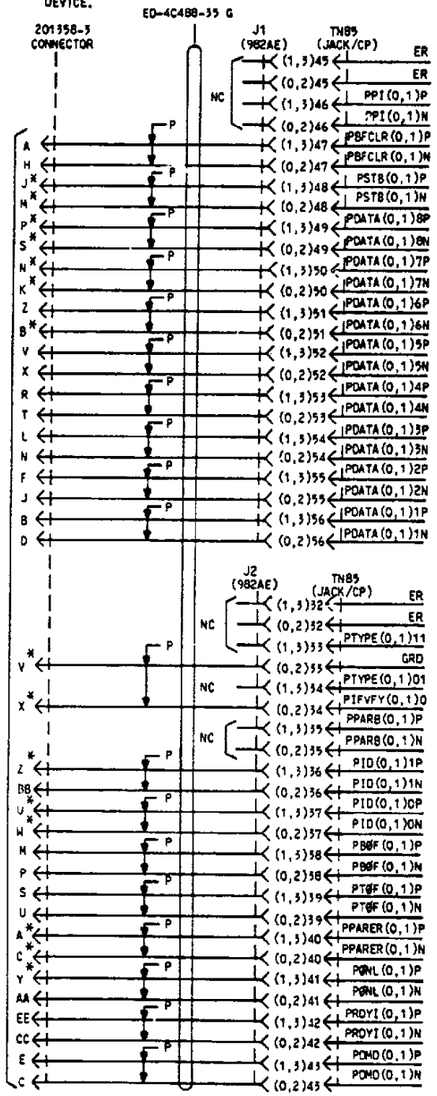
SHEET NOTE:

1. PATCH PLATE IS FURNISHED WITH CABLE ASSY ED-4C271-36 G60.
2. FOR NUMBERING OF PC SLOTS SEE NOTE 327.

COMPUTER SYSTEM	DWG SIZE: 8.5	ISSUE: 128
AT&T	SD-4C127-01	SHEET: D13

CIRCUIT NOTES: (CONT)

111. (CONT) THE FOLLOWING SHOWS A GRAPHICAL REPRESENTATION OF THE (ED-4C488-35 G) CONNECTION BETWEEN TN85 AND PERIPHERAL DEVICE.



* DENOTES LOWER CASE PIN NUMBER

112. THE SSR010 BIT NEEDS TO BE TIED TO GROUND (60-084-337 TO 60-084-339) IN S04C098-01 WHEN THE UN618 MAIN STORE CONTROLLER IS EQUIPPED IN VLMM <R6> ENVIRONMENT.

113. THE SSR010 IS NOT GROUNDED WHEN THE UN59C MAIN STORE CONTROLLER IS USED IN THE VLMM <R6> ENVIRONMENT.

114. THE SSR010 BIT NEEDS TO BE TIED TO GROUND (60-084-337 TO 60-084-339) IN S04C098-01 WHEN THE ENLARGED CACHE FEATURE (UN616 AND UN617) IS IN NON VLMM <R1> ENVIRONMENT.

115. IN <R6.5> ENVIRONMENT, BOTH ENLARGED CACHE (UN616/UN617) AND MAIN STORE CONTROLLER (UN59C/UN618) OPTIONS ARE DEFINED BY GROUNDING THE SR010 BIT. IN EMM ENVIRONMENT, THE GROUND WIRE PROVIDES THE ENLARGED CACHE INDICATION; IN VLMM APPLICATIONS, THE WIRE INDICATES THE USE OF THE UN618 MAIN STROE CONTROLLER.

116. THE TABLE BELOW REPRESENTS THE CIRCUIT PACKS AND SSR010 GROUND WIRE TO BE EQUIPPED UNDER DIFFERENT ENVIRONMENTS.

R1			R6	
EMM ENVIRONMENT			VLMM ENVIRONMENT	
C. P. FUNCTION	CACHE	ENLRGD. CACHE	ENLRGD. CACHE, & MASC.	ENLRGD. CACHE, & MASC.
CACHE OR ENLRGD. CACHE	UN10 UN11	UN616 UN617 GRD WIRE	UN616 UN617	UN616 UN617
MASC.	UN59C	UN59C	UN59C	UN618 GRD WIRE

COMPUTER SYSTEM		DWG SIZE 6S	ISSUE 12B
AT&T	SD- 4C127-01		SHEET 014

INFORMATION NOTES:

501. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS
CAPACITANCE VALUES /RE IN MICROFARADS
VALUES PRECEDED BY THE SYMBOL + (PLUS)
OR - (MINUS) ARE IN VOLTS.

502.

FEATURE OR OPTION				PROVIDE		
				APP FIG.	APP OR WRG	QTY
3B200 MODEL 3 PROC (MINIMUM SYSTEM)	PROC CAB	J1C147BA, CPU		1,4		1 PER CKT
		J1C147BB, MS/IØ/DFC				
		J1C147BD, IØP BASIC				
		J1C147BE, PWR DIST				
		J1C147BC, IØP GROWTH		2		1 PER CKT AS REQ'D
		J1C130BC, PORT SW		3		
	TAPE/ DISK CAB (T/DC)	CAB & PWR DIST		100		1 PER CKT
		TAPE UNIT 0 (KS-22762,L3)				
		340MB DISK DRIVES (KS-22875, L10	NO:			
			00			
			01			
			02	150		1 PER CKT AS REQ'D
			03	151		
3B200 MODEL 3 PROC FEATURES	PROC CAB	STORE ADDRESS TRANSLATOR (UN45C) PLUS WIRE		5		1 PER CKT AS REQ'D
		1ST 2MB MAIN STORE MEMORY (TN56)		6		1 PER CKT AS REQ'D
		MTTY WITH EAI PAGE ENHANCEMENTS MC4C132A1 (TN983)		7		1 PER CKT AS REQ'D
		MEMORY EXPANSION (UNIX RTR RELEASE 1)		8		1 PER CKT AS REQ'D
		REAL TIME CLOCK: APX-10 (UN246)		9		1 PER CKT AS REQ'D
		CU 0 PATCH PANEL ASSY		10		1 PER CKT
		UNIX COMPATIBILITY & PERFORMANCE IMPROVEMENTS. REQUIRES UNIX RTR RELEASE 2 SOFTWARE.		11		1 PER CKT AS REQ'D
		COPROCESSING (SEE NOTE 528)		12	V	1 PER CKT AS REQ'D
		3B NET FOR DMAC 1 WITH NICP IN CH 17 (UNIX RTR RELEASE 2)		13		1 PER CKT
		3B NET FOR DMAC 0 WITH NICP IN CH 12 (UNIX RTR RELEASE 2) (SEE NOTE 522)		14		1 PER CKT
		MAIN STORE & IØP GROWTH UNIT WITH POWER & CABLES FOR EXTENDED MEMORY		2, 610		1 PER CKT AS REQ'D

FEATURE OR OPTION				PROVIDE		
				APP FIG.	APP OR WRG	QTY
ADD'L T/DC FOR DISK DRIVES 04-15	1ST GROWTH T/DC	CABINET		101		1 PER CKT
		PWR DIST UNIT		110		1 PER CKT
		540/MB DISK DRIVES	NO:			1 PER CKT AS REQUIRED
			04	152		
			05	153		
			06	154		
			07	155		
			08	156		
			09	158		
			10	160		
			11	162		
	2ND GROWTH T/DC	CABINET		102		1 PER CKT
		PWR DIST UNIT		111		1 PER CKT
		340/MB DISK DRIVES	NO:			1 PER CKT AS REQUIRED
			12	164		
			13	166		
			14	168		
			15	170		
ADD'L T/DC FOR 2ND TAPE UNIT & DISK DRIVES 04-15	1ST GROWTH T/DC	CABINET		101		1 PER CKT
		PWR DIST UNIT		111		1 PER CKT
		TAPE UNIT 1 (KS-22762,L3)		120		1 PER CKT
		340/MB DISK DRIVES	NO:			1 PER CKT AS REQUIRED
			04	152		
			05	153		
			06	154		
			07	155		
	2ND GROWTH T/DC	CABINET		102		1 PER CKT
		PWR DIST UNIT		110		1 PER CKT
		340/MB DISK DRIVES	NO:			1 PER CKT
			08	157		1 PER CKT
			09	159		1 PER CKT
			10	161		1 PER CKT
			11	163		1 PER CKT
			12	165		1 PER CKT
			13	167		1 PER CKT
			14	169		1 PER CKT
			15	171		1 PER CKT

FEATURE OR OPTION			PROVIDE		
			APP FIG.	APP OR WRG	QTY
PERIPHERAL EQUIPMENT	NTCE TTY TERM (KS-22921,L2)		300		1 PER CKT
	READ ONLY PRINTER (#R640P2F, TTY CORP OR EQUIV)		301		1 PER CKT
	PEDISTAL MOUNTS FOR L301 OR L302 (J1C165B-1, FIG 9)		302		AS REQUIRED
	600 LINE PER MINUTE BAND PRINTER		303		1 PER CKT AS REQUIRED
POWER CABINET ARRANGED FOR -48V PWR DIST	CABINET ASSY		350		1 PER CKT
	CONT & FILTER FUSE PANEL		351		1 PER CKT
	BOTTOM PWR FEED		352		1 PER CKT
	AC SOURCED		353		1 PER CKT
	DESIG CARDS		354		1 PER CKT
	SAFETY GRD		355		1 PER CKT
PERIPHERAL INTERFACE CABINET (PIC)	CABINET		400		1 PER CKT
	COOLING/PWR DIST		401		1 PER CKT
	IOP BASIC AT LEVEL 29		402		1 PER CKT
	IOP GROWTH AT LEVEL 38		403		1 PER CKT
	IOP BASIC AT LEVEL 47		404		1 PER CKT
	IOP GROWTH AT LEVEL 56		405		1 PER CKT
	PWR & CONN PANEL FOR IØP GROWTH		406		1 PER CKT AS REQ'D

SEE PROPRIETARY NOTICE ON COVER SHEET

COMPUTER SYSTEM		DWG SIZE	ISSUE
		88	12B
AT&T	SD-4C127-01		SHEET D15

INFORMATION NOTES: (CONT)

302. (CONT)

FEATURE OR OPTION		PROVIDE APP FIG	APP OR WRG	QUANTITY
	1MB OF ADD'L MAIN STORE MEMORY (MSM) (TN28) (SEE NOTE 305,309)	600		AS REQ'D
	DMA1 CONTROLLER (UN46) (SEE NOTE 306)	601		1 PER CKT
	CACHE MEMORY (2-UN10, 1-UN11; OMIT UN308)	602		1 PER CKT
	4K ADD'L WRITABLE MICROSTORE (UN48B)	603		1 PER CKT
	IO DUAL SERIAL CHANNEL (DSCH) (UN99) (SEE NOTE 307-309)	604		AS REQ'D
	UTILITY CIRCUIT (UC) (UN218) (SEE NOTE 310)	605		1 PER CKT
	5 VOLT POWER FOR COMM2 (PC SLOTS 20-13) (495FA & TN9)	606		1 PER CKT
PERIPHERAL CONTROLLER (PC) & OTHER CIRCUIT PACK OPTIONS	5 VOLT POWER FOR COMM3 (PC SLOTS 30-33) (TN9)	607		1 PER CKT
	PORT SWITCH UNIT (TF4) (PER JOB ENGR)	608		1 PER CKT
	ADD'L 5 VOLT POWER FOR OTHER UNITS (495FA) (SEE NOTES 308, 311-313, 323-326)	609		1 PER CKT
	ADD'L 5 VOLT POWER FOR GROWTH UNIT (495FA) (SEE NOTE 309)	610		1 PER CKT
	SCANNER SIGNAL DIST (SCSD) (UN338) (SEE NOTE 308)	611		1 PER CKT AS REQ'D
	HIGH SPEED TAPE PC (UN52) (SEE NOTE 306)	612		1 PER CKT AS REQ'D
	NOT USED	613		
	2 CHAN (2 PORTS PER CH) TTY ASYNCHRONOUS LINK PC MC4C011A1B (TN74B) (SEE NOTE 306)	614		1 PER CKT AS REQ'D
	2 CHAN SYNCHRONOUS LINK PC MC4C048A1B (TN75C) (SEE NOTE 306)	615		1 PER CKT AS REQ'D

INFORMATION NOTES: (CONT)

302. (CONT)

FEATURE OR OPTION		PROVIDE APP FIG	APP OR WRG	QUANTITY
	SCANNER SIGNAL DISTRIBUTOR INTERFACE (TF2) (SEE NOTE 316 & 317)	616		1 PER CKT AS REQ'D
	BX.25 DIRECT USER INTERFACE DATA LINK CONTROLLER MC4C051A1 (TN82) (SEE NOTE 306) (DUIC)	617		1 PER CKT AS REQ'D
	2MB OF ADD'L MAIN STORE MEMORY (TN56) (SEE NOTE 305,309)	618		1 PER CKT AS REQ'D
	BX.25 HIGH SPEED (56K BPS) SYNCHRONOUS DATA LINK CONTROLLER (SEE NOTE 306)	619		1 PER CKT AS REQ'D
	CAPABILITY FOR EXPANDED MEMORY WHEN CACHE MEMORY (APP. FIG. 602) IS PROVIDED	620		1 PER CKT AS REQ'D
	2 CHAN 2 PORT/CHAN ASYNCHRONOUS PC PATCH PANEL & CABLE	621		1 PER CKT AS REQ'D
	2 CHAN SYNCHRONOUS PC PATCH PANEL & CABLE	622		1 PER CKT AS REQ'D
PERIPHERAL CONTROLLER (PC) & OTHER CIRCUIT PACK OPTIONS	BX.25 HSDC PC PATCH PANEL & CABLE	623		1 PER CKT AS REQ'D
	8 CHAN 1 PORT/CHAN ASYNCHRONOUS PC PATCH PANEL & CABLE	624		1 PER CKT AS REQ'D
	8 CHAN 1 PORT/CHAN ASYNCHRONOUS PC PATCH PANEL & CABLE	625		1 PER CKT AS REQ'D
	BX.25 DUIC PC PATCH PANEL & CABLE	626		1 PER CKT AS REQ'D
	FLOATING POINT ACCELERATOR (UNIX RTR RELEASE 2)	627		1 PER CKT AS REQ'D
	BX.25 DIRECT USER INTERFACE CONTROLLER (DUIC) MC4C051A1B (TN82) (SEE NOTE 306) FOR APX-10 PROCESSOR APPLICATIONS	628		1 PER CKT AS REQ'D
	BX.25 DIRECT USER INTERFACE CONTROLLER (DUIC) MC4C051A1B (TN82) FOR APX-10 PROCESSOR (IO GROWTH) APPLICATIONS (SEE NOTE 306)	629		1 PER CKT AS REQ'D

INFORMATION NOTES: (CONT)

302. (CONT)

FEATURE OR OPTION			PROVIDE APP FIG	APP OR WRG	QUANTITY
	HIGH SPEED BYTE SYNCHRONOUS PC FOR REMOTE JOB ENTRY (UNIX RTR RELEASE 2)		630		1 PER CKT AS REQ'D
	MEDIUM SPEED LINE PRINTER PERIPHERAL CONTROLLER (UNIX RTR RELEASE 2) (SEE NOTE 306)		631		1 PER CKT AS REQ'D
PERIPHERAL CONTROLLER (PC) & OTHER CIRCUIT PACK OPTIONS	BX .25 HIGH SPEED (56 KBPS) DATA LINK CONTROLLER (TN82B) (SEE NOTE 306)		632		1 PER CKT AS REQ'D
	BX .25 HIGH SPEED (56 KBPS) DATA LINK CONTROLLER (TN82B) (SEE NOTE 306)		633		1 PER CKT AS REQ'D
	BX .25 HIGH SPEED (56 KBPS) DATA LINK CONTROLLER, CABLE & PATCH PANEL (TN82B) (SEE NOTE 306)		634		1 PER CKT AS REQ'D
	1600 BPI HIGH SPEED TAPE FOR 2ND TAPE UNIT (UN52B) (SEE NOTE 306)		635		1 PER CKT AS REQ'D
	2 CHANNEL SYNCHRONOUS LINK (NSI - APPLICATION ONLY) (SEE NOTE 306) (TN1839)		640		1 PER CKT AS REQ'D
DC POWER DIST TITTLE (CP & PROG RES) (CP POWER ARR 1-7) (SEE NOTES 311,312, 323,325 AND FIGS. 1-9)	CP PWR ARR 1 (FIGS 1,2,8)	BASIC UNIT			1 PER L1
		GROWTH UNIT			1 PER L2
	CP PWR ARR 2 (FIGS 1,3,8)	CACHE MEMORY			1 PER L602
	CP PWR ARR 3 (FIGS 1,4,8)	CONTROL STORE			1 PER L603
	CP PWR ARR 5 (FIGS 1,6,8)	2ND DMA OR IO CH IN MS/IO & DFC UNIT (J1C147BB)		Y	1 PER L601 OR L604 & L609
	CP PWR ARR 6 (FIGS 1,7,8)	4TH IO CH IN GROWTH UNIT (J1C147BC)		X	1 PER L604 & L609
	CP PWR ARR 7 (FIGS 1,5,8)	FLOATING POINT ACCELERATOR		W	1 PER L627 & L609

COMPUTER SYSTEM

DWG SIZE C2 | ISSUE 14B

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INFORMATION NOTES: (CONT)

302. (CONT)

FEATURE OR OPTION		PROVIDE		
		APP FIG	APP OR WRG	QUANTITY
VERY LARGE MAIN-STORE MEMORY SEE NOTE 329	UN608 (MC3T001A1) UN609 (MC3T002A1)	500		1 PER CKT
	UN248			
	NON-INTERFERING WIRING <R1> SEE NOTE 330			
	CABLE SEE NOTE 330			
	NON-INTERFERING GROWTH <R1> SEE NOTE 330	501		1 PER CKT
	UN616 SEE NOTE 331	502		1 PER CKT
	1ST TN2012 SEE NOTE 332	503		1 PER CKT
	4 MB (MAX. 7) MEMORY	504		AS REQ'D
	4 MB (MAX. 8) MEMORY	505		AS REQ'D
	ENLARGED CACHE MEMORY (UN616,617)	506		1 PER CKT
	UN611	507		1 PER CKT
	UN612			
	UN26 (MC3T003A1)			
	INTERFERING WIRING <R6> SEE NOTE 332			
	UTIL CP - UN615	508		1 PER CKT
VLMM SEE NOTE 333	DMA0 UN46D SEE NOTE 330	AU		1 PER CKT
	DMA1 SEE NOTE 330	AV		1 PER CKT
	NON-INTERFERING WIRING <R1>	AW		1 PER CKT
	NON-INTERFERING WIRING <R1>	AX		1 PER CKT
	CABLE, GROWTH MEMORY EXPAN.	AZ		1 PER CKT
	UN3C	BB		1 PER CKT
	UN133C - MAINSTORE UPDATE	BC		1 PER CKT
	CABLE, MAINSTORE UPDATE	BE		1 PER CKT
	SSRD10 GROUND WIRE (NOTE 112,114)	BM		1 PER CKT

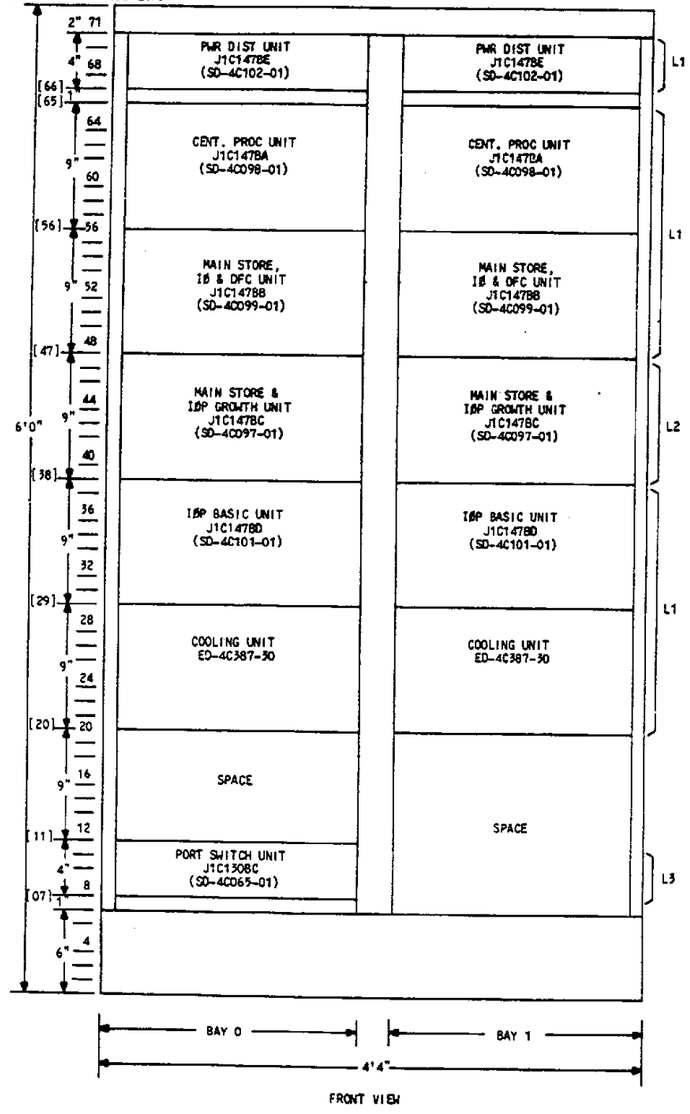
INFORMATION NOTES: (CONT)

303.

RECORD OF APP. FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
1	Z					Z
4B			323			X,Y, W

INFORMATION NOTES: (CONT)

304. CABINET ARRANGEMENTS



FRONT VIEW

305. ONE INCREMENT OF ADDITIONAL 1MB MAIN STORE MEMORY (MSM) (TN28) OR ONE INCREMENT OF ADDITIONAL 2MB MSM (TN56) OR ONE INCREMENT OF 4MB MSM IS SUMMERIZED BELOW:

QTY	CKT PACK	MSM SIZE	CKT PACK	MSM SIZE	CKT PACK	MSM SIZE	CIRCUIT PACK LOCATION
1ST	TN28	1Mb	TN56	2MB	TN2012	4MB	051-162,151-162
2ND	TN28	2Mb	TN56	4Mb	TN2012	8MB	051-156,151-156
3RD	TN28	3Mb	TN56	6Mb	TN2012	12MB	051-150,151-150
4TH	TN28	4Mb	TN56	8Mb	TN2012	16MB	051-144,151-144
5TH	TN28	5Mb	TN56	10Mb	TN2012	20MB	051-138,151-138
6TH	TN28	6Mb	TN56	12Mb	TN2012	24MB	051-132,151-132
7TH	TN28	7Mb	TN56	14Mb	TN2012	28MB	051-126,151-126
8TH	TN28	8Mb	TN56	16Mb	TN2012	32MB	051-120,151-120
9TH	TN28	9Mb	TN56	18Mb	TN2012	36MB	042-120,142-120
10TH	TN28	10Mb	TN56	20Mb	TN2012	40MB	042-126,141-126
11TH	TN28	11Mb	TN56	22Mb	TN2012	44MB	042-132,141-132
12TH	TN28	12Mb	TN56	24Mb	TN2012	48MB	042-138,142-138
13TH	TN28	13Mb	TN56	26Mb	TN2012	52MB	042-144,142-144
14TH	TN28	14Mb	TN56	28Mb	TN2012	56MB	042-150,142-150
15TH	TN28	15Mb	TN56	30Mb	TN2012	60MB	042-156,142-156
16TH	TN28	16Mb	TN56	32Mb	TN2012	64MB	042-162,142-162

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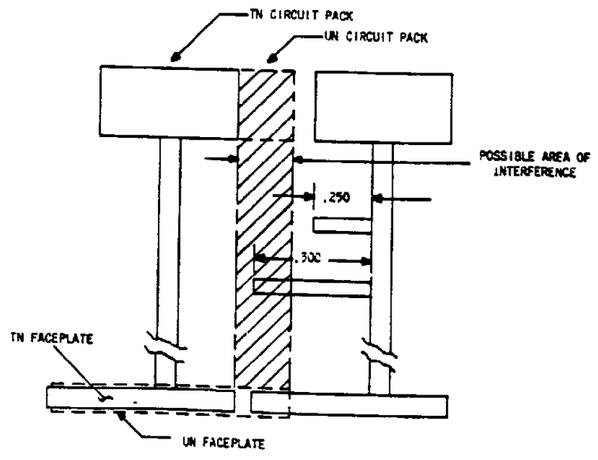
INFORMATION NOTES: (CONT)

306. LISTED BELOW IS A SUMMARY OF PERIPHERAL CONTROLLER (PC) CIRCUIT PACKS SLOTS AVAILABLE IN I@P BASIC UNIT & MAIN STORE AND I@P GROWTH UNIT. PC SLOTS 00 & 02 ARE ALWAYS FURNISHED, PC SLOTS 03 ARE RESERVED FOR A TAPE UNIT CP OPTION (UN52) THE REMAINDER IS LINE ENGINEERED ON AN AS REQUIRED (A/R) BASIS.

