

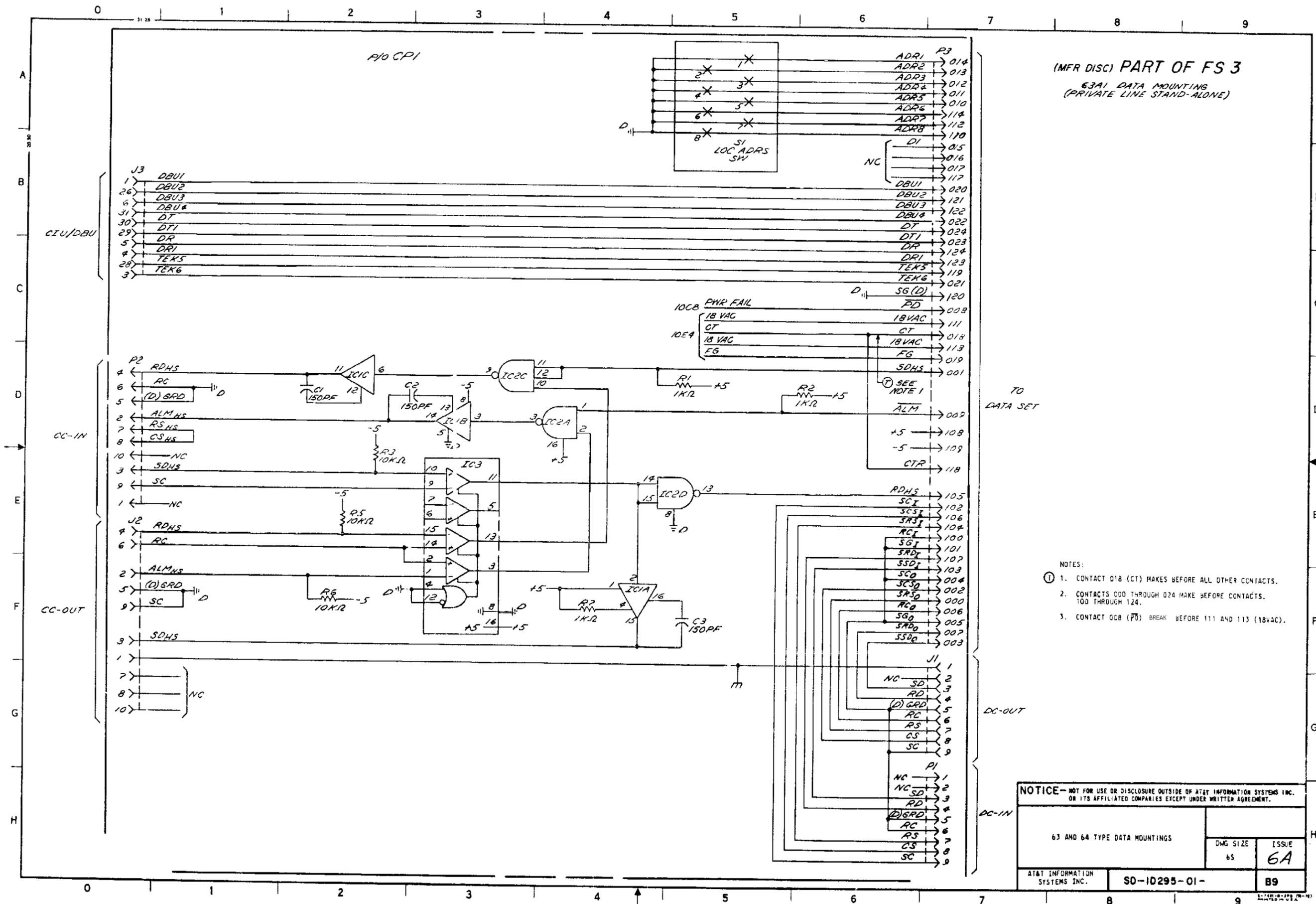
CONTENTS	SHEET NO.	ISSUE NO.																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
SHEET INDEX SUPPORTING INFORMATION	A1	1	2	3	4	5	6																			
<i>(RESERVED)</i>	B1																									
	B2																									
	B3																									
	B4																									
	B5																									
	B6																									
	B7																									
	B8																									
FS3-63A1 DATA MOUNTING (MFR DISC.) (PRIVATE LINE STAND-ALONE)	B9	1	2	3	4	4	6																			
	B10	1	2	3	3	3	6																			
	B11	1	1	1	1	1	6																			
FS4-64A1 AND 64C1 DATA MOUNTINGS (MFR DISC.) (PRIVATE LINE MULTIPLE)	B12	1	1	1	1	1	6																			
	B13	1	1	1	1	1	6																			
	B14	1	1	1	1	1	6																			
	B15	1	2	3	3	3	6																			
P/O FS5 - 6402 (MFR DISC.) AND 64C2 DATA MOUNTING (PRIVATE LINE MULTIPLE) FS8 - 64A2 DATA MOUNTING POWER UNIT } (MFR DISC.) FS9 - 6402 DATA MOUNTING FAN ASSEMBLY }	B16		2	3	4	5	6																			
	B17		2	3	4	5	6																			
P/O FS6-64A2 (MFR DISC.) AND 64C2 DATA MOUNTING (PRIVATE LINE MULTIPLE)	B18		2	3	4	5	6																			
	B19		2	3	3	3	6																			
FS6 - COMMON CIRCUITS FOR 64A2 (MFR DISC.) AND 64A3 DATA MOUNTING	B20		2	3	3	3	6																			
FS7 - COMMON CIRCUITS FOR 64C2 DATA MOUNTING	B21		2	3	4	4	6																			
	B22		2	3	3	3	3																			
FS11 - 64C2 DATA MOUNTING FAN ASSEMBLY FS12 - 64C2 DATA MOUNTING ALARM TERMINAL BOARD	B23		2	3	3	3	3																			
Ⓜ FS13 - 63A2 DATA MOUNTING (PRIVATE LINE STAND-ALONE)	B24		2	3	4	5	5																			
	B25		2	3	3	5	5																			
Ⓚ FS14 - 63A2 DATA MOUNTING (PRIVATE LINE STAND-ALONE)	B26					5	5																			
	B27					5	5																			
P/O FS15 - 64A3 DATA MOUNTING (PRIVATE LINE AND DDS/SC MULTIPLE) FS16 - 64A3 DATA MOUNTING POWER UNIT FS17 - 64A3 DATA MOUNTING FAN ASSEMBLY (101A1 FAN ASSEMBLY)	B28						6																			
	B29						6																			
	B30						6																			
P/O FS15 - 64A3 DATA MOUNTING (PRIVATE LINE AND DDS/SC MULTIPLE)	B31						6																			
	B32						6																			
	C1																									
	C2																									
	C3																									
	C4																									
<i>(RESERVED)</i>																										

CONTENTS	SHEET NO.	ISSUE NO.																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
APP FIG. 3 (MFR DISC.)	C5	1	2	3	4	4	6																			
PART OF APP FIG. 4 (MFR DISC.)	C6	1	1	1	1	1	6																			
PART OF APP FIG. 4, APP FIGS. 5,6 (MFR DISC.)	C7	1	2	3	3	3	6																			
PART OF APP FIG. 7	C8		2	3	3	3	6																			
PART OF APP FIG. 7, APP FIG. 10 (MFR DISC.), APP FIG. 11 (MFR DISC.), APP FIGS. 12,13	C9		2	3	4	4	6																			
APP FIG. 8	C10		2	3	3	5	6																			
APP FIG. 9	C11		2	3	4	5	5																			
	C12		2	3	4	4	4																			
Ⓜ APP FIG. 14	C13		2	3	4	5	5																			
Ⓚ APP FIG. 15	C14					5	5																			
APP FIGS. 16,17	C15						6																			
CIRCUIT NOTES	D1	1	2	3	4	5	6																			
EQUIPMENT NOTES	D2	1	2	3	3	3	3																			
INFORMATION NOTES	D3		2	3	3	3	3																			

DWG ISSUE	CD ISSUE	DATE ISSUED	BY	CHKD	NO.
1	1	4-23-80	AEZ	AEZ	HQ
2A	2A	11-10-81	AEZ	AEZ	HQ
3B	2A	APP-1-19-82	AEZ	AEZ	HQ
4A	2A	APP-2A	AEZ	AEZ	HZ
5B	2A	APP-3B	AEZ	AEZ	HZ
6A	2A	APP-4A	AEZ	AEZ	HZ

SUPPORTING INFORMATION		SHEET INDEX NOTES	
CATEGORY	NO.		
MANUFACTURING TESTING REQUIREMENTS 63A DATA MOUNTINGS 64A & 64C DATA MOUNTINGS	X-18504 X-18505	1. WHEN CHANGES ARE MADE IN THIS DRAWING ONLY THOSE SHEETS AFFECTED WILL BE REISSUED. 2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED. 3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX. 4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER. 5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.	
BSP 64 TYPE DATA MOUNTING IDENTIFICATION	590-102-161		
NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE OF AT&T INFORMATION SYSTEMS INC. OR ITS AFFILIATED COMPANIES EXCEPT UNDER WRITTEN AGREEMENT.			
DATA SYSTEMS STATION 63 AND 64 TYPE DATA MOUNTINGS			
AT&T INFORMATION SYSTEMS INC. SD-ID295-01-A1			

1LO2	AT&T STANDARD
DWG SIZE 65	ISSUE 6A
39 SHEETS	



(MFR DISC) PART OF FS 3
 63A1 DATA MOUNTING
 (PRIVATE LINE STAND-ALONE)

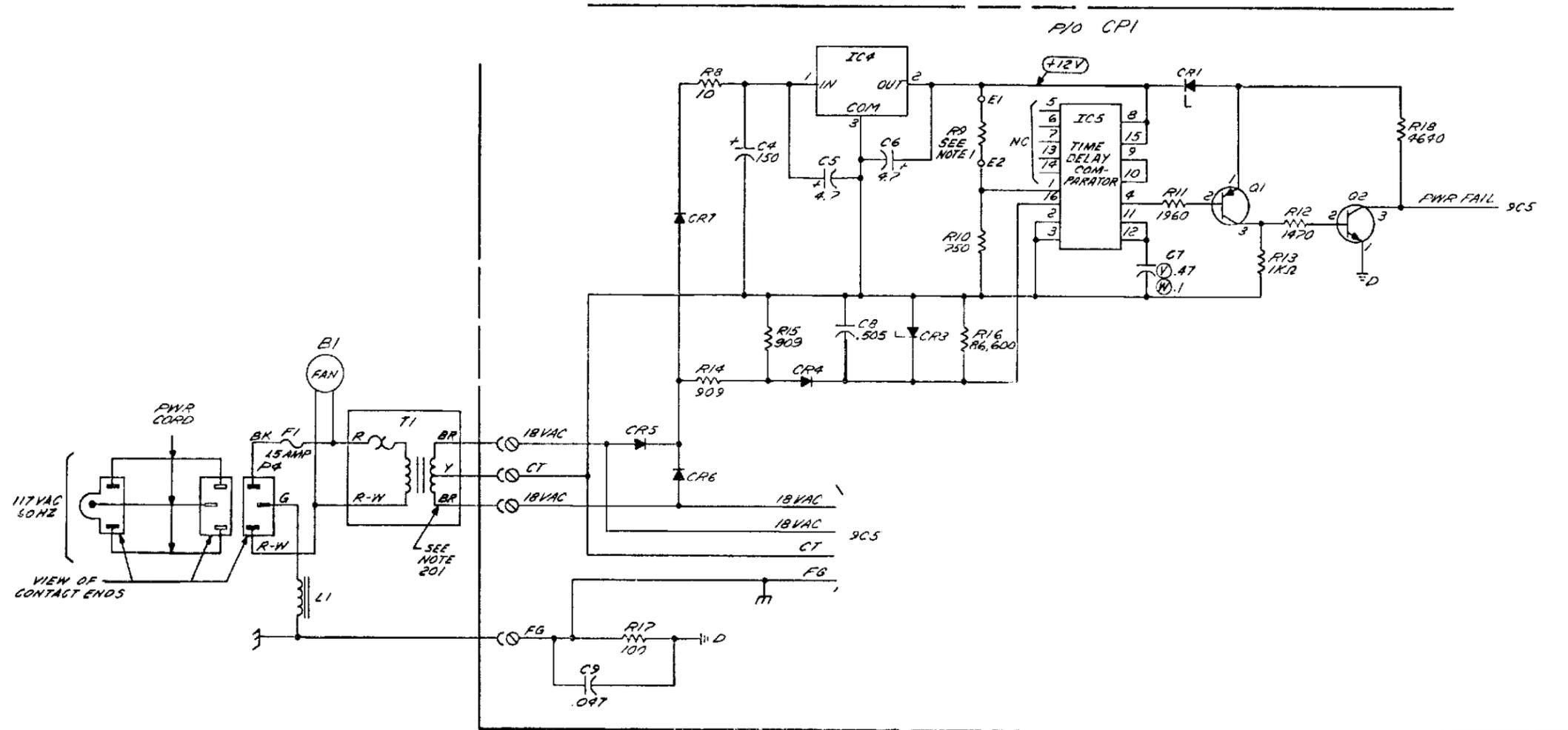
- NOTES:
- CONTACT 018 (CT) MAKES BEFORE ALL OTHER CONTACTS.
 - CONTACTS 000 THROUGH 024 MAKE BEFORE CONTACTS 100 THROUGH 124.
 - CONTACT 008 (PD) BREAK BEFORE 111 AND 113 (18VAC).

NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE OF AT&T INFORMATION SYSTEMS INC. OR ITS AFFILIATED COMPANIES EXCEPT UNDER WRITTEN AGREEMENT.

63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	6A
AT&T INFORMATION SYSTEMS INC.	SD-10295-01-	B9	

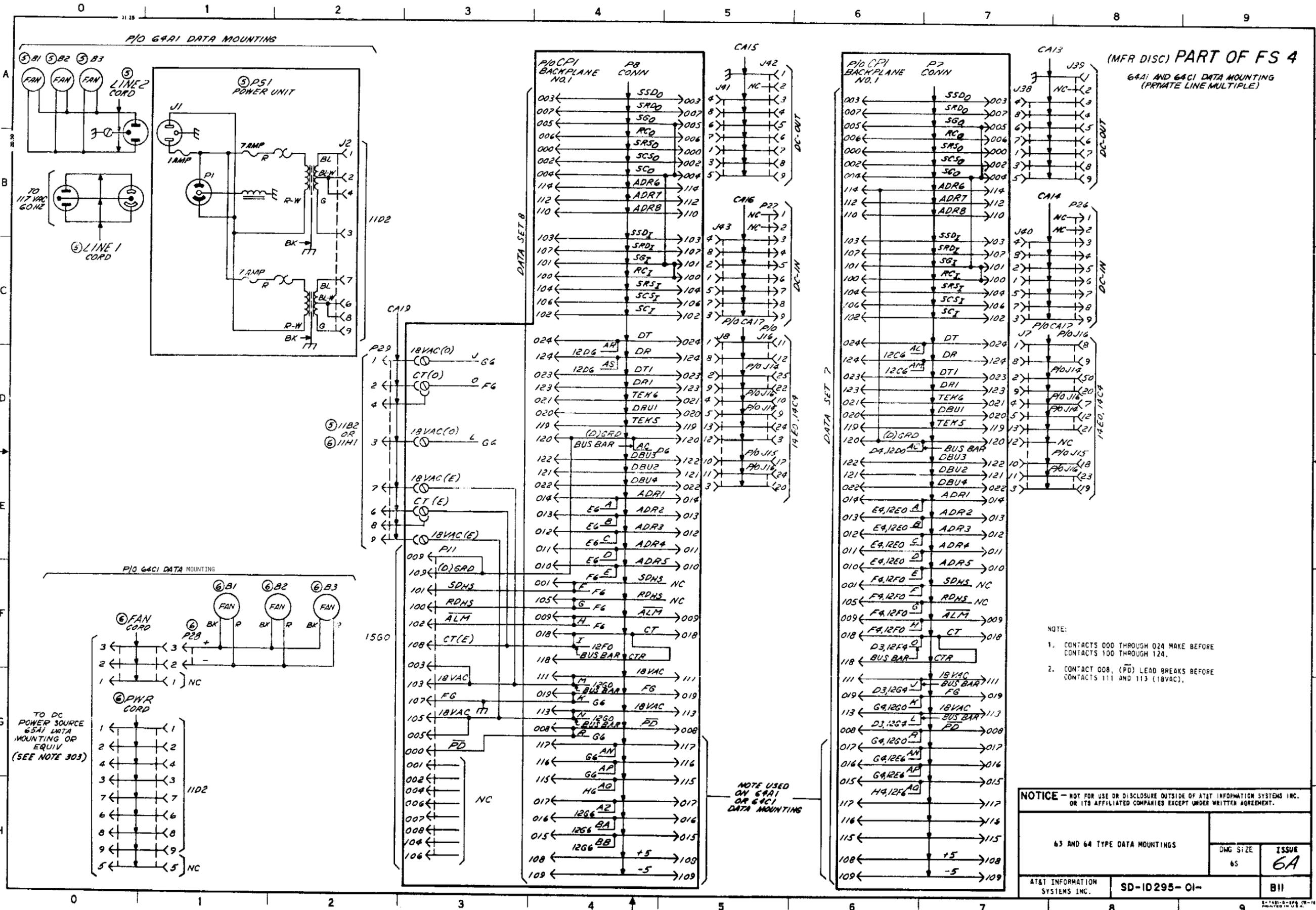
(MFR DISC) PART OF FS 3

6.3A1 DATA MOUNTING
(PRIVATE LINE STAND-ALONE)



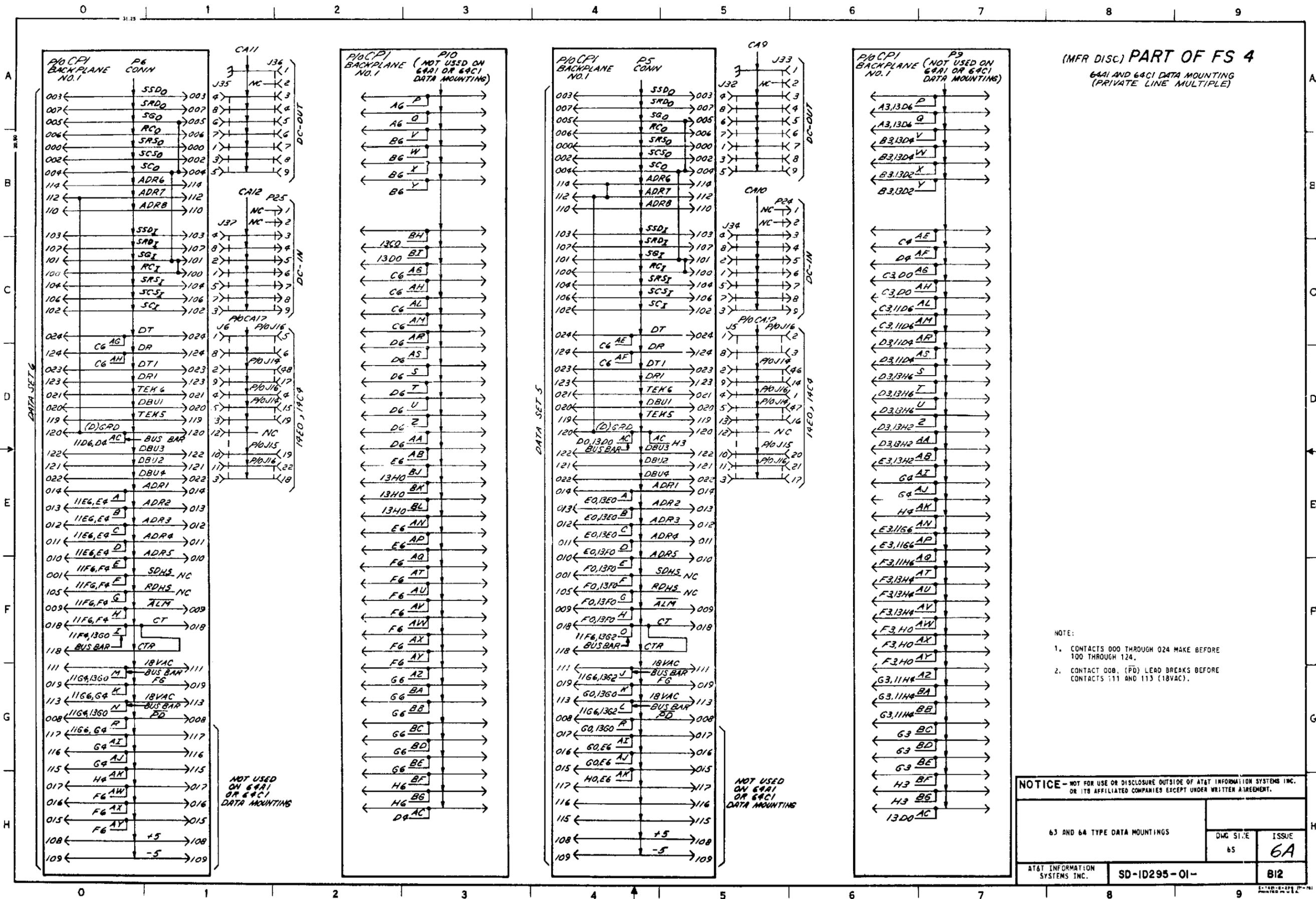
NOTES:
1. SELECT AT TIME OF TEST.

NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE OF AT&T INFORMATION SYSTEMS INC. OR ITS AFFILIATED COMPANIES EXCEPT UNDER WRITTEN AGREEMENT.		
63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE	ISSUE
	65	6A
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	B10



(MFR DISC) PART OF FS 4
64A1 AND 64C1 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	6A
AT&T INFORMATION SYSTEMS INC.		SD-ID295-01- B11	

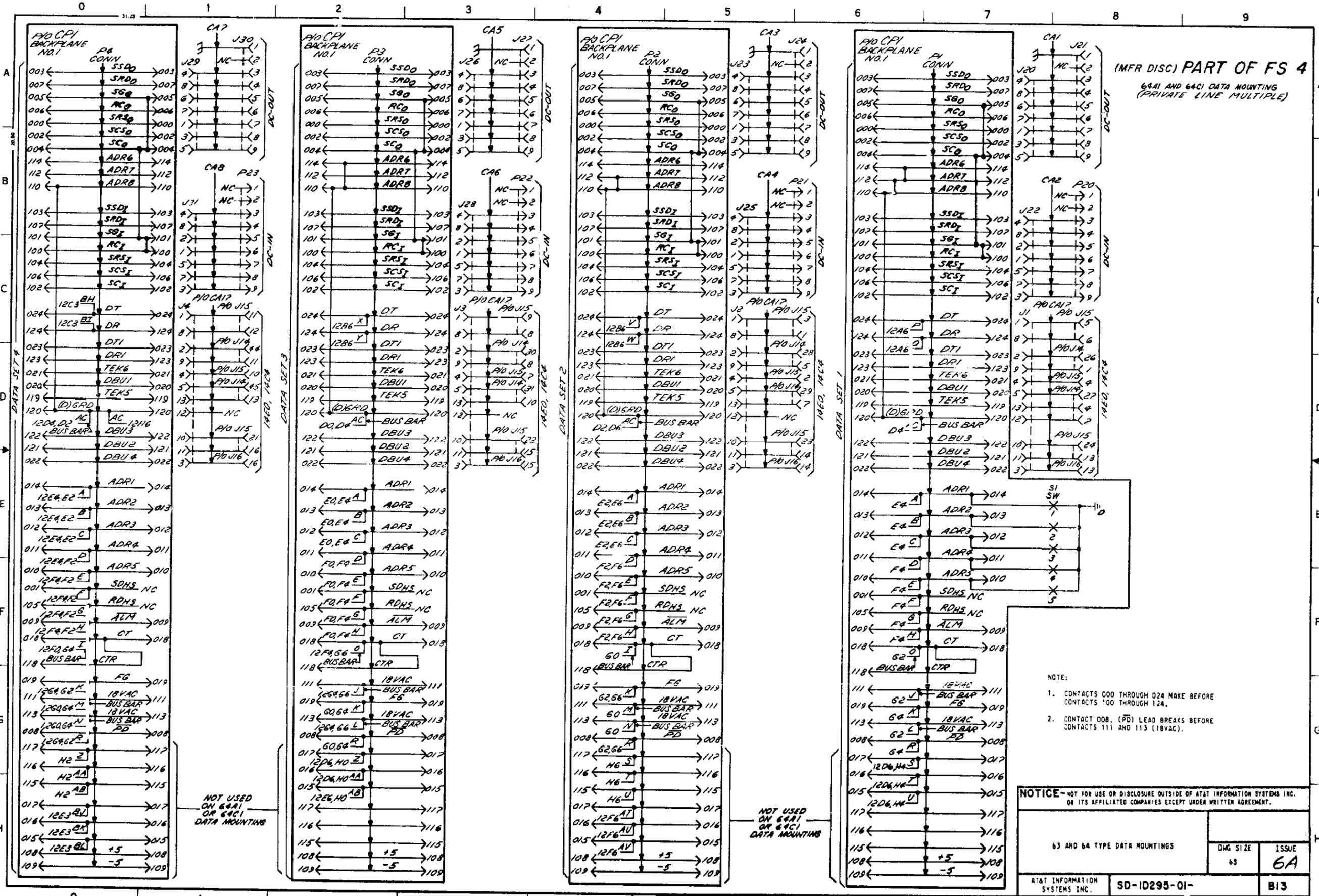


(MFR DISC) PART OF FS 4
64A1 AND 64C1 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

- NOTE:
- CONTACTS 000 THROUGH 024 MAKE BEFORE 100 THROUGH 124.
 - CONTACT 008, (FD) LEAD BREAKS BEFORE CONTACTS 111 AND 113 (18VAC).

NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE OF AT&T INFORMATION SYSTEMS INC. OR ITS AFFILIATED COMPANIES EXCEPT UNDER WRITTEN AGREEMENT.

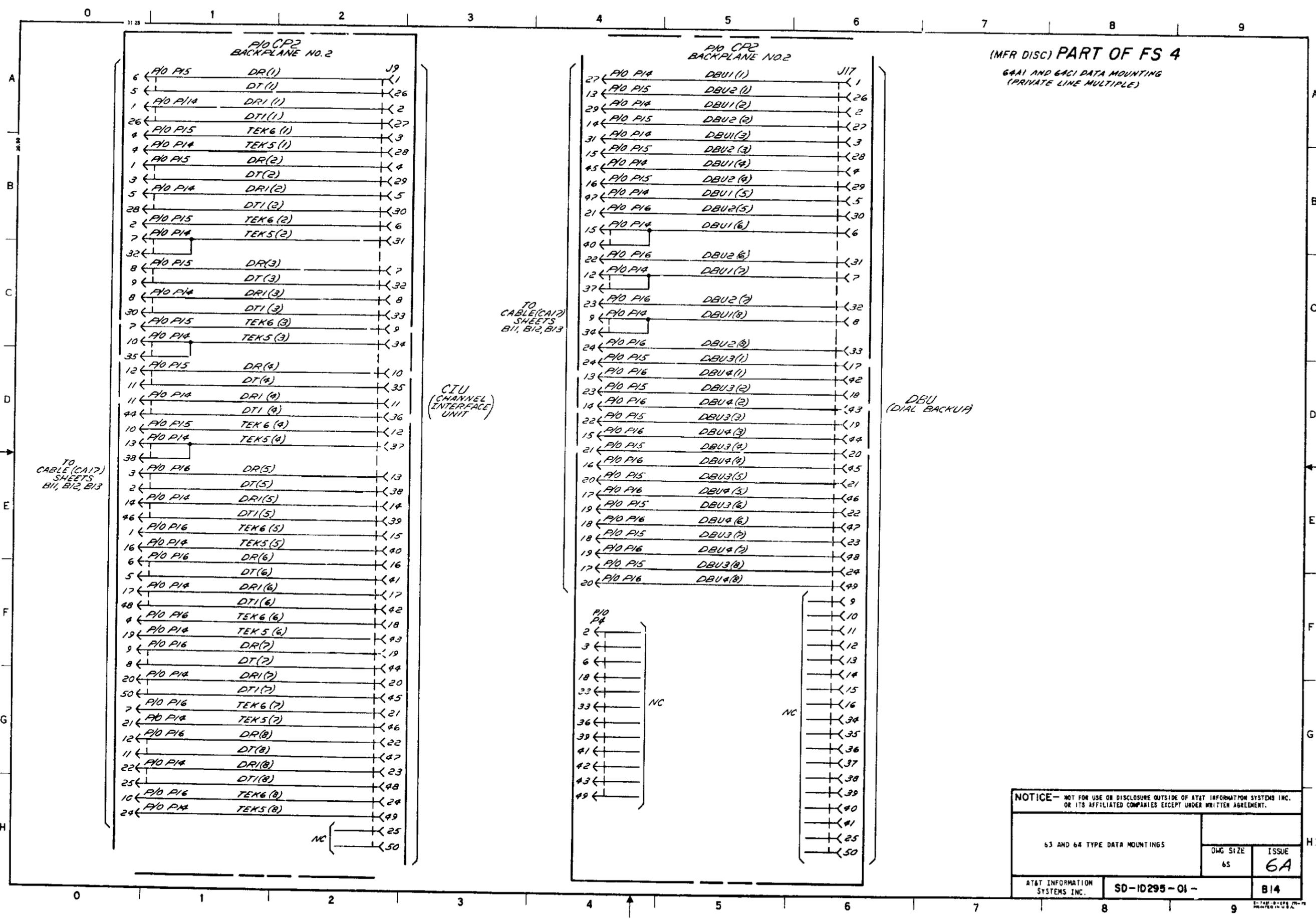
63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	6A
AT&T INFORMATION SYSTEMS INC.		SD-10295-01-	B12



(MFR DISC) PART OF FS 4
6441 AND 64C1 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

NOTE:
1. CONTACTS 000 THROUGH 024 MAKE BEFORE CONTACTS 100 THROUGH 124.
2. CONTACT 008, (PD) LEAD BREAKS BEFORE CONTACTS 111 AND 113 (18VAC).

63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		63	6A
AT&T INFORMATION SYSTEMS INC.		SD-ID295-01-	B13



(MFR DISC) PART OF FS 4
64A1 AND 64C1 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

TO
CABLE (CA17)
SHEETS
B11, B12, B13

CIU
(CHANNEL
INTERFACE
UNIT)

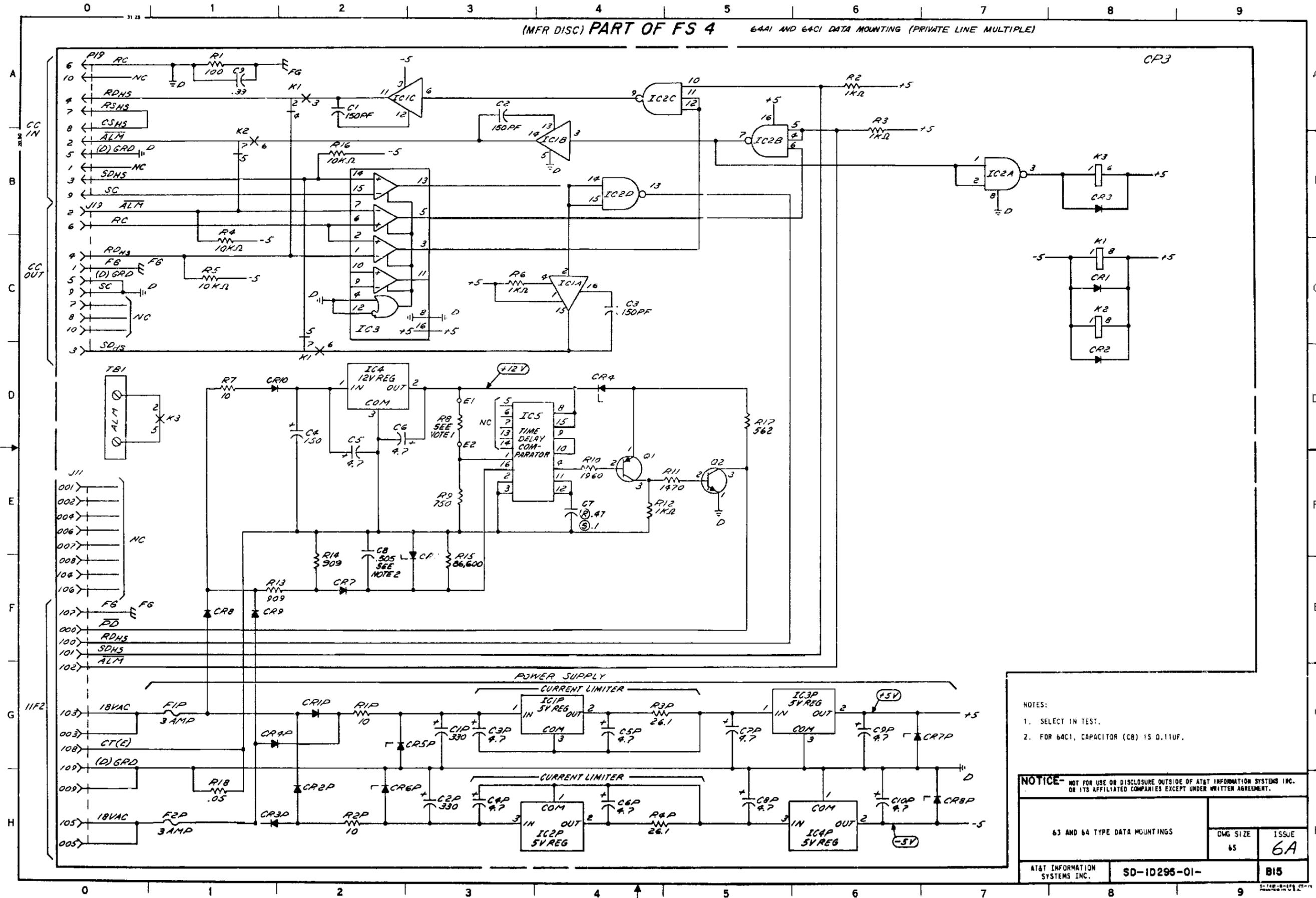
DBU
(DIAL BACKUP)

TO
CABLE (CA17)
SHEETS
B11, B12, B13

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63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	6A
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	B14	

(MFR DISC) PART OF FS 4 6441 AND 64C1 DATA MOUNTING (PRIVATE LINE MULTIPLE)

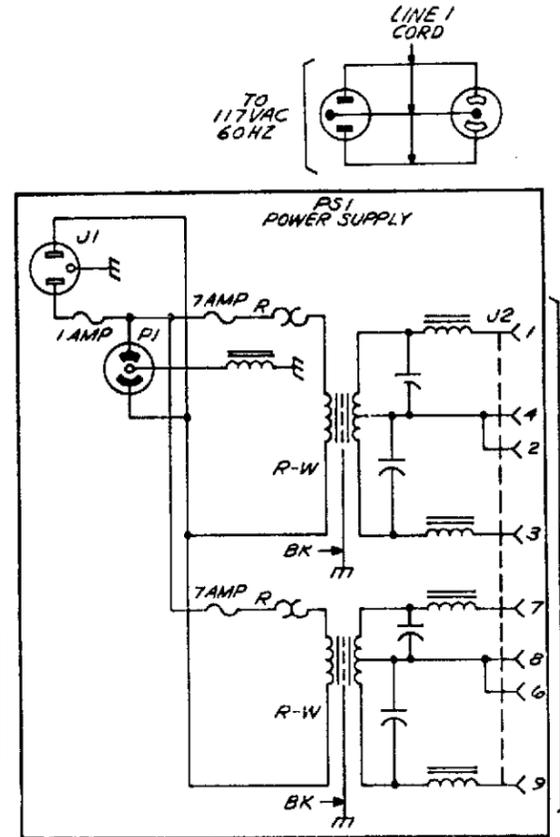


- NOTES:
1. SELECT IN TEST.
 2. FOR 64C1, CAPACITOR (C8) IS 0.11UF.

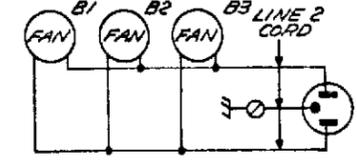
NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE OF AT&T INFORMATION SYSTEMS INC. OR ITS AFFILIATED COMPANIES EXCEPT UNDER WRITTEN AGREEMENT.

63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	6A
AT&T INFORMATION SYSTEMS INC.		SD-10295-01-	B15

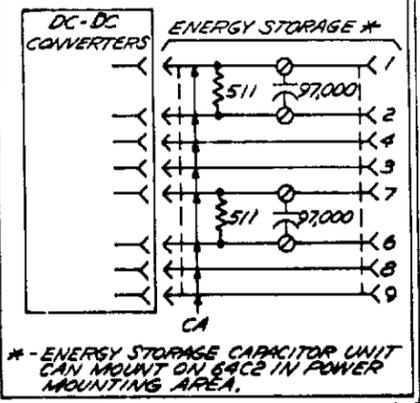
(MFR DISC) FS 8
6442 DATA MOUNTING POWER UNIT



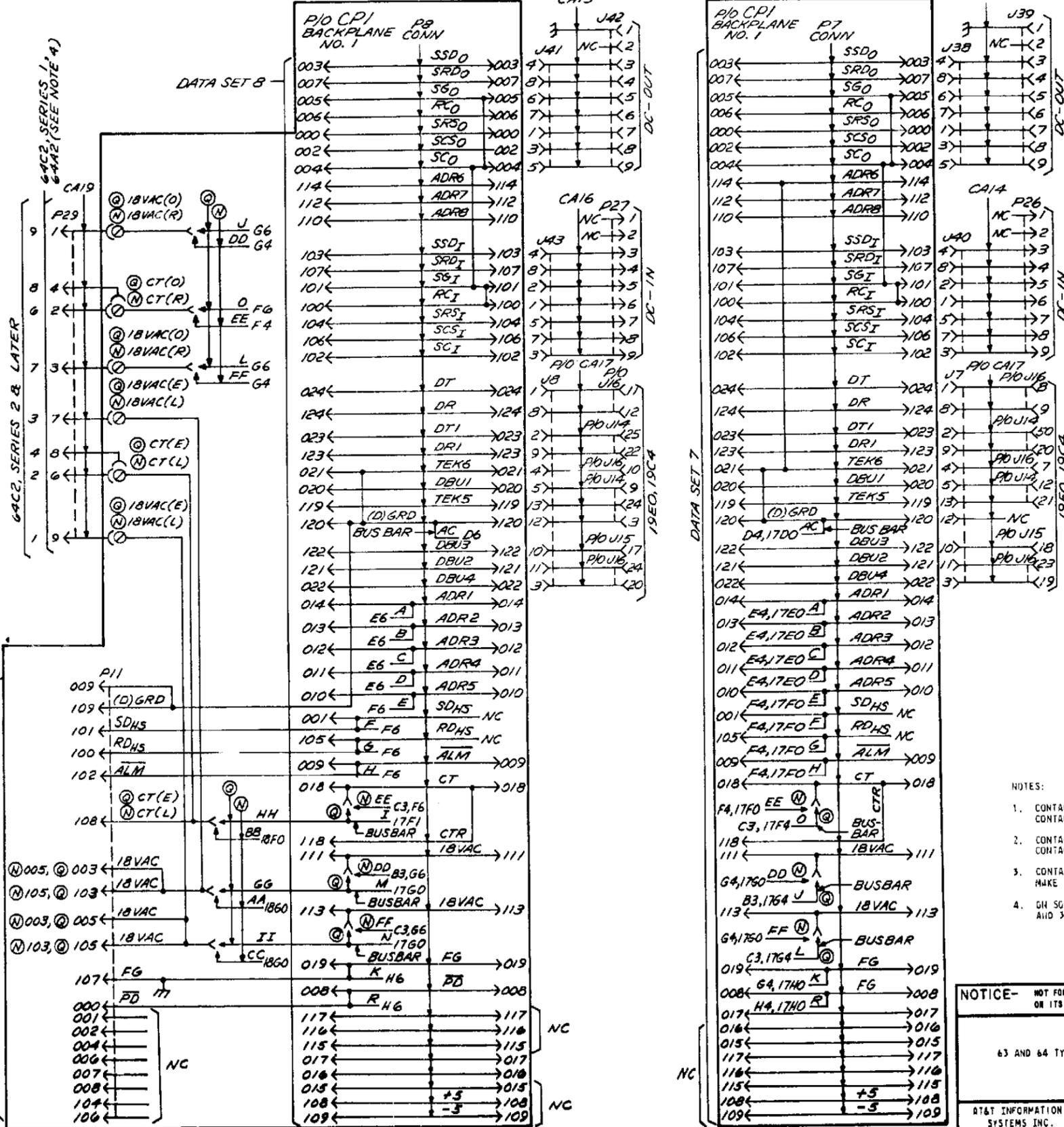
(MFR DISC) FS 9
6442 DATA MOUNTING FAN ASSEMBLY