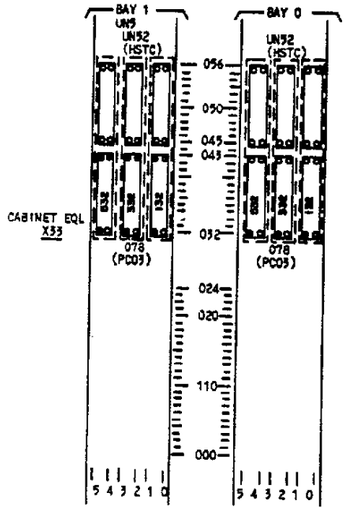
I@P LOCATION	PC COMM	PC SLOT	PACK LOCATION	PC CODE	PACK K LOCATION	PC CODE
I@P BASIC UNIT J1C1478D	0	00	033-102	MC4C041A1B (TN838) MTTY	133-102	MC4C041A1B (TN838) MTTY
		01	033-094	RESERVED FOR RC & V OR GROWTH SCAN/SD CKT PACK	133-094	RESERVED FOR RC & V OR GROWTH SCAN/SD CKT PACK
		02	033-086	UN33B SCAN/SD	133-086	UN33B SCAN/SD
		03	033-078	UN52 *	133-078	UN52 *
	1	10	033-062	A/R	133-062	A/R
		11	033-054	A/R	133-054	A/R
		12	033-046	A/R	133-046	A/R
		13	033-038	A/R	133-038	A/R
MAIN STORE AND I@P GROWTH UNIT J1C1478C	2	20	042-080	A/R	142-080	A/R
		21	042-074	A/R	142-074	A/R
		22	042-068	A/R	142-068	A/R
		23	042-062	A/R	142-062	A/R
	3	30	042-046	A/R	142-046	A/R
		31	042-040	A/R	142-040	A/R
		32	042-034	A/R	142-034	A/R
		33	042-028	A/R	142-028	A/R

* UN52 CP IS REQUIRED WITH J1C186A-1 TAPE/DISK CABINET AND KS-22762 (CDC/CPI 92181) TAPE UNIT. SIGNAL TYPE IS TTL, WITH A MAXIMUM CABLE LENGTH OF 20 FEET.

306.1 I@P COMMUNITY 1 MAY BE USED WITH ANY PC CIRCUIT PACK. COMMUNITY 2 & 3 MAY BE USED BY ANY PC CIRCUIT PACK HAVING A MAXIMUM COMPONENT HEIGHT OF .250 INCH EXCEPT FOR THE 602 TYPE CAPACITOR MOUNTED NEXT TO THE CONNECTOR. WHEN A (UN) TYPE CIRCUIT PACK IS MOUNTED TO THE LEFT, IF THE COMPONENT HEIGHT IS BETWEEN .250 AND .500 INCH AND THE APPLICATION ENGINEER DESIRES TO USE THE PACK IN COMMUNITY 2 & 3, HE/SHE MUST HAVE A (TN) CIRCUIT PACK TO THE LEFT OR LEAVE THE SLOT EMPTY (SEE FIGURE BELOW). PC SLOT 33 CAN NOT SUPPORT ANY OF THE PERIPHERAL CONTROLLER CIRCUIT PACK PROVIDED BY THE 600 SERIES LISTS.



306.2 SHOWN BELOW ARE THE TAPE CABLE CONNECTIONS FROM THE PROC CONT CABINET (UN52) TO THE TAPE DISK CABINET VIA A FLAT RIBBON CABLE WITH 3 BACKPLANE CONNECTORS.



306.3 THE SCAN/SD MAPS FOR SCAN FIELDS 2 & 3 PER NOTE 314 ARE RESERVED BY DMERT FOR FUTURE GROWTH OF THE 3B200 MODEL 3 COMPUTER. USE OF THESE FIELDS WILL REQUIRE THE APPLICATION OF SD-4C101-01 OPTION X WIRING TO THE IOP UNIT BACKPLANE. UN33B CIRCUIT PACKS MUST BE EQUIPPED IN COMMUNITY 0 SLOT 01 BAY 0 OR 1 TO UTILIZE THIS MAPPING AND ASSOCIATED SCAN CABLE DESIGNS. AT PRESENT, SCAN CABLES BEYOND THE 8TH DISK (DRIVE 07) ARE JOB ENGINEERED. WHEN BOTH RC & V TERMINALS AND SCAN/SD ASSIGNMENTS IN FIELDS 2 & 3 ARE REQUIRED, THE USING SYSTEM SHALL JOB ENGINEER ONE OF THESE REQUIREMENTS TO RESOLVE THE HARDWARE CONFLICT.

307. LISTED BELOW ARE THE RECOMMENDED I@ ASSIGNMENTS (MAX. 6) FOR 3B200 MODEL 3 PROCESSOR (DMERT):

DMA CHANNELS	CABINET EQL	UNIT SD & J CODE
* CH10 (DMAC0)	51-088	SD-4C099-01 (J1C1478B, MAIN STORE, I@ & DFC UNIT)
* CH11 (DI@CH11)	51-080	SD-4C099-01 (J1C1478B, MAIN STORE, I@ & DFC UNIT)
CH12 (DI@CH12)	51-104	SD-4C099-01 (J1C1478B, MAIN STORE, I@ & DFC UNIT)
CH15 (DMAC1)	51-096	SD-4C099-01 (J1C1478B, MAIN STORE, I@ & DFC UNIT)
CH16 (DI@CH16)	42-112	SD-4C097-01 (J1C147BC, GROWTH UNIT)
CH17 (DI@CH17)	42-104	SD-4C097-01 (J1C147BC, GROWTH UNIT)

PROGRAMMED I@ CHANNELS	CABINET EQL	UNIT SD & J CODE
CH00 (CCI@CH00)	42-088	SD-4C097-01 (J1C147BC, GROWTH UNIT)
CH01 (CCI@CH01)	42-096	SD-4C097-01 (J1C147BC, GROWTH UNIT)
CH02 (CCI@CH02)	42-104	SD-4C097-01 (J1C147BC, GROWTH UNIT)
CH03 (CCI@CH03)	42-112	SD-4C097-01 (J1C147BC, GROWTH UNIT)

* ALWAYS FURNISHED AS PART OF LIST 1

307.1 ONLY POWER AND GROUND ARE FURNISHED WITH THE MLPWB BACKPLANE FOR POSITIONS 51-104, 42-088, 42-096, 42-104 AND 42-112.

307.2 THE APPLICATION (USING SYSTEM) SHALL REQUEST ADDITIONAL CHANNEL WIRING, ETC. REQUIRED FROM THE GENERIC PLANNING & APPLICATION GROUP.

308. ADDITIONAL 5 VOLT POWER PER LIST 609 IS REQUIRED WHEN ANY OF THE FOLLOWING CONDITIONS ARE MET (SEE NOTES 325 & 326):

A. LIST 602 CACHE MEMORY IS ORDERED.
B. LIST 605 4K OF ADD'L WRITABLE MICROSTORE (UN48B) IS ORDERED.
C. LIST 601 DMAC 1 (UN46) IS ORDERED.
D. LIST 604 DSCH (UN9B) IS ORDERED & EQPT IN POS 091-104 & 191-104 (J1C1478B MS/I@ & DFC UNIT).
E. LIST 604 DSCH (UN9B) IS ORDERED & EQPT IN POS 042-112 & 142-112 (J1C147BC, MS & I@P GROWTH UNIT) BY ENGR IN JOB SPEC.

309. ADDITIONAL 5 VOLT POWER PER LIST 610 IS REQUIRED WHEN ANY OF THE FOLLOWING CONDITIONS ARE MET IN MC & I@P GROWTH UNIT (J1C147BC):

A. LIST 505,627,631 OR 8TH LIST 600 ADD'L MEMORY (TN26).
B. LIST 604 DSCH (UN9B) IS ORDERED & EQPT IN POS 042-104, 142-104, 042-112, 142-112 BY LINE ENGR IN JOB SPEC.

C. WHEN J1C188A-1 LIST 13 FOR 3B NET CONNECTED TO DMAC 1 IS ORDERED BY LINE ENGR. IN JOB SPEC. THIS LIST IN PART EQUIPS POS 042-104, 142-104 WITH A MICROCODE CONTROLLED UN109 CIRCUIT PACK.

310. THE UTILITY CIRCUIT (UC), UN218, IS AN OPTIONAL CIRCUIT PACK DESIGNED TO AID IN PROGRAM DEBUGGING AND TESTING. THE UC PROVIDES ADDRESS AND MATCHES AND TRANSFER TRACE CAPABILITY. IT IS USED IN CONJUNCTION WITH THE GRASP FIELD UTILITY FOR SOFTWARE DEBUGGING.

COMPUTER SYSTEM	DWG SIZE E3	ISSUE 12B
AT&T	SD-4C127-01	SHEET D19

INFORMATION NOTES: (CONT)

311. 3B20D MODEL 3, DC POWER DISTRIBUTION OPTIONS SHOWING CIRCUIT PACK POWER ARRANGEMENTS 1-7 (CP PWR APR 1-7) AND CURRENT PROGRAMMING RESISTER NET ARRANGEMENTS 1-7. (SEE NOTE 302 & 323).

3B20D MODEL 3 (J1C158A-1) PROCESSOR CABINET
CIRCUIT PACK LOCATIONS

LEVEL 60 — J1C147BA-1 UNIT (SD-4C098-01)

016	P5VA	495FA
020	P5VA	UN16B
026	P5VA	UN22B
036	P5VA	UN28B
042	P5VA	UN48B
050	P5VAB	UN48BM
058	P5VAA	UN48BR
066	P5VA	UN19B
072	P5VA	UN1C
078	P5VA	UN23C
084	P5VB	UN2B
092	P5VB	UN39B
098	P5VB	UN58
104	P5VB	UN43B
110	P5VB	UN49B
118	P5VB	UN21
124	P5VBA	UN10BM
130	P5VBB	UN10BR
138	P5VB	UN11B
146	P5VB	UN13B
154	P5VB	TN10
162	P5VB	TN5
178	P5VB	495FA

LEVEL 51 — J1C147BB-1 UNIT (SD-4C099-01)

016	P5VC	495FA
022	P5VC	TN68
028	P5VC	TN68
034	P5VC	TN48
040	P5VC	TEST
044	P5VC	UN54
052	P5VC	TN70B
058	P5VC	TN69B
064	P5VC	UN64
074	P5VC	TN3
080	P5VDA	UN58M
088	P5VDB	UN46M
096	P5VD	UN46
104	P5VD	UN59B
112	P5VD	UN59
120	P5VD	TN28
126	P5VD	TN28
132	P5VD	TN28
138	P5VD	TN28
144	P5VD	TN28
150	P5VD	TN28
156	P5VD	TN28
162	P5VD	TN28
178	P5VD	495FA

LEVEL 42 — J1C147BC-1 UNIT (SD-4C097-01)

016	P5VE	495FA
024	P5VE	TN9
028	P5VE	PC33
034	P5VE	PC32
040	P5VE	PC31
046	P5VE	PC30
056	P5VE	TN9
062	P5VE	PC23
068	P5VE	PC22
074	P5VE	PC21
080	P5VE	PC20
088	P5VFA	I/0K
096	P5VFB	I/0K
104	P5VF	I/0
112	P5VF	I/0
120	P5VF	TN28
126	P5VF	TN28
132	P5VF	TN28
138	P5VF	TN28
144	P5VF	TN28
150	P5VF	TN28
156	P5VF	TN28
162	P5VF	TN28
178	P5VF	495FA

LEVEL 55 — J1C147BD-1 UNIT (SD-4C101-01)

016	P5VG	495FA
024	P5VJ	494GA
032	P5VJ	TN9
038	P5VJ	PC13
046	P5VJ	PC12
054	P5VJ	PC11
062	P5VJ	PC10
072	P5VH	TN9
078	P5VH	PC03
086	P5VH	PC02
094	P5VH	PC01
102	P5VH	PC00
110	P5VH	UN25
118	P5VH	UN25
126	P5VH	TN63R
132	P5VH	TN64
138	P5VH	TN64
144	P5VH	TEST
148	P5VH	TN70B
154	P5VH	TN69B
162	P5VH	TN6
178	P5VH	495FA

* CIRCUIT PACK POSITIONS THAT HAVE SEPERATE + 5V POWER SEGMENTS

FIGURE 1

(MFR DISC)
(SEE NOTE 325)

311. (CONT)

(MFR DISC)
(SEE NOTE 325)

J1C158A-1

CP EQL	NET NAME	LUG EQL	CP EQL	NET NAME	LUG EQL
	P5VB			P5VA	07-015T
	P5VB	07-173B		P5VA	07-013B
124	P5VBA	06-175	058	P5VAA	06-013
130	P5VBB	05-175	050	P5VAB	05-015T
			124	P5VBA	05-013C
			130	P5VBB	05-013B
			GRD	GRD04016	05-099
			GRD	GRD04016	02-009

L-1 — J1C147BA-1 (SD-4C098-01)

Q — METAL STRAP

	P5VD	07-175T	080	P5VDA	07-015T
	P5VD	07-173B	088	P5VDA	07-013B
080	P5VDA	06-175	GRD	GRD04016	06-009
088	P5VDB	05-175	GRD	GRD04016	05-009

L-1 — J1C147BB-1 (SD-4C099-01)

V — METAL STRAP

088	P5VFA	07-175T	088	P5VFA	07-013
096	P5VFB	07-173B	096	P5VFB	06-013
	P5VF	06-175	GRD	GRD04016	05-009T
	P5VF	05-175	GRD	GRD04016	05-009B

L-2 — J1C147BC-1 (SD-4C097-01)

L-1 — J1C147BD-1 (SD-4C101-01)

	P5VG	07-014
	P5VG	07-009
	P5VG	06-014T
+5V	P5VG	06-009T
	P5VG	06-014B
	P5VG	06-009B
	GRD04016	05-014T
	GRD04016	05-009T
	GRD04016	05-014B
GRD	GRD04016	05-009B
	GRD04016	03-014
	GRD04016	03-009

REAR VIEW

FIGURE 2

CP POWER ARRANGEMENT 1
BASIC LIST 1 & L2 (J1C147BC-1 GROWTH UNIT) WHEN REQUIRED

COMPUTER SYSTEM		DWG SIZE: 8S	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D20

INFORMATION NOTES: (CONT)

511. (CONT)

(MFR DISC)

(SEE NOTE 523)

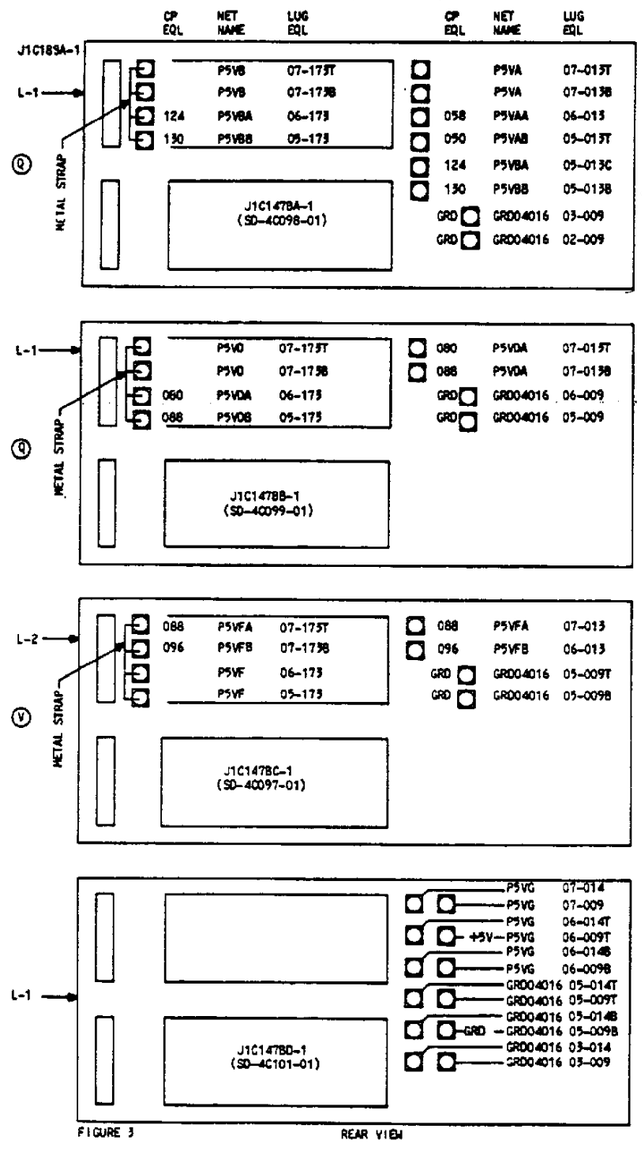


FIGURE 3 REAR VIEW

CP POWER ARRANGEMENT 2
CACHE MEMORY OPTION

511. (CONT)

(MFR DISC)

(SEE NOTE 523)

METAL STRAP P

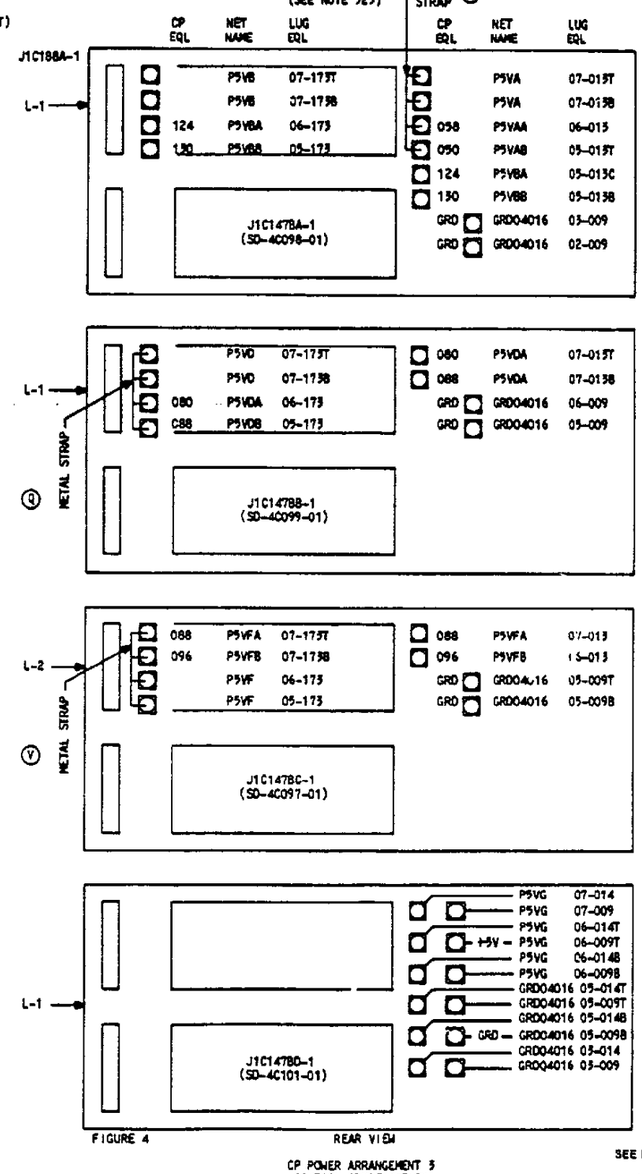


FIGURE 4 REAR VIEW

CP POWER ARRANGEMENT 3
CONTROL STORE OPTION

COMPUTER SYSTEM		DWG SIZE: 6S	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D21

INFORMATION NOTES: (CONT)

311. (CONT)

(MFR DISC)
(SEE NOTE 323)

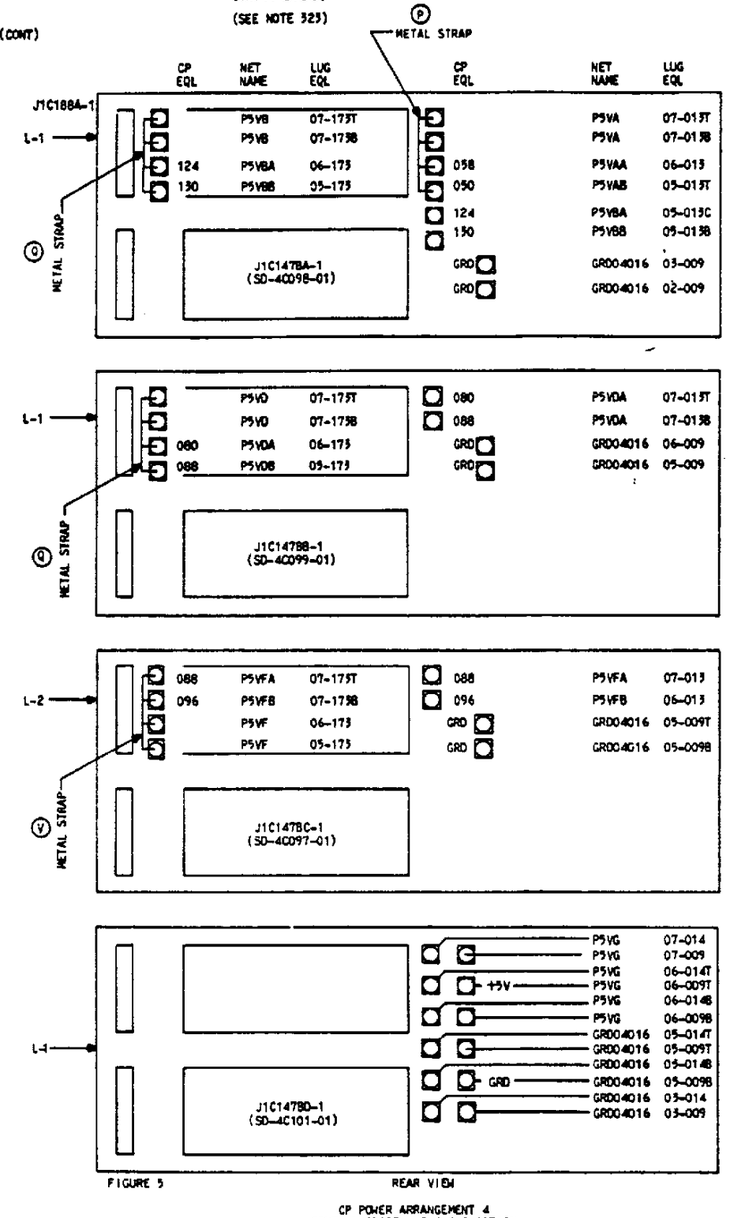


FIGURE 5 REAR VIEW

CP POWER ARRANGEMENT 4
CONTROL STORE AND CACHE OPTION

311. (CONT)