DC POWER SOURCE
65A1 DATA MOUNTING
OR EQUIV
(NOT PART OF 64C2)



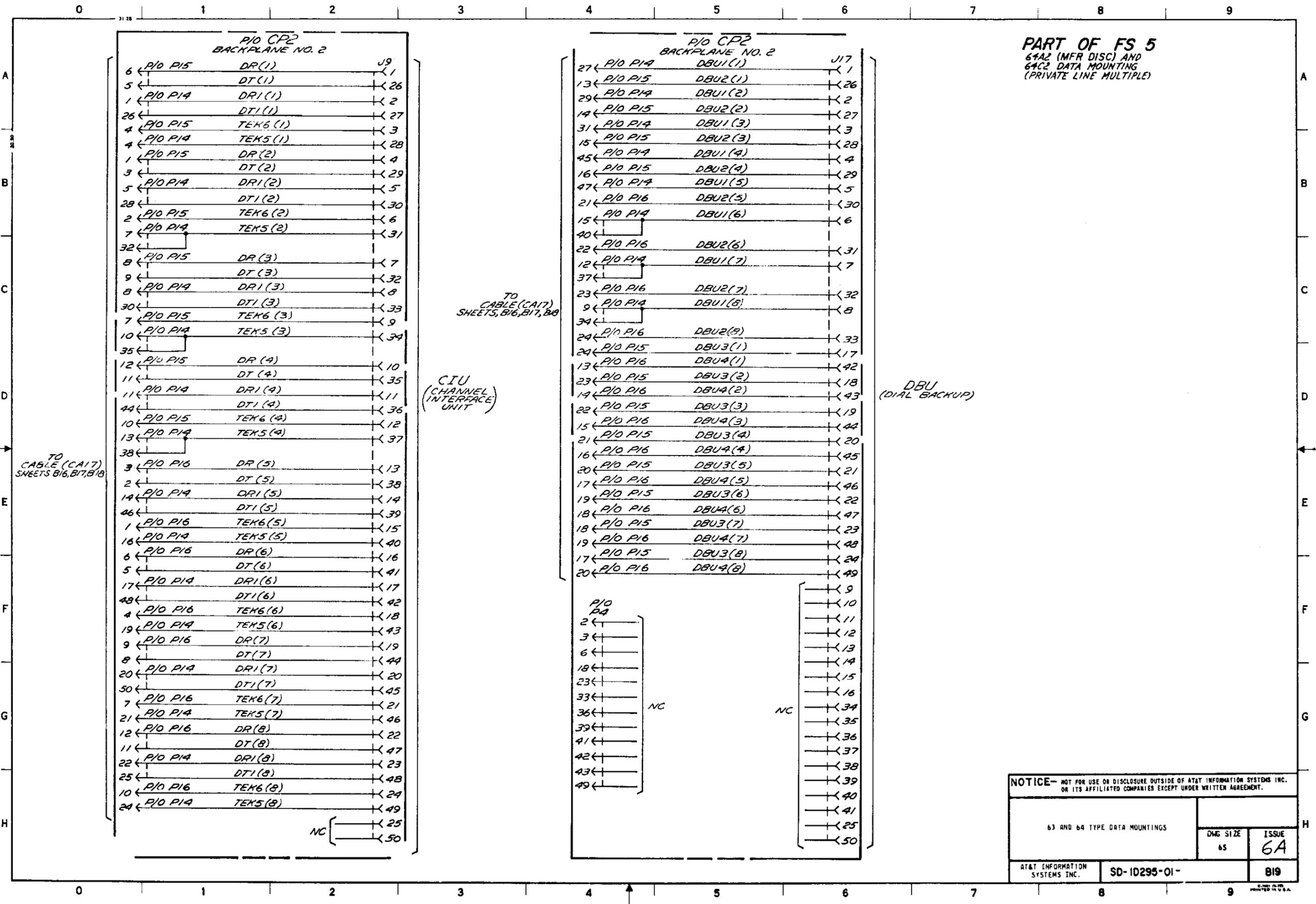
PART OF FS 5
6442 (MFR DISC) AND
64C2 DATA MOUNTING
(PRIVATE LINE MULTIPLE)



- NOTES:
- CONTACTS 000 THROUGH 024 MAKE BEFORE CONTACTS 100 THROUGH 124.
 - CONTACT 008, (PD) LEAD BREAKS BEFORE CONTACTS 111 AND 113 (18VAC).
 - CONTACTS 018 (CT) AND 021 (D GRD) MAKE BEFORE ALL OTHER CONTACTS.
 - ON SOME EARLY VERSIONS OF 6442 PINS 1 AND 3 WERE INTERCHANGED.

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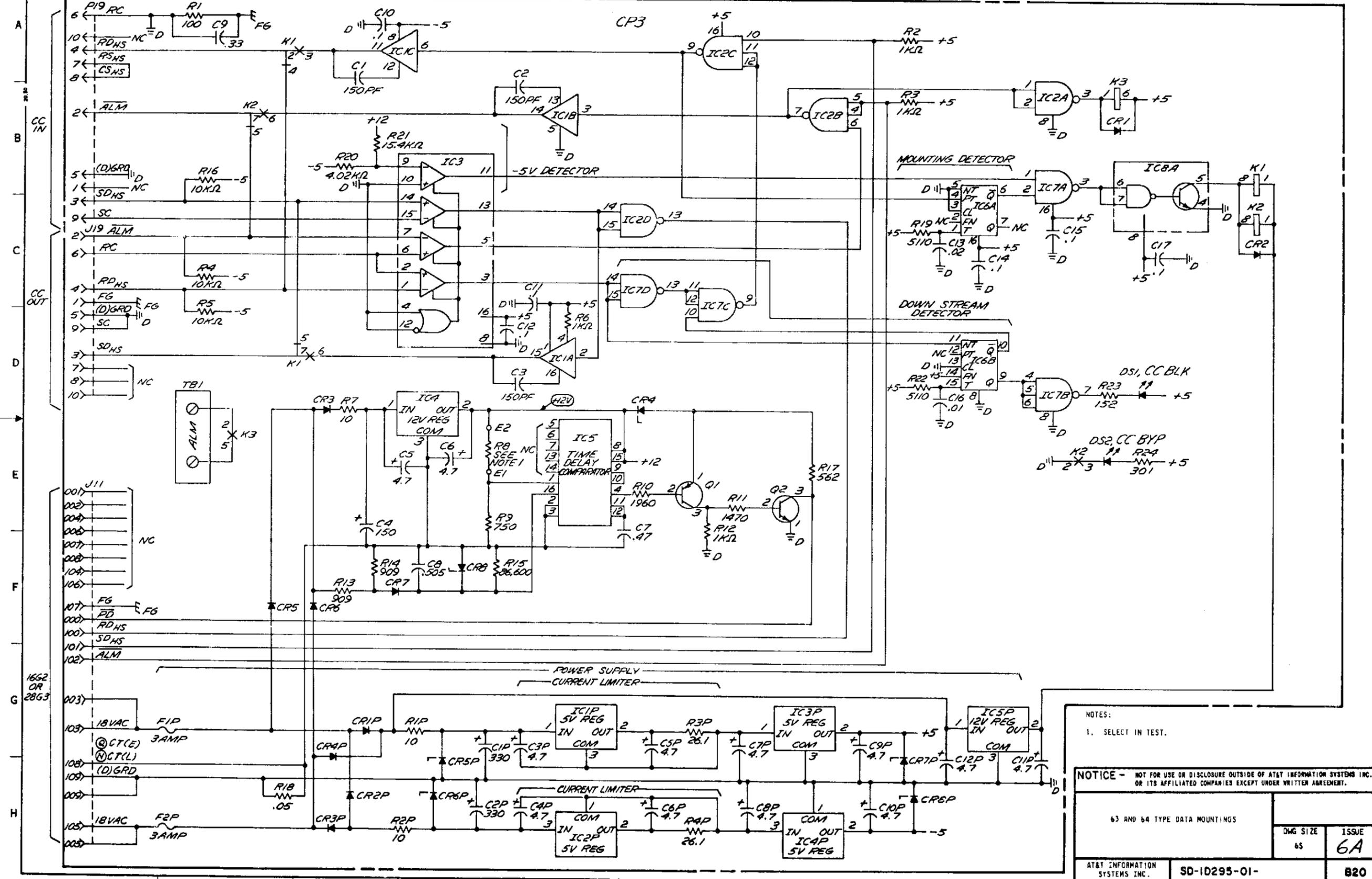
63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	6A
AT&T INFORMATION SYSTEMS INC.		SD-ID295-01-	B16



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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE	ISSUE
	65	6A
AT&T INFORMATION SYSTEMS INC.	SD-1D295-01-	819

FS 6
COMMON CIRCUITS FOR 64A2 (MFR DISC) AND 64A3 DATA MOUNTING



NOTES:
1. SELECT IN TEST.

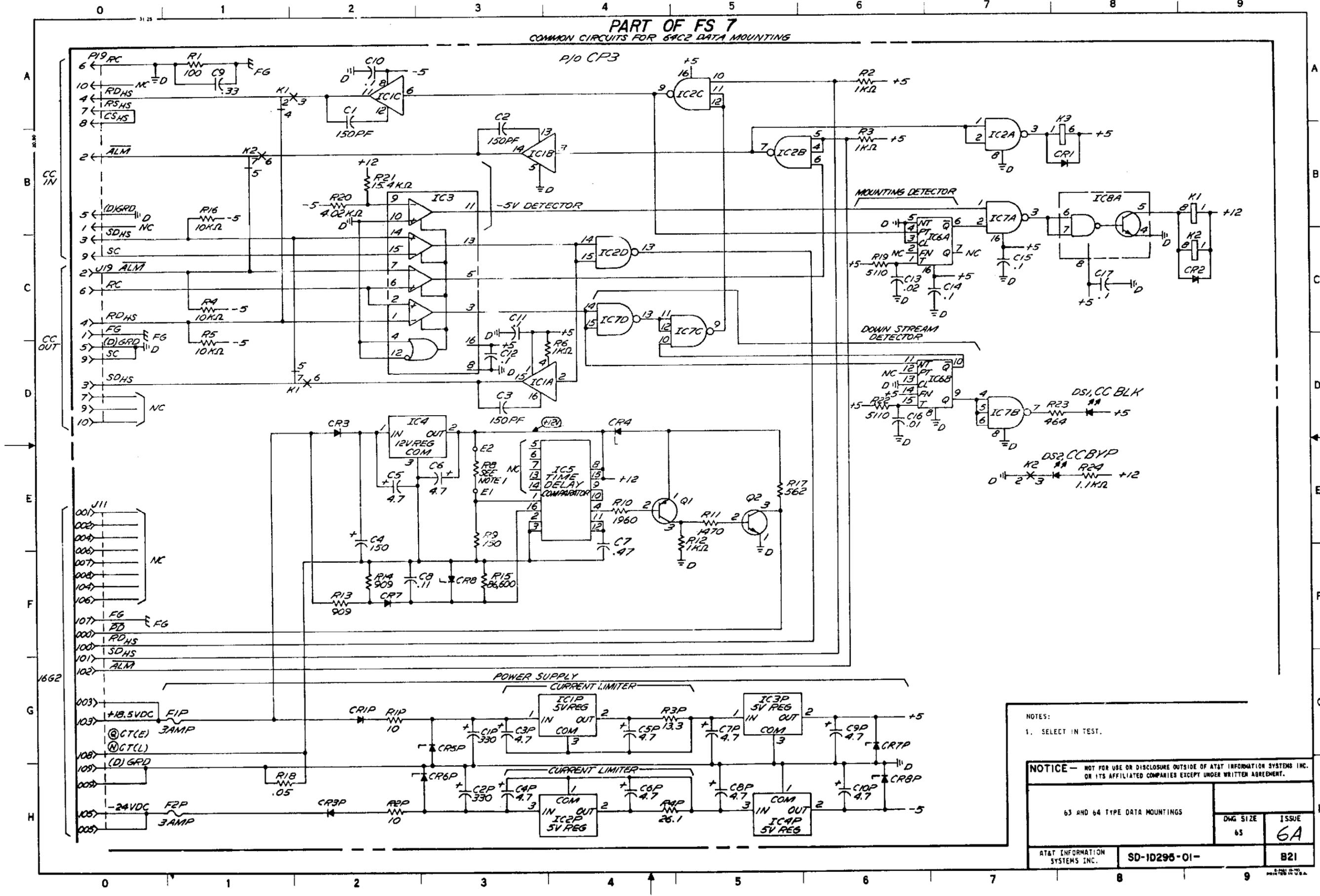
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63 AND 64 TYPE DATA MOUNTINGS

DWG SIZE	ISSUE
65	6A

AT&T INFORMATION SYSTEMS INC. SD-10295-01- B20

PART OF FS 7
COMMON CIRCUITS FOR 64C2 DATA MOUNTING



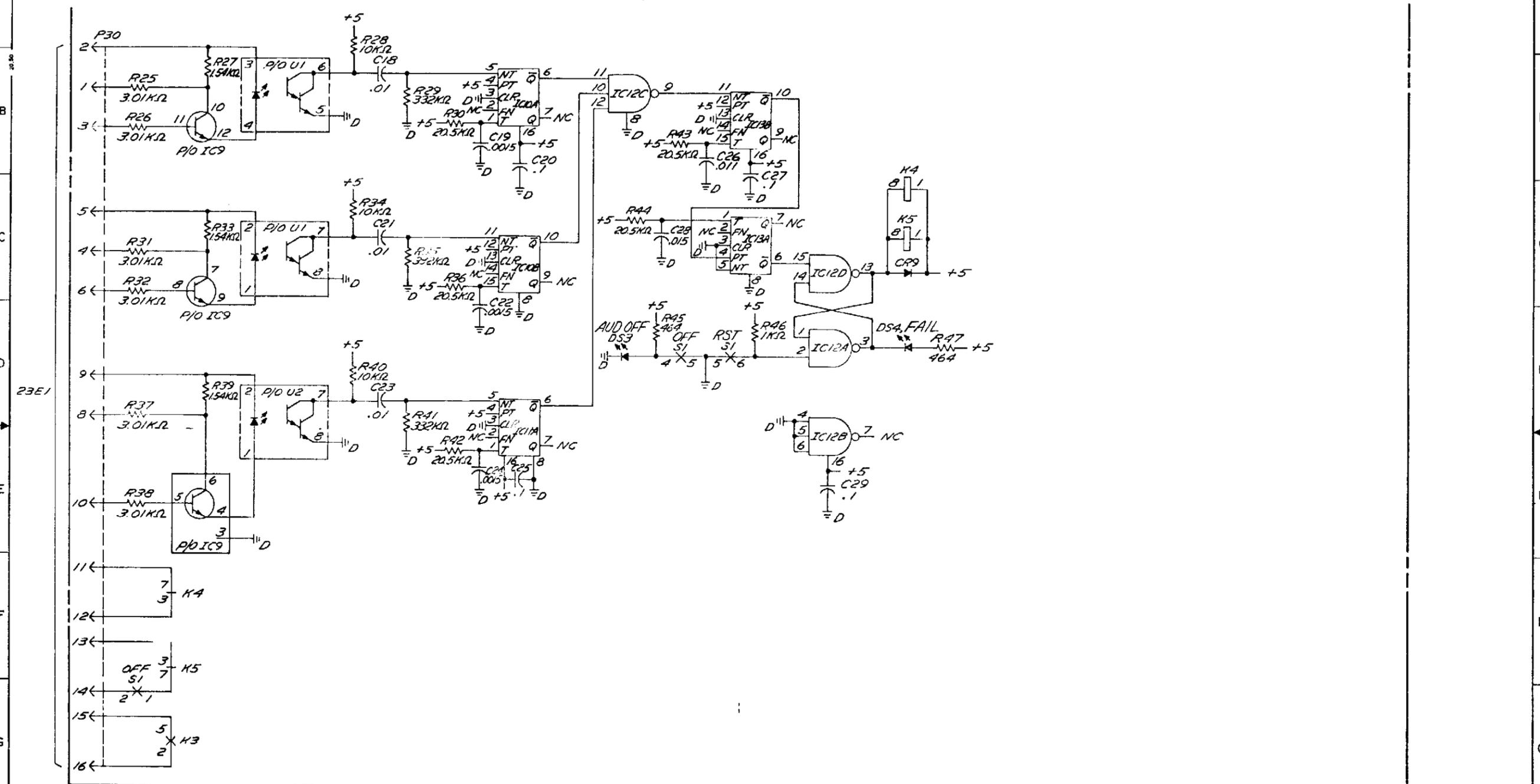
NOTES:
1. SELECT IN TEST.

NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE OF AT&T INFORMATION SYSTEMS INC. OR ITS AFFILIATED COMPANIES EXCEPT UNDER WRITTEN AGREEMENT.

63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE 63	ISSUE 6A
AT&T INFORMATION SYSTEMS INC.	SD-10295-01-	B21

PART OF FS 7
COMMON CIRCUITS FOR 64C2 DATA MOUNTING

P10 CP3

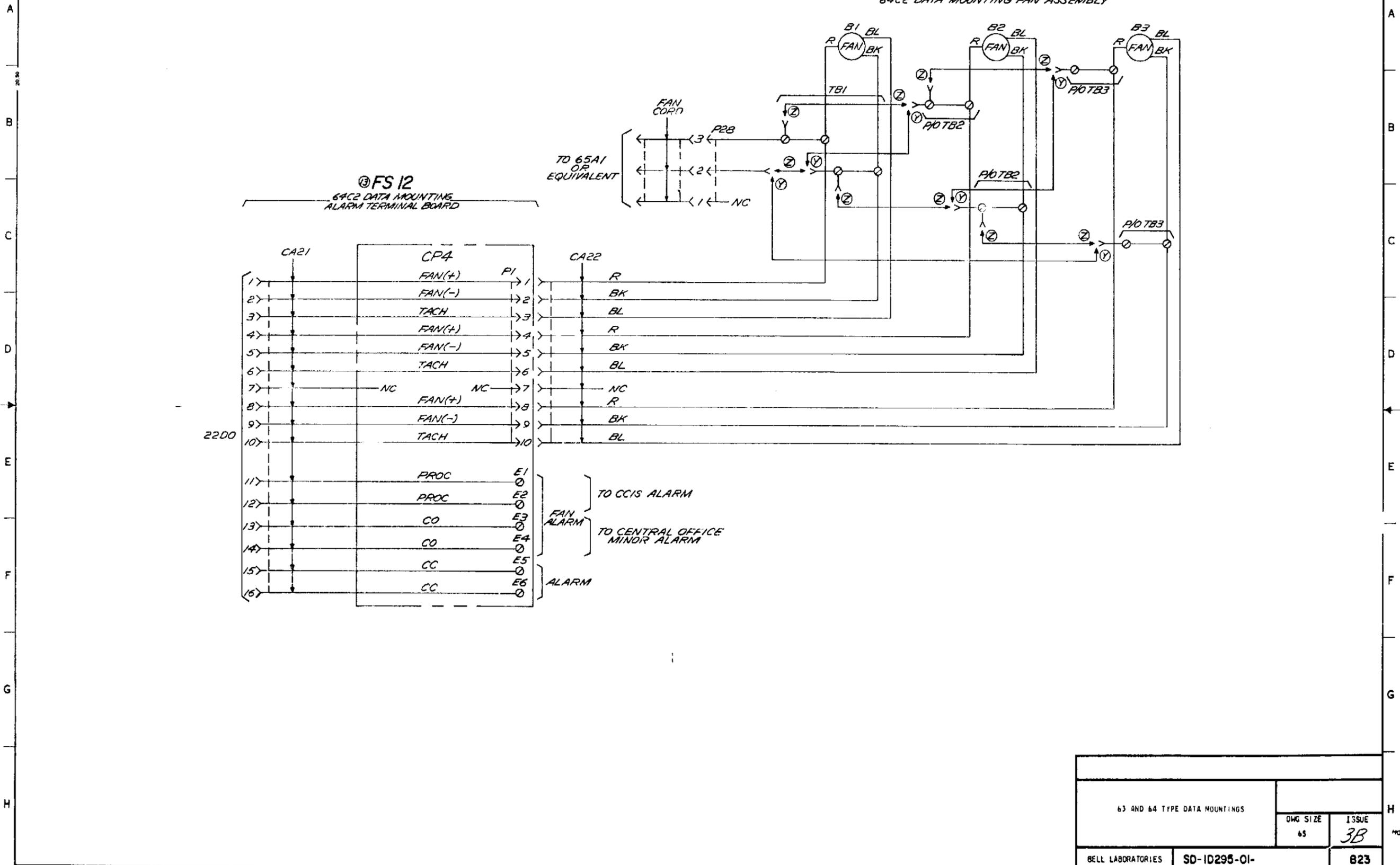


23E1

63 AND 64 TYPE DATA MOUNTINGS		DMG SIZE	ISSUE
		65	3B
BELL LABORATORIES	SD-ID295-01-	B22	

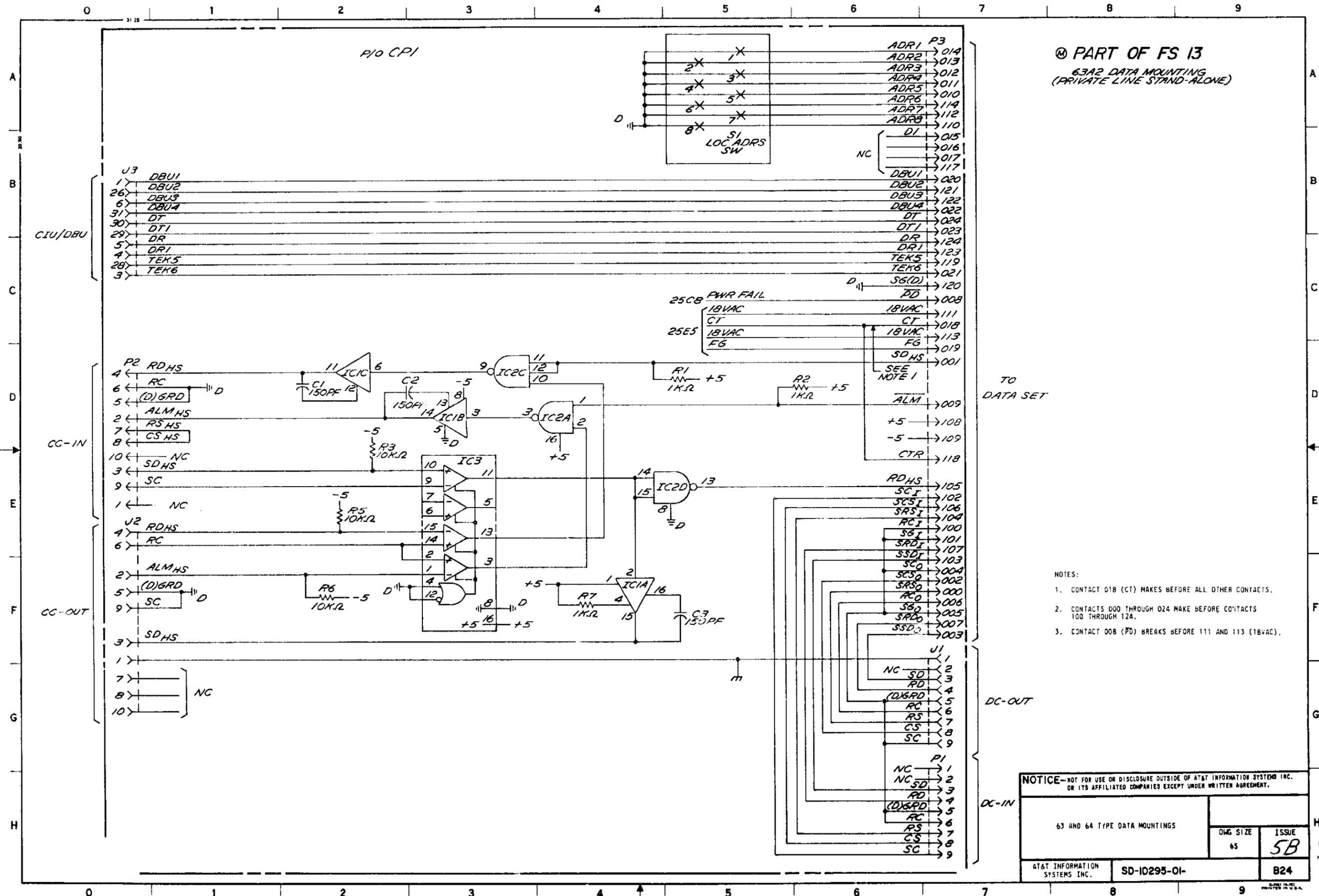
PRINTED IN U.S.A.

0 1 2 3 4 5 6 7 8 9



63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	3B
BELL LABORATORIES	SD-ID295-01-	823	

0 1 2 3 4 5 6 7 8 9



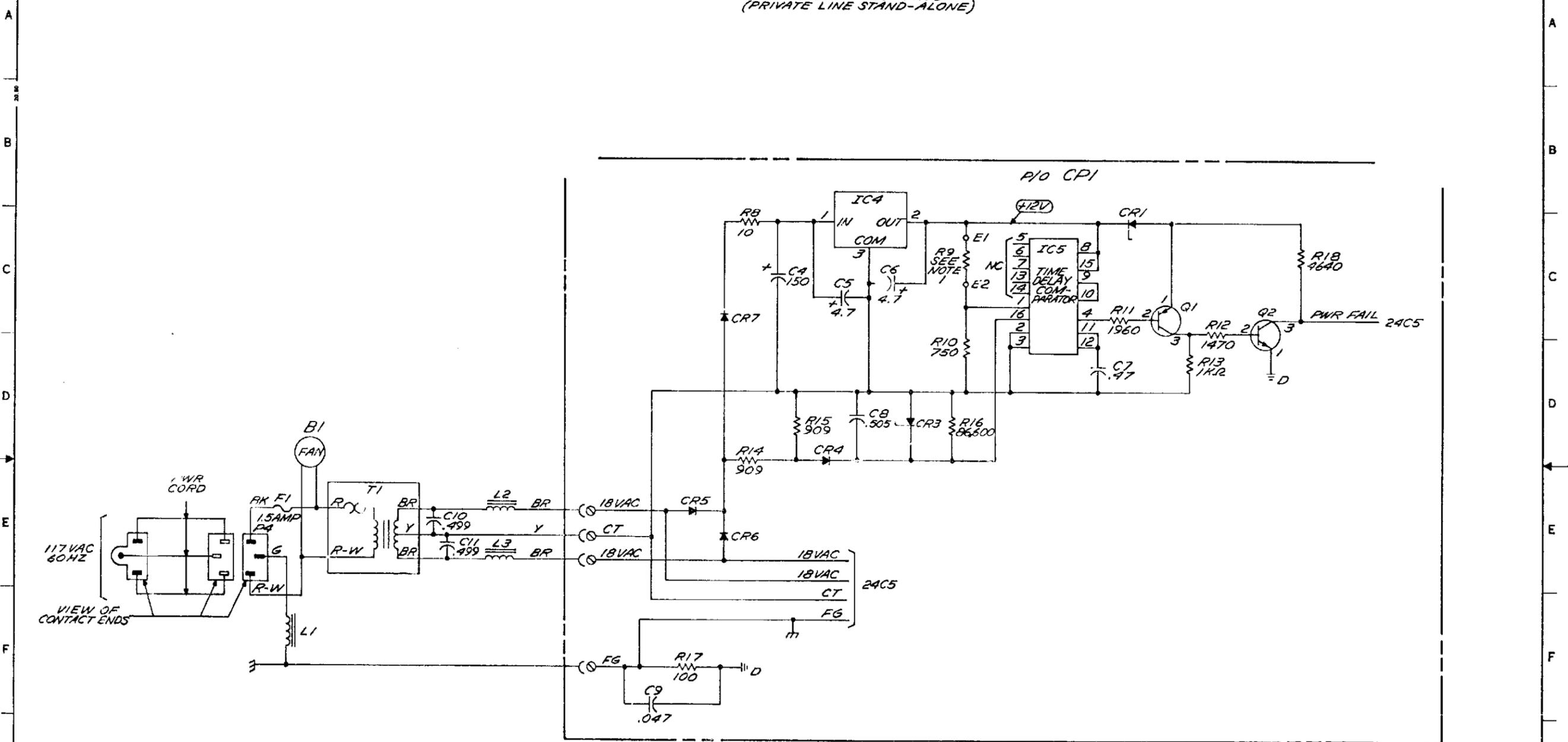
© PART OF FS 13
63A2 DATA MOUNTING
(PRIVATE LINE STAND-ALONE)

- NOTES:
- CONTACT 018 (CT) MAKES BEFORE ALL OTHER CONTACTS.
 - CONTACTS 000 THROUGH 024 MAKE BEFORE CONTACTS 100 THROUGH 124.
 - CONTACT 008 (PD) BREAKS BEFORE 111 AND 113 (18VAC).

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63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	5B
AT&T INFORMATION SYSTEMS INC.	SD-10295-01-	B24	

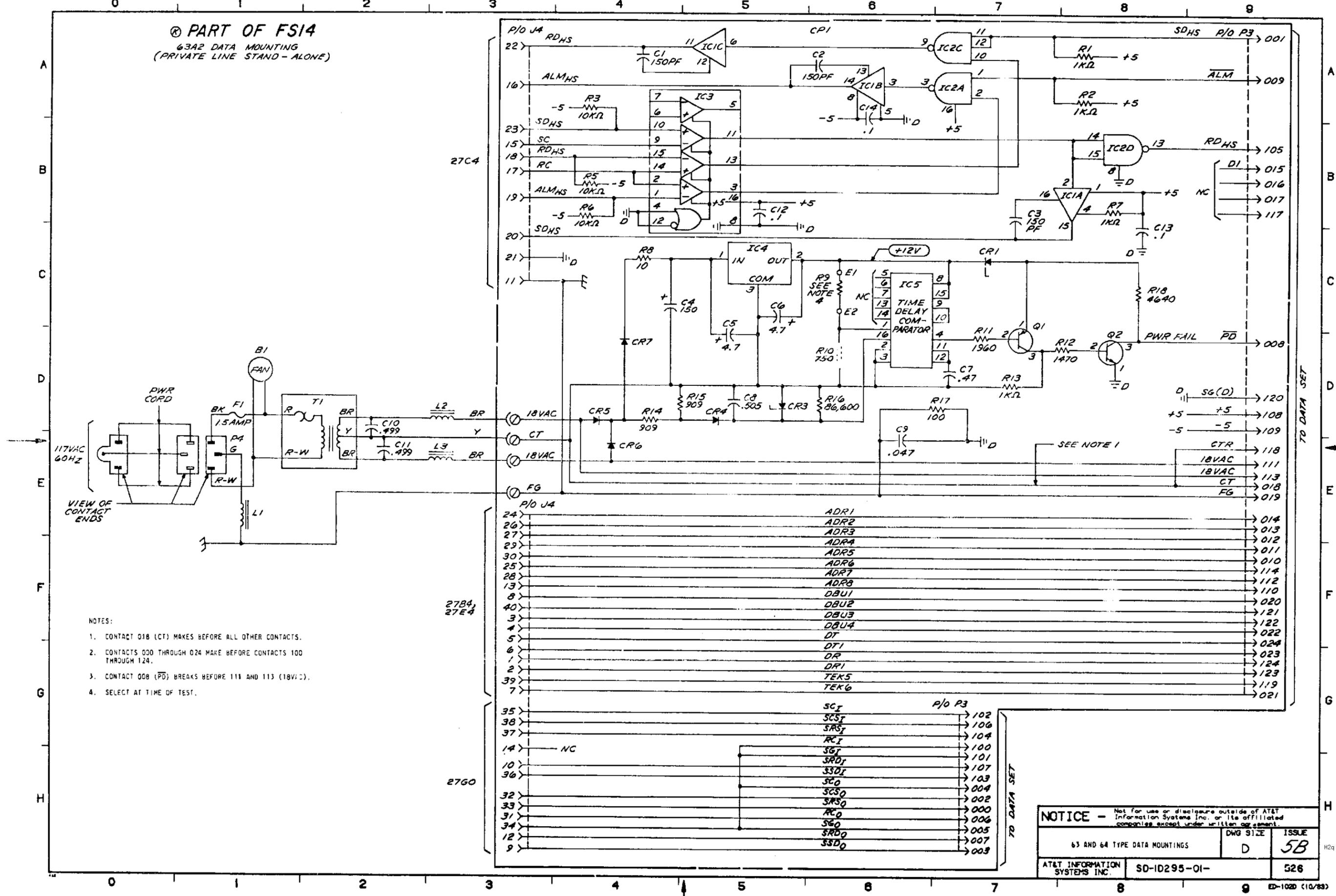
© PART OF FS 13
 63A2 DATA MOUNTING
 (PRIVATE LINE STAND-ALONE)



NOTES:
 1. SELECT AT TIME OF TEST.

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63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE 65
		ISSUE 5B
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	B25

⊗ PART OF FS14
63A2 DATA MOUNTING
(PRIVATE LINE STAND-ALONE)



- NOTES:
- CONTACT 018 (CT) MAKES BEFORE ALL OTHER CONTACTS.
 - CONTACTS 030 THROUGH 024 MAKE BEFORE CONTACTS 100 THROUGH 124.
 - CONTACT 008 (PD) BREAKS BEFORE 111 AND 113 (18VAC).
 - SELECT AT TIME OF TEST.

27B4,
27E4

27G0

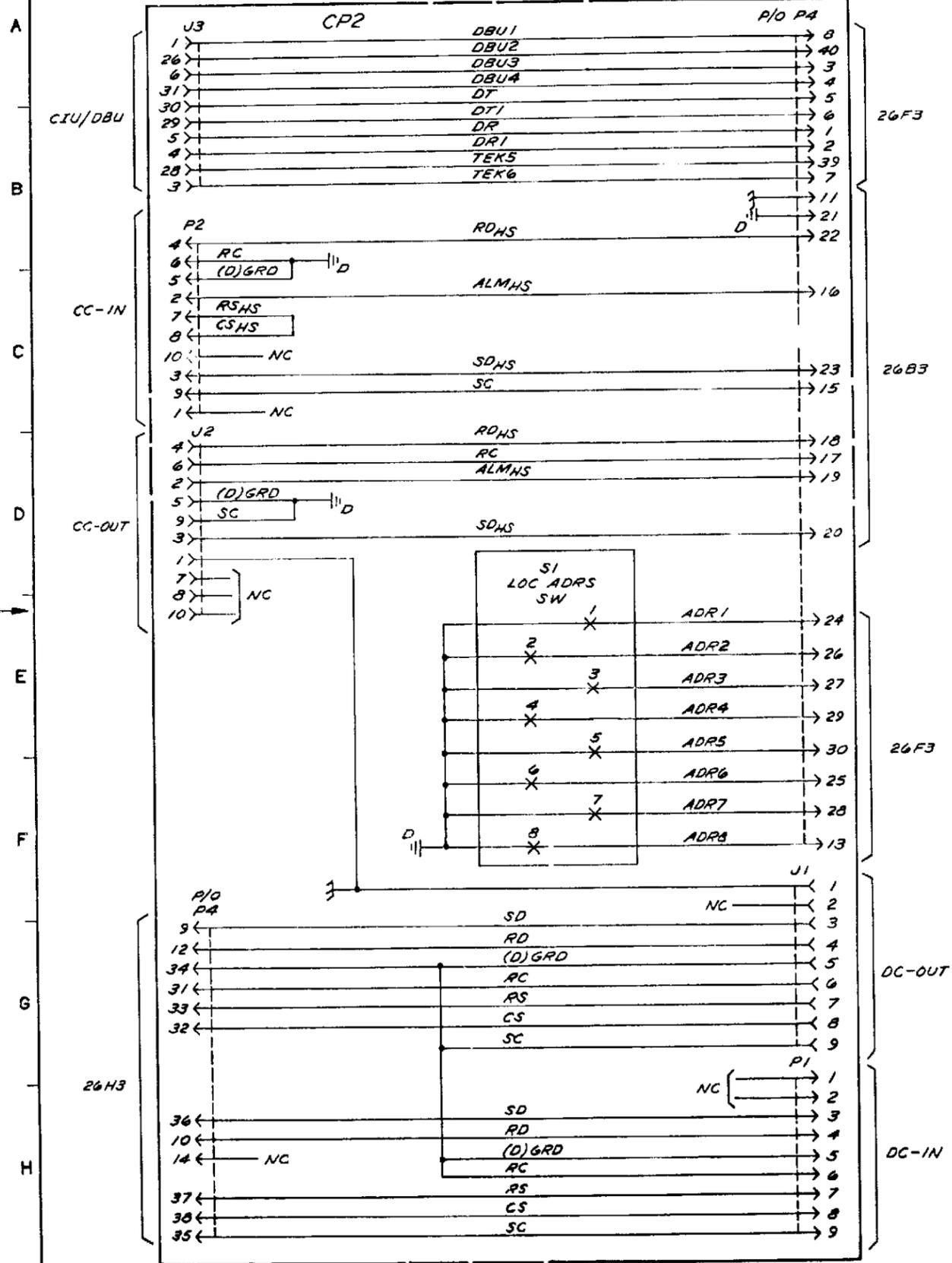
24	ADR1	→ 014
26	ADR2	→ 013
27	ADR3	→ 012
29	ADR4	→ 011
30	ADR5	→ 010
25	ADR6	→ 114
28	ADR7	→ 112
13	ADR8	→ 110
8	DBU1	→ 020
40	DBU2	→ 121
3	DBU3	→ 122
4	DBU4	→ 022
5	DT	→ 024
6	DT1	→ 023
1	DR	→ 124
2	DR1	→ 123
39	TEK5	→ 119
7	TEK6	→ 021
35	SC1	→ 102
38	SC5	→ 106
37	SRS1	→ 104
14	RC1	→ 100
10	SG1	→ 101
36	SRD1	→ 107
	SSDI	→ 103
	SC0	→ 004
32	SCS0	→ 002
33	SRS0	→ 000
31	RC0	→ 006
34	SG0	→ 005
12	SRD0	→ 007
9	SSD0	→ 003

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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE D	ISSUE 5B
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	526

ED-1020 (11/83)

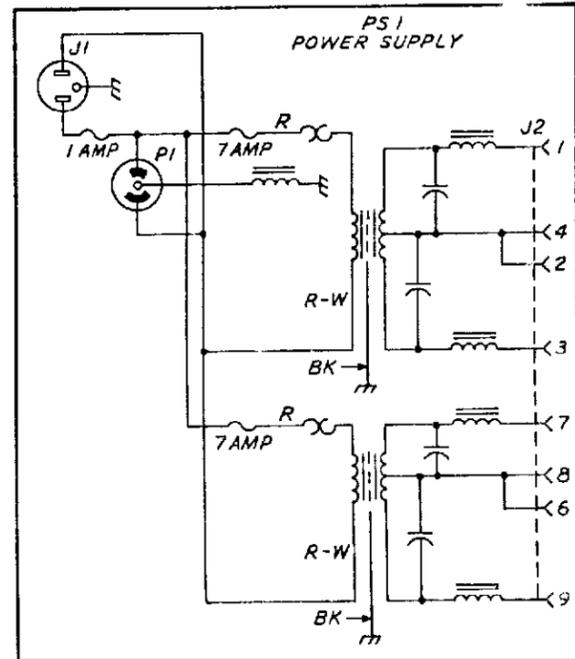
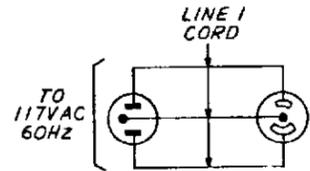
⊗ PART OF FS14
63A2 DATA MOUNTING
(PRIVATE LINE STAND-ALONE)