(MFR DISC)
(SEE NOTE 323)

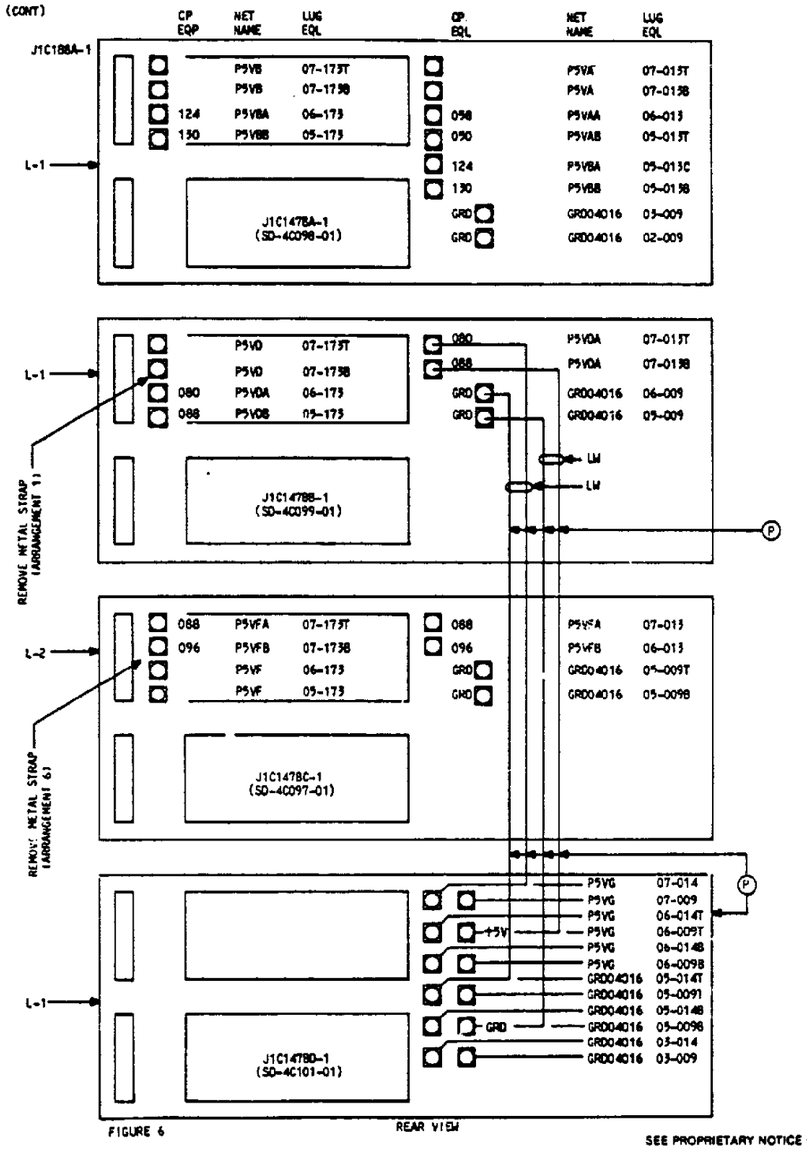


FIGURE 6 REAR VIEW

CP POWER ARRANGEMENT 5
SECOND DMAC AND/OR I/O CHANNEL
EQUIPPING EQL 096 AND/OR 104
IN J1C147BB-1

COMPUTER SYSTEM	DWG SIZE	ISSUE
	6S	12B
AT&T	SD-4C127-01	SHEET 022

INFORMATION NOTES: (CONT)

311. (CONT)

(MFR DISC)

(SEE NOTE 323)

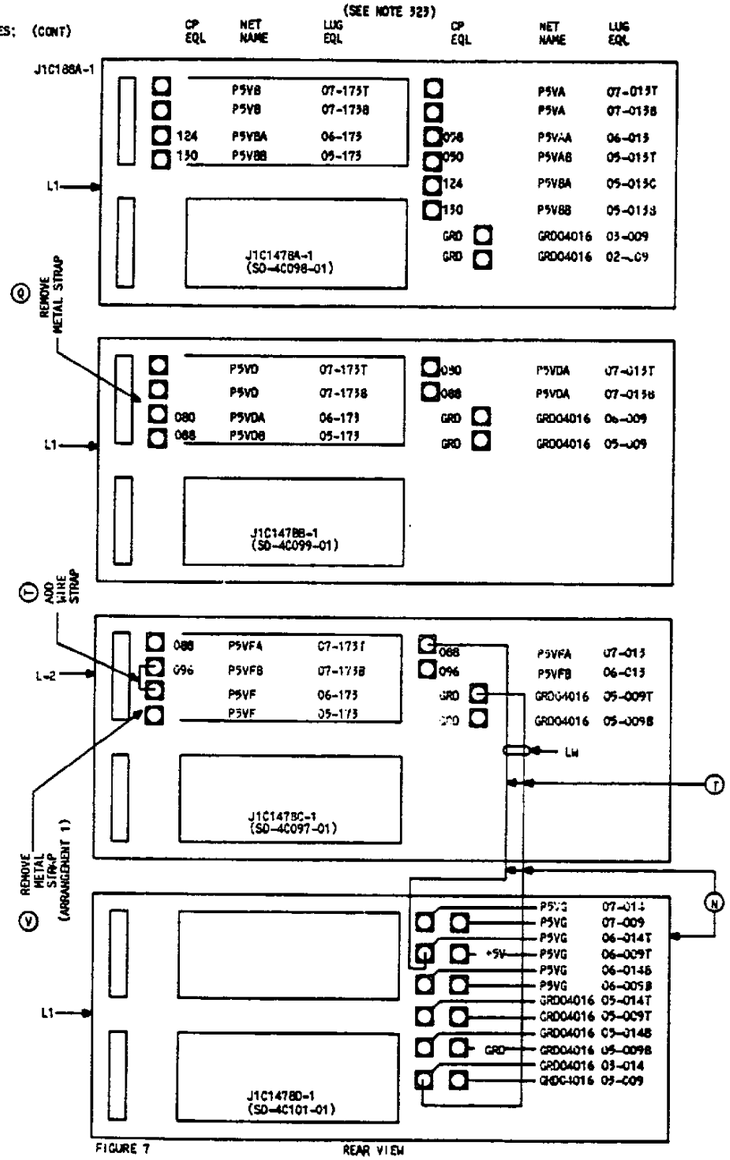


FIGURE 7 REAR VIEW

CP POWER ARRANGEMENT 6
FORTH I@ CHANNEL .X GROWTH UNIT
EQUIPPING EQL 112
IN J1C147BC-1

(MFR DISC)

(SEE NOTE 323)

311. (CONT)

JNIT	FROM		TO		WRG OPTION
CP PWR ARRANGEMENT 1 (BASIC)					
J1C147BB-1 (SD-4C099-01)	CPMDA	04-080-511	CPMD8	04-088-413	K
	CPPDA	04-080-020	CPPD8	04-088-513	
	CPMD8	04-088-413	CPMD	04-096-413	
	CPPD8	04-088-513	CPPD	04-096-513	
J1C147BC-1 (SD-4C097-1)	CPMFA	04-088-511	CPMFB	04-096-511	M
	CPPFA	04-088-020	CPPFB	04-096-020	
	CPMFB	04-096-511	CPMF	04-104-511	
	CPPFB	04-096-020	CPPF	04-104-020	
CP PWR ARRANGEMENT 2 (CACHE MEMORY)					
J1C147BA-1 (SD-4C098-1)	CPMBA	04-124-444	CPMB	04-138-143	Q
	CPPBA	04-124-244	CPPB	04-138-044	
	CPMB8	04-130-444	CPMA	04-078-140	
	CPPB8	04-130-244	CPPA	04-078-039	
CP PWR ARRANGEMENT 3 (CONTROL STORE)					
J1C147BA-1 (SD-4C098-01)	CPMAA	04-058-238	CPMA	04-042-238	P
	CPPAA	04-058-040	CPPA	04-042-040	
	CPMA	04-042-238	CPMAB	04-050-238	
	CPPA	04-042-040	CPPAB	04-050-040	
CP PWR ARRANGEMENT 4 (CACHE MEMORY & CONTROL STORE)					MFR DISC
J1C147BA-1 (SD-4C098-01)	CPMBA	04-124-444	CPMB	04-138-143	J
	CPPBA	04-124-244	CPPB	04-138-044	
	CPMB8	04-130-444	CPMG	04-178-021	
	CPPB8	04-130-244	CPPG	04-178-020	
	CPMAA	04-058-238	CPMA	04-042-238	P
	CPPAA	04-058-040	CPPA	04-042-040	
	CPMA	04-042-238	CPMAB	04-050-238	
	CPPA	04-042-040	CPPAB	04-050-040	
CP PWR ARRANGEMENT 5 (2ND DMAC &/OR I@ CH)					
J1C147BB-1 (SD-4C099-01)	CPMDA	04-080-511	CPMD8	04-088-413	P OMIT R
	CPPDA	04-080-020	CPPD8	04-088-513	
	CPMD8	04-088-413	CPMG	04-178-021	
	CPPD8	04-088-513	CPPG	04-178-020	
CP PWR ARRANGEMENT 6 (4TH I@)					
J1C147BC-1 (SD-4C097-01)	CPMFA	04-088-511	CPMG	04-178-021	T OMIT H
	CPPFA	04-088-020	CPPG	04-178-020	
	CPMFB	04-096-511	CPMF	04-104-511	
	CPPFB	04-096-020	CPPF	04-104-020	

FIGURE 8

CURRENT PROGRAMMING RESISTOR
NET WIRING FOR CP PWR ARRANGEMENTS 1-7
(CONT ON SHT DWBA)

COMPUTER SYSTEM	DWG SIZE 08	ISSUE 12B
AT&T	SD-4C127-01	SHEET D23

INFORMATION NOTES: (CONT)

311. (CONT)

(MFR DISC)

(SEE NOTE 323)

CP PWR ARRANGEMENT 7 (FLOATING POINT AND/OR CACHE MEMORY)					MRG OPTION
UNIT	FROM		TO		
J1C147BA-1	CPMAB	04-050-238	CPMAA	04-058-238	Ⓓ
	CPPAB	04-050-040	CPPAA	04-058-040	
	CPMAA	04-058-238	CPMG	04-178-021	Ⓓ
	CPPAA	04-058-040	CPPG	04-178-020	
	CPMBA	04-124-444	CPMBB	04-130-444	Ⓓ
	CPPBA	04-124-244	CPPBB	04-130-244	
	CPMBB	04-130-444	CPMB	04-138-143	OMIT
	CPPBB	04-130-244	CPPB	04-138-044	Ⓠ

FIGURE 8 (CONT)

CURRENT PROGRAMMING RESISTOR
NET WIRING FOR CP ARRANGEMENTS
1-7 (CONT)

311. (CONT)

(MFR DISC)

(SEE NOTE 323)

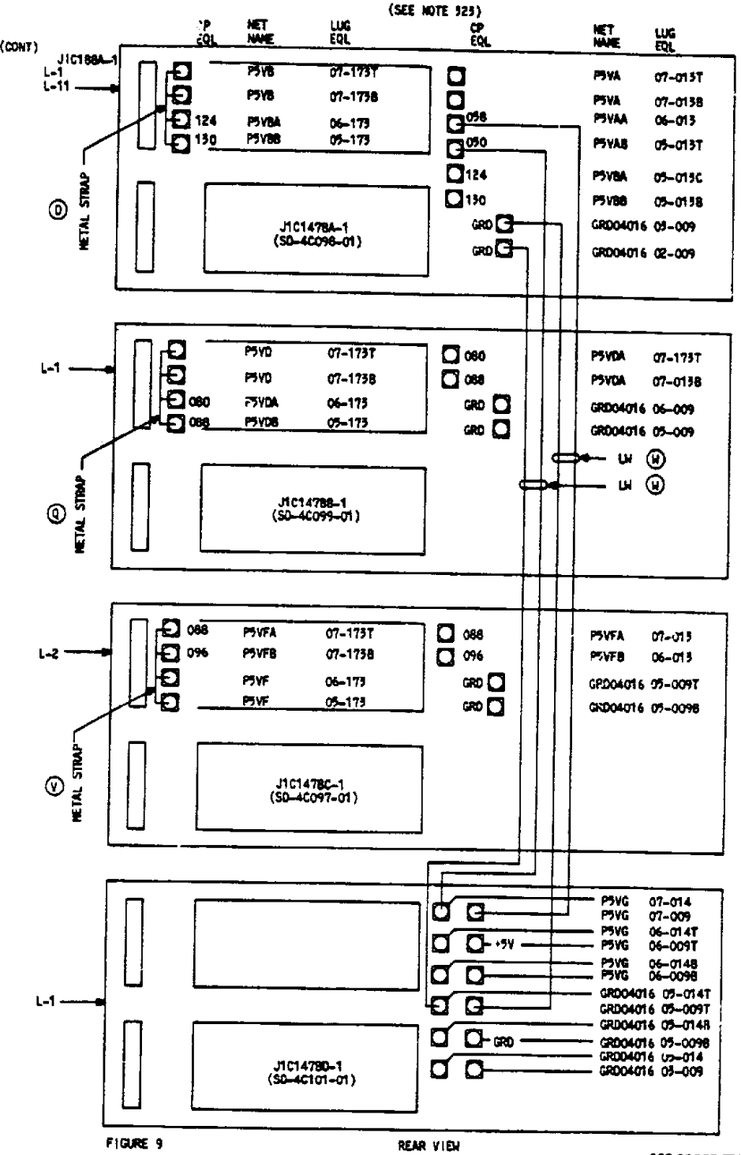


FIGURE 9

REAR VIEW

CP POWER ARRANGEMENT 7
FLOATING POINT AND/OR CACHE
(NOT COMPATIBLE WITH ARRANGEMENT 3)

COMPUTER SYSTEM	DWG SIZE B3	ISSUE 12B
AT&T	SD-4C127-01	SHEET 024

INFORMATION NOTES: (CONT)

312. DC POWER DISTRIBUTION OPTION SUMMARY FOR 3B20D MODEL 3:

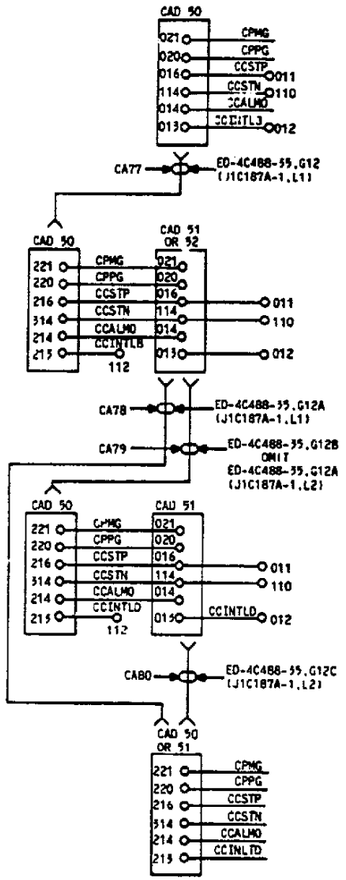
FEATURE OR OPTION			UNIT SD	CAD	BPT	UNIT J DWG	MRG LIST	CAB J DWG	LIST	SYS J DWG	LIST
DC POWER DIST OPTIONS (CP & PROG RES ARR. 1-7 (SEE NOTE 311)	CP PWR ARR. 1 (FIG'S 1,2 & 8)	BASIC	SD-4C099-01	54	J,R	J1C1478B	MC	J1C187A-1	L-1	J1C188A-1	L-1
			SD-4C101-01	54	Q	J1C1478D	MB		L-1		L-1
		GROWTH	SD-4C097-01	54	V,W	J1C1478C	MA		L-2		L-2
	CP PWR ARR. 2 (FIG'S 1,3 & 8)	CACHE MEMORY	SD-4C098-01	52	Q	J1C1478A	MB		L-F		L-600, L-C
	CP PWR ARR. 3 (FIG'S 1,4 & 8)	CONTROL STORE	SD-4C098-01	53	P	J1C1478A	MC		L-G		L-609, L-D
	CP PWR ARR. 4 (FIG'S 1,5 & 8) MFR DISC	CACHE MEMORY & CONTROL STORE	SD-4C098-01			J1C1478A	MD MFR DISC		H MFR DISC		L-E MFR DISC
	CP PWR ARR. 5 (FIG'S 1,6 & 8)	2ND DMA OR IØ CH IN MS/IØ/DFC J1C1478B	SD-4C099-01	55 ONIT 54	P Q,R	J1C1478B	C		D		L-601, &/OR L-604 & L-609, L-F
			SD-4C101-01	55 ONIT 54	P Q	J1C1478D	MD				
	CP PWR ARR. 6 (FIG'S 1, 7 & 8)	4TH IØ CH IN GROWTH UNIT (J1C1478C)	SD-4C097-01	55 ONIT 54	T V,W	J1C1478C	C		E		L-604 & L-609 L-G
			SD-4C101-01	56 ONIT 54	N Q	J1C1478D	E				
	CP PWR ARR. 7 (FIG'S 1,8 & 9)	FLOATING POINT AND/OR CACHE	SD-4C098-01	54 ONIT 52	D Q	J1C1478A-1	D		L		L627 & L609

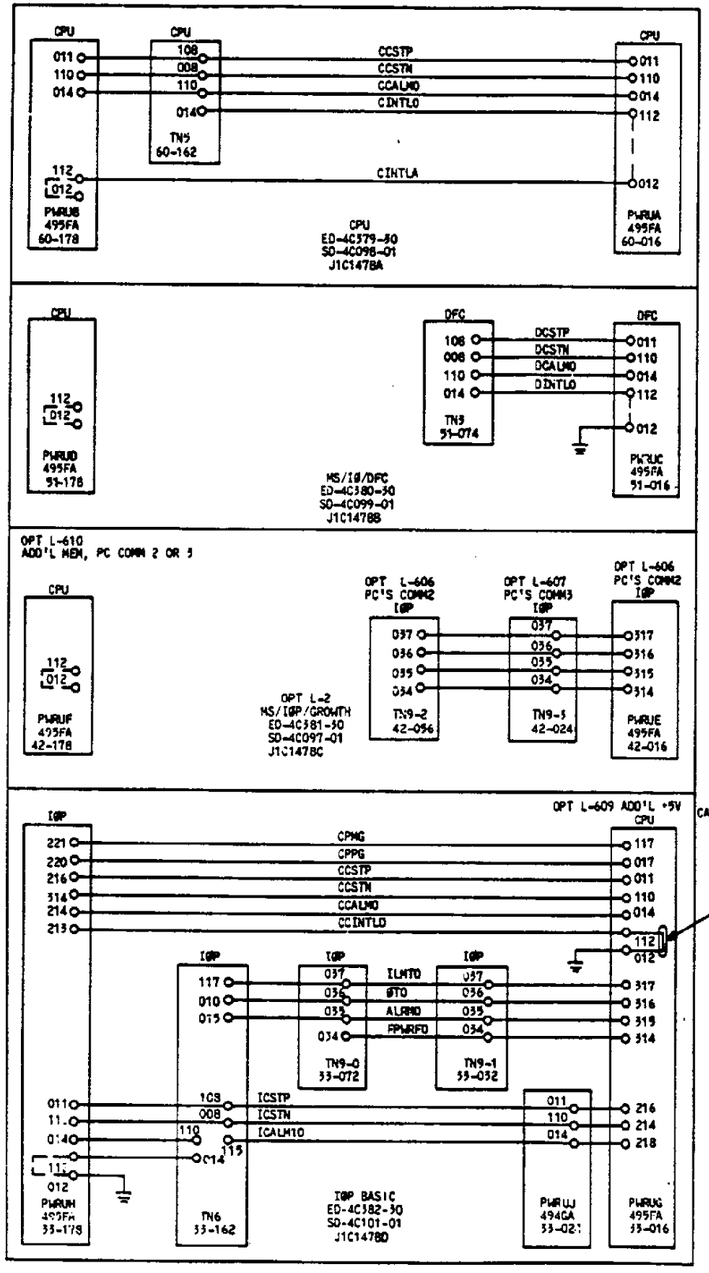
(MFR DISC)
(SEE NOTE 325)

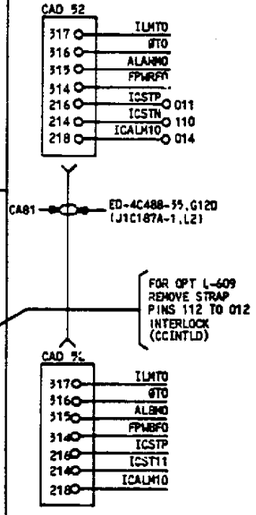
COMPUTER SYSTEN		DWG SIZE	ISSUE
			12B
AT&T	SD-4C127-01		SHEET D25

INFORMATION NOTES: (CONT)

513. 3B20D MODEL 3 POWER CONTROL CABLES AND POWER INTERLOCK CONNECTIONS.







COMPUTER SYSTEM		DWG SIZE	ISSUE
		4S	12B
AT&T	SD-4C127-01		SHEET D26

INFORMATION NOTES: (CONT)

514. SCSD FIXED ASSIGNMENT (BY DMERT) FOR BAY 0 AND 1 (UN33,,CP) PROCESSOR CONTROL CABINET (J1C188A-1). ASSIGNMENT DESIGNATED "*" ARE RESERVED BY DMERT FOR GROWTH.