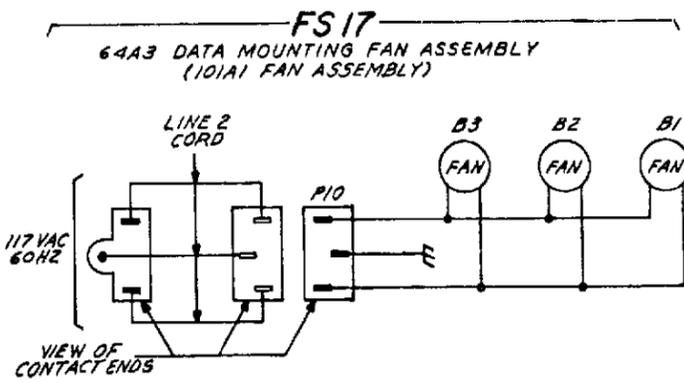
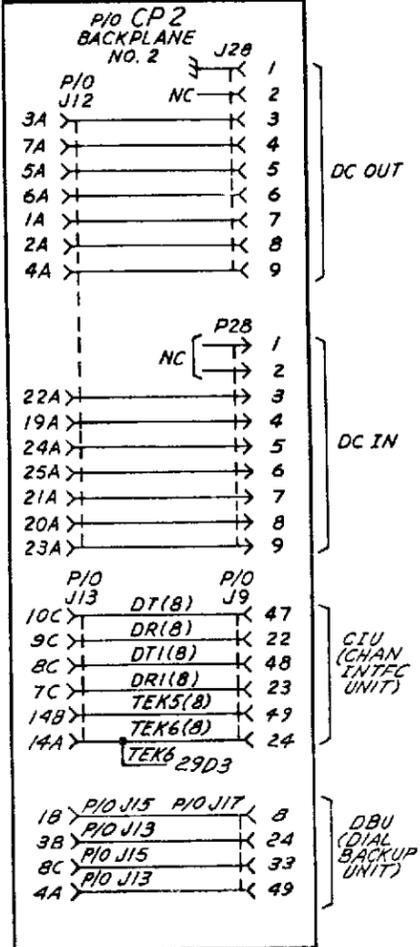
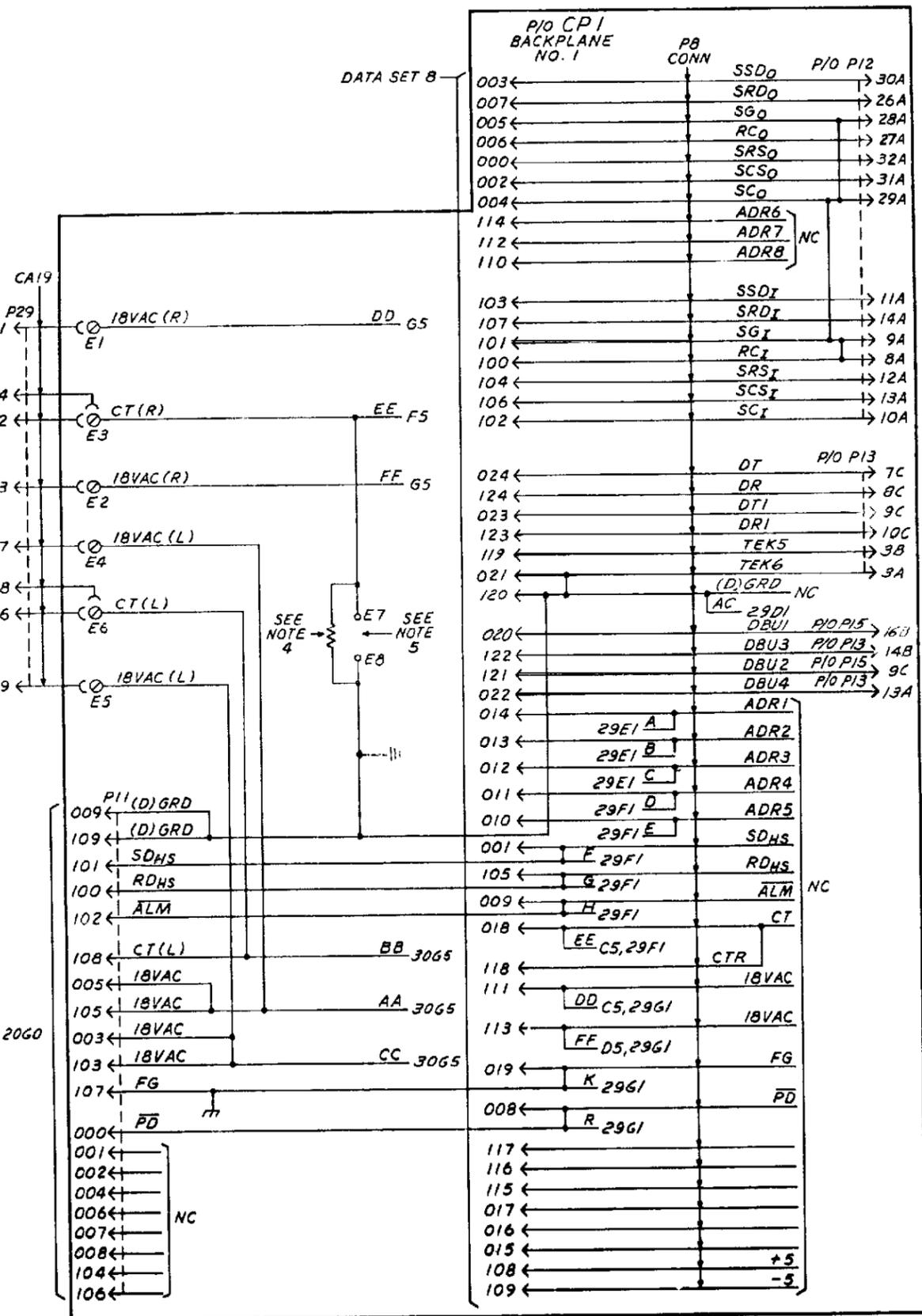
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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE D	ISSUE 5B
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	827

0 1 2 3 4 5 6 7 8 9

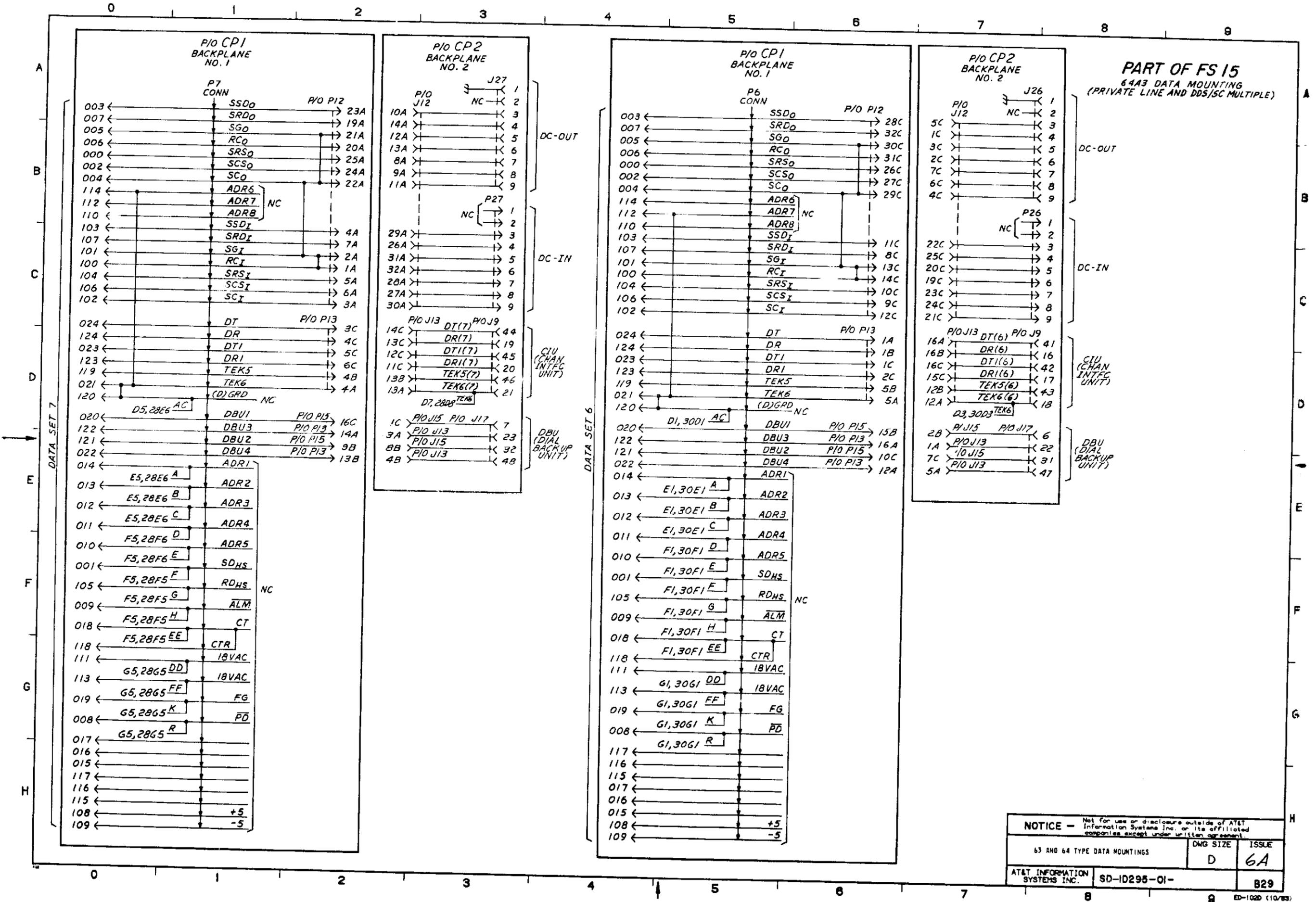
FS 16
6443 DATA MOUNTING POWER UNIT



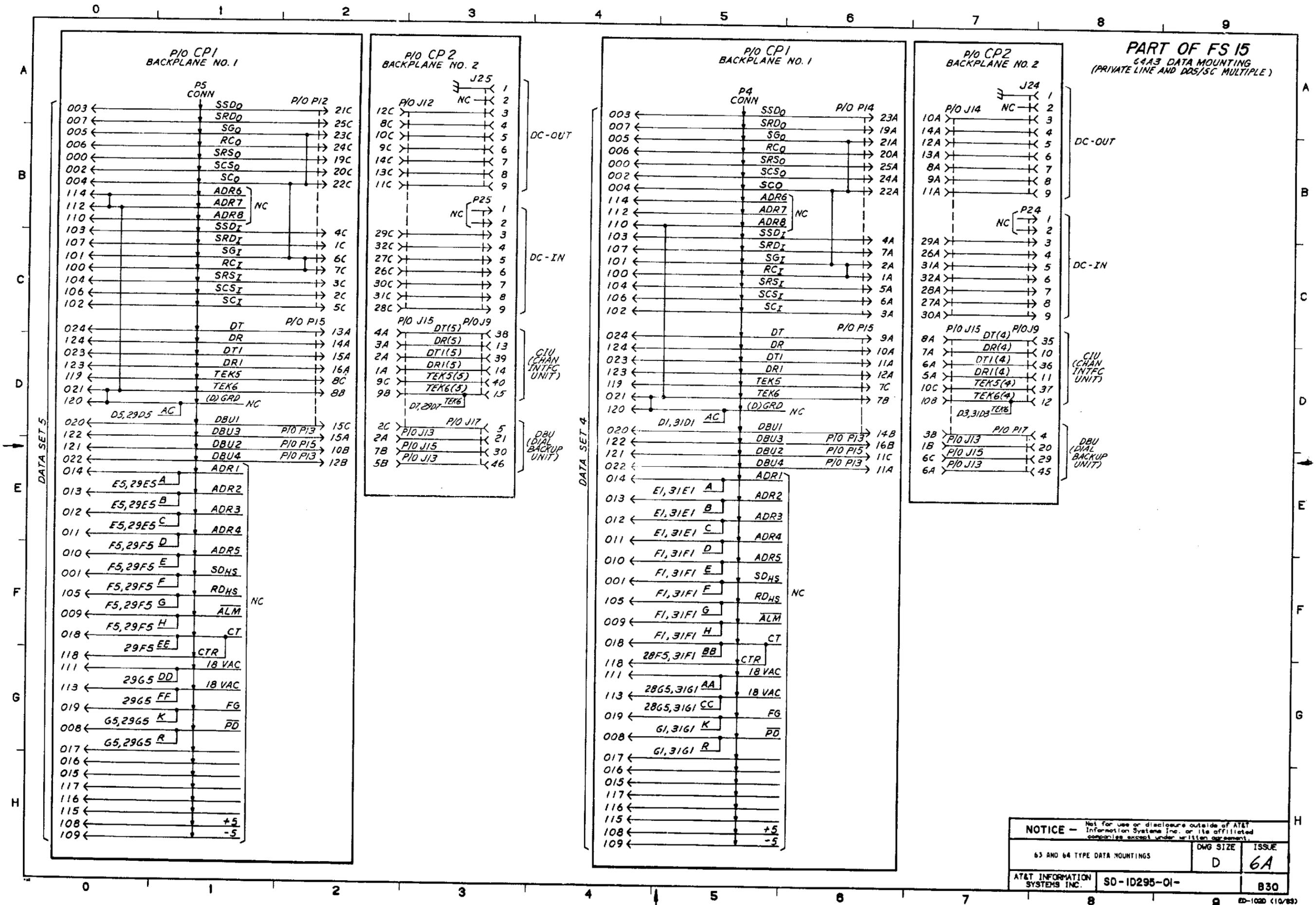
PART OF FS 15
6443 DATA MOUNTING
(PRIVATE LINE AND DAS/SC MULTIPLE)



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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE D	ISSUE 6A
AT&T INFORMATION SYSTEMS INC.	SD-10295-01-	828

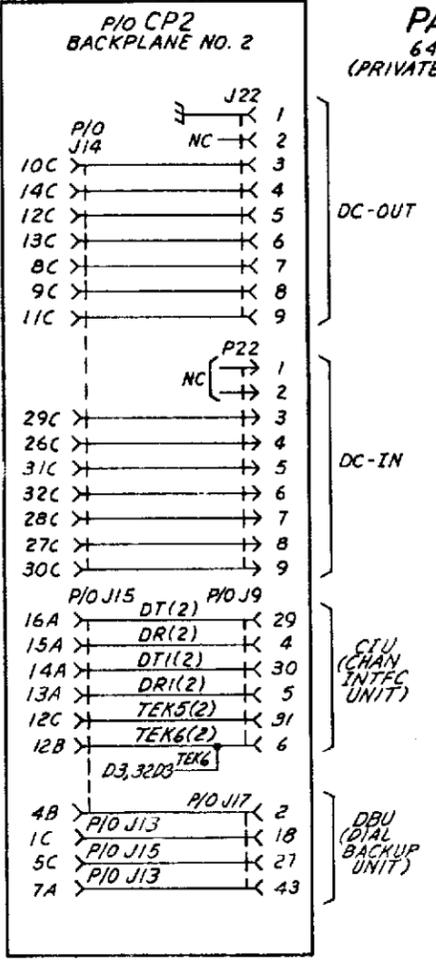
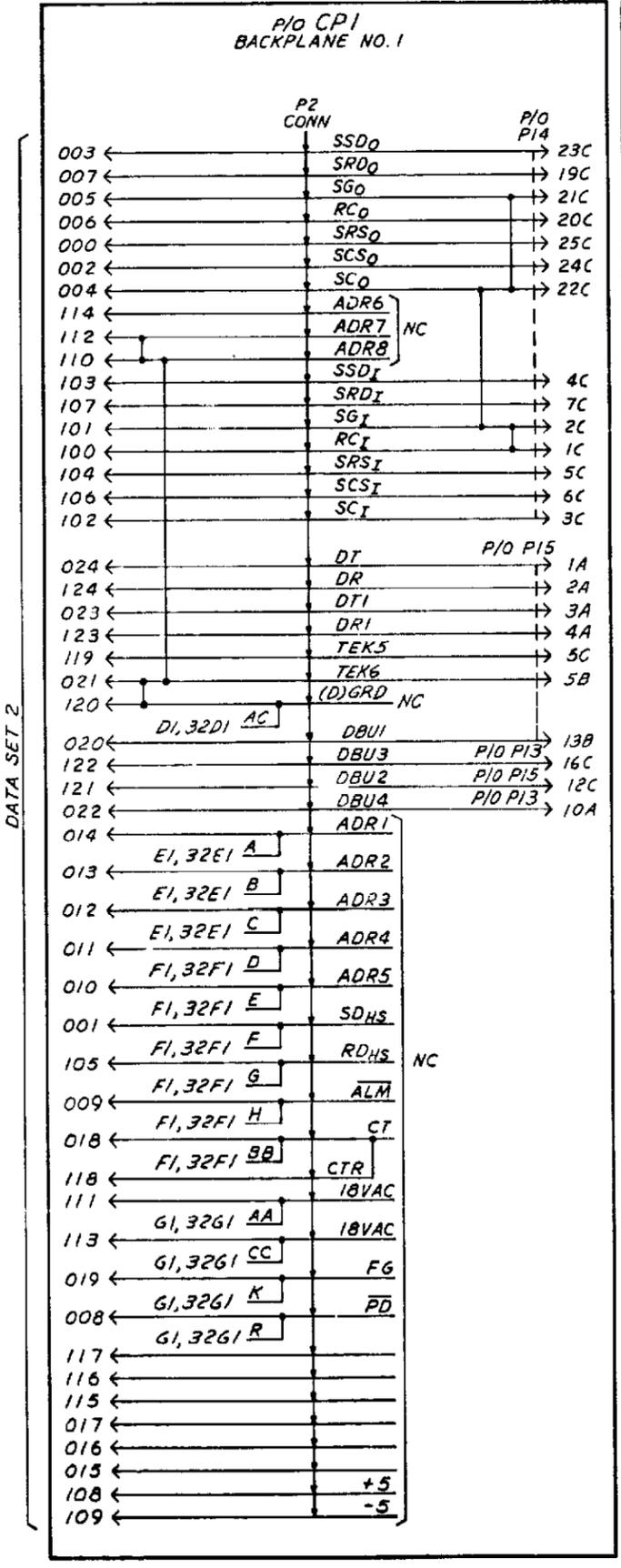
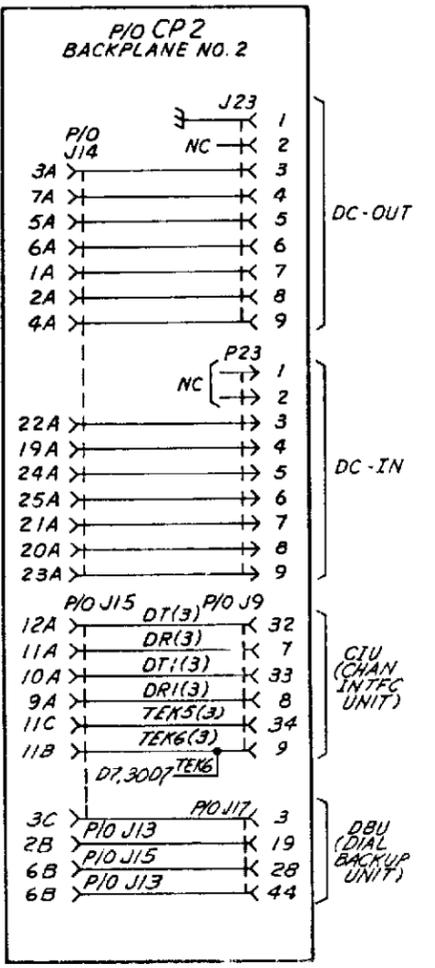
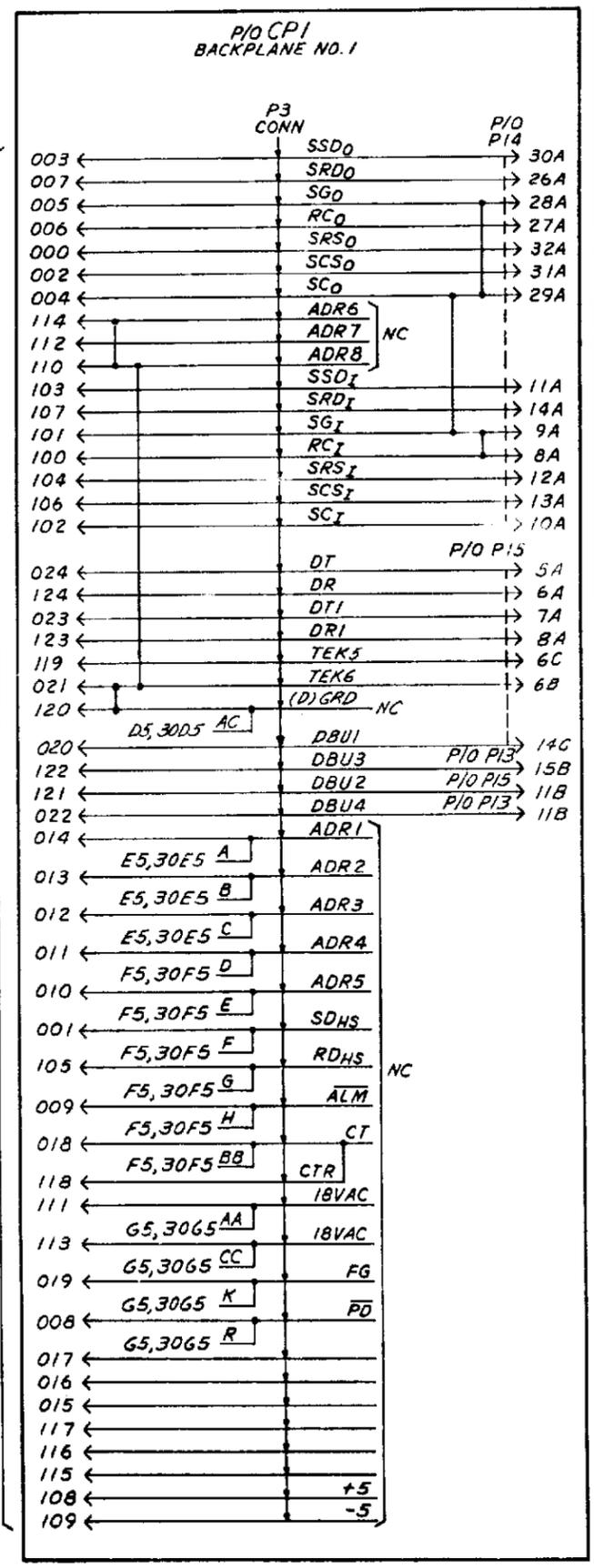