	0	0	5	4	3	2	1	0	
56									56
55	SC47P	SC47N	SC43P	SC43N	SC39P	SC39N	SC35P	SC35N	55
54	SC46P	SC46N	SC42P	SC42N	SC38P	SC38N	SC34P	SC34N	54
53	SC31P	SC31N	SC23P	SC23N	SC19P	SC19N	SC07P	SC07N	53
52	SC30P	SC30N	SC22P	SC22N	SC14P	SC14N	SC06P	SC06N	52
51	SD31P	SD31N	SD23P	SD23N	SD15P	SD15N	SD07P	SD07N	51
50	SD30P	SD30N	SD22P	SD22N	SD14P	SD14N	SD06P	SD06N	50
49	SC29P	SC29N	SC21P	SC21N	SC13P	SC13N	SC05P	SC05N	49
48	SC28P	SC28N	SC20P	SC20N	SC12P	SC12N	SC04P	SC04N	48
47	SD29P	SD29N	SD21P	SD21N	SD13P	SD13N	SD05P	SD05N	47
46	SD28P	SD28N	SD20P	SD20N	SD12P	SD12N	SD04P	SD04N	46
45	ER	ER	ER	ER	ER	ER	ER	ER	45
44			-48V3	-48R	+12E	+12E	-12E	-12E	44
43									43
42	SC45P	SC45N	SC41P	SC41N	SC37P	SC37N	SC33P	SC33N	42
41	SC44P	SC44N	SC40P	SC40N	SC36P	SC36N	SC32P	SC32N	41
40	SC27P	SC27N	SC19P	SC19N	SC11P	SC11N	SC03P	SC03N	40
39	SC26P	SC26N	SC18P	SC18N	SC10P	SC10N	SC02P	SC02N	39
38	SD27P	SD27N	SD19P	SD19N	SD11P	SD11N	SD03P	SD03N	38
37	SD26P	SD26N	SD18P	SD18N	SD10P	SD10N	SD02P	SD02N	37
36	SC25P	SC25N	SC17P	SC17N	SC09P	SC09N	SC01P	SC01N	36
35	SC24P	SC24N	SC16P	SC16N	SC08P	SC08N	SC00P	SC00N	35
34	SD25P	SD25N	SD17P	SD17N	SD09P	SD09N	SD01P	SD01N	34
33	SD24P	SD24N	SD16P	SD16N	SD08P	SD08N	SD00P	SD00N	33
32	ER	ER	ER	ER	ER	ER	ER	ER	32
	0	0	5	4	3	2	1	0	

04-095 55-095 TERM - FIELD

04-092 55-092

04-086 55-086 UNISYS CP

UNIT EQL

FRAME

J1C187A-1 BAY 0
SCSD FIELD 0

	0	0	5	4	3	2	1	0	
56									56
55									55
54					PORT SW R&P				54
53	FAN ALM 0		DISK DRIVE 2 *				IOP 2 *		53
52									52
51									51
50									50
49	ALM		ALM SEE TABLE A		ALM		DISK DRIVE 4 *		49
48									48
47									47
46									46
45									45
44									44
45	PD 0								45
42					PORT SW MTTY				42
41									41
40	DISK DRIVE 8 *		DISK DRIVE 0				CU0		40
39									39
38									38
37									37
36	DISK DRIVE 6 *		DFC 0		IOP 1		DISK DRIVE 10 *		36
35									35
34									34
33									33
32									32
	0	0	5	4	3	2	1	0	

J1C187A-1 BAY 1
SCSD FIELD 1

	0	0	5	4	3	2	1	0	
56									56
55									55
54									54
53	FAN ALM 1		DISK DRIVE 3 *		IOP 3 *				53
52									52
51									51
50									50
49	ALM		ALM SEE TABLE A		ALM		DISK DRIVE 5 *		49
48									48
47									47
46									46
45									45
44									44
43	PD 1 *								43
42									42
41									41
40	DISK DRIVE 1		DISK DRIVE 9 *		CU1		FAN ALM 2 *		40
39									39
38									38
37									37
36	DFC 1		DISK DRIVE 7 *		DISK DRIVE 11 *		IOP 0		36
35									35
34									34
33									33
32									32
	0	0	5	4	3	2	1	0	

TABLE A (SEE NOTE 515)

SYSTEM ALARM ASSIGNMENTS	
SCAN POINT	ASSIGN TO
12	CRITICAL ALM
15	MAJOR ALM
20	MINOR ALM
21	SYSTEM ALM
28	ALM RETIRE
29	UNASSIGNED

COMPUTER SYSTEM		DWG SIZE	ISSUE
		6S	12B
AT&T	SD-4C127-01		SHEET D27

INFORMATION NOTES: (CONT)

314. (CONT)

	0	0	5	4	3	2	1	0	
56									56
55	SC47P	SC47N	SC43P	SC43N	SC39P	SC39N	SC35P	SC35N	55
54	SC46P	SC46N	SC42P	SC42N	SC38P	SC38N	SC34P	SC34N	54
53	SC31P	SC31N	SC23P	SC23N	SC15P	SC15N	SC07P	SC07N	53
52	SC30P	SC30N	SC22P	SC22N	SC14P	SC14N	SC06P	SC06N	52
51	SD31P	SD31N	SD23P	SD23N	SD15P	SD15N	SD07P	SD07N	51
50	SD30P	SD30N	SD22P	SD22N	SD14P	SD14N	SD06P	SD06N	50
49	SC29P	SC29N	SC21P	SC21N	SC13P	SC13N	SC05P	SC05N	49
48	SC28P	SC28N	SC20P	SC20N	SC12P	SC12N	SC04P	SC04N	48
47	SD29P	SD29N	SD21P	SD21N	SD13P	SD13N	SD05P	SD05N	47
46	SD28P	SD28N	SD20P	SD20N	SD12P	SD12N	SD04P	SD04N	46
45	ER	ER	ER	ER	ER	ER	ER	ER	45
44			-48V3	-48R	+12E	+12E	-12E	-12E	44
43									43
42	SC45P	SC45N	SC41P	SC41N	SC37P	SC37N	SC33P	SC33N	42
41	SC44P	SC44N	SC40P	SC40N	SC36P	SC36N	SC32P	SC32N	41
40	SC27P	SC27N	SC19P	SC19N	SC11P	SC11N	SC03P	SC03N	40
39	SC26P	SC26N	SC18P	SC18N	SC10P	SC10N	SC02P	SC02N	39
38	SD27P	SD27N	SD19P	SD19N	SD11P	SD11N	SD03P	SD03N	38
37	SD26P	SD26N	SD18P	SD18N	SD10P	SD10N	SD02P	SD02N	37
36	SC25P	SC25N	SC17P	SC17N	SC09P	SC09N	SC01P	SC01N	36
35	SC24P	SC24N	SC16P	SC16N	SC08P	SC08N	SC00P	SC00N	35
34	SD25P	SD25N	SD17P	SD17N	SD09P	SD09N	SD01P	SD01N	34
33	SD24P	SD24N	SD16P	SD16N	SD08P	SD08N	SD00P	SD00N	33
32	ER	ER	ER	ER	ER	ER	ER	ER	32
	0	0	5	4	3	2	1	0	

04-101 33-101 TERM - 04-100 33-100 FIELD

04-094 04-094 UN55B CP

← UNIT EQL
← FRAME

J1C187A-1 BAY 0
SCSD FIELD 2

	0	0	5	4	3	2	1	0	
56									56
55									55
54									54
53									53
52	DISK DRIVE 12 *		DISK DRIVE 14 *		DISK DRIVE 16 *		DISK DRIVE 18 *		52
51									51
50									50
49									49
48	DISK DRIVE 20 *		DISK DRIVE 22 *		DISK DRIVE 24 *		DISK DRIVE 26 *		48
47									47
46									46
45									45
44									44
43									43
42									42
41									41
40									40
39	DISK DRIVE 28 *		DISK DRIVE 30 *		FAN ALM 4 *		IOP 4 *		39
38									38
37									37
36									36
35	IOP 6 *		DFC 2 *						35
34									34
33									33
32									32
	0	0	5	4	3	2	1	0	

J1C187A-1 BAY 1
SCSD FIELD 3

	0	0	5	4	3	2	1	0	
56									56
55									55
54									54
53									53
52	DISK DRIVE 13 *		DISK DRIVE 15 *		DISK DRIVE 17 *		DISK DRIVE 19 *		52
51									51
50									50
49									49
48	DISK DRIVE 21 *		DISK DRIVE 23 *		DISK DRIVE 25 *		DISK DRIVE 27 *		48
47									47
46									46
45									45
44									44
43									43
42									42
41									41
40									40
39	DISK DRIVE 29 *		DISK DRIVE 31 *		FAN ALM 5 *		IOP 5 *		39
38									38
37									37
36									36
35	IOP 7 *		DFC 3 *						35
34									34
33									33
32									32
	0	0	5	4	3	2	1	0	

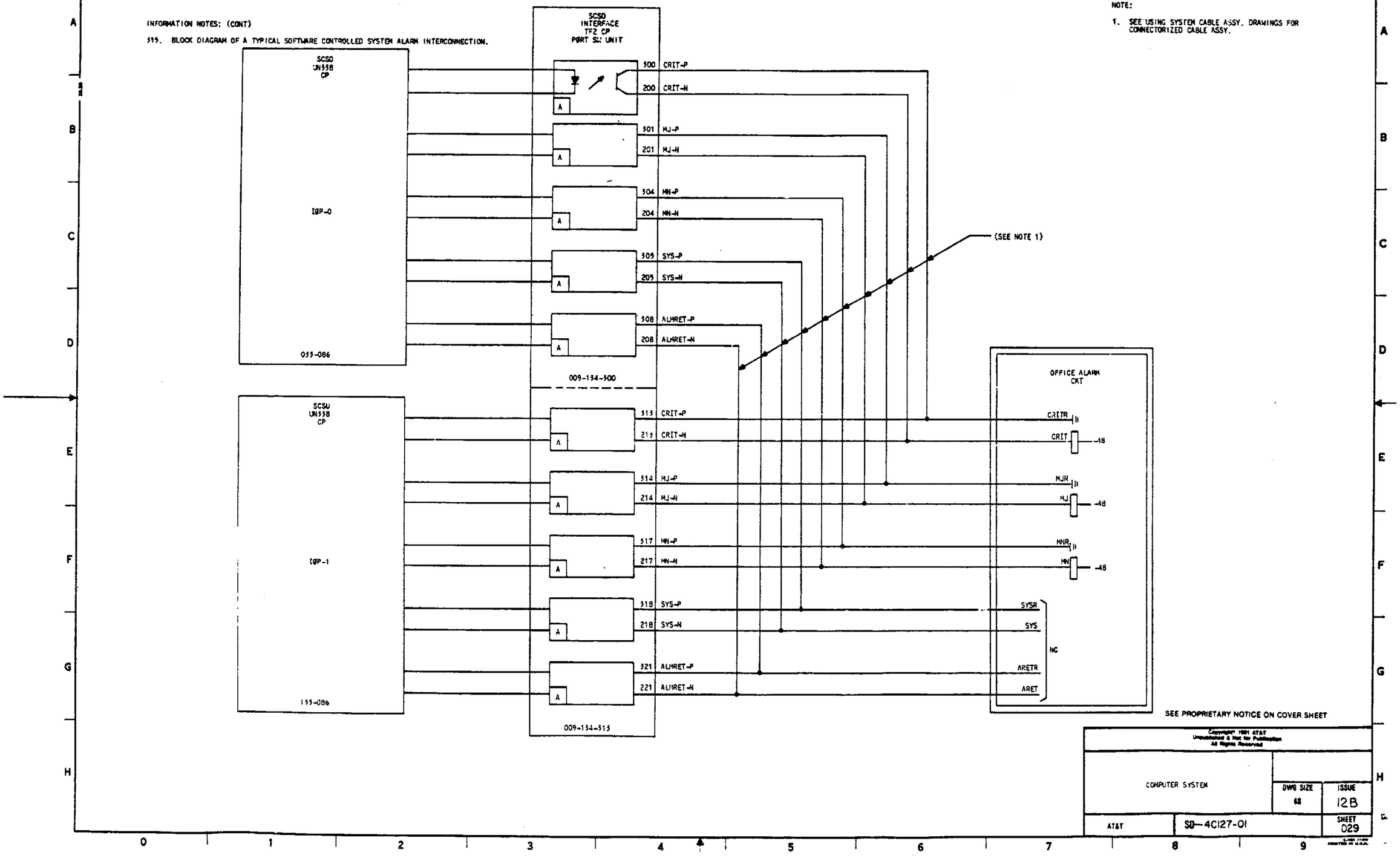
COMPUTER SYSTEM		DWG SIZE B3	ISSUE 12B
AT&T	SD-4C127-01		SHEET D28

INFORMATION NOTES: (CONT)

519. BLOCK DIAGRAM OF A TYPICAL SOFTWARE CONTROLLED SYSTEM ALARM INTERCONNECTION.

NOTE:

1. SEE USING SYSTEM CABLE ASSY. DRAWINGS FOR CONNECTORIZED CABLE ASSY.

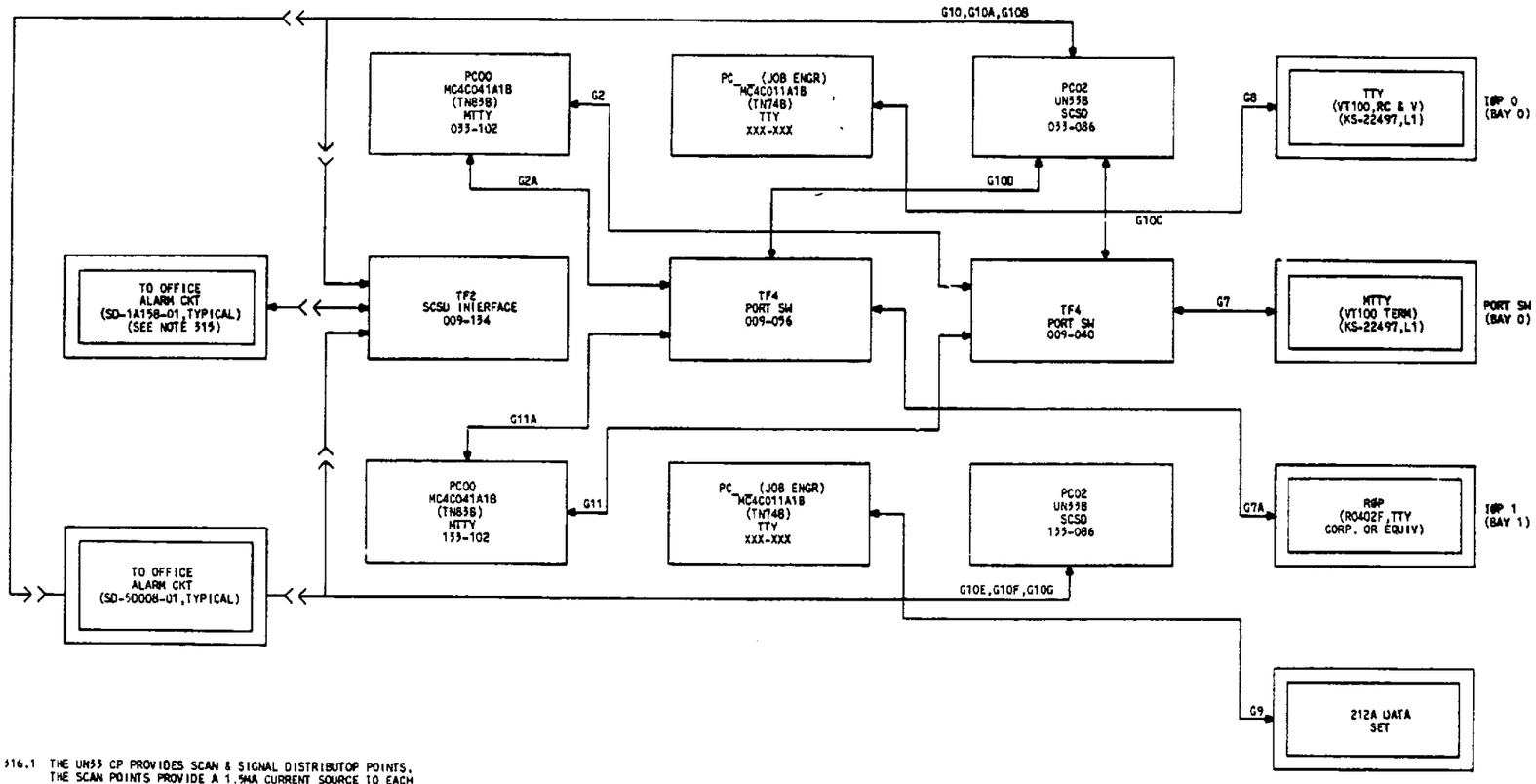


SEE PROPRIETARY NOTICE ON COVER SHEET

COMPUTER SYSTEM	DWG SIZE: 4S	ISSUE: 12B
AT&T	SD-4C127-01	SHEET: 029

INFORMATION NOTES: (CONT)

316. BLOCK DIAGRAM OF MAINTENANCE & CONTROL PORTION OF I@P 0 & 1 (PC00, & 02) & PORT SWITCH UNIT. CABLING INFORMATION IS SHOWN IN ED-4C489-35 AND NOTES 318 & 319.



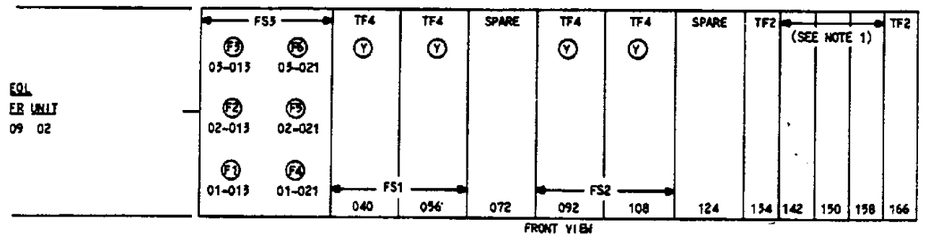
316.1 THE UN55 CP PROVIDES SCAN & SIGNAL DISTRIBUTOP POINTS. THE SCAN POINTS PROVIDE A 1.5MA CURRENT SOURCE TO EACH ISOLATED SCAN POINT CLOSURE. POLARITY MUST BE OBSERVED. SIGNAL DISTRIBUTOR POINTS PROVIDE A NOMINAL 6.5MA @ 6 VOLTS TO THE USER DEVICE VIA OPTICAL ISOLATOR TRANSISTORS. POLARITY MUST BE OBSERVED.

316.2 THE TF2 CP IS AN ISOLATOR CIRCUIT BETWEEN THE UN55 AND THE OUTSIDE WORLD. THE USER SCAN POINTS MUST PROVIDE A CURRENT SOURCE BETWEEN 1 AND 20MA. THIS WILL, IN TURN, CAUSE AN ISOLATED SCAN CLOSURE TO THE UN55 SCANNER. OBSERVE POLARITY. THE ISOLATED SIGNAL DISTRIBUTOR DRIVER WILL PROVIDE A TRANSISTOR CLOSURE CAPABLE OF 20MA CURRENT @ A MAX VOLTAGE OF 56 VOLTS (USER PROVIDED). OBSERVE POLARITY.

COMPUTER SYSTEM		DWG SIZE: 8S	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D30

INFORMATION NOTES: (CONT)

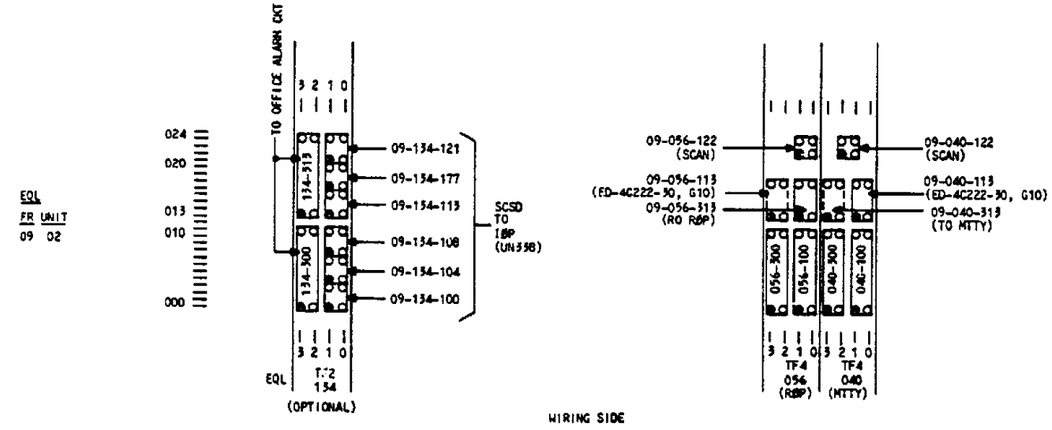
317. LISTED BELOW IS A FRONT VIEW OF PORT SWITCH UNIT PER SD-4C065-01 (J1C130BC-1) & A PARTIAL REAR VIEW OF MLPWB SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE).



FRONT VIEW

NOTES:

1. TF2 CP IS AN OPTIONAL SCSD INTERFACE USED BETWEEN 9820D PROCESSOR AND CUSTOMER EQUIPMENT. TF2 CP AT EQL 134, 142, 150, 158 OR 166 IS JOB ENGINEERED & IS FURNISHED PER LIST 616, IN THE SYSTEM DRAWING PER J1C188A-1. (SEE NOTE 316.2)



WIRING SIDE

COMPUTER SYSTEM		DWG SIZE: B	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D31

INFORMATION NOTES: (CONT)

318. LISTED BELOW IS A SUMMARY OF 3B20D MODEL 5 COMPUTER SYSTEM CABINET INTRAFRAME CABLING.

FROM							TO					
TITLE (FUNCTION)		CAD	CA. NO.	CABLE DESIG	EQL	UNIT SD	CAD	EQL	UNIT SD	CABLING ASSY DWG	COMMENTS
PROCESSOR CABINET	POWER CONTROL CABLES	50	CA77	ZA51	(0,1)60-178-113	SD-4C098-01	50	(0,1)51-178-313	SD-4C099-01	ED-4C488-35,G12	SEE NOTE 313
		51	CA78	ZA52	(0,1)51-178-113	SD-4C099-01	50	(0,1)33-178-313	SD-4C101-01	ED-4C488-35,G12A	
		52	CA79	ZA33	(0,1)51-178-113	SD-4C099-01	50	(0,1)42-178-313	SD-4C097-01	ED-4C488-35,G12B	
		51	CA80	ZA34	(0,1)42-178-113	SD-4C097-01	51	(0,1)33-178-313	SD-4C101-01	ED-4C488-35,G12C	
		52	CA81	ZA35	(0,1)42-016-313	SD-4C097-01	52	(0,1)33-016-313	SD-4C101-01	ED-4C488-35,G12D	
	-48 VOLT POWER DISTRIBUTION	50		CPU1	(0,1)68-072-TB2-9	SD-4C102-01	51	(0,1)57-008T-005	SD-4C098-01	ED-4C405-10,G23	LW
		50			(0,1)68-072-TB2-10	SD-4C102-01	51	(0,1)57-0088-001	SD-4C098-01	ED-4C405-10,G23	
		50		CPU2	(0,1)68-072-TB2-11	SD-4C102-01	51	(0,1)57-176T-005	SD-4C098-01	ED-4C405-10,G24	
		50			(0,1)68-072-TB2-12	SD-4C102-01	51	(0,1)57-176B-001	SD-4C098-01	ED-4C405-10,G24	
		50		CPU3	(0,1)68-116-TB3-1	SD-4C102-01	51	(0,1)57-168T-005	SD-4C098-01	ED-4C405-10,G25	
		50			(0,1)68-116-TB3-2	SD-4C102-01	51	(0,1)57-1688-001	SD-4C098-01	ED-4C405-10,G25	
		50		CPU4	(0,1)68-116-583-3	SD-4C102-01	55	(0,1)48-175-004	SD-4C099-01	ED-4C405-10,G26	
		50			(0,1)68-116-TB3-4	SD-4C102-01	55	(0,1)47-175-000	SD-4C099-01	ED-4C405-10,G26	
		50		DFC1	(0,1)68-072-TB2-1	SD-4C102-01	55	(0,1)48-008-004	SD-4C099-01	ED-4C405-10,G37	
		50			(0,1)68-072-TB2-2	SD-4C102-01	55	(0,1)47-008-000	SD-4C099-01	ED-4C405-10,G37	
		50		DFC2	(0,1)68-072-TB2-3	SD-4C102-01	55	(0,1)49-008T-014	SD-4C099-01	ED-4C405-10,G38	
		50			(0,1)68-072-TB2-4	SD-4C102-01	55	(0,1)49-0088-010	SD-4C097-01	ED-4C405-10,G38	
		50		CPU5	(0,1)68-116-TB3-5	SD-4C102-01	55	(0,1)39-175-008	SD-4C097-01	ED-4C405-10,G27	
		50			(0,1)68-116-TB3-6	SD-4C102-01	55	(0,1)38-175-000	SD-4C097-01	ED-4C405-10,G27	
		50		IOP1	(0,1)68-116-TB3-9	SD-4C102-01	55	(0,1)39-008T-004	SD-4C097-01	ED-4C405-10,G29	
		50			(0,1)68-116-TB3-10	SD-4C102-01	55	(0,1)39-0088-001	SD-4C097-01	ED-4C405-10,G29	
		50		IOP2	(0,1)68-116-TB3-11	SD-4C102-01	55	(0,1)40-008T-012	SD-4C097-01	ED-4C405-10,G30	
		50			(0,1)68-116-TB3-12	SD-4C102-01	55	(0,1)40-0088-009	SD-4C097-01	ED-4C405-10,G30	
		50		IOP3	(0,1)68-160-TB4-1	SD-4C102-01	55	(0,1)41-008T-020	SD-4C097-01	ED-4C405-10,G31	
		50			(0,1)68-160-TB4-2	SD-4C102-01	55	(0,1)41-0088-017	SD-4C097-01	ED-4C405-10,G31	
		50		CPU6	(0,1)68-116-TB3-7	SD-4C102-01	55	(0,1)30-013T-005	SD-4C101-01	ED-4C405-10,G28	
		50			(0,1)68-116-TB3-8	SD-4C102-01	55	(0,1)30-013B-001	SD-4C101-01	ED-4C405-10,G28	
		50		IOP4	(0,1)68-160-TB4-3	SD-4C102-01	55	(0,1)32-007T-022	SD-4C101-01	ED-4C405-10,G32	
		50			(0,1)68-160-TB4-4	SD-4C102-01	55	(0,1)32-007B-018	SD-4C101-01	ED-4C405-10,G32	
		50		IOP5	(0,1)68-160-TB4-5	SD-4C102-01	55	(0,1)30-007T-005	SD-4C101-01	ED-4C405-10,G33	
		50			(0,1)68-160-TB4-6	SD-4C102-01	55	(0,1)30-007B-001	SD-4C101-01	ED-4C405-10,G33	
		50		IOP6	(0,1)68-160-TB4-7	SD-4C102-01	55	(0,1)30-175T-005	SD-4C101-01	ED-4C405-10,G34	
		50			(0,1)68-160-TB4-8	SD-4C102-01	55	(0,1)30-175B-001	SD-4C101-01	ED-4C405-10,G34	
		50		IOP7	(0,1)68-160-TB4-9	SD-4C102-01	55	(0,1)30-169T-005	SD-4C101-01	ED-4C405-10,G35	
		50			(0,1)68-160-TB4-10	SD-4C102-01	55	(0,1)30-1698-001	SD-4C101-01	ED-4C405-10,G35	
		50		IOP8	(0,1)68-160-TB4-11	SD-4C102-01	55	(0,1)31-007T-014	SD-4C101-01	ED-4C405-10,G36	
		50			(0,1)68-160-TB4-12	SD-4C102-01	55	(0,1)31-007B-010	SD-4C101-01	ED-4C405-10,G36	
		50		FAN1	(0,1)68-028-TB1-1	SD-4C102-01	FIGE	(0,1)21-013-1	ED-4C387-30	ED-4C405-10,G39	
		50			(0,1)68-028-TB1-2	SD-4C102-01	FIGE	(0,1)24-013-1	ED-4C387-30	ED-4C405-10,G39	
		50		FAN2	(0,1)63-028-TB1-3	SD-4C102-01	FIGE	(0,1)21-017-1	ED-4C387-30	ED-4C405-10,G40	
		50			(0,1)68-028-TB1-4	SD-4C102-01	FIGE	(0,1)24-017-1	ED-4C387-30	ED-4C405-10,G40	
		50		FAN5	(0,1)68-028-TB1-5	SD-4C102-01	FIGE	(0,1)21-106-1	ED-4C387-30	ED-4C405-10,G41	
		50			(0,1)68-028-TB1-6	SD-4C102-01	FIGE	(0,1)24-106-1	ED-4C387-30	ED-4C405-10,G41	
		50		FAN4	(0,1)68-028-TB1-7	SD-4C102-01	FIGE	(0,1)21-110-1	ED-4C387-30	ED-4C405-10,G42	
		50			(0,1)68-028-TB1-8	SD-4C102-01	FIGE	(0,1)24-110-1	ED-4C387-30	ED-4C405-10,G42	
		50		FCL1	(0,1)68-028-TB1-9	SD-4C102-01	FIGE	(0,1)21-021-1	ED-4C387-30	ED-4C405-10,G43	
		50			(0,1)68-028-TB1-10	SD-4C102-01	FIGE	(0,1)24-021-1	ED-4C387-30	ED-4C405-10,G43	
		50		FCL2	(0,1)68-028-TB1-11	SD-4C102-01	FIGE	(0,1)21-114-1	ED-4C387-30	ED-4C405-10,G44	
		50			(0,1)68-028-TB1-12	SD-4C102-01	FIGE	(0,1)24-114-1	ED-4C387-30	ED-4C405-10,G44	
		51		PORT SW	070-166-N48VJ	SD-4C102-01	2	009-013R-7R	SD-4C065-01	ED-5A079-30,G10	
		51			070-166-48RJ	SD-4C102-01	2	009-021R-3	SD-4C065-01	ED-5A079-30,G10	LW
	-48 VOLT POWER CABLES	-		3B NET PWR	067-72-TB2-7 & 8R	SD-4C102-01	-	LEVEL 3 POS 7	PATCH PLATE	ED-4C271-36,G27F	
	BUS CABLES	-		3B NET PWR	42-096-345	SD-4C097-01	-	LEVEL 3 POS 7	PATCH PLATE	ED-4C271-36,G27D	
		-			42-096-545		-			ED-4C271-36,G27E	

COMPUTER SYSTEN	DWG SIZE 88	ISSUE 12B
AT&T SD-4C127-01		SHEET D32

INFORMATION NOTES: (CONT)

518. (CONT)

			FROM				TO				
TITLE (FUNCTION)		CAD	CA.NO.	CABLE DESIG	EQL	UNIT SD	CAD	EQL	UNIT SD	CABLING ASSY.DWG.	COMMENTS
PROCESSOR CABINET (CONT)	3B NET TAPE CABLES FOR DMAC 1		CA1	DMAC 1	(0,1)42-096-145	SD-4C097-01		(0,1)42-088-545	SD-4C097-01	ED-4C404-10,G11	SEE NOTE 109
			CA2	DMAC 1	(0,1)42-096-132	SD-4C097-01		(0,1)42-088-532	SD-4C097-01	ED-4C404-10,G11	
			CA3	DMAC 1	(0,1)42-134-132	SD-4C097-01		(0,1)42-096-332	SD-4C097-01	ED-4C404-10,G11	
			CA4	DMAC 1	(0,1)42-104-345	SD-4C097-01		(0,1)42-088-345	SD-4C097-01	ED-4C404-10,G11	
			CA5	DMAC 1	(0,1)42-104-332	SD-4C097-C1		(0,1)42-088-332	SD-4C097-01	ED-4C404-10,G11	
			CA6	DMAC 1	(0,1)42-104-545	SD-4C097-01		(0,1)42-088-145	SD-4C097-01	ED-4C404-10,G11	
			CA7	DMAC 1	(0,1)42-104-532	SD-4C097-01		(0,1)42-088-132	SD-4C097-01	ED-4C404-10,G11	
	3B NET TAPE CABLES FOR DMAC 0		CA1	DMAC 0	(0,1)42-096-145	SD-4C097-01		(0,1)42-088-545	SD-4C097-01	ED-4C404-10,G11	SEE NOTE 109
			CA2	DMAC 0	(0,1)42-096-132	SD-4C097-01		(0,1)42-088-532	SD-4C097-01	ED-4C404-10,G11	
			CA3	DMAC 0	(0,1)51-104-132	SD-4C097-01		(0,1)42-096-332	SD-4C097-01	ED-4C404-10,G12	
			CA4	DMAC 0	(0,1)51-104-345	SD-4C097-01		(0,1)42-088-345	SD-4C097-01	ED-4C404-10,G12	
			CA5	DMAC 0	(0,1)51-104-332	SD-4C097-01		(0,1)42-088-332	SD-4C097-01	ED-4C404-10,G12	
			CA6	DMAC 0	(0,1)51-104-545	SD-4C097-01		(0,1)42-088-145	SD-4C097-01	ED-4C404-10,G12	
			CA7	DMAC 0	(0,1)51-104-532	SD-4C097-01		(0,1)42-088-132	SD-4C097-01	ED-4C404-10,G12	
	STORE CONTROL CABLES	100	CA10	SC1	(0,1)60-152-032	SD-4C098-01	101	(0,1)51-118-013	SD-4C099-01	ED4C404-10,G1 (NON-VLMM) OR ED4C561-45,G16 (VLMM)	FLEX TAPE CA
			CA11	SC2	(0,1)60-152-045	SD-4C098-01		(0,1)51-118-032	SD-4C099-01		
			CA12	SC3	(0,1)60-152-000	SD-4C098-01		(0,1)51-118-000	SD-4C099-01		
			CA13	SC4	(0,1)60-152-013	SD-4C098-01		(0,1)51-118-045	SD-4C099-01		
			CA14	SC5	(0,1)60-146-000	SD-4C098-01		(0,1)51-112-000	SD-4C099-01		
			CA15	SC6	(0,1)60-146-045	SD-4C098-01		(0,1)51-112-032	SD-4C099-01		
			CA16	SC7	(0,1)60-146-013	SD-4C098-01		(0,1)51-112-045	SD-4C099-01		
			CA17	SC8	(0,1)60-146-032	SD-4C098-01		(0,1)51-112-013	SD-4C099-01		
	DIRECT MEMORY ACCESS CABLES	102	CA18	DMA1	(0,1)60-065-000	SD-4C098-01	103	(0,1)51-071-000	SD-4C099-01		
			CA19	DMA2	(0,1)60-065-013	SD-4C098-01		(0,1)51-071-013	SD-4C099-01	ED-4C404-10,G2	
			CA20	DMA3	(0,1)60-065-032	SD-4C098-01		(0,1)51-071-032	SD-4C099-01	ED-4C404-10,G2	
			CA21	DMA4	(0,1)60-065-045	SD-4C098-01		(0,1)51-071-045	SD-4C099-01	ED-4C404-10,G2	
			CA22	DMA5	(0,1)60-091-000	SD-4C098-01		(0,1)51-073-000	SD-4C099-01	ED-4C404-10,G3	
			CA23	DMA6	(0,1)60-091-013	SD-4C098-01		(0,1)51-073-013	SD-4C099-01	ED-4C404-10,G3	
			CA24	DMA7	(0,1)60-091-032	SD-4C098-01		(0,1)51-073-032	SD-4C099-01	ED-4C404-10,G3	
			CA25	DMA8	(0,1)60-091-045	SD-4C098-01		(0,1)51-073-045	SD-4C099-01	ED-4C404-10,G3	
	MEMORY EXTENSION CABLES	104	CA26	ME1	(0,1)51-131-000	SD-4C099-01	105	(0,1)42-131-000	SD-4C097-01		
			CA27	ME2	(0,1)51-131-013	SD-4C099-01		(0,1)42-131-013	SD-4C097-01	ED-4C404-10,G4 (NON-VLMM) OR ED-4C561-45,G17 (VLMM)	
			CA28	ME3	(0,1)51-131-032	SD-4C099-01		(0,1)42-131-032	SD-4C097-01		
			CA29	ME4	(0,1)51-131-045	SD-4C099-01		(0,1)42-131-045	SD-4C097-01		
			CA30	ME5	(0,1)51-125-000	SD-4C099-01		(0,1)42-125-000	SD-4C097-01		
			CA31	ME6	(0,1)51-125-013	SD-4C099-01		(0,1)42-125-013	SD-4C097-01		
			CA32	ME7	(0,1)51-125-032	SD-4C099-01		(0,1)42-125-032	SD-4C097-01		
			CA33	ME8	(0,1)51-125-045	SD-4C099-01		(0,1)42-125-045	SD-4C097-01		

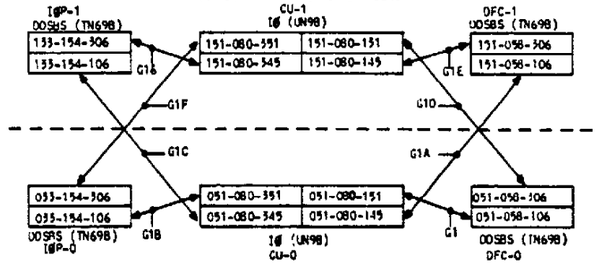
INFORMATION NOTES: (CONT)

318. (CONT)

TITLE (FUNCTION)		FROM CAD	FROM CA NO.	FROM CA DESIG	FROM EQL	FROM UNIT SD	TO CAD	TO EQL	TO UNIT SD	CA ASSY DWG	COMMENTS
PROCESSOR CABINET (CONT)	PERIPHERAL CONTROL CABLES	106	CA34	PC1	(0,1) 42-061-000	SD-4C097-01	107	(0,1) 33-077-013	SD-4C101-01	ED-4C404-10,G9	FLEX TYPE CA.
			CA35	PC2	(0,1) 42-061-013	SD-4C097-01		(0,1) 33-077-032	SD-4C101-01	ED-4C404-10,G5	
			CA36	PC3	(0,1) 42-061-032	SD-4C097-01		(0,1) 33-077-045	SD-4C101-01	ED-4C404-10,G5	
			CA37	PC4	(0,1) 42-055-000	SD-4C097-01		(0,1) 33-071-013	SD-4C101-01	ED-4C404-10,G6	
			CA38	PC5	(0,1) 42-055-013	SD-4C097-01		(0,1) 33-071-032	SD-4C101-01	ED-4C404-10,G6	
			CA39	PC6	(0,1) 42-055-032	SD-4C097-01		(0,1) 33-071-045	SD-4C101-01	ED-4C404-10,G6	
	MAIN STORE UPDATE CABLES	108	CA40	SU1	160-146-200	SD-4C098-01	109	060-146-200	SD-4C098-01	ED4C273-10,G11 (NON-VLHM) OR ED4C273-10,G13 (VLHM)	
			CA41	SU2	160-146-400	SD-4C098-01		060-146-400	SD-4C098-01		
			CA42	SU3	160-146-413	SD-4C098-01		060-146-413	SD-4C098-01		
			CA43	SU4	160-146-232	SD-4C098-01		060-146-232	SD-4C098-01		
			CA44	SU5	160-146-432	SD-4C098-01		060-146-432	SD-4C098-01		
			CA45	SU6	160-146-245	SD-4C098-01		060-146-245	SD-4C098-01		
			CA46	SU7	160-146-445	SD-4C098-01		060-146-445	SD-4C098-01		
	I@ CABLES BETWEEN DSCH & DOSBS	103	CA56	ZA1	051-058-106	SD-4C099-01	104	051-080-151	SD-4C099-01	ED-4C488-35,G1	SEE SK-A
		105	CA57	ZA2	151-058-106	SD-4C099-01	106	051-080-145	SD-4C099-01	ED-4C488-35,G1A	
		101	CA60	ZA3	033-154-106	SD-4C101-01	107	051-080-351	SD-4C099-01	ED-4C488-35,G1B	
		102	CA61	ZA4	133-154-106	SD-4C101-01	108	051-080-345	SD-4C099-01	ED-4C488-35,G1C	
		109	CA98	ZA5	051-058-306	SD-4C099-01	110	151-080-151	SD-4C099-01	ED-4C488-35,G1D	
		111	CA59	ZA6	151-058-306	SD-4C099-01	112	151-080-145	SD-4C099-01	ED-4C488-35,G1E	
		103	CA62	ZA7	033-154-306	SD-4C101-01	113	151-080-351	SD-4C099-01	ED-4C488-35,G1F	
		104	CA63	ZA8	133-154-306	SD-4C101-01	114	151-080-345	SD-4C099-01	ED-4C488-35,G1G	
	EAI CABLING	105	CA64	ZA11	033-102-153	SD-4C101-01	104	060-154-119	SD-4C098-01	ED-4C488-35,G3	SEE SK-B
		106	CA66	ZA12	033-102-149	SD-4C101-01	105	160-154-119	SD-4C098-01	ED-4C488-35,G3A	
		107	CA67	ZA13	133-102-149	SD-4C101-01	106	160-154-116	SD-4C098-01	ED-4C488-35,G3B	
		108	CA65	ZA14	133-102-153	SD-4C101-01	107	060-154-116	SD-4C098-01	ED-4C488-35,G3C	
	MTTY (TN838) CONTROL CABLES	109	CA68	ZA9	033-102-345	SD-4C101-01	100	009-040-300	SD-4C063-01	ED-4C488-39,G2	
		110	CA69	ZA10	033-102-132	SD-4C101-01	101	009-056-300	SD-4C063-01	ED-4C488-39,G2A	
		111	CA70	ZA29	133-102-345	SD-4C101-01	102	009-040-100	SD-4C063-01	ED-4C488-35,G11	
		112	CA71	ZA30	133-102-132	SD-4C101-01	103	009-056-100	SD-4C063-01	ED-4C488-35,G11A	
	SCSD CABLES	113	CA72	ZA24	033-086-346	SD-4C101-01	104	009-134-100	SD-4C063-01	ED-4C488-35,G10	
		114	CA73	ZA25	033-086-546	SD-4C101-01	105	009-134-104	SD-4C063-01	ED-4C488-35,G10A	
		115	CA74	ZA26	033-093-046	SD-4C101-01	106	009-134-108	SD-4C063-01	ED-4C488-35,G10B	
		116	CA75	ZA27	033-086-340	SD-4C101-01	107	009-040-122	SD-4C063-01	ED-4C488-35,G10C	
		117	CA76	ZA28	033-086-353	SD-4C101-01	108	009-056-122	SD-4C063-01	ED-4C488-35,G10D	
		118	CA85	ZA38	003-086-137	SD-4C101-01	108	060-162-306	SD-4C098-01	ED-4C488-35,G15	
		119	CA86	ZA39	003-086-333	SD-4C101-01	120	133-162-306	SD-4C101-01	ED-4C488-35,G15A	
		121	CA87	ZA40	003-086-533	SD-4C101-01	115	051-074-306	SD-4C099-01	ED-4C488-35,G15B	
		122	CA88	ZA41	133-086-337	SD-4C101-01	109	160-162-306	SD-4C098-01	ED-4C488-35,G15C	
		123	CA89	ZA42	133-086-133	SD-4C101-01	124	033-162-306	SD-4C101-01	ED-4C488-35,G15D	
		125	CA90	ZA43	133-093-053	SD-4C101-01	116	151-074-306	SD-4C099-01	ED-4C488-35,G15E	
		126	CA91	ZA28A	133-086-346	SD-4C101-01	109	009-134-113	SD-4C063-01	ED-4C488-35,G10E	
		127	CA92	ZA28B	133-086-346	SD-4C101-01	110	009-134-117	SD-4C063-01	ED-4C488-35,G10F	
		128	CA93	ZA28C	133-093-046	SD-4C101-01	111	009-134-121	SD-4C063-01	ED-4C488-35,G10G	
		129	CA83	ZA37	033-093-050	SD-4C101-01	130	023-110-102	SD-4C101-01 (ED4C387-30 COOLING UNIT)	ED-4C488-35,G14	
		131	CA102	ZA37	133-093-050	SD-4C101-01	132	123-110-102		ED-4C488-35,G14	
	MCH (UN22B) CA	110	CA84		060-028-513	SD-4C098-01	111	160-028-513	SD-4C098-01	ED-4C217-10,G5	
	ALM & COOLING UNIT START CABLE	112	CA82	ZA36	(0,1) 60-178-309	SD-4C098-01	117	(0,1) 51-178-309	SD-4C099-01	ED-4C488-35,G13	DAISY CHAIN CABLE
		117	CA82	ZA36	(0,1) 51-178-309	SD-4C099-01	133	(0,1) 33-178-309	SD-4101-01	ED-4C488-35,G13	
		133	CA82	ZA36	(0,1) 33-178-309	SD-4C101-01	134	(0,1) 22-110-102	ED-4C387-30	ED-4C488-35,G13	

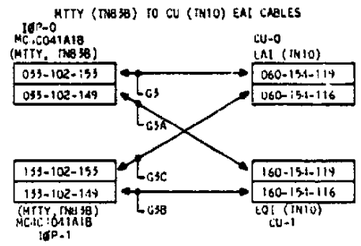
SK-A

I@ (UN98) TO DOSBS (TN698) CABLES



SK-B

MTTY (TN838) TO CU (TN10) EAI CABLES



COMPUTER SYSTEM		DWG SIZE B	ISSUE 12B
AT&T	SD-4C127-01		SHEET D34

INFORMATION NOTES: (CONT)

518 (CONT)

		FROM					TO				
TITLE (FUNCTION)		CAD	CA NO.	CABLE DESIG	EQL	UNIT SD	CAD	EQL	UNIT SD	CABLE ASSY DWG	COMMENTS
PERIPHERAL INTERFACE CABINET (PIC)	-48 VOLT POWER DISTRIBUTION	50		IØP5	67-028-7R	SD-4C102-01	02	48-007T-005	SD-4C115-01	ED-4C405- ,G	LW
		50			67-028-8R	SD-4C102-01	02	48-0078-001	SD-4C115-01	ED-4C405- ,G	
		50		IØP6	67-028-5R	SD-4C102-01	02	48-175T-005	SD-4C115-01	ED-4C405- ,G	
		50			67-028-6R	SD-4C102-01	02	48-1758-001	SD-4C115-01	ED-4C405- ,G	
		50		IØP7	67-028-3R	SD-4C102-01	02	48-1698-005	SD-4C115-01	ED-4C405- ,G	
		50			67-028-4R	SD-4C102-01	02	48-169T-001	SD-4C115-01	ED-4C405- ,G	
		50		IØP8	67-028-1R	SD-4C102-01	02	49-007T-014	SD-4C115-01	ED-4C405- ,G	
		50			67-028-2R	SD-4C402-01	02	49-008-010	SD-4C115-01	ED-4C405- ,G	
		50		IØP1	67-072-3R	SD-4C402-01	02	57-008-004	SD-4C115-01	ED-4C405- ,G	
		50			67-072-4R	SD-4C402-01	02	56-008-000	SD-4C115-01	ED-4C405- ,G	
		50		IØP2	67-072-1R	SD-4C402-01	02	58-008T-014	SD-4C115-01	ED-4C405- ,G	
		50			67-072-2R	SD-4C402-01	02	58-0088-010	SD-4C115-01	ED-4C405- ,G	
		50		IØP3	67-028-11R	SD-4C402-01	02	59-008T-022	SD-4C115-01	ED-4C405- ,G	
		50			67-028-12R	SD-4C402-01	02	59-0088-018	SD-4C115-01	ED-4C405- ,G	
		50		IØP4	67-028-9R	SD-4C402-01	02	50-007T-022	SD-4C115-01	ED-4C405- ,G	
		50			67-028-10R	SD-4C402-01	02	50-0078-018	SD-4C115-01	ED-4C405- ,G	
		50		IØP1	67-116-3R	SD-4C402-01	02	39-008-004	SD-4C115-01	ED-4C405- ,G	
		50			67-116-4R	SD-4C402-01	02	38-008-000	SD-4C115-01	ED-4C405- ,G	
		50		FAN 3	67-116-1R	SD-4C102-01	02	21-106-1	ED-4C387-30	ED-4C405- ,G	
		50			67-116-2R	SD-4C102-01	02	21-106-1	ED-4C387-30	ED-4C405- ,G	
		50		FAN 4	67-072-11R	SD-4C102-01	02	21-110-1	ED-4C387-30	ED-4C405- ,G	
		50			67-072-12R	SD-4C102-01	02	21-110-1	ED-4C387-30	ED-4C405- ,G	
		50		FCL 2	67-072-9R	SD-4C102-01	02	24-114-1	ED-4C387-30	ED-4C405- ,G	
		50			67-072-10R	SD-4C102-01	02	24-114-1	ED-4C387-30	ED-4C405- ,G	
		50		IØP2	67-072-7R	SD-4C102-01	02	40-008T-014	SD-4C115-01	ED-4C405- ,G	
		50			67-072-8R	SD-4C102-01	02	40-0088-010	SD-4C115-01	ED-4C405- ,G	
		50		IØP3	67-072-5R	SD-4C102-01	02	41-008T-022	SD-4C115-01	ED-4C405- ,G	
		50			67-072-6R	SD-4C102-01	02	41-0088-018	SD-4C115-01	ED-4C405- ,G	
		50		IØP5	67-160-3R	SD-4C102-01	02	30-007T-005	SD-4C115-01	ED-4C405- ,G	
		50			67-160-4R	SD-4C102-01	02	30-0078-001	SD-4C115-01	ED-4C405- ,G	
		50		IØP6	67-160-1R	SD-4C102-01	02	30-175T-005	SD-4C115-01	ED-4C405- ,G	
		50			67-160-2R	SD-4C102-01	02	30-1758-001	SD-4C115-01	ED-4C405- ,G	
		50		IØP7	67-116-11R	SD-4C102-01	02	30-169T-005	SD-4C115-01	ED-4C405- ,G	
		50			67-116-12R	SD-4C102-01	02	30-1698-001	SD-4C115-01	ED-4C405- ,G	
		50		IØP8	67-116-9R	SD-4C102-01	02	31-007T-014	SD-4C115-01	ED-4C405- ,G	
		50			67-116-10R	SD-4C102-01	02	31-008-010	SD-4C115-01	ED-4C405- ,G	
		50		FAN 1	67-160-11R	SD-4C102-01	02	21-013-1	ED-4C387-30	ED-4C405- ,G	
		50			67-160-12R	SD-4C102-01	02	24-013-1	ED-4C387-30	ED-4C405- ,G	
		50		FAN 2	67-160-9R	SD-4C102-01	02	21-017-1	ED-4C387-30	ED-4C405- ,G	
		50			67-160-10R	SD-4C102-01	02	24-017-1	ED-4C387-30	ED-4C405- ,G	
		50		FCL 1	67-160-7R	SD-4C102-01	02	21-021-1	ED-4C387-30	ED-4C405- ,G	
		50			67-160-8R	SD-4C102-01	02	24-021-1	SD-4C115-01	ED-4C405- ,G	
		50		IØP4	67-160-5R	SD-4C102-01	02	32-007T-018	SD-4C115-01	ED-4C405- ,G	
		50			67-160-6R	SD-4C102-01	02	32-0078-018	SD-4C115-01	ED-4C405- ,G	LW
	ALM & COOLING UNIT START CABLES				22-110-105	ED-4C387-30	13	33-178-309	SD-4C115-01	ED-4C488-35,G	DAISY CHAIN CABLE
					22-110-105	ED-4C387-30	13	33-178-309	SD-4C115-01	ED-4C488-35,G	
		13			33-178-309	ED-4C387-30	13	51-178-309	SD-4C115-01	ED-4C488-35,G	
		13			33-178-316	SD-4C115-01	14	51-178-319	SD-4C115-01	ED-4C488-35,G	
	PERIPHERAL CONTROL CABLES 1ST IØPG	04	CA1		33-076-113	SD-4C115-01	05	42-076-100	SD-4C115-01	ED-4C347-10,GB	FLEXTAPE
		04	CA2		33-076-132	SD-4C115-01	05	42-076-113	SD-4C115-01	ED-4C347-10,GB	
		04	CA3		33-076-145	SD-4C115-01	05	42-076-145	SD-4C115-01	ED-4C347-10,GB	
		04	CA4		33-070-113	SD-4C115-01	05	42-070-100	SD-4C115-01	ED-4C347-10,G9	
		04	CA5		33-070-132	SD-4C115-01	05	42-070-113	SD-4C115-01	ED-4C347-10,G9	
		04	CA6		33-070-145	SD-4C115-01	05	42-070-145	SD-4C115-01	ED-4C347-10,G9	