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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE D	ISSUE 6A
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	B29



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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE D	ISSUE 6A
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	830

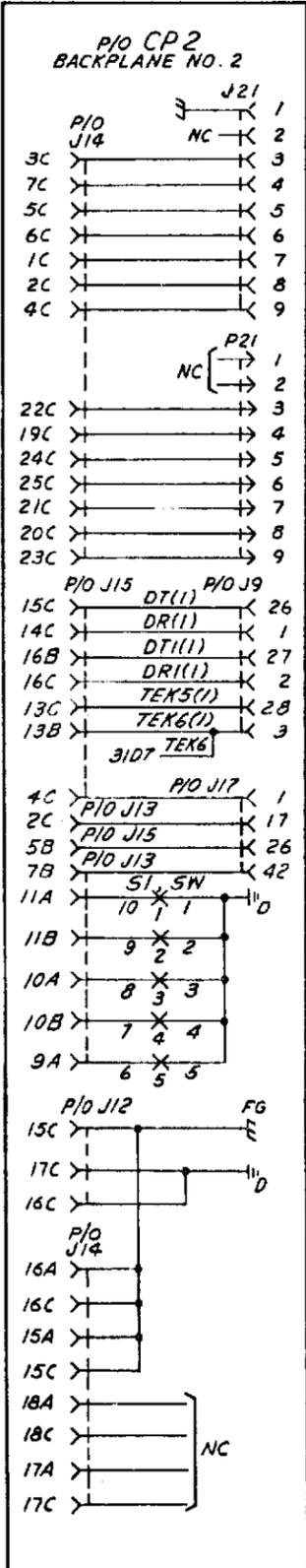
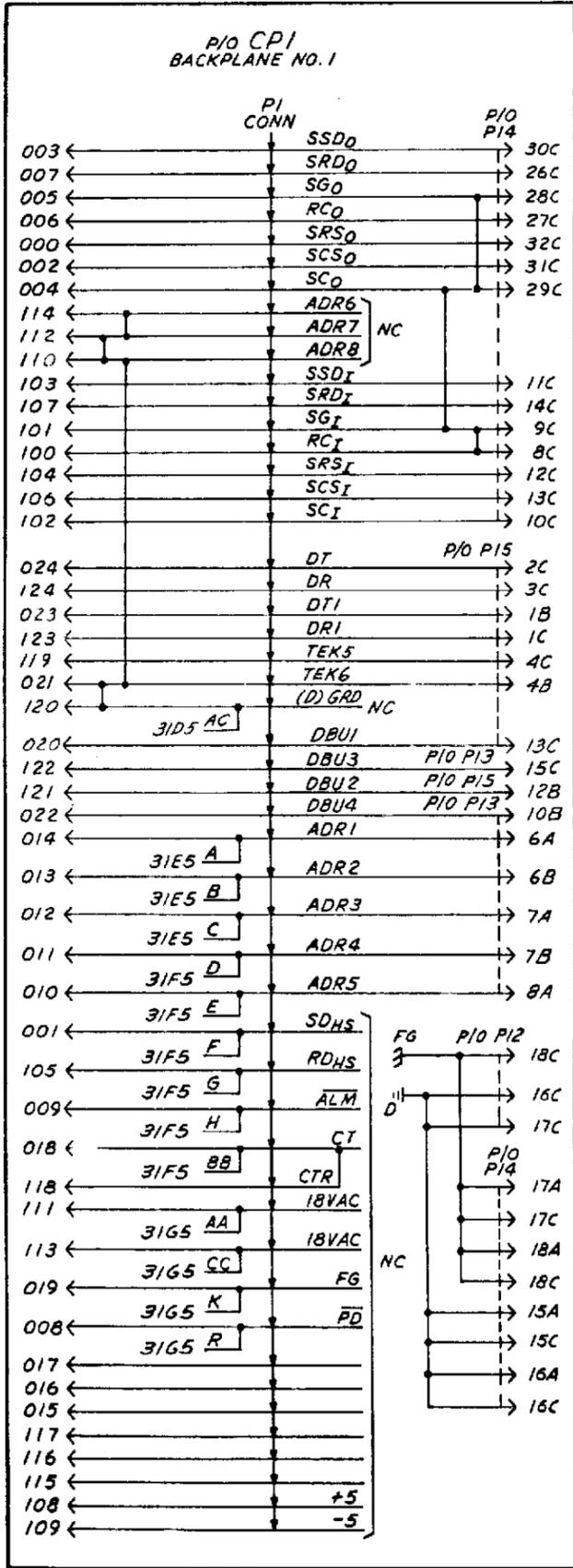
0 1 2 3 4 5 6 7 8 9



PART OF FS15
64A3 DATA MOUNTING
(PRIVATE LINE AND DDS/SC MULTIPLE)

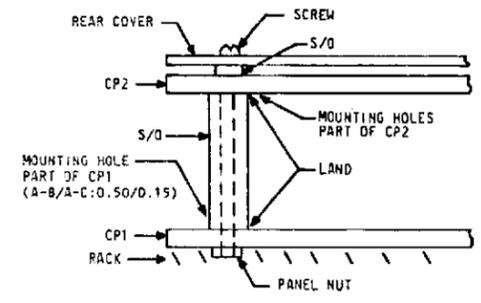
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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE D	ISSUE 6A
AT&T INFORMATION SYSTEMS INC.	SD-1D295-01-	B31

0 1 2 3 4 5 6 7 8 9



PART OF FS 15
6443 DATA MOUNTING
(PRIVATE LINE AND DDS/SC MULTIPLE)

- NOTES:
- CONTACTS 000 THROUGH 024 MAKE BEFORE CONTACTS 100 THROUGH 124.
 - CONTACTS 008, (PD) LEAD BREAKS BEFORE CONTACTS 111 AND 113 (18VAC).
 - CONTACTS 018 (CT) AND 021 (D GRD) MAKE BEFORE ALL OTHER CONTACTS.
 - THIS RESISTANCE IS PROVIDED BY AN EXTENDED PRINTED CIRCUIT PATH AND HAS A NOMINAL VALUE OF 0.050 OHMS.
 - MOUNTING LOCATION PROVIDED FOR A KS-20045, L30, 0.050 OHM RESISTOR, IF REQUIRED.
 - DETAIL OF MECHANICAL (FG) CONNECTION BETWEEN CP1 AND CP2.



DATA SET 1

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G

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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE D	ISSUE 6A
AT&T INFORMATION SYSTEMS INC.	SD-1D295-01-	B32

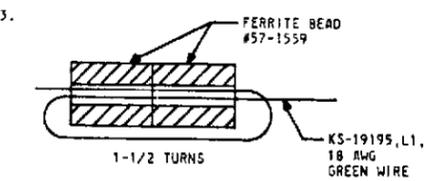
0 1 2 3 4 5 6 7 8 9 ED-1020 (10/83)

(MFR DISC) APP FIG. 3

63A1 DATA MOUNTING
(PRIVATE LINE STAND-ALONE)

CONNECTOR (PLUG)			CIRCUIT PACK			CIRCUIT PACK (CONT)		
DESIG	LOC	CODE	DESIG	LOC	CODE	DESIG	LOC	CODE
P4	10E1	SWITCHCRAFT, EAC-302 (SEE NOTE 2)	CPI	9A2, 10B6	842531766 842993867	CPI (CONT)		
CORQ			E/W			RESISTOR		
DESIG	LOC	CODE	DESIG	LOC	CODE	DESIG	LOC	CODE
PWR	10E1	KS-20340, L3 (SEE NOTE 2)	C1	9D2	KS-21901, L1, 150PF	R1	9D5	KS-20616, L1A, 1KΩ
FAN			C2	9D3	KS-21901, L1, 150PF	R2	9D6	KS-20616, L1A, 1KΩ
DESIG	LOC	CODE	C3	9F5	KS-21901, L1, 150PF	R3	9D2	KS-20616, L1A, 10KΩ
B1	10D2	KS-21296, L3	C4	10C4	KS-20423, L1, 150	R5	9E2	KS-20616, L1A, 10KΩ
FUSE			C5	10C4	651C	R6	9F2	KS-20616, L1A, 10KΩ
DESIG	LOC	CODE	C6	10C5	651C	R7	9F4	KS-20616, L1A, 1KΩ
F1	10E2	KS-5842, L2, FUSEHOLDER BUS, MDL-1.5 AMP FUSE	C7	10C6	Ⓞ KS-19774, L13, .1 Ⓟ KS-19774, L5, .47	R8	10C4	KS-20616, L1A, 10
TRANSFORMER			C8	10D5	535HY, .505	R9	10C5	KS-20616, L1A, (SEE NOTE 1)
DESIG	LOC	CODE	C9	10F3	KS-20977, L4, .047	R10	10D5	KS-20616, L1A, 750
T1	10E2	2202H (SEE NOTE 2) 2203E	CONNECTOR			R11	10C6	KS-20616, L1A, 1960
DIODE			DESIG	LOC	CODE	R12	10C7	KS-20616, L1A, 1470
DESIG	LOC	CODE	J1	9F7	KS-19087, L51	R13	10D7	KS-20616, L1A, 1KΩ
CR1	10C6	459B	J2	9E0	KS-22149, L3	R14	10D4	KS-20616, L1A, 909
CR3	10D5	813AB	J3	9B0	KS-16672, L43, L34 (SEE NOTE 2)	R15	10D4	KS-20616, L1A, 909
CR4	10D4	456F	P1	9G7	KS-19088, L40	R16	10D5	KS-20616, L1A, 86, 600
CR5	10E3	813B	P2	9D0	KS-22149, L3	R17	10F3	KS-22452, L1, (TRW, BWF TYPE), 100
CR6	10E4	813B	[50] P3	9A7	189, 1810 (HEADER) (SEE NOTE 2)	R18	10C7	KS-20616, L1A, 4640
CR7	10C4	813B	INDUCTOR			SWITCH		
INDUCTOR			DESIG	LOC	CODE	DESIG	LOC	CODE
DESIG	LOC	CODE	L1	10F2	STACKPOLE CARBON CO. ST. MARY'S, PA. 15857 57-1559 (SEE NOTE 3)	S1	9B5	KS-21193, L105
L1	10F2	STACKPOLE CARBON CO. ST. MARY'S, PA. 15857 57-1559 (SEE NOTE 3)	INTEGRATED CIRCUIT			TERMINAL		
INTEGRATED CIRCUIT			DESIG	LOC	CODE	DESIG	LOC	CODE
DESIG	LOC	CODE	IC1A-C	{9D2, 9D3, 9F4}	KS-21589, L26	[2] E1, E2	10C5	996515458
IC1A-C	{9D2, 9D3, 9F4}	KS-21589, L26	IC2A, C, D	{9D3, 9D4, 9E5}	418W	TRANSISTOR		
IC2A, C, D	{9D3, 9D4, 9E5}	418W	IC3	9E3	KS-22118, L1, ISSUE 2 OR 502JA	DESIG	LOC	CODE
IC3	9E3	KS-22118, L1, ISSUE 2 OR 502JA	IC4	10B5	KS-21322, L4	Q1	10C7	51A
IC4	10B5	KS-21322, L4	IC5	10C6	502CL	Q2	10C7	66J
IC5	10C6	502CL						

- NOTES:
1. SELECT IN TEST.
 2. CRITICAL COMPONENT.



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63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	6A
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	C5	

(MFR DISC) PART OF APP FIG. 4
PART OF 64A1 AND 64C1 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

CABLE DESIG	LOC	CODE	CABLE DESIG	LOC	CODE	CABLE DESIG	LOC	CODE	CABLE DESIG	LOC	CODE
CA1	13A7	842987737	CA7	13A1	842987737	CA13	11A7	842987737	CA19	11C2	842989253
E/W CONNECTOR			E/W CONNECTOR			E/W CONNECTOR			E/W CONNECTOR		
J20	13A7	KS-21302,L1 E/W L54 CONTACTS	J29	13A1	KS-21302,L1 E/W L54 CONTACTS	J38	11A7	KS-21302,L1 E/W L54 CONTACTS	P29	11C2	MOLEX, MODEL 19-09-2092 E/W CONTACTS 02-09-2101
J21	13A8	KS-19087,L4	J30	13A1	KS-19087,L4	J39	11A8	KS-19087,L4			
CA2	13B7	842987729	CA8	13B1	842987729	CA14	11B7	842987729			
E/W CONNECTOR			E/W CONNECTOR			E/W CONNECTOR					
J22	13B7	KS-21302,L1 E/W L54 CONTACTS	J31	13A1	KS-21302,L1 E/W L54 CONTACTS	J40	11B7	KS-21302,L1 E/W L54 CONTACTS			
P20	13B8	KS-19088,L4	P23	13B1	KS-19088,L4	P26	11B8	KS-19088,L4			
CA3	13A5	842987737	CA9	12A5	842987737	CA15	11A5	842987737			
E/W CONNECTOR			E/W CONNECTOR			E/W CONNECTOR					
J23	13A5	KS-21302,L1 E/W L54 CONTACTS	J32	12A5	KS-21302,L1 E/W L54 CONTACTS	J41	11A5	KS-21302,L1 E/W L54 CONTACTS			
J24	13A6	KS-19087,L4	J33	12A5	KS-19087,L4	J42	11A5	KS-19087,L4			
CA4	13B5	842987729	CA10	12B5	842987729	CA16	11B5	842987729			
E/W CONNECTOR			E/W CONNECTOR			E/W CONNECTOR					
J25	13B5	KS-21302,L1 E/W L54 CONTACTS	J34	12B5	KS-21302,L1 E/W L54 CONTACTS	J43	11B5	KS-21302,L1 E/W L54 CONTACTS			
P21	13B6	KS-19088,L4	P24	12B5	KS-19088,L4	P27	11B5	KS-19088,L4			
CA5	13A3	842987737	CA11	12A1	842987737	CA17		842987950			
E/W CONNECTOR			E/W CONNECTOR			E/W CONNECTOR					
J26	13A3	KS-21302,L1 E/W L54 CONTACTS	J35	12A1	KS-21302,L1 E/W L54 CONTACTS	[11C5, 11C7, 12C1, 12C5, 13C1, 13C3, 13C5, 13C7]					
J27	13A3	KS-19087,L4	J36	12A2	KS-19087,L4						
CA6	13B3	842987729	CA12	12B1	842987729	J1	13C7	KS-21302,L4 E/W L54 CONTACTS			
E/W CONNECTOR			E/W CONNECTOR			J2	13C5	KS-21302,L4 E/W L54 CONTACTS			
J28	13B3	KS-21302,L1 E/W L54 CONTACTS	J37	12B1	KS-21302,L1 E/W L54 CONTACTS	J3	13C3	KS-21302,L4 E/W L54 CONTACTS			
P22	13B3	KS-19088,L4	P25	12B2	KS-19088,L4	J4	13C1	KS-21302,L4 E/W L54 CONTACTS			
						J5	12C5	KS-21302,L4 E/W L54 CONTACTS			
						J6	12C1	KS-21302,L4 E/W L54 CONTACTS			
						J7	11E7	KS-21302,L4 E/W L54 CONTACTS			
						J8	11C5	KS-21302,L4 E/W L54 CONTACTS			
						J14		[11C5, 11C8, 12C2, 12C5, 13C1, 13C3, 13C6, 13C8]	J14		KS-21302,L8 E/W L53 CONTACTS
						J15			J15		KS-21302,L5 E/W L54 CONTACTS
						J16			J16		KS-21302,L5 E/W L54 CONTACTS

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63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		63	6A
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	C6	

(MFR DISC) PART OF APP FIG. 4

PART OF 64A1 AND 64C1 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

(MFR DISC) APP FIG. 5

PART OF 64A1 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

CIRCUIT PACK

DESIG	LOC	CODE
CP1	SHEETS B11, B12, B13	841944465

E/W

CONNECTOR (CONTACTS)

DESIG	LOC	CODE
[50] P1	13A7	187, 188
[50] P2	13A4	187, 188
[50] P3	13A2	187, 188
[50] P4	13A0	187, 188
[50] P5	12A4	187, 188
[50] P6	12A0	187, 188
[50] P7	11A7	187, 188
[50] P8	11A4	187, 188
[20] P11	11E2	189

SWITCH

DESIG	LOC	CODE
S1	13E8	KS-21193, L2

CIRCUIT PACK

DESIG	LOC	CODE
CP3	15A8	841944523

E/W

RELAY

DESIG	LOC	CODE
KS-21490, L4	K1	K2
7	15D2	15B1
2	15A2	
1	15C8	15C9

RELAY

DESIG	LOC	CODE
K3	3A7A	
2	1501	
1	1588	

CAPACITOR

DESIG	LOC	CODE
C1	15A2	KS-21901, L1, 150PF
C2	15A3	KS-21901, L1, 150PF
C3	15C4	KS-21901, L1, 150PF
C4	15D2	KS-20423, L1, 150
C5	1502	651C
C6	1502	651C
C7	15C4	KS-19774, L5, .47
C8	15E2	535HY, .505 (SEE NOTE 2)
C9	15A1	TRW, WELB3 OR 71SE, .33

CIRCUIT PACK

DESIG	LOC	CODE
CP3 (CONT)		

E/W

RESISTOR

DESIG	LOC	CODE
R1	15A1	KS-22452, L1, (TRW, BWF TYPE), 100
R2	15A6	KS-20616, L1A, 1KΩ
R3	15A6	KS-20616, L1A, 1KΩ
R4	15C1	KS-20616, L1A, 10KΩ
R5	15C1	KS-20616, L1A, 10KΩ
R6	15C3	KS-20616, L1A, 1KΩ
R7	1501	KS-20289, L6C, 10
R8	1503	KS-20616, L1A, (SEE NOTE 1)
R9	15E3	KS-20616, L1A, 750
R10	15E4	KS-20616, L1A, 1960
R11	15E5	KS-20616, L1A, 1470
R12	15E4	KS-20616, L1A, 1KΩ
R13	15F1	KS-20616, L1A, 909
R14	15F2	KS-20616, L1A, 909
R15	15F3	KS-20616, L1A, 86, 600
R16	15B2	KS-20616, L1A, 10KΩ
R17	15D5	KS-20616, L1A, 562
R18	15H1	KS-20045, L3D, .050

TERMINAL

DESIG	LOC	CODE
[2] E1, E2	15D3	996515458

TERMINAL BOARD

DESIG	LOC	CODE
TB1	15D0	B13085635

CIRCUIT PACK

DESIG	LOC	CODE
CP3 (CONT)		

E/W

POWER SUPPLY

E/W

CAPACITOR

DESIG	LOC	CODE
C1P	15G3	KS-20423, L15, 330
C2P	15H3	KS-20423, L15, 330
C3P	15G3	651C
C4P	15H3	651C
C5P	15G4	651C
C6P	15H4	651C
C7P	15G5	651C
C8P	15H5	651C
C9P	15G6	651C
C10P	15H6	651C

DICODE

DESIG	LOC	CODE
CR1P	15G2	813B
CR2P	15H2	813B
CR3P	15H1	813B
CR4P	15G1	813B
CR5P	15G2	804AE
CR6P	15H2	804AE
CR7P	15G6	804H
CR8P	15H7	804H

FUSE

DESIG	LOC	CODE
F1P	15G1	BUSS, GFA, 3 AMP
F2P	15H1	BUSS, GFA, 3 AMP

INTEGRATED CIRCUIT

DESIG	LOC	CODE
IC1P	15G4	KS-21322, L1
IC2P	15H4	KS-21536, LB
IC3P	15G6	KS-21322, L1
IC4P	15H6	KS-21536, LB

RESISTOR

DESIG	LOC	CODE
R1P	15G2	KS-20289, L6C, 10
R2P	15H2	KS-20289, L6C, 10
R3P	15G4	KS-20289, L6C, 26.1
R4P	15H4	KS-20289, L6C, 26.1

CORD

DESIG	LOC	CODE
LINE 1	11C1	KS-14532, L25 (10 FT.)
LINE 2	11A0	KS-14532, L2 (2 FT.)