COMPUTER SYSTEM		DWG SIZE: B	ISSUE: 12B
AT&T	SD-4C127-01		SHEET: D35

INFORMATION NOTES: (CONT)

318. (CONT)

FROM							TO				
TITLE (FUNCTION)		CAD	CA.NO.	CABLE DESIG	EQL	UNIT SD	CAD	EQL	UNIT SD	CA. ASSY DWG.	COMMENTS
PERIPHERAL INTERFACE CABINET (PIC) (CONT)	PERIPHERAL CONTROL CABLES 2ND I/OPG	04	CA1		51-076-113	SD-4C115-01	05	60-076-100	SD-4C115-01	ED-4C547-10,G8	FLEXTAPE
		04	CA2		51-076-132	SD-4C115-01	05	60-076-113	SD-4C115-01	ED-4C547-10,G9	
		04	CA3		51-076-145	SD-4C115-01	05	60-076-145	SD-4C115-01	ED-4C547-10,G8	
		04	CA4		51-070-113	SD-4C115-01	05	60-070-100	SD-4C115-01	ED-4C547-10,G9	
		04	CA5		51-070-132	SD-4C115-01	05	60-070-113	SD-4C115-01	ED-4C547-10,G9	
		04	CA6		51-070-145	SD-4C115-01	05	60-070-145	SD-4C115-01	ED-4C547-10,G9	

COMPUTER SYSTEM		DWG SIZE: D	ISSUE: 13B
AT&T	SD-4C127-01		SHEET: D36A

INFORMATION NOTES (CONT)

318. (CONT)

LISTED BELOW IS A SUMMARY OF 3B200 MODEL 3 COMPUTER SYSTEM CABINET INTRA FRAME CABLING.

FROM								TO				
TITLE (FUNCTION)		CAD	CA. NO.	CABLE DESIG	EQL/TERM		UNIT SD	CAD	EQL		UNIT SD	CABLE ASSEMBLY DWG.	COMMENTS
SCSI DISK CABINET	-48 VOLT PWR DIST.	50		DUP 0	68-028	1	SD-4C102-0	02	06-080	1	SD-3T005-01	ED-3T053-15 .G1	
						2				2			
				DUP 2		3			24-080	1		.G3	
						4				2			
				DUP4		5			11-080	1		.G5	
						6				2			
				DUP 6		7			28-080	1		.G7	
						8				2			
				DUP 8		9			15-080	1		.G9	
						10				2			
				DUP 10		11			32-080	1		.G11	
						12				2			
				DUP 12	68-072	1			19-080	1		.G13	
						2				2			
				DUP 14		3			36-080	1		.G15	
						4		02		2			
				SCSI-DFC UNIT		5		02	58-008- -48V1-0		SD-3T005-01	.G20	
						6		02	58-008- +48V1-0				
				SCSI-DFC UNIT		7		02	60-008T- -48V2-0			.G21	
						8		02	60-008B- +48V2-0				
				COOLING UNIT		9			49-021		SD-4C100-01	.G22	
						10			52-021				
				COOLING UNIT		11			49-013, 017			.G26	
		50				12			52-013, 017				

COMPUTER SYSTEM		DWG SIZE E	ISSUE 13B
AT&T	SD-4C127-01		SHEET D36B

INFORMATION NOTES (CONT)

318. (CONT)

LISTED BELOW IS A SUMMARY OF 3B20D MODEL 3 COMPUTER SYSTEM CABINET INTRA FRAME CABLING.

FROM								TO				
TITLE (FUNCTION)		CAD	CA. NO.	CABLE DESIG.	EQL/TERM		UNIT SD	CAD	EQL		UNIT SD	CABLE ASSEMBLY DWG.	COMMENTS
SCSI DISK CABINET	-48V PWR DIST.	TB3R 50		COOLING UNIT	68-116	1	SD-4C102-01		49-106.110		SD-4C100-01	.G27	
						2			52-106.110				
				COOLING UNIT		3			49-114			.G23	
						4			52-114				
				SCSI-DFC UNIT		5		02	60-096- -48V2-1		SD-3T003-01	.G24	
						6			60-096- +48V2-1				
				SCSI-DFC UNIT		7			58-096- -48V1-1			.G25	
						8		02	58-096- +48V1-1				
				DUP 15		9		02	56-170	1	SD-3T005-01	.G16	
						10				2			
				DUP 13		11			19-170	1		.G14	
						12				2			
		TB4R		DUP 11	68-160	1			32-170	1		.G12	
						2				2			
				DUP 9		3			15-170	1		.G10	
						4				2			
				DUP 7		5			28-170	1		.G8	
						6				2			
				DUP 5		7			11-170	1		.G6	
						8				2			
				DUP 3		9			24-170	1		.G4	
						10				2			
				DUP 1		11			06-170	1		.G2	
		50				12		02		2			

COMPUTER SYSTEM		DWG SIZE	ISSUE
			13B
AT&T	SD-4C127-01		SHEET D36C

INFORMATION NOTES (CONT)

318. (CONT)

LISTED BELOW IS A SUMMARY OF 3B20D MODEL 3 COMPUTER SYSTEM CABINET INTRA FRAME CABLING.

		FROM						TO					
TITLE (FUNCTION)		CAD	CA. NO	CABLE DESIG.	EQL		UNIT SD	CAD	EQL		UNIT SD	CABLE ASSEMBLY DWG.	COMMENTS
SCSI DISK CABINET	FAN START	03	25	SCSI-DFC TO COOL	61-104	311	SD-3T003-01		50-110-006		SD-4C100-01	ED-3T053-20 .G22	
	ALARM CIRCUIT CABLES	04		ALM IN/OUT	06-163	IN	SD-3T005-01	05	06-067	OUT	SD-3T005-01	ED-3T073-20 .G16A	
					24-073	IN			06-157	OUT		.G16B	
					24-163	IN			24-067	OUT		.G16A	
					11-073	IN			24-157	OUT		.G16C	
					11-163	IN			11-067	OUT		.G16A	
					28-073	IN			11-157	OUT		.G16D	
					28-163	IN			28-067	OUT		.G16A	
					15-073	IN			28-157	OUT		.G16E	
					15-163	IN			15-067	OUT		.G16A	
					32-073	IN			15-157	OUT		.G16F	
					32-163	IN			32-067	OUT		.G16A	
					19-073	IN			32-157	OUT		.G16G	
					19-163	IN			19-067	OUT		.G16A	
					36-073	IN			19-157	OUT		.G16H	
		04			36-163	IN		05	36-076	OUT		ED-3T073-20 .G16A	

COMPUTER SYSTEM		DWG SIZE D	ISSUE 13B
AT&T	SD-4C127-01		SHEET D36D

INFORMATION NOTES (CONT)

318. (CONT)

LISTED BELOW IS A SUMMARY OF 3B200 MODEL 3 COMPUTER SYSTEM CABINET INTRA FRAME CABLING.

FROM								TO				
TITLE (FUNCTION)		CAD	CA. NO.	CABLE DESIG.	EQL		UNIT SD	CAD	EQL	UNIT SD	CABLE ASSEMBLY DWG.	COMMENTS
SCSI DISK CABINET	SCSI BUS	06		SCSI-DFC 0 BUS 1	61-036	300	SD-3T003-01	06	26-024-1	SD-3T005-01	ED-3T053-40, G3A	DUP 2
									30-024-1			DUP 6
									34-024-1			DUP 10
									38-024-1			DUP 14
		07		SCSI-DFC 0 BUS 0		500			21-024-1		ED-3T053-40, G1A	DUP 12
									17-024-1			DUP 8
									13-024-1			DUP 4
									08-024-1			DUP 0
		13		SCSI-DFC 1 BUS 1	61-126	300			26-120-1		ED-3T053-40, G4A	DUP 3
									30-120-1			DUP 7
									34-120-1			DUP 11
									38-120-1			DUP 15
		14		SCSI DFC 1 BUS 0		500			21-120-1		ED-3T053-40, G2A	DUP 13
									17-120-1			DUP 9
									13-120-1			DUP 5
								06	08-120-1			DUP 1

COMPUTER SYSTEM

DWG SIZE: 8S

ISSUE: 13B

AT&T | SD-4C127-01 | SHEET: D36E

INFORMATION NOTES: (CONT)

319. LISTED BELOW IS A SUMMARY OF 3B20D MODEL 3 COMPUTER SYSTEM CABINET INTERFRAME CABLING.

				FROM				TO					
TITLE	J1C188A LIST NO.	FUNCTION	CABLE IDENT	CABINET OR UNIT	EQL - TERM	SD NO.	CAD	CABINET OR UNIT	EQL - TERM	SD NO.	CAD	CABLING DRAWING	COMMENTS
SEE FS 1 PROCESSOR CAB & T/DC (0) ARRANGED FOR 1-TAPE UNIT & 4-340MB DRIVES 00-03	1	ALM	ZA44	PROC (0)	060-178-316	SD-4C098-01	06	PROC (1)	160-178-519	SD-4C098-01	07	ED-4C488-35,G16	
	100	CONTROL		PROC (0)	051-044-500	SD-4C099-01	200	PROC (1)	P4 (A0)	SD-4C099-01	201	ED-4C490-35,G1	
				PROC (1)	151-044-500	SD-4C099-01	200	PROC (1)	P4 (A1)	SD-4C099-01	201	ED-4C490-35,G2	
				PROC (1)	J4 (A0)	SD-4C099-01	201	T/DC (0)	P4 (A0)	SD-4C126-01	02	ED-4C490-35,G3	
				PROC (1)	J4 (A1)	SD-4C099-01	201	T/DC (0)	P4 (A1)	SD-4C126-01	02	ED-4C490-35,G4	
		DATA		PROC (0)	051-064-513	SD-4C099-01	202	T/DC (0)	P2 (013-040-1)	SD-4C126-01	03	ED-4C490-35,G50	
		SCSD	ZA45	PROC (0)	033-086-537	SD-4C101-01	201	T/DC (0)	007-056-016	SD-4C126-01	05	ED-4C488-35,G17	DISK (00)
		ALM	ZA44A	PROC (1)	160-178-516	SD-4C098-01	05	T/DC (0)	007-056-020	SD-4C126-01	04	ED-4C488-35,G16A	
		DATA		PROC (1)	151-064-513	SD-4C099-01	202	T/DC (0)	P2 (029-040-1)	SD-4C126-01	03	ED-4C490-35,G51	
		SCSD	ZA46	PROC (1)	133-093-037	SD-4C101-01	204	T/DC (0)	023-056-016	SD-4C126-01	05	ED-4C488-35,G17A	DISK (01)
		ALM	ZA44B	T/DC (0)	L-DISK-023	SD-4C126-01	04	T/DC (0)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
		TAPE UNIT		PROC (0)	033-078-532	SD-4C127-01 (NOTE 306,2)		T/DC (0)	B/I8-078-532	SD-4C126-01	06	ED-4C490-35,G100	
					033-078-332				B/I8-078-332				
					033-078-132				B/I8-078-132				
	150	DATA		PROC (0)	051-064-532	SD-4C099-01	202	T/DC (0)	P2 (013-112-1)	SD-4C126-01	03	ED-4C490-35,G52	
		SCSD	ZA47	PROC (0)	033-086-550	SD-4C101-01	202	T/DC (0)	007-128-016	SD-4C126-01	05	ED-4C488-35,G17B	DISK (02)
		ALM	ZA44C	T/DC (0)	L-DISK-020	SD-4C126-01	04	T/DC (0)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16C	
	151	DATA		PROC (1)	151-064-532	SD-4C099-01	202	T/DC (0)	P2 (029-040-1)	SD-4C126-01	03	ED-4C490-35,G53	
		SCSD	ZA48	PROC (1)	133-086-550	SD-4C101-01	205	T/DC (0)	023-128-016	SD-4C126-01	05	ED-4C488-35,G17C	DISK (03)
		ALM	ZA44B	T/DC (0)	L-DISK-023	SD-4C126-01	04	T/DC (0)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	3	SCSD	ZA27	PROC (0)	033-086-340	SD-4C101-01	116	PROC (0)	009-040-122	SD-4C065-01	107	ED-4C488-35,G10C	PORT SM (INTRAFRAME CABLE)
		SCSD	ZA28	PROC (0)	033-086-353	SD-4C101-01	117	PROC (0)	009-056-122	SD-4C065-01	108	ED-4C488-35,G10D	
SEE FS 2 T/DC (1) ARRANGED FOR 8-340MB DRIVES (04-11) & T/DC (1) ARRANGED FOR 4-340MB DRIVES (12-15)	152	CONT		T/DC (0)	J4 (A0)	SD-4C126-01	02	T/DC (1)	P4 (A0)	SD-4C126-01	02	ED-4C490-35,G5	
		DATA		PROC (0)	051-064-500	SD-4C099-01	202	T/DC (1)	P2 (013-040-1)	SD-4C126-01	03	ED-4C490-35,G54	
		SCSD	ZA49	PROC (0)	033-086-146	SD-4C101-01	203	T/DC (1)	107-056-016	SD-4C126-01	05	ED-4C488-35,G17D	DISK (04)
		ALM	ZA44D	T/DC (0)	L-DISK-020	SD-4C126-01	04	T/DC (1)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16D	
	153	CONT		T/DC (0)	J4 (A1)	SD-4C126-01	02	T/DC (1)	P4 (A1)	SD-4C126-01	02	ED-4C490-35,G6	
		DATA		PROC (1)	151-064-500	SD-4C099-01	202	T/DC (1)	P2 (129-040-1)	SD-4C126-01	03	ED-4C490-35,G55	
		SCSD	ZA50	PROC (1)	133-086-146	SD-4C101-01	206	T/DC (1)	123-056-016	SD-4C126-01	05	ED-4C488-35,G17E	DISK (05)
		ALM	ZA44B	T/DC (0)	L-DISK-023	SD-4C126-01	04	T/DC (1)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	154	DATA		PROC (0)	051-064-545	SD-4C099-01	202	T/DC (1)	P2 (113-112-1)	SD-4C126-01	03	ED-4C490-35,G56	
		SCSD	ZA51	PROC (0)	033-093-053	SD-4C101-01	211	T/DC (1)	107-128-016	SD-4C126-01	05	ED-4C488-35,G17F	DISK (06)
		ALM	ZA44C	T/DC (0)	L-DISK-020	SD-4C126-01	04	T/DC (1)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16C	
	155	DATA		PROC (1)	151-064-145	SD-4C099-01	202	T/DC (1)	P2 (129-112-1)	SD-4C126-01	03	ED-4C490-35,G57	
		SCSD	ZA52	PROC (1)	133-086-533	SD-4C101-01	212	T/DC (1)	123-128-016	SD-4C126-01	05	ED-4C488-35,G17G	DISK (07)
		ALM	ZA44B	T/DC (0)	L-DISK-023	SD-4C126-01	04	T/DC (1)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	156	CONT		T/DC (1)	J4 (A0)	SD-4C126-01	02	T/DC (1)	P4 (A0)	SD-4C126-01	02	ED-4C490-35,G5	
		DATA		PROC (0)	051-064-313	SD-4C099-01	202	T/DC (1)	P2 (145-040-1)	SD-4C126-01	03	ED-4C490-35,G58	
		SCSD				JOB ENGR		T/DC (1)	139-056-016	SD-4C126-01	05	ED-4C488-35,G17H	DISK (08)
		ALM	ZA44F	T/DC (1)	L-DISK-023	SD-4C126-01	04	T/DC (1)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16F	
	158	CONT		T/DC (1)	J4 (A0)	SD-4C126-01	02	T/DC (1)	P4 (A1)	SD-4C126-01	02	ED-4C490-35,G6	
		DATA		PROC (1)	151-064-313	SD-4C099-01	202	T/DC (1)	P2 (161-040-1)	SD-4C126-01	03	ED-4C490-35,G59	
		SCSD				JOB ENGR		T/DC (1)	155-056-016	SD-4C126-01	05	ED-4C488-35,G17J	DISK (09)
		ALM	ZA44B	T/DC (1)	L-DISK-023	SD-4C126-01	04	T/DC (1)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	160	DATA		PROC (0)	051-064-113	SD-4C099-01	202	T/DC (1)	P2 (145-112-1)	SD-4C126-01	03	ED-4C490-35,G60	
		SCSD				JOB ENGR		T/DC (1)	139-128-016	SD-4C126-01	05	ED-4C488-35,G17K	DISK (10)
		ALM	ZA44C	T/DC (1)	L-DISK-020	SD-4C126-01	04	T/DC (1)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16C	
	162	DATA		PROC (1)	151-064-113	SD-4C099-01	202	T/DC (1)	P2 (161-112-1)	SD-4C126-01	03	ED-4C490-35,G61	
		SCSD				JOB ENGR		T/DC (1)	155-128-016	SD-4C126-01	05	ED-4C488-35,G17L	DISK (11)
		ALM	ZA44B	T/DC	L-DISK-023	SD-4C126-01	04	T/DC (1)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	

COMPUTER SYSTEM

DWG SIZE: 03

ISSUE: 12B

AT&T | SD-4C127-01

SHEET: D37

INFORMATION NOTES: (CONT)

319. (CONT)

		FROM						TO					
TITLE	J1C188A LIST NO.	FUNCTION	CABLE IDENT	CABINET OR UNIT	EQL - TERM	SD NO.	CAD	CABINET OR UNIT	EQL - TERM	SD NO.	CAD	CABLING DRAWING	COMMENTS
SEE FS 2 (CONT)	164	CONT		T/DC (1)	J4 (A0)	SD-4C126-01	02	T/DC (2)	P4 (A0)	SD-4C126-01	02	ED-4C490-35,G3	DISK (12)
		DATA		PROC (0)	051-054-132	SD-4C099-01	202	T/DC (2)	P2 (213-040-1)	SD-4C126-01	03	ED-4C490-35,G66	
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17S	
		ALM	ZA44E	T/DC (1)	L-DISK-020	SD-4C126-01	04	T/DC (2)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16E	
	166	CONT		T/DC (1)	J4 (A1)	SD-4C126-01	02	T/DC (2)	P4 (A1)	SD-4C126-01	02	ED-4C490-35,G4	DISK (13)
		DATA		PROC (1)	151-064-132	SD-4C099-01	202	T/DC (2)	P2 (229-040-1)	SD-4C126-01	03	ED-4C490-35,G67	
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17T	
		ALM	ZA44B	T/DC (2)	L-DISK-023	SD-4C126-01	04	T/DC (2)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	168	DATA		PROC (0)	051-064-145	SD-4C099-01	202	T/DC (2)	P2 (213-112-1)	SD-4C126-01	03	ED-4C490-35,G68	DISK (14)
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17U	
		ALM	ZA44C	T/DC (2)	L-DISK-020	SD-4C126-01	04	T/DC (2)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16C	
	170	DATA		PROC (1)	151-064-145	SD-4C099-01	202	T/DC (2)	P2 (229-112-1)	SD-4C126-01	03	ED-4C490-35,G69	DISK (15)
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17V	
		ALM	ZA44B	T/DC (2)	L-DISK-023	SD-4C126-01	04	T/DC (2)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
SEE FS 3 T/DC (1) ARRANGED FOR 2ND TAPE & 4-540MB DRIVES (04-07) & T/DC (2) ARRANGED FOR 8-540MB DRIVES (08-15)	120	TAPE UNIT		PROC (1)	133-078-532 133-078-332 133-078-132	SD-4C127-01 (NOTE 306.2)		T/DC (1)	B/I8-078-532 B/I8-078-332 B/I8-078-132	SD-4C126-01	06	ED-4C490-35,G100	
	152	CONT		T/DC (0)	J4 (A0)	SD-4C126-01	04	T/DC (1)	P4 (A0)	SD-4C126-01	02	ED-4C490-35,G3	DISK (04)
		DATA		PROC (0)	051-064-500	SD-4C099-01	202	T/DC (1)	P2 (113-040-1)	SD-4C126-01	03	ED-4C490-35,G54	
		SCSD	ZA49	PROC (0)	033-086-146	SD-4C101-01	203	T/DC (1)	107-056-016	SD-4C126-01	09	ED-4C488-35,G17D	
		ALM	ZA44D	T/DC (0)	L-DISK-020	SD-4C126-01	04	T/DC (1)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16D	
	153	CONT		T/DC (0)	J4 (A1)	SD-4C126-01	02	T/DC (1)	P4 (A1)	SD-4C126-01	02	ED-4C490-35,G4	DISK (05)
		DATA		PROC (1)	151-064-500	SD-4C099-01	202	T/DC (1)	P2 (129-040-1)	SD-4C126-01	03	ED-4C490-35,G55	
		SCSD	ZA50	PROC (1)	133-086-146	SD-4C101-01	206	T/DC (1)	123-056-016	SD-4C126-01	09	ED-4C488-35,G17E	
		ALM	ZA44B	T/DC (1)	L-DISK-023	SD-4C126-01	04	T/DC (1)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	154	DATA		PROC (0)	051-064-545	SD-4C099-01	202	T/DC (1)	P2 (113-112-1)	SD-4C126-01	03	ED-4C490-35,G56	DISK (06)
		SCSD	ZA51	PROC (0)	033-093-033	SD-4C101-01	211	T/DC (1)	107-126-016	SD-4C126-01	09	ED-4C488-35,G17F	
		ALM	ZA44C	T/DC (1)	L-DISK-020	SD-4C126-01	04	T/DC (1)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16C	
	159	DATA		PROC (1)	151-064-545	SD-4C099-01	202	T/DC (1)	P2 (129-112-1)	SD-4C126-01	03	ED-4C490-35,G57	DISK (07)
		SCSD	ZA52	PROC (1)	133-086-533	SD-4C101-01	212	T/DC (1)	123-128-013	SD-4C126-01	09	ED-4C488-35,G17G	
		ALM	ZA44B	T/DC (1)	L-DISK-023	SD-4C126-01	04	T/DC (1)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	157	CONT		T/DC (1)	J4 (A0)	SD-4C126-01	02	T/DC (2)	P4 (A0)	SD-4C126-01	02	ED-4C490-35,G3	DISK (08)
		DATA		PROC (0)	051-064-515	SD-4C099-01	202	T/DC (2)	P2 (213-040-1)	SD-4C126-01	03	ED-4C490-35,G62	
		SCSD						T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17N	
		ALM	ZA44D	T/DC (1)	L-DISK-020	SD-4C126-01	04	T/DC (2)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16D	
	159	CONT		T/DC (1)	J4 (A1)	SD-4C126-01	02	T/DC (2)	P4 (A1)	SD-4C126-01	02	ED-4C490-35,G4	DISK (09)
		DATA		PROC (1)	151-064-515	SD-4C099-01	202	T/DC (2)	P2 (229-040-1)	SD-4C126-01	03	ED-4C490-35,G63	
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17N	
		ALM	ZA44B	T/DC (2)	L-DISK-023	SD-4C126-01	04	T/DC (2)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	161	DATA		PROC (0)	051-064-113	SD-4C099-01	202	T/DC (2)	P2 (213-112-1)	SD-4C126-01	03	ED-4C490-35,G64	DISK (10)
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17P	
		ALM	ZA44C	T/DC (2)	L-DISK-020	SD-4C126-01	04	T/DC (2)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16C	
	163	DATA		PROC (1)	151-064-113	SD-4C099-01	202	T/DC (2)	P2 (229-112-1)	SD-4C126-01	03	ED-4C490-35,G65	DISK (11)
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17R	
		ALM	ZA44B	T/DC (2)	L-DISK-023	SD-4C126-01	04	T/DC (2)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
	165	CONT		T/DC (1)	J4 (A0)	SD-4C126-01	02	T/DC (2)	P4 (A0)	SD-4C126-01	02	ED-4C490-35,G5	DISK (12)
		DATA		PROC (0)	051-064-152	SD-4C099-01	202	T/DC (2)	P2 (245-040-1)	SD-4C126-01	03	ED-4C490-35,G70	
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17W	
		ALM	ZA44F	T/DC (2)	L-DISK-023	SD-4C126-01	04	T/DC (2)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16F	
	167	CONT		T/DC (1)	J4 (A1)	SD-4C126-01	02	T/DC (2)	P4 (A1)	SD-4C126-01	02	ED-4C490-35,G6	DISK (13)
		DATA		PROC (1)	151-064-152	SD-4C099-01	202	T/DC (2)	P2 (261-040-1)	SD-4C126-01	03	ED-4C490-35,G71	
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	09	ED-4C488-35,G17X	
		ALM	ZA44B	T/DC (2)	L-DISK-023	SD-4C126-01	04	T/DC (2)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	

COMPUTER SYSTEM		DWG SIZE	ISSUE
		B	12B
AT&T	SD-4C127-01		SHEET D38

INFORMATION NOTES: (CONT)

319. (CONT)

				FROM				TO					
TITLE	J1C138A LIST NO.	FUNCTION	CABLE INDENT	CABINET OR UNIT	EQL - TERM	SD NO.	CAD	CABINET OR UNIT	EQL - TERM	SD NO.	CAD	CABLING DRAWING	COMMENTS
SEE FS 3 (CONT)	169	DATA		PRØC (0)	051-064-145	SD-4C099-01	202	T/DC (2)	P2 (245-112-1)	SD-4C126-01	03	ED-4C490-35,G72	DISK (14)
		SCSD				JOB ENGR		T/DC (2)		SD-4C126-01	05	ED-4C488-35,G17Y	
		ALM	ZA44C	T/DC (2)	L-DISK-020	SD-4C126-01	04	T/DC (2)	U-DISK-023	SD-4C126-01	04	ED-4C488-35,G16C	
	171	DATA		PRØC (1)	151-064-145	SD-4C099-01	202	T/DC (2)	P2 (261-112-1)	SD-4C126-01	03	ED-4C490-35,G73	DISK (15)
		SCSD				JOB ENGR				SD-4C126-01	05	ED-4C488-35,G17Z	
		ALM	ZA44B	T/DC (2)	L-DISK-023	SD-4C126-01	04	T/DC (2)	U-DISK-020	SD-4C126-01	04	ED-4C488-35,G16B	
MISC PERIPHERAL CABLES	CA	MTTY	ZA20B	PRØC (0)	009-040-313	SD-4C065-01	202	VT				ED-4C488-35,G7D	100' CA
	CB	RØP	ZA21B	PRØC (0)	009-056-313	SD-4C065-01	203	RØP				ED-4C488-35,G7E	100' CA
	CC	MTTY	ZA20C	PRØC (0)	009-040-313	SD-4C065-01	202	VT				ED-4C488-35,G7F	250' CA
	CD	RØP	ZA21C	PRØC (0)	009-056-313	SD-4C065-01	203	RØP				ED-4C488-35,G7G	250' CA
	CE	RC/V	ZA22A	PRØC (0)	XXX-XXX-332	SD-4C127-01	SEE NOTE 106	RC/V TERM				ED-4C488-35,G8A	100' CA
	CF	DATA	ZA23	PRØC (1)	XXX-XXX-332	SD-4C127-01		DATA TERM				ED-4C488-35,G9	50' CA
	CG (TF2)	SCSD	ZA24	PRØC (0)	033-086-346	SD-4C101-01	113	PRØC (0)	009-134-100	SD-4C065-01	104	ED-4C488-35,G10	SEE NOTES 314-316
		SCSD	ZA25	PRØC (0)	033-086-546	SD-4C101-01	114	PRØC (0)	009-134-104	SD-4C065-01	105	ED-4C488-35,G10A	
		SCSD	ZA26	PRØC (0)	033-093-046	SD-4C101-01	115	PRØC (0)	009-134-108	SD-4C065-01	106	ED-4C488-35,G10B	
		SCSD	ZA27	PRØC (0)	033-086-340	SD-4C101-01	116	PRØC (0)	009-040-122	SD-4C065-01	107	ED-4C488-35,G10C	
		SCSD	ZA28	PRØC (0)	033-086-359	SD-4C101-01	117	PRØC (0)	009-056-112	SD-4C065-01	108	ED-4C488-35,G10D	
		SCSD	ZA28A	PRØC (1)	133-086-346	SD-4C101-01	126	PRØC (0)	009-134-113	SD-4C065-01	109	ED-4C488-35,G10E	
		SCSD	ZA28B	PRØC (1)	133-086-546	SD-4C101-01	127	PRØC (0)	009-134-117	SD-4C065-01	110	ED-4C488-35,G10F	
		SCSD	ZA28C	PRØC (1)	133-093-046	SD-4C101-01	128	PRØC (0)	009-134-121	SD-4C065-01	111	ED-4C488-35,G10G	
	CH	SCC (MTTY)	ZA66	PRØC (0)	033-102-332	SD-4C101-01	207					ED-4C488-35,G18	SEE NOTE 104
			ZA67	PRØC (1)	133-102-332	SD-4C101-01	208					ED-4C488-35,G18A	
SEE FS 5 PERIPHERAL INTERFACE CABINET (PIC)	401	SCAN/SD CABLES		PRØC (0)	033-086-150	SD-4C127-01		PIC	33-178-306	SD-4C115-01	16	ED-4C488-35,G	
	403			PRØC (1)	133-086-350	SD-4C127-01		PIC	51-178-306	SD-4C115-01	16	ED-4C488-35,G	
	401	ALARM CABLES		PRØC (0)	060-178-319	SD-4C098-01	004	PIC	33-178-319	SD-4C115-01	14	ED-4C488-35,G	
				PIC	33-178-316	SD-4C115-01	15		NOTE 1			ED-4C488-35,G	
	403			PIC	33-178-316	SD-4C115-01	15	PIC	51-178-319	SD-4C115-01	14	ED-4C488-35,G	
				PIC	51-178-316	SD-4C115-01	15		NOTE 1			ED-4C488-35,G	
	401	I/F CABLES BETWEEN DSCH & DOSBS		PIC	33-154-306	SD-4C115-01			NOTE 2	JOB ENGR			
				PIC	33-154-106	SD-4C115-01			NOTE 2	JOB ENGR			
	403			PIC	51-154-306	SD-4C115-01			NOTE 2	JOB ENGR			
				PIC	51-154-106	SD-4C115-01			NOTE 2	JOB ENGR			

NOTES:

1. TO APPLICATION CIRCUIT OR PRECEEDING CABINET.
2. TO APPLICATION CIRCUIT.

COMPUTER SYSTEM		DWG SIZE: B3	ISSUE: 13B
AT&T	SD-4C127-01		SHEET: D39A

INFORMATION NOTES: (CONT)

319. (CONT)

		FROM						TO					
TITLE	J1C188A LIST NO.	FUNCTION	CABLE IDENT	CABINET OR UNIT	EQL-TERM	SD NO.	CAD	CABINET OR UNIT	EQL-TERM	SD NO.	CAD	CABLING DRAWING	COMMENTS
SEE FS 7 SCSI DISK CABINET ARRANGED FOR 1 SCSI-DFC UNIT & 16 DUPS	570	ALM		PROC-1	160-178-316	SD-4C098-01	06	SDC 0	06-073-1N	SD-3T005-01		ED-3T073-20, G16	SEE NOTE 336
		DSCH		PROC-0	051-080-151	SD-4C099-01	104	SDC 0	061-030-106	SD-3T003-01	28	ED-3T073-20, G1	
				PROC-0	051-080-145	↓	106	↓	061-120-106	↓	33	" G1A	
				PROC-1	151-080-151	↓	104	↓	061-030-306	↓	28	" G1D	
				PROC-1	151-080-145	SD-4C099-01	106	SDC 0	061-120-306	SD-3T003-01	33	" G1E	
		COOLING SCAN		PROC-1	133-086-150	SD-4C101-01	—	SDC 0	052-110-102	SD-3T008-01	38	" G14B	
		DFC SCAN		PROC-0	033-086-533	SD-4C101-01	212	SDC 0	061-024-306	SD-3T003-01	05	" G15H	
				PROC-1	133-093-033	SD-4C101-01	211	SDC 0	061-112-306	SD-3T003-01	12	" G15J	
		SCAN		PROC-0	033-086-537	↓	201	↓	06-070-1	SD-3T005-01	03	" G17	
				PROC-1	133-093-037	↓	204	↓	06-160-1	↓	—	" G17A	
	571			PROC-0	033-086-550	↓	202	↓	24-070-1	↓	03	" G17B	
				PROC-1	133-086-550	↓	202	↓	24-160-1	↓	—	" G17C	
	572			PROC-0	033-086-146	↓	203	↓	11-070-1	↓	03	" G17D	
				PROC-1	133-086-146	↓	203	↓	11-160-1	↓	—	" G17E	
	573			PROC-0	033-093-033	↓	211	↓	28-070-1	↓	03	" G17F	
				PROC-1	133-086-533	SD-4C101-01	212	SDC 0	28-160-1	SD-3T005-01	—	ED-3T073-20, G17G	

COMPUTER SYSTEM		DWG SIZE: B3	ISSUE: 13B
AT&T	SD-4C127-01		SHEET: D398

INFORMATION NOTES: (CONT)

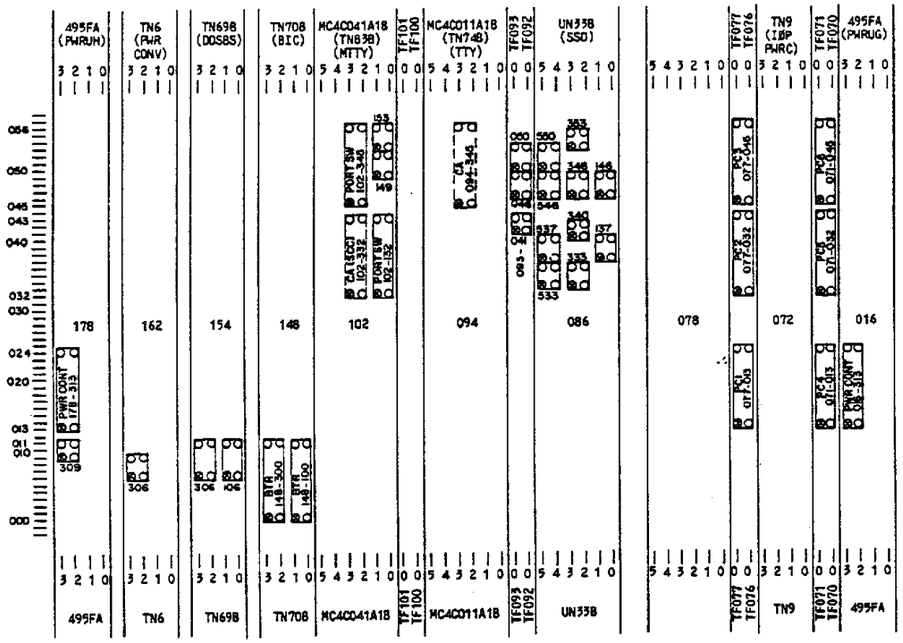
320. LISTED BELOW IS A SUMMARY OF 3B20D MODEL 3 COMPUTER SYSTEM CABINET DC POWER INTERFACE CABLING.

FROM: CABINET OR UNIT	FROM: EQL-TERM	FROM: POWER DIST CIRCUIT	FROM: LEAD DESIG	FROM: BUS	TO: FUSE DESIG	TO: FUSE AMP	TO: EQUIP J-DWG	TO: ASSIGNMENTS
PRØC (BAY 0) (J1C187A-1) SD-4C102-01 CAD 52	069-020-N48VA		-48VA	A	F1/F1A	20	J1C185A	COOLING UNIT
	069-020-RTNA		RTNA					
	069-036-N48VB		-48VB	A	F2/F2A	20	J1C185A	MS. IØ & DFC (LEVEL 47)
	069-036-RTNB		RTNB					
	069-052-N48VC		-48VC	A	F3/F3A	20	J1C185A	SPARE
	069-052-RTNC		RTNC					
	069-077-N48VD		-48VD	A	F4/F4A	20	J1C185A	CENTRAL PROC (LEVEL 56)
	069-077-RTND		RTND					
	069-093-N48VE		-48VE	A	F5/F5A	20	J1C185A	MS. IØ & DFC (LEVEL 47)
	069-093-RTNE		RTNE					
	069-109-N48VF		-48VF	A	F6/F6A	20	J1C185A	BASIC IØP (LEVEL 29), MS. GROWTH IØP (LEVEL 38)
	069-109-RTNF		RTNF					
	069-134-N48VG		-48VG	A	F7/F7A	20	J1C185A	BASIC IØP (LEVEL 29), MS. GROWTH IØP (LEVEL 38)
	069-134-RTNG		RTNG					
	069-150-N48VH		-48VH	A	F8/F8A	20	J1C185A	BASIC IØP (LEVEL 29)
	069-150-RTNH		RTNH					
	069-166-N48VJ		-48VJ	B	F9/F9A	20	J1C185A	PORT SWITCH
	069-166-RTNJ		RTNJ					
PROC (BAY 1) CAD 53	169-020-N48VA		-48VA	B	F1/F1A	20	J1C185A	COOLING UNIT
	169-020-RTNA		RTNA					
	169-036-N48VB		-48VB	B	F2/F2A	20	J1C185A	MS. IØ & DFC (LEVEL 47)
	169-036-RTNB		RTNB					
	169-052-N48VC		-48VC	B	F3/F3A	20	J1C185A	SPARE
	169-052-RTNC		RTNC					
	169-077-N48VD		-48VD	B	F4/F4A	20	J1C185A	CENTRAL PROC (LEVEL 56)
	169-077-RTND		RTND					
	169-093-N48VE		-48VE	B	F5/F5A	20	J1C185A	MS. IØ & DFC (LEVEL 47)
	169-093-RTNE		RTNE					
	169-109-N48VF		-48VF	B	F6/F6A	20	J1C185A	BASIC IØP (LEVEL 29), MS. GROWTH IØP (LEVEL 38)
	169-109-RTNF		RTNF					
	169-134-N48VG		-48VG	B	F7/F7A	20	J1C185A	BASIC IØP (LEVEL 29), MS. GROWTH IØP (LEVEL 38)
	169-134-RTNG		RTNG					
	169-150-N48VH		-48VH	B	F8/F8A	20	J1C185A	BASIC IØP (LEVEL 29)
	169-150-RTNH		RTNH					
PERIPHERAL INTERFACE CABINET (PIC)	69-020-N48VA		-48VA	B	F18/F18A	20	J1C185A	BASIC IØP (LEVEL 47) GROWTH IØP (LEVEL 56)
	69-020-RTNA		RTNA					
	69-036-N48VB		-48VB	B	F19/F19A	20	J1C185A	GROWTH IØP (LEVEL 56)
	69-036-RTNB		RTNB					
	69-052-N48VC		-48VC	A	F18/F18A	20	J1C185A	SPARE
	69-052-RTNC		RTNC					
	69-077-N48VD		-48VD	A	F19/F19A	20	J1C185A	COOLING UNIT
	69-077-RTND		RTND					
	69-093-N48VE		-48VE	A	F20/F20A	20	J1C185A	GROWTH IØP (LEVEL 38)
	69-093-RTNE		RTNE					
	69-134-N48VG		-48VG	A	F21/F21A	20	J1C185A	BASIC IØP (LEVEL 29)
	69-134-RTNG		RTNG					
	69-150-N48VH		-48VH	B	F21/F21A	20	J1C185A	COOLING UNIT
	69-150-RTNH		RTNH					

COMPUTER SYSTEM		DWG SIZE: 8X	ISSUE: 13B
AT&T	SD-4C127-01		SHEET: D40

INFORMATION NOTES: (CONT)

321. (CONT) LISTED BELOW IS A PARTIAL VIEW OF MLPWB OF IB PROCESSOR BASIC UNIT, SD-4C101-01 (J1C147BD), SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE, BAY 0).



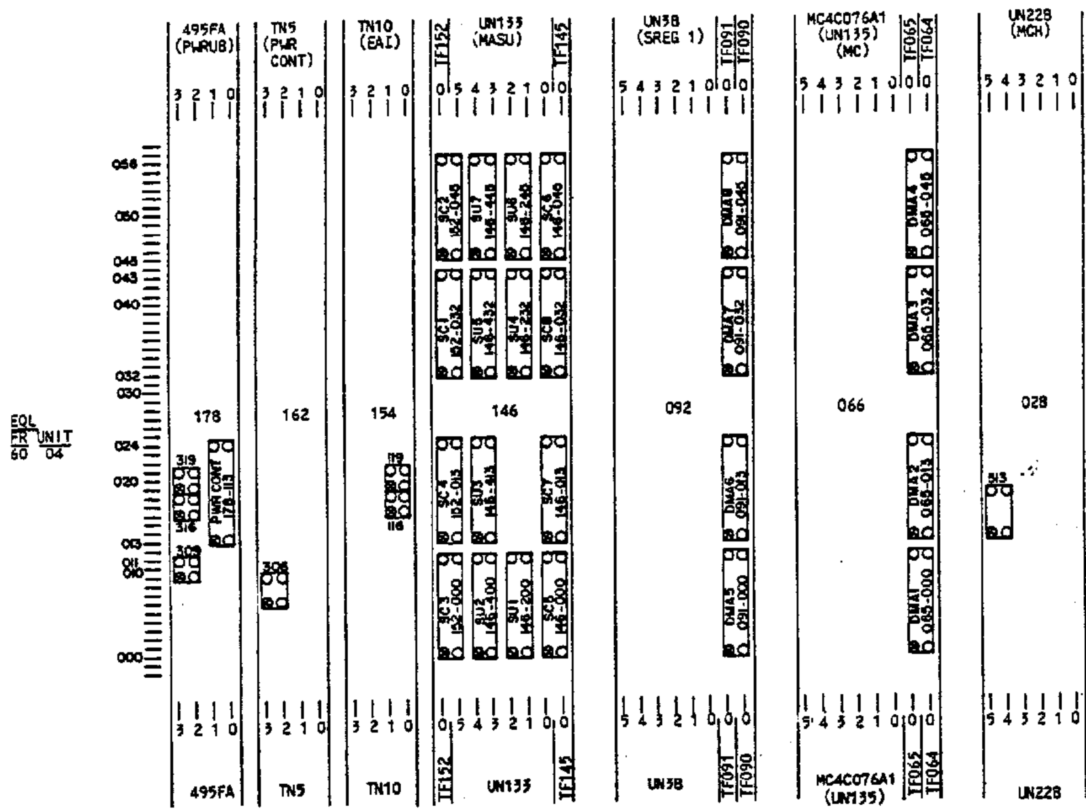
EQL
FR UNIT
33 04

SEE PROPRIETARY NOTICE ON COVER SHEET

COMPUTER SYSTEM		DWG SIZE: B3	ISSUE: 13B
AT&T	SD-4C127-01		SHEET: D41

INFORMATION NOTES: (CONT)

321. LISTED BELOW IS A PARTIAL VIEW OF MLPWB, CENTRAL PROCESSING UNIT, SD-4C098-01 (J1C1478A), SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE, BAY 0).



COMPUTER SYSTEM

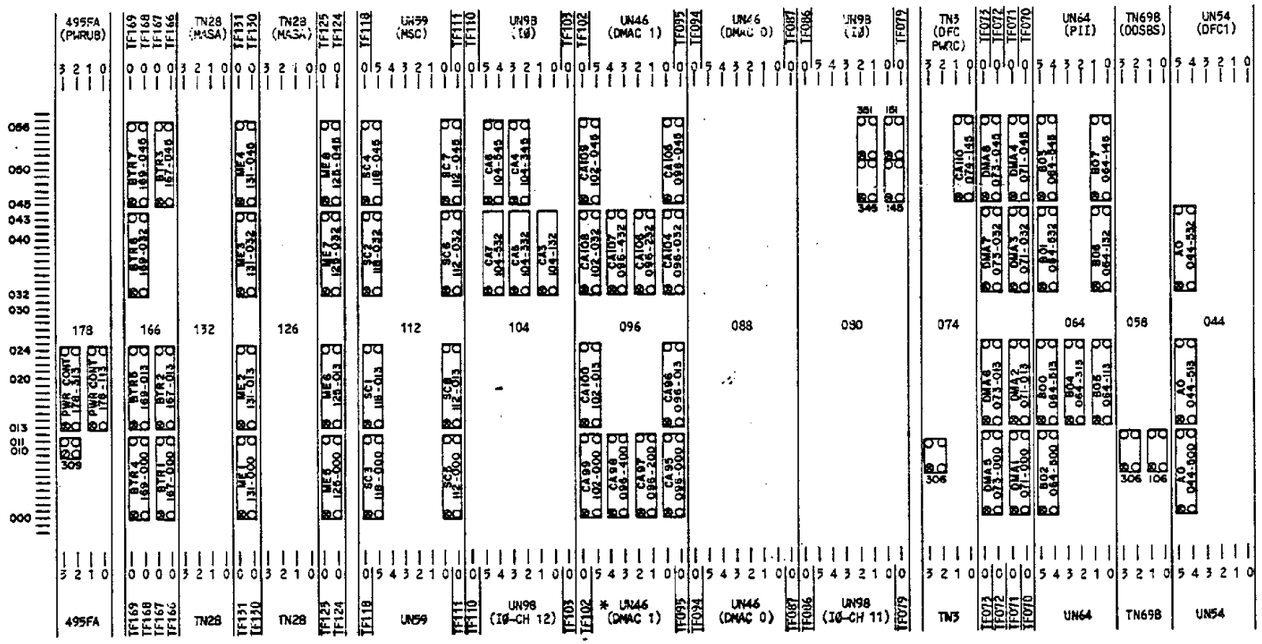
DWG SIZE ES | ISSUE 13B

AT&T SD-4C127-01 SHEET D42

INFORMATION NOTES: (CONT)

321. (CONT) LISTED BELOW IS A PARTIAL VIEW OF NLPWB OF MAIN STORE, I/O & DFC UNIT,SD-4C099-01 (J1C147BB), SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE, BAY 0).