FAN

DESIG	LOC	CODE
B1	11A0	KS-22099, L1
B2	11A0	KS-22099, L1
B3	11A0	KS-22099, L1

POWER UNIT

DESIG	LOC	CODE
PS1	11A1	290A1

CIRCUIT PACK

DESIG	LOC	CODE
CP2	14A2 14A5	841944481

E/W

CONNECTOR

DESIG	LOC	CODE
J9	14A2	KS-16672, L13
J17	14A6	KS-16672, L13

CONNECTOR (HEADER)

DESIG	LOC	CODE
P14	SHEET 814	KS-21307, L5 KS-21307, L3 KS-21307, L3
P15		
P16		

CONNECTOR

DESIG	LOC	CODE
J11	15E0	9638-20
J19	15B0	KS-22148, L4
P19	15A0	KS-22149, L4

DIODE

DESIG	LOC	CODE
CR1	15C8	458D
CR2	15D8	458D
CR3	15B8	458D
CR4	15D4	459B
CR6	15F3	813AB
CR7	15F2	456F
CR8	15F1	813B
CR9	15F1	813B
CR10	1501	813B

INTEGRATED CIRCUIT

DESIG	LOC	CODE
IC1A-C	15A3, 15B4, 15C4	KS-21589, L26
IC2A-D	15A4, 15A5, 15B4, 15B7	418W
IC3	15B2	KS-22118, L1, ISSUE 2 OR 502JA
IC4	15D2	KS-21322, L4
IC5	15D3	502CL

TRANSISTOR

DESIG	LOC	CODE
Q1	15E4	51A
Q2	15E5	66J

FUSE

DESIG	LOC	CODE
F1P	15G1	BUSS, GFA, 3 AMP
F2P	15H1	BUSS, GFA, 3 AMP

INTEGRATED CIRCUIT

DESIG	LOC	CODE
IC1P	15G4	KS-21322, L1
IC2P	15H4	KS-21536, LB
IC3P	15G6	KS-21322, L1
IC4P	15H6	KS-21536, LB

RESISTOR

DESIG	LOC	CODE
R1P	15G2	KS-20289, L6C, 10
R2P	15H2	KS-20289, L6C, 10
R3P	15G4	KS-20289, L6C, 26.1
R4P	15H4	KS-20289, L6C, 26.1

(MFR DISC) APP FIG. 6

PART OF 64C1 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

CONNECTOR

DESIG	LOC	CODE
P28	11F1	MOLEX, MODEL 19-09-2031 E/W CONTACTS 02-09-2101

CORD

DESIG	LOC	CODE
FAN	11F1	842989477 (2 FT.)
PWR	11G1	842989469 (2 FT.)

FAN

DESIG	LOC	CODE
B1	11F1	KS-22099, L2
B2	11F2	KS-22099, L2
B3	11F2	KS-22099, L2

NOTES:
1. SELECT IN TEST.
2. FOR 64C1 USE 535 FT.O.11.

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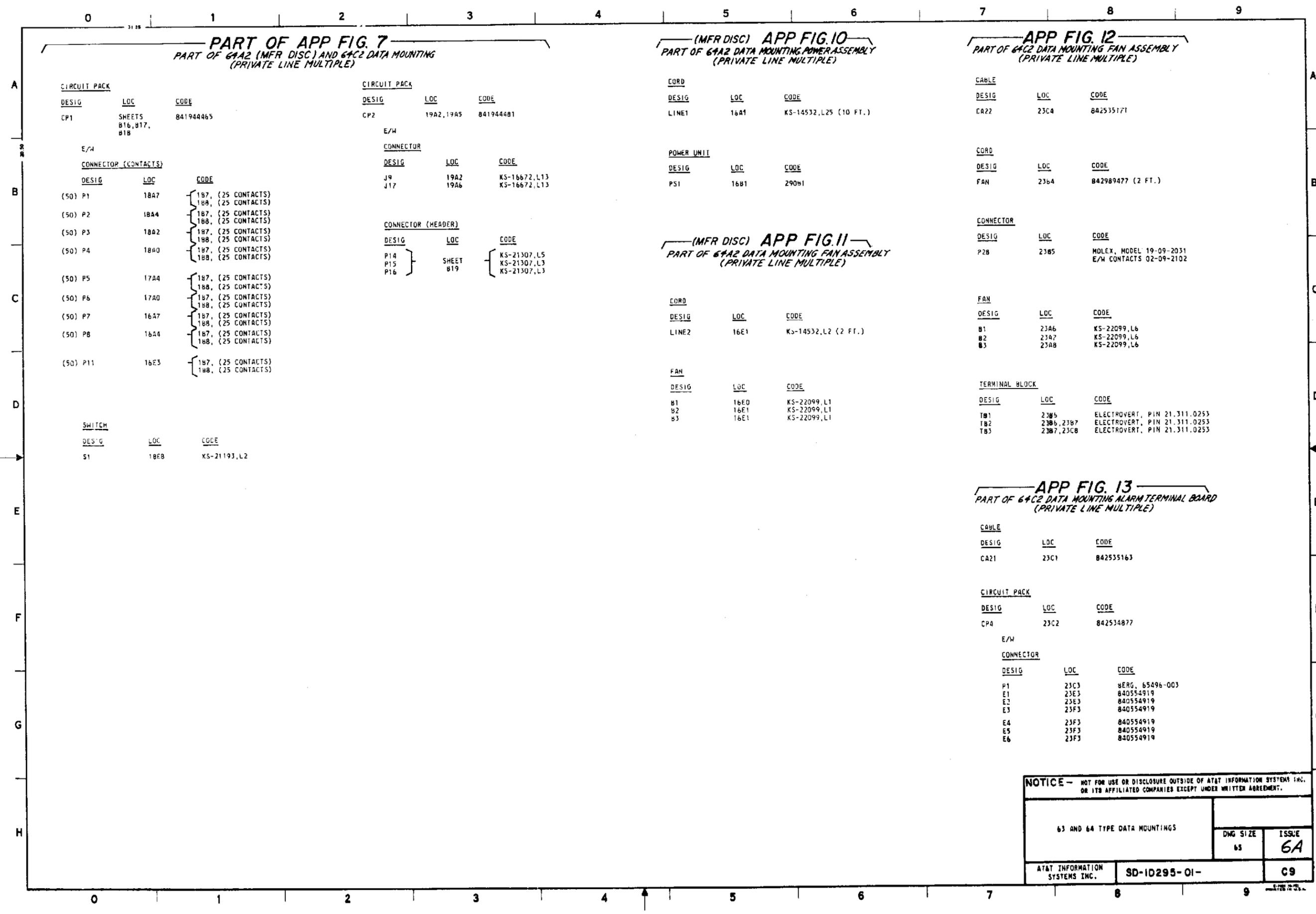
63 AND 64 TYPE DATA MOUNTINGS	ORG SIZE	ISSUE
	63	6A
AT&T INFORMATION SYSTEMS INC.	SD-10295-01-	G7

PART OF APP FIG. 7
PART OF 64A2 (MFR DISC) AND
64C2 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

CABLE	DESIG	LOC	CODE	CABLE	DESIG	LOC	CODE	CABLE	DESIG	LOC	CODE	CABLE	DESIG	LOC	CODE
CA1	18A8		842987737	CA7	18A1		842987737	CA13	16A7		842987737	CA19	16B2		842989253
E/W				E/W				E/W				E/W			
CONNECTOR				CONNECTOR				CONNECTOR				CONNECTOR			
DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE	
J20	18A7	{ KS-21302, L1 E/W L54 CONTACTS		J29	18A1	{ KS-21302, L1 E/W L54 CONTACTS		J38	16A7	{ KS-21302, L1 E/W L54 CONTACTS		P29	16B2	MOLEX, MODEL 19-09-2092	
J21	18A8	KS-19087, L4		J30	18A1	KS-19087, L4		J39	16A8	KS-19087, L4				E/W CONTACTS 02-09-2101	
CA2	18B8		842987729	CA8	18B1		842987729	CA14	16B7		842987729				
E/W				E/W				E/W							
CONNECTOR				CONNECTOR				CONNECTOR							
DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE	
J22	18B7	{ KS-21302, L1 E/W L54 CONTACTS		J31	18B1	{ KS-21302, L1 E/W L54 CONTACTS		J40	16B7	{ KS-21302, L1 E/W L54 CONTACTS					
P20	18B8	KS-19088, L4		P23	18B1	KS-19088, L4		P26	16B8	KS-19088, L4					
CA3	18A5		842987737	CA9	17A5		842987737	CA15	16A5		842987737				
E/W				E/W				E/W							
CONNECTOR				CONNECTOR				CONNECTOR							
DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE	
J23	18A5	{ KS-21302, L1 E/W L54 CONTACTS		J32	17A5	{ KS-21302, L1 E/W L54 CONTACTS		J41	16A5	{ KS-21302, L1 E/W L54 CONTACTS					
J24	18A6	KS-19087, L4		J33	17A5	KS-19087, L4		J42	16A5	KS-19087, L4					
CA4	18B5		842987729	CA10	17B5		842987729	CA16	16B5		842987729				
E/W				E/W				E/W							
CONNECTOR				CONNECTOR				CONNECTOR							
DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE	
J25	18B5	{ KS-21302, L1 E/W L54 CONTACTS		J34	17B5	{ KS-21302, L1 E/W L54 CONTACTS		J43	16B5	{ KS-21302, L1 E/W L54 CONTACTS					
P21	18B6	KS-19088, L4		P24	17B5	KS-19088, L4		P27	16B5	KS-19088, L4					
CA5	18A3		842987737	CA11	17A1		842987737	CA17	{ 16C5, 16C7, 17C1, 17C5, 18C1, 18C3, 18C5, 18C7 }		842987950				
E/W				E/W				E/W							
CONNECTOR				CONNECTOR				CONNECTOR							
DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE		DESIG	LOC	CODE	
J26	18A3	{ KS-21302, L1 E/W L54 CONTACTS		J35	17A1	{ KS-21302, L1 E/W L54 CONTACTS		J1	18C7	KS-21302, L4 E/W L54 CONTACTS		J2	18C5	KS-21302, L4 E/W L54 CONTACTS	
J27	18A3	KS-19087, L4		J36	17A2	KS-19087, L4		J3	18C3	KS-21302, L4 E/W L54 CONTACTS		J4	18C1	KS-21302, L4 E/W L54 CONTACTS	
CA6	18B3		842987729	CA12	17B1		842987729	J5	17C5	KS-21302, L4 E/W L54 CONTACTS		J6	17C1	KS-21302, L4 E/W L54 CONTACTS	
E/W				E/W				J7	16C7	KS-21302, L4 E/W L54 CONTACTS		J8	16C5	KS-21302, L4 E/W L54 CONTACTS	
CONNECTOR				CONNECTOR				J14	{ 16C5, 16C8 }	KS-21302, L8 E/W L53 CONTACTS		J15	{ 17C2, 17C5, 18C1, 18C3, 18C6, 18C8 }	KS-21302, L5 E/W L54 CONTACTS	
DESIG	LOC	CODE		DESIG	LOC	CODE		J16		KS-21302, L5 E/W L54 CONTACTS					
J28	18B3	{ KS-21302, L1 E/W L54 CONTACTS		J37	17B1	{ KS-21302, L1 E/W L54 CONTACTS									
P22	18B3	KS-19088, L4		P25	17B2	KS-19088, L4									

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63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		65	6A
AT&T INFORMATION SYSTEMS INC.		SD-1D295-01-	
		C8	



PART OF APP FIG. 7
PART OF 64A2 (MFR DISC) AND 64C2 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

CIRCUIT PACK	DESIG	LOC	CODE
	CP1	SHEETS B16, B17, B18	841944465

E/W
CONNECTOR (CONTACTS)

DESIG	LOC	CODE
(50) P1	18A7	187, (25 CONTACTS) 188, (25 CONTACTS)
(50) P2	18A4	187, (25 CONTACTS) 188, (25 CONTACTS)
(50) P3	18A2	187, (25 CONTACTS) 188, (25 CONTACTS)
(50) P4	18A0	187, (25 CONTACTS) 188, (25 CONTACTS)
(50) P5	17A4	187, (25 CONTACTS) 188, (25 CONTACTS)
(50) P6	17A0	187, (25 CONTACTS) 188, (25 CONTACTS)
(50) P7	16A7	187, (25 CONTACTS) 188, (25 CONTACTS)
(50) P8	16A4	187, (25 CONTACTS) 188, (25 CONTACTS)
(50) P11	16E3	187, (25 CONTACTS) 188, (25 CONTACTS)

SWITCH

DESIG	LOC	CODE
S1	18E8	KS-21193, L2

CIRCUIT PACK	DESIG	LOC	CODE
	CP2	19A2, 19A5	841944481

E/W

CONNECTOR

DESIG	LOC	CODE
J9	19A2	KS-16672, L13
J17	19A6	KS-16672, L13

CONNECTOR (HEADER)

DESIG	LOC	CODE
P14	SHEET B19	KS-21307, L5
P15		KS-21307, L3
P16		KS-21307, L3

(MFR DISC) **APP FIG. 10**
PART OF 64A2 DATA MOUNTING POWER ASSEMBLY
(PRIVATE LINE MULTIPLE)

CORD	DESIG	LOC	CODE
	LINE1	16A1	KS-14532, L25 (10 FT.)

POWER UNIT

DESIG	LOC	CODE
PS1	16B1	29061

(MFR DISC) **APP FIG. 11**
PART OF 64A2 DATA MOUNTING FAN ASSEMBLY
(PRIVATE LINE MULTIPLE)

CORD	DESIG	LOC	CODE
	LINE2	16E1	KS-14532, L2 (2 FT.)

FAN

DESIG	LOC	CODE
B1	16E0	KS-22099, L1
B2	16E1	KS-22099, L1
B3	16E1	KS-22099, L1

APP FIG. 12
PART OF 64C2 DATA MOUNTING FAN ASSEMBLY
(PRIVATE LINE MULTIPLE)

CABLE	DESIG	LOC	CODE
	CA22	23C4	842535171

CORD

DESIG	LOC	CODE
FAN	2364	842989477 (2 FT.)

CONNECTOR

DESIG	LOC	CODE
P28	23B5	MOLEX, MODEL 19-09-2031 E/W CONTACTS 02-09-2102

FAN

DESIG	LOC	CODE
B1	23A6	KS-22099, L6
B2	23A7	KS-22099, L6
B3	23A8	KS-22099, L6

TERMINAL BLOCK

DESIG	LOC	CODE
T01	23B5	ELECTROVERT, PIN 21.311.0253
T02	23B6, 23B7	ELECTROVERT, PIN 21.311.0253
T03	23B7, 23C8	ELECTROVERT, PIN 21.311.0253

APP FIG. 13
PART OF 64C2 DATA MOUNTING ALARM TERMINAL BOARD
(PRIVATE LINE MULTIPLE)

CABLE	DESIG	LOC	CODE
	CA21	23C1	842535163

CIRCUIT PACK

DESIG	LOC	CODE
CP4	23C2	842534877

E/W

CONNECTOR

DESIG	LOC	CODE
P1	23C3	BERG, 65496-003
E1	23E3	840554919
E2	23E3	840554919
E3	23F3	840554919
E4	23F3	840554919
E5	23F3	840554919
E6	23F3	840554919

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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE	ISSUE
	65	6A
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	C9

PART OF APP FIG. 9

PART OF 64C2 DATA MOUNTING
(PRIVATE LINE MULTIPLE)

CIRCUIT PACK

DESIG	LOC	CODE
CP3	21A4, 22A4	KS-21504 AFX1

E/W

RELAY

DESIG	LOC	CODE
KS-21490, L4	K1 K2	
	2102 2181	
	21A1 21C7	
	21B9 21C9	

RELAY

DESIG	LOC	CODE
347A	K3	
	22G1	
	21B8	

RELAY

DESIG	LOC	CODE
348B	K4 K5	
	22F1 22F1	
	22C5 22C5	

CAPACITOR

DESIG	LOC	CODE
C1	21A2	KS-21901, L1, .150PF
C2	21A3	KS-21901, L1, .150PF
C3	2103	KS-21901, L1, .150PF
C4	21E2	KS-20423, L1, .150
C5	21E2	651C
C6	21E3	651C
C7	21E4	KS-19774, L5, .47
C8	21F2	535F1, D, .11
C9	21A1	TRW, MEL83 OR 715E, .33
C10	21A2	KS-21901, L1, .1
C11	21C3	KS-21901, L1, .1
C12	2103	KS-21901, L1, .1
C13	21C6	KS-21901, L1, .02
C14	21C7	KS-21901, L1, .1
C15	21C7	KS-21901, L1, .1
C16	2106	KS-21901, L1, .01

CIRCUIT PACK

DESIG	LOC	CODE
CP3 (CONT)		

E/W

CAPACITOR (CONT)

DESIG	LOC	CODE
C17	21C8	KS-21901, L1, .1
C18	22B2	KS-21901, L1, .01
C19	22B3	KS-21901, L1, .0015
C20	22B3	KS-21901, L1, .1
C21	22C2	KS-21901, L1, .01
C22	22C3	KS-21901, L1, .0015
C23	2202	KS-21901, L1, .01
C24	22E3	KS-21901, L1, .0015
C25	22E3	KS-21901, L1, .1
C26	22B4	KS-21901, L1, .011
C27	22B4	KS-21901, L1, .1
C28	22C4	KS-21901, L1, .015
C29	22E5	KS-21901, L1, .1

CONNECTOR

DESIG	LOC	CODE
J11	21E0	963B-20
J19	21C0	KS-22148, L4
P19	21A0	KS-22149, L4
P30	22A0	BERG, 65624-116

DIODE

DESIG	LOC	CODE
CR1	21B8	4580
CR2	21C9	4580
CR3	2102	813B
CR4	2104	459B
CR7	21F2	456F
CR8	21F3	8134B
CR9	22C5	4580
DS1	21D8	534A
DS2	21E8	534A
DS3	22D4	534C (LIGHT-EMITTING)
DS4	22D5	534A