EQL
SR UNIT
51 04

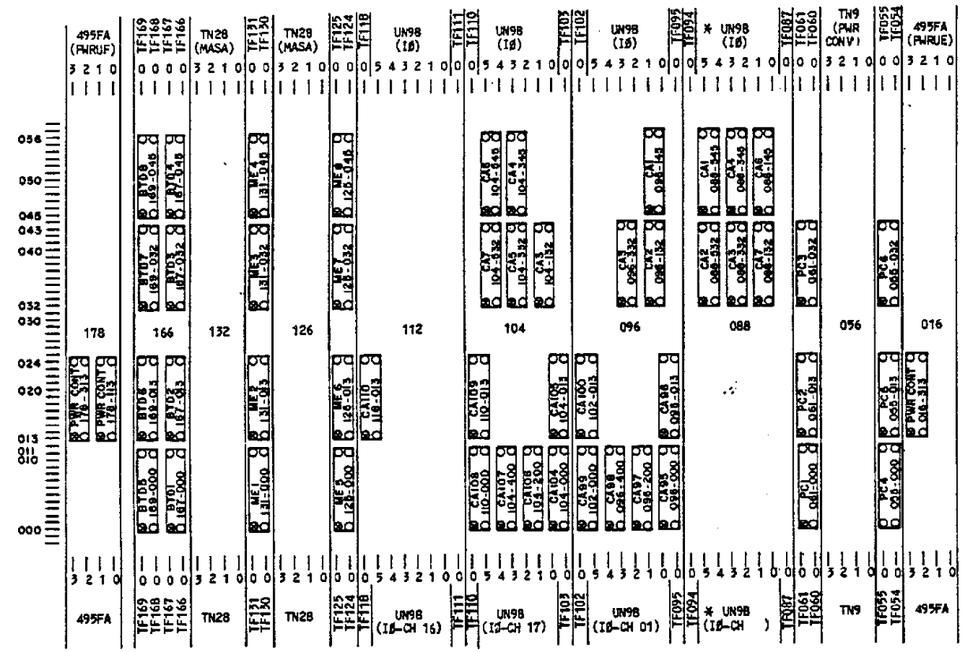


SEE PROPRIETARY NOTICE ON COVER SHEET

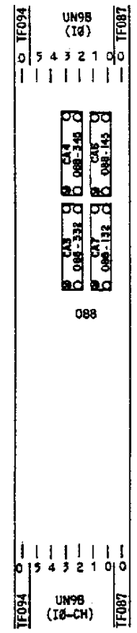
COMPUTER SYSTEM		DWG SIZE: 8S	ISSUE: 13B
AT&T	SD— 4C127-01		SHEET: D43A

INFORMATION NOTES: (CONT)

321. (CONT) LISTED BELOW IS A PARTIAL VIEW OF MLPWB OF MAIN STORE & I&P GROWTH UNIT, SD-4C097-01 (J1C1478C), SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE, BAY 01



* LISTED BELOW IS HOW CABLE ASSY TERMINATIONS ARE SHOWN FOR UN98(IØ) WHEN THE 3B NET FEATURE IN 3B20D MODEL 3 IS ADDED.



COMPUTER SYSTEM		DWG SIZE: B3	ISSUE: 13B
AT&T	SD-4C127-01		SHEET: D43B

INFORMATION NOTES: (CONT)

322. 3B NET DROP CABLES FROM ED-4C480-30,G3 INTERFACE ASSEMBLY ARE SHOWN ON J1C178A (3B NET COMMON SYSTEMS).

323. CP POWER ARRANGEMENTS 1-3,5-7 AND THEIR ASSOCIATED WIRING PER FIGURES 1-9 ARE RATED MANUFACTURE DISCONTINUED ON ISSUE 4B OF THIS DRAWING. THESE POWER ARRANGEMENTS HAVE BEEN REPLACED BY CP POWER ARRANGEMENTS 10 AND 11 AS SHOWN IN NOTES 324 AND 325 ON AN AFTER DATE BASIS.

324. THE 3B200 MODEL 3 DC POWER DISTRIBUTION OPTIONS SHOWING CIRCUIT PACK POWER ARRANGEMENTS 10 AND 11, ASSOCIATED CURRENT PROGRAMMING RESISTOR NET AND CONVERTER G POWER WIRING ARE SHOWN IN FIGURE 1-5 OF THIS NOTE 324. NOTE 325 PROVIDES A TABULAR SUMMARY OF THESE DC POWER OPTIONS FOR THE 3B200 MODEL 3 COMPUTER.

3B200 MODEL 3 (J1C188A-1) PROCESSOR CABINET
CIRCUIT PACK LOCATIONS (FRONT VIEW)

LEVEL 56 — J1C147BA-1 UNIT

Slot		
016	+5VA	495F1
020		UN16B
028		UN22B
036		UN28B
042		UN48B/UN24B
050		UN28B*
058		UN28B*/UN140
066		UN135
072		UN1C
078		UN23C
084		UN2B
092		UN3B
096		UN6B
104		UN43B
110		UN45B
118		UN21
124		UN10B*
130		UN10B*
138		UN11B
146		UN133
154		TN10
162		TN5
178	+5VB	495F1

LEVEL 47 — J1C147BB-1 UNIT

Slot		
016	+5VC	495F1
022		
028		
034		TN19
040		TEST
044		UN55
052		TN70B
058		TN69B
064		UN64
074		TN3
080		UN9B*
088		UN46*
096		UN46
104		UN9B
112		UN59
120		TN28
126		TN28
132		TN28
138		TN28
144		TN28
150		TN28
156		TN28
162		TN28
178	+5VD	495F1

LEVEL 38 — J1C147BC-1 UNIT

Slot		
016	+5VE	495F1
024		TN9
028		PC33
034		PC32
040		PC31
046		PC30
056		TN9
062		PC23
068		PC22
074		PC21
080		PC20
088		I/O*
096		I/O*
104		I/O
112		I/O
120		TN28
126		TN28
132		TN28
138		TN28
144		TN28
150		TN28
156		TN28
162		TN28
178	+5VF	495F1

LEVEL 29 — J1C147BD-1 UNIT

Slot		
016	+5VG	495F1
024	5VJ	494G1
032		TN9
038		PC13
046		PC12
054		PC11
062		PC10
072		TN9
078		PC03
088		PC02
094		PC01
102		PC00
110		UN25B
118		UN25B
126		TN81B
132		TN84
138		TN84
144		TEST
148		TN70B
154		TN69B
162		TN6
178	+5VH	495F1

* CIRCUIT PACK POSITIONS THAT HAVE SEPARATE +5V POWER SEGMENTS

FIGURE 1

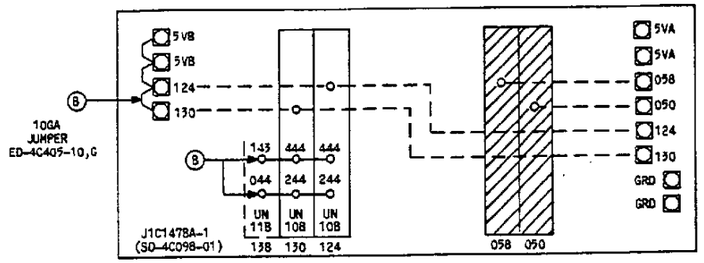
COMPUTER SYSTEM

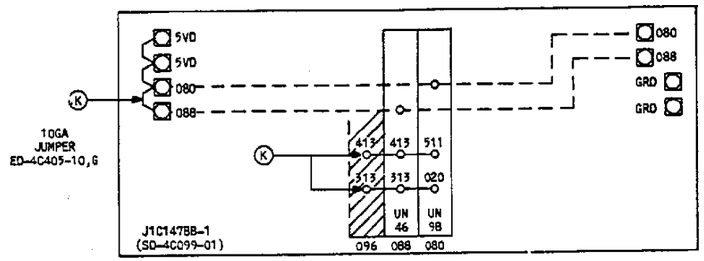
DWG SIZE: ES | ISSUE: 13B

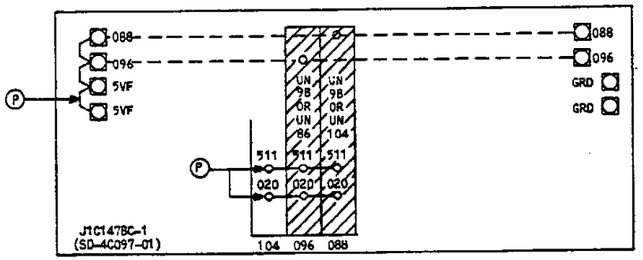
AT&T | SD-4C127-01 | SHEET D44

INFORMATION NOTES: (CONT)

324. (CONT)







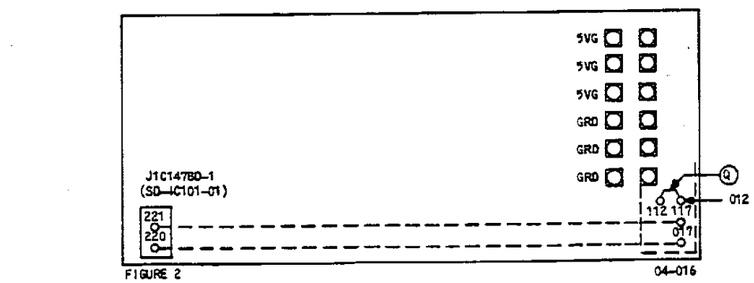
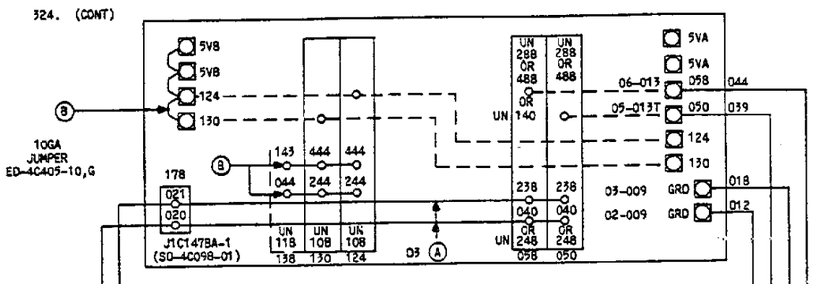
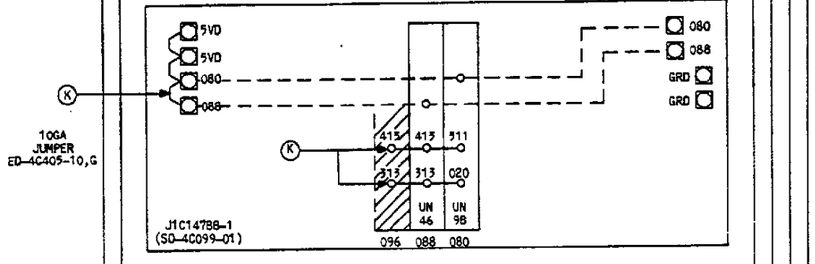


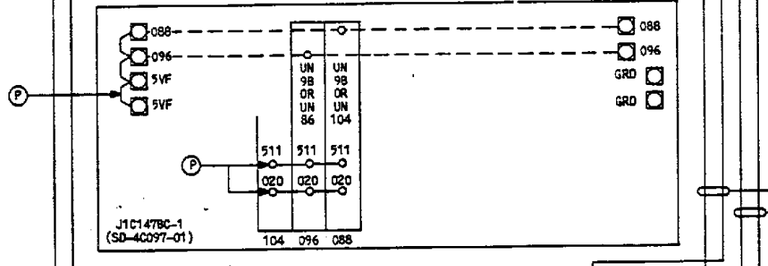
FIGURE 2

POWER ARRANGEMENT 10
PROVIDES POWER FOR BASIC PROCESSOR
WITH OR WITHOUT CACHE
(LIST 1 AND/OR LIST 2 & LIST 602)
(REAR VIEW)

324. (CONT)







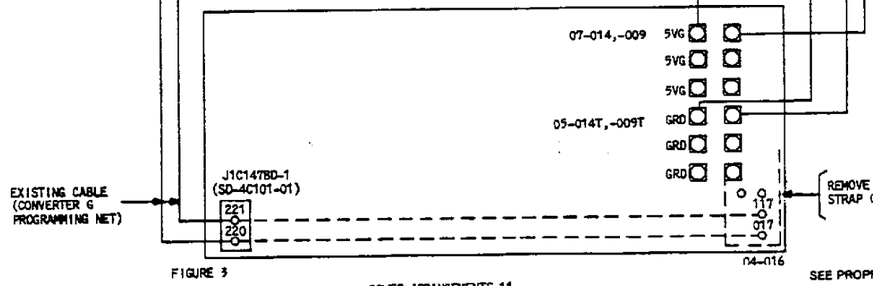


FIGURE 3

POWER ARRANGEMENTS 11
PROVIDES POWER TO CONTROL STORE SLOTS 2 & 3
WHEN (FPU/UN140) AND/OR (16K-UNS/UN248) ARE
PROVIDED IN POSITIONS 60-058 AND 60-050 RESPECTIVELY
(REAR VIEW)

SEE PROPRIETARY NOTICE ON COVER SHEET

COMPUTER SYSTEM		DWG SIZE: B5	ISSUE: 13B
AT&T	SD-4C127-01		SHEET: D45

INFORMATION NOTES: (CONT)

324. (CONT)

CP POWER ARRANGEMENT 10 (BASIC PROC W OR W/O CACHE)					UNIT WRG OPT
UNIT	FROM		TO		
J1C147BA-1 (SD-4C098-01)	CPMBA	04-124-444	CPMBB	04-130-444	Ⓑ
	CPPBA	04-124-244	CPPBB	04-130-244	
	CPMBB	04-130-444	CPMB	04-138-143	
	CPPBB	04-130-244	CPPB	04-138-044	
J1C147BB-1 (SD-4C099-01)	CPMDA	04-080-511	CPMDB	04-088-413	Ⓚ
	CPPDA	04-080-020	CPPDB	04-088-313	
	CPMDB	04-088-413	CPMD	04-096-413	
	CPPDB	04-088-313	CPPD	04-096-313	
J1C147BC-1 (SD-4C097-01)	CPMFA	04-088-511	CPMFB	04-096-511	Ⓟ
	CPPFA	04-088-020	CPPFB	04-096-020	
	CPMFB	04-096-511	CPMF	04-104-511	
	CPPFB	04-096-020	CPPF	04-104-020	
CP POWER ARRANGEMENT 11 (PWR FOR CTL STR SLOTS 02 & 03)					
J1C147BA-1 (SD-4C098-01)	CPMAB	04-050-238	CPMAA	04-058-238	Ⓐ
	CPPAB	04-050-040	CPPAA	04-058-040	
	CPMAA	04-058-238	CPMG	04-178-021	
	CPPAA	04-058-040	CPPG	04-178-020	

FIGURE 4

CURRENT PROGRAMMING RESISTOR NET
WIRING FOR ARRANGEMENTS 10 & 11

324. (CONT)

CP POWER ARRANGEMENT 11 (PWR FOR CTL STR SLOTS 02 & 03)					FRAME LISTS
CABLE	FROM		TO		
ED4C488-50. G1A	GRD04016	29-05-014T	GRD04016	56-02-009	
	P5VG	29-07-014	P5VAB	56-05-013T	
ED4C488-50.G1A	GRD04016	29-05-009T	GRD04016	56-03-009	
	P5VG	29-07-009	P5VAA	56-06-013	

FIGURE 5

CONVERTER G WIRING
FOR POWER ARRANGEMENT 11

COMPUTER SYSTEM	DWG SIZE: 6S	ISSUE: 13B
AT&T	SD-4C127-01	SHEET: D46

INFORMATION NOTES: (CONT)

325. DC POWER DISTRIBUTION OPTION SUMMARY FOR 3B20D MODEL 3:

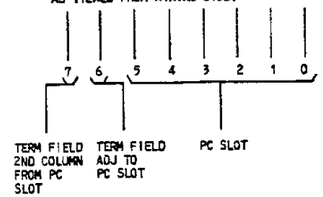
FEATURE OR OPTION			UNIT SD	CAD	OPT	UNIT J	LIST	CAB J	LIST	SYS J	LIST
DC POWER DISTRIBUTION OPTIONS (CP,PGRM RES NET, & CONV G PWR WRG) ARRANGEMENTS 10 & 11 (SEE NOTE 323 AND 324)	CP PWR ARR 10 (FIG 324-1,-2,-4)	BASIC	SD-4C098-01	55	B	J1C147BA-1		J1C187A-1		J1C188A-1	
			SD-4C099-01	56	K	J1C147BB-1					
			SD-4C101-01	54	Q	J1C147BD-1	WB				
		GROWTH	SD-4C097-01	56	P	J1C147BC-1					
	CP PWR ARR 11 (FIG 324-1,-3, -4,-5)	CTL STR POS 02 & 03	SD-4C098-01	56	A	J1C147BA-1					
			SD-4C101-01	57 OMIT 54	K Q	J1C147BD-1	OMIT WB				

326. ADDITIONAL 5 VOLT POWER PER LIST 609 IS REQUIRED IF CIRCUIT PACKS OF ANY TYPE ARE ORDERED AND EQUIPPED IN POSITIONS:

060-050 160-050
060-058 160-058

THIS NOTE SUPERSEDES NOTE 308 WITH ISSUE 48 OF THIS DRAWING.

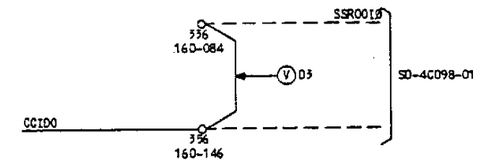
327. PC STRUCTURE FOR I&P COMMUNITIES AS VIEWED FROM WIRING SIDE.



NOTE: HORIZONTAL LOCATION TYPICAL

IF PC SLOT IS 125
TERM FIELD 6 IS 125-600
TERM FIELD 7 IS 125-700

328. WHEN THE HOST SYSTEM ORDERS APP FIG. 12 FOR THE COPROCESSING SYSTEM, OPTION (V) WIRING SHALL BE APPLIED TO THE CENTRAL PROCESSOR UNIT BACKPLANE IN PROCESSOR CABINET 1, SEE BELOW:



329. VLMM - VERY LARGE MAINSTORE MEMORY FEATURE REQUIRES EMM AND <R1> FOR A MINIMUM REQUIREMENT.

330. CIRCUIT PACKS AND WIRING IDENTIFIED IN APP. FIGURES 500, 501,506, AU, AV, AW, AX AND BC CAN PRE-CONDITION THE 3B20D FOR VLMM WITHOUT INTERFERING WITH SYSTEM OPERATION.

331. THE UN618 MEMORY CONTROLLER IS DOWNWARD COMPATIBLE WITH <R1> AND CAN BE USED WITH TN56 AND TN2012 CIRCUIT PACKS. THE UN618 CANNOT BE USED WITH TN28 CIRCUIT PACKS.

332. THE CORE PACKS (UN288, UN611, UN612) AND INTERFERING WIRING ARE <R6> COMPATIBLE ONLY.

333. APP. FIGURES AU TO BE ARE ALWAYS PROVIDED ON THE AFTERDATE BASIS AND IS THE MINIMUM REQUIREMENT FOR VLMM.

334. THE ENLARGED CACHE FEATURE, UN616/UN617, APP. FIGURE 506 IS DOWNWARD COMPATIBLE WITH <R1>, NON VLMM.

335. THE UNTILITY CIRCUIT, UN615, APP. FIGURE 508, IS <R6> COMPATIBLE ONLY.

COMPUTER SYSTEM		DWG SIZE	ISSUE
		8S	13B
AT&T	SD-4C127-01		SHEET D47

INFORMATION NOTES: (CONT)

336. THE TABLE BELOW LISTS ED-3T073-20 CABLES TO BE ORDERED PER THE DIFFERENT FLOOR PLAN CONFIGURATIONS. IF FIG. 1 OR FIG. 2 IS NOT USED, THE CABLES MUST BE "OFFICE ENGINEERED" AND "X" LENGTH CABLE DIMENSIONS WILL HAVE TO BE ORDERED BY THE OFFICE ENGINEER PLACING THE ORDER FROM THE KITTING DRAWING ED-4C473-34.

CABLE NAME	CABLES FOR FIG. 1	CABLES FOR FIG. 2	CABLES FOR "X" DIMENSION	COMMENT
	ED-3T073-20, G1	ED-3T073-20, G101	ED-3T073-20, G201	
DSCH	, G1A	, G101A	, G201A	
	, G1D	, G101D	, G201D	
	, G1E	, G101E	, G201E	
COOLING UNIT SCAN	, G14B	, G114B	, G214B	
DFC SCAN	, G15H	, G115H	, G215H	
	, G15J	, G115J	, G215J	
ALM	, G16	, G116	, G216	
SCAN	, G17	, G117	, G217	
	, G17A	, G117A	, G217A	
	, G17B	, G117B	, G217B	
	, G17C	, G117C	, G217C	
	, G17D	, G117D	, G217D	
	, G17E	, G117E	, G217E	
	, G17F	, G117F	, G217F	
	, G17G	, G117G	, G217G	

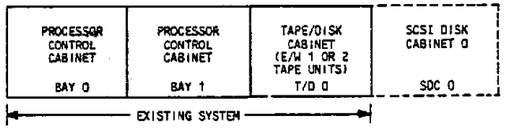


FIG. 1

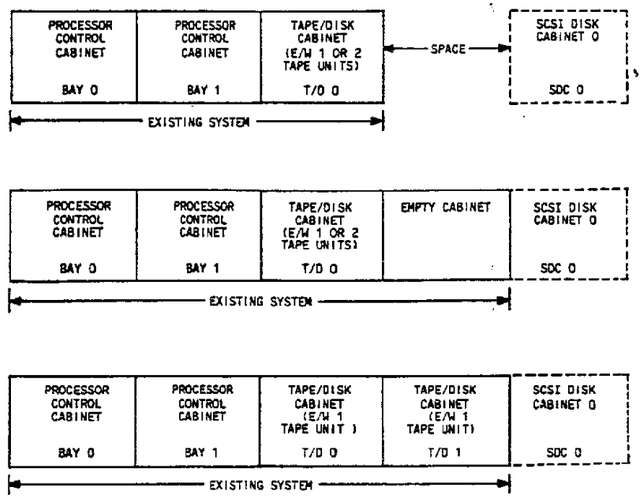


FIG. 2

COMPUTER SYSTEM		DWG SIZE 8S	ISSUE 13B
AT&T	SD-4C127-01		SHEET D48