INTEGRATED CIRCUIT

DESIG	LOC	CODE
IC1A-C	2104 21B3 21A2	KS-21589, L26
IC2A-D	21B7 21B5 21A5 21E4	41BW
IC3	21B2	KS-22118, L1, ISSUE 2 OR 502JA
IC4	2102	KS-21322, L4
IC5	21E4	502CL

CIRCUIT PACK

DESIG	LOC	CODE
CP3 (CONT)		

E/W

INTEGRATED CIRCUIT (CONT)

DESIG	LOC	CODE
IC6A, B	21C7 2107	41HK
IC7A-D	21B7 2107 21C5 21C4	41BW
IC8	21B8	KS-21589, L5
IC9	22B1 22C1 22E1	502BK
IC10A, B	22B3 22C3	41HK
IC11A	22E3	41HK
IC12A-D	22D5 22E5 22B4 22C5	41BW
IC13A, B	22C4 22B4	41HK

OPTO-ISOLATOR

DESIG	LOC	CODE
U1	22B1 22C1	2B
U2	22D1	2B

RESISTOR

DESIG	LOC	CODE
R1	21A1	KS-22452, L1 (TRW, BWF TYPE), 100
R2	21A6	KS-20616, L1A, 1KΩ
R3	21B6	KS-20616, L1A, 1KΩ
R4	21C1	KS-20616, L1A, 10KΩ
R5	2101	KS-20616, L1A, 10KΩ
R6	2104	KS-20616, L1A, 1KΩ
R8	21E3	KS-20616, L1A, (SEE NOTE 1)
R9	21E3	KS-20616, L1A, 750
R10	21E4	KS-20616, L1A, 1960
R11	21E5	KS-20616, L1A, 1470
R12	21E4	KS-20616, L1A, 1KΩ
R13	21F2	KS-20810, L1A, 909
R14	21F2	KS-20810, L1A, 909
R15	21F3	KS-20616, L1A, 86, 600
R16	21B1	KS-20616, L1A, 10KΩ
R17	21E5	KS-20616, L1A, 562
R18	21H1	KS-20045, L3D, .05
R19	21C6	KS-20616, L1A, 5110
R20	21B2	KS-20616, L1A, 4.02KΩ
R21	21B2	KS-20616, L1A, 15.4KΩ
R22	2106	KS-20616, L1A, 5110
R23	2107	KS-20616, L1A, 464
R24	21E8	KS-20616, L1A, 1.1KΩ
R25	22B0	KS-20810, L1A, 3.01KΩ
R26	22B0	KS-20810, L1A, 3.01KΩ
R27	22B1	KS-20810, L1A, 1.54KΩ
R28	22A2	KS-20616, L1A, 10KΩ

CIRCUIT PACK

DESIG	LOC	CODE
CP3 (CONT)		

E/W

RESISTOR (CONT)

DESIG	LOC	CODE
R29	22B2	KS-20616, L1A, 332KΩ
R30	22B2	KS-20616, L1A, 20.5KΩ
R31	22C0	KS-20810, L1A, 3.01KΩ
R32	22C0	KS-20810, L1A, 3.01KΩ
R33	22C1	KS-20810, L1A, 1.54KΩ
R34	22C2	KS-20616, L1A, 10KΩ
R35	22C2	KS-20616, L1A, 332KΩ
R36	22C2	KS-20616, L1A, 20.5KΩ
R37	22D0	KS-20810, L1A, 3.01KΩ
R38	22E0	KS-20810, L1A, 3.01KΩ
R39	22D1	KS-20810, L1A, 1.54KΩ
R40	22D2	KS-20616, L1A, 10KΩ
R41	22D2	KS-20616, L1A, 332KΩ
R42	22E2	KS-20616, L1A, 20.5KΩ
R43	22B4	KS-20616, L1A, 20.5KΩ
R44	22C4	KS-20616, L1A, 20.5KΩ
R45	22D4	KS-20616, L1A, 464
R46	22D4	KS-20616, L1A, 1KΩ
R47	22D6	KS-20616, L1A, 464

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63 AND 64 TYPE DATA MOUNTINGS

DWG SIZE
65

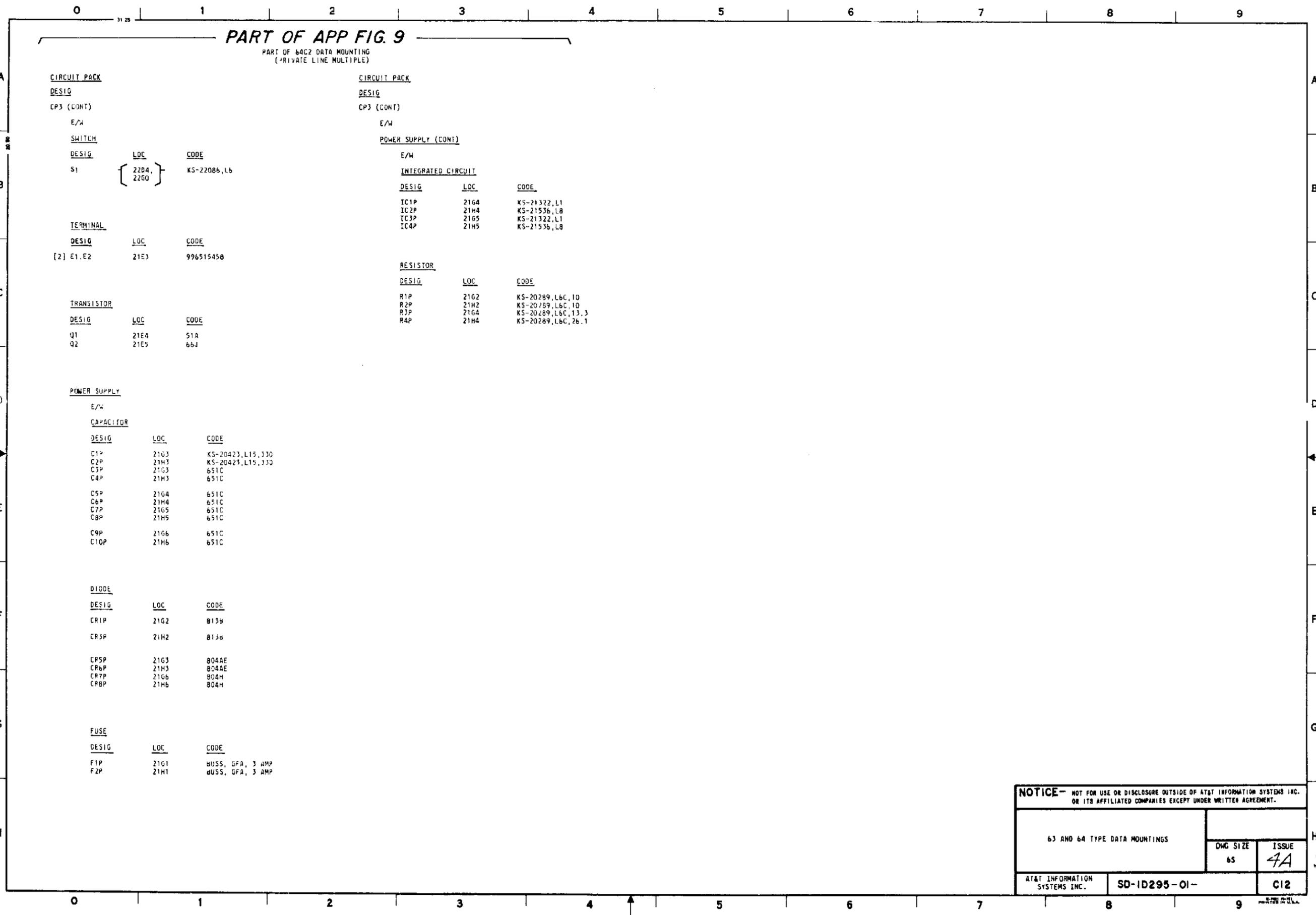
ISSUE
5B

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63 AND 64 TYPE DATA MOUNTINGS		DRG SIZE	ISSUE
		65	4A
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APP FIG. 14
63A2 DATA MOUNTING
(PRIVATE LINE STAND-ALONE)

CAPACITOR

DESIG	LOC	CODE
C10	25E2	535JS, .499 (SEE NOTE 2)
C11	25E2	535JS, .499 (SEE NOTE 2)

CONNECTOR (PLUG)

DESIG	LOC	CODE
PA	25E1	SWITCHCRAFT, EAC-302 (SEE NOTE 2)

CORD

DESIG	LOC	CODE
PWR	25E1	KS-20340, L3 (SEE NOTE 2)

FAN

DESIG	LOC	CODE
B1	25D1	KS-21296, L3

FUSE

DESIG	LOC	CODE
F1	25E1	KS-5842, L2, FUSE HOLDER BUS, MCL-1.5 AMP FUSE

INDUCTOR

DESIG	LOC	CODE
L1	25F1	STACKPOLE CARBON CO. ST. MARY'S, PA. 15857 57-1559 (SEE NOTE 3)
L2	25E3	1211A (SEE NOTE 2)
L3	25E3	1211A (SEE NOTE 2)

TRANSFORMER

DESIG	LOC	CODE
T1	25E2	2203E (SEE NOTE 2)

CIRCUIT PACK

DESIG	LOC	CODE
CP1	24A2, 25B6	84299J867

E/W

CAPACITOR

DESIG	LOC	CODE
C1	24D2	KS-21901, L1, 150PF
C2	24D3	KS-21901, L1, 150PF
C3	24F5	KS-21901, L1, 150PF
C4	25C5	ES-20423, L1, 150
C5	25C5	651C
C6	25C5	651C
C7	25D7	KS-19774, L5, .47
C8	25D5	535HY, .505
C9	25F4	KS-20977, L4, .047

CONNECTOR

DESIG	LOC	CODE
J1	24F7	KS-19087, L51
J2	24E6	KS-22148, L3
J3	24B3	KS-15672, L34 (SEE NOTE 2)
P1	24D7	KS-19088, L40
P2	24D0	KS-22149, L3
[50] P3	24A7	189, 1810 (HEADER) (SEE NOTE 2)

DIODE

DESIG	LOC	CODE
CR1	25C7	459B
CR3	25D5	813AB
CR4	25D5	456F
CR5	25E4	813B
CR6	25E4	813B
CR7	25C4	813B

INTEGRATED CIRCUIT

DESIG	LOC	CODE
IC1A-C	{ 24D2, 24D3, 24F4 }	KS-21589, L26
IC2A, C, D	{ 24D3, 24D4, 24E5 }	418W
IC3	24E3	KS-22118, L1, ISSUE 2 OR 502JA
IC4	25B5	KS-21527, L4
IC5	25C6	502CL

CIRCUIT PACK (CONT)

CP1 (CONT)

E/W

RESISTOR

DESIG	LOC	CODE
R1	24D5	KS-20616, L1A, 1KΩ
R2	24D6	KS-20616, L1A, 1KΩ
R3	24D2	KS-20616, L1A, 10KΩ
R5	24E2	KS-20616, L1A, 10KΩ
R6	24F2	KS-20616, L1A, 10KΩ
R7	24F4	KS-20616, L1A, 1KΩ
R8	25C4	KS-20616, L1A, 10
R9	25C6	KS-20616, L1A, (SEE NOTE 1)
R10	25D6	KS-20616, L1A, 750
R11	25E7	KS-20616, L1A, 1960
R12	25C7	KS-20616, L1A, 1470
R13	25D7	KS-20616, L1A, 1KΩ
R14	25D4	KS-20616, L1A, 909
R15	25D5	KS-20616, L1A, 909
R16	25D6	KS-20616, L1A, 86, 800
R17	25F4	KS-22452, L1, (TRW, BWF TYPE), 100
R18	25C8	KS-20616, L1A, 4640

SWITCH

DESIG	LOC	CODE
S1	24B5	KS-21199, L105

TERMINAL

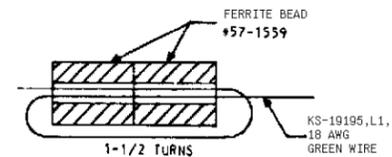
DESIG	LOC	CODE
[2] E1, E2	25C6	996515458

TRANSISTOR

DESIG	LOC	CODE
Q1	25C7	51A
Q2	25C8	66J

NOTES:

1. SELECT IN TEST.
2. CRITICAL COMPONENT.
- 3.



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63 AND 64 TYPE DATA MOUNTINGS

DWG SIZE
65

ISSUE
5B

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APP FIG. 15
63A2 DATA MOUNTING
(PRIVATE LINE STAND-ALONE)

CAPACITOR

DESIG	LOC	CODE
C10	26D2	535JS, .499 (SEE NOTE 2)
C11	26E2	535JS, .499 (SEE NOTE 2)

CONNECTOR (PLUG)

DESIG	LOC	CODE
P4	26E1	SWITCHCRAFT, EAC-302 (SEE NOTE 2)

CORD

DESIG	LOC	CODE
PWR	26D0	KS-20340, L3 (SEE NOTE 2)

FAN

DESIG	LOC	CODE
B1	26D1	KS-21296, L3

FUSE

DESIG	LOC	CODE
F1	26D1	KS-5842, L2, FUSEHOLDER BUS, MDL-1.5 AMP FUSE

INDUCTOR

DESIG	LOC	CODE
L1	26E1	STACKPOLE CARBON CO. ST. MARY'S, PA. 15857 57-1559 (SEE NOTE 3)
L2	26D3	1211A (SEE NOTE 2)
L3	26E3	1211A (SEE NOTE 2)

TRANSFORMER

DESIG	LOC	CODE
T1	26D2	2203E (SEE NOTE 2)

CIRCUIT PACK

DESIG	LOC	CODE
CP1	26A6	842993842

E/W:

CAPACITOR

DESIG	LOC	CODE
C1	26A4	KS-21901, L1, 150PF
C2	26A6	KS-21901, L1, 150PF
C3	26B7	KS-21901, L1, 150PF
C4	26C4	KS-20423, L1, 150
C5	26C5	651C
C6	26C5	651C
C7	26D7	KS-19774, L5, .47
C8	26D5	535HY, .505
C9	26E6	KS-20977, L4, .047
C12	26B5	KS-21902, L1, .1
C13	26C9	KS-21902, L1, .1
C14	26A6	KS-21902, L1, .1

CONNECTOR

DESIG	LOC	CODE
J4	26A3, 26E3	KS-21869, 10
[50] P3	26A9, 26G7	{189, 1810 (HEADER) (SEE NOTE 2)

DIODE

DESIG	LOC	CODE
CR1	26E7	459H
CR3	26D5	813AB
CR4	26D5	456F
CR5	26D4	813B
CR6	26E4	813B
CR7	26D4	813B

INTEGRATED CIRCUIT

DESIG	LOC	CODE
IC1A-C	{26A5, 26A6, 26B8}	KS-21589, L26
IC2A, C, D	26A7, 26B8	418H
IC3	26A5	KS-22118, L1, ISSUE 2 OR 502JA
IC4	26C5	KS-21322, L4
IC5	26C6	502CL

CIRCUIT PACK (CONT)

CP1 (CONT)

E/W:

RESISTOR

DESIG	LOC	CODE
R1	26A8	KS-20616, L1A, 1KΩ
R2	26A8	KS-20616, L1A, 1KΩ
R3	26A4	KS-20616, L1A, 10KΩ
R5	26B4	KS-20616, L1A, 10KΩ
R6	26B4	KS-20616, L1A, 10KΩ
R7	26B8	KS-20616, L1A, 1KΩ
R8	26C4	KS-20616, L1A, 10
R9	26C6	KS-20616, L1A, (SEE NOTE 1)
R10	26D6	KS-20616, L1A, 750
R11	26D7	KS-20616, L1A, 1960
R12	26D8	KS-20616, L1A, 1470
R13	26D7	KS-20616, L1A, 1KΩ
R14	26D4	KS-20616, L1A, 909
R15	26D5	KS-20616, L1A, 909
R16	26D5	KS-20616, L1A, 86, 600
R17	26D7	KS-22452, L1, (TRW, BWF TYPE), 100
R18	26C8	KS-20616, L1A, 4640

TERMINAL

DESIG	LOC	CODE
[2] E1, E2	26C6	996515458

TRANSISTOR

DESIG	LOC	CODE
Q1	26D7	51A
Q2	26D8	66J

CIRCUIT PACK (CONT)

CP2

E/W:

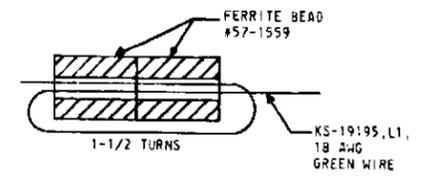
CONNECTOR

DESIG	LOC	CODE
J1	27F3	KS-19087, L51
J2	27D0	KS-22149, L3
J3	27A0	KS-16672, L34 (SEE NOTE 2)
P1	27H4	KS-19088, L40
P2	27B0	KS-22149, L3
P4	27A4, 27F0	KS-21307, L24 (HEADER)

SWITCH

DESIG	LOC	CODE
SI (LOC ADRS)	27D2	KS-21193, L105

- NOTES:
1. SELECT IN TEST.
 2. CRITICAL COMPONENT.
 - 3.



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63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE D	ISSUE 5B
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ED-102D (10/85)

APP FIG. 16
64A3 DATA MOUNTING
(PRIVATE LINE AND DDS/SC MULTIPLE)

APP FIG. 17

CABLE	DESIG	LOC	CODE
	CA19	28B3	845409952

E/W:

CONNECTOR	DESIG	LOC	CODE
	P29	28C3	19-09-2092, MOLEX E/W: CONTACTS 02-09-2101

CIRCUIT PACK	DESIG	LOC	CODE
	OP2	28A8, 29A(3,7), 30A(3,7), 31A(3,7), 32A3	845566405

E/W:

CONNECTOR	DESIG	LOC	CODE
	J9	28D8, 29(C,D)3, 29(C,D)7, 30(C,D)3, 30(C,D)7, 31(C,D)3, 31(C,D)7, 32(C,D)3	KS-16672, L34

CONNECTOR	DESIG	LOC	CODE
	PI0	28G1	6100-43/1.0, FELLER

CORD	DESIG	LOC	CODE
	LINE 1	28A2	KS-14532, L25(10 FT.)

CORD	DESIG	LOC	CODE
	LINE 2	28G0	CH78807, BELDEN

POWER UNIT	DESIG	LOC	CODE
	PS1	28B2	29081

CIRCUIT PACK	DESIG	LOC	CODE
	CP1	28A5, 29A(1,5), 30A(1,5), 31A(1,5), 32A1	845566389

E/W:

CONNECTOR (CONTACTS)	DESIG	LOC	CODE
	[50] P1	32A1	189(26 CONTACTS) 1810(24 CONTACTS)
	[50] P2	31A5	189(26 CONTACTS) 1810(24 CONTACTS)
	[50] P3	31A1	189(26 CONTACTS) 1810(24 CONTACTS)
	[50] P4	30A5	189(26 CONTACTS) 1810(24 CONTACTS)
	[50] P5	30A1	189(26 CONTACTS) 1810(24 CONTACTS)
	[50] P6	29A5	189(26 CONTACTS) 1810(24 CONTACTS)
	[50] P7	29A1	189(26 CONTACTS) 1810(24 CONTACTS)
	[50] P8	28A6	189(26 CONTACTS) 1810(24 CONTACTS)
	[20] P11	28F3	189(20 CONTACTS)
	P12	28C7, 29A2, 29A6, 30A2, 32F2	96P-6043-0531-9
	P13	28(D,E)7, 29(C-E)2, 29(C-E)6, 30(D,E)2, 30(D,E)6, 31(D,E)2, 31(D,E)6, 32(D,E)2	48P-6043-0731-9
	P14	30A6, 31A2, 31A6, 32A2, 32F2	96P-6043-0531-9
	P15	28(D,E)7, 29(D,E)2, 29(D,E)6, 30(C,E)2, 30(C,E)6, 31(C,E)2, 31(C,E)6, 32(C,E)2	48P-6043-0731-9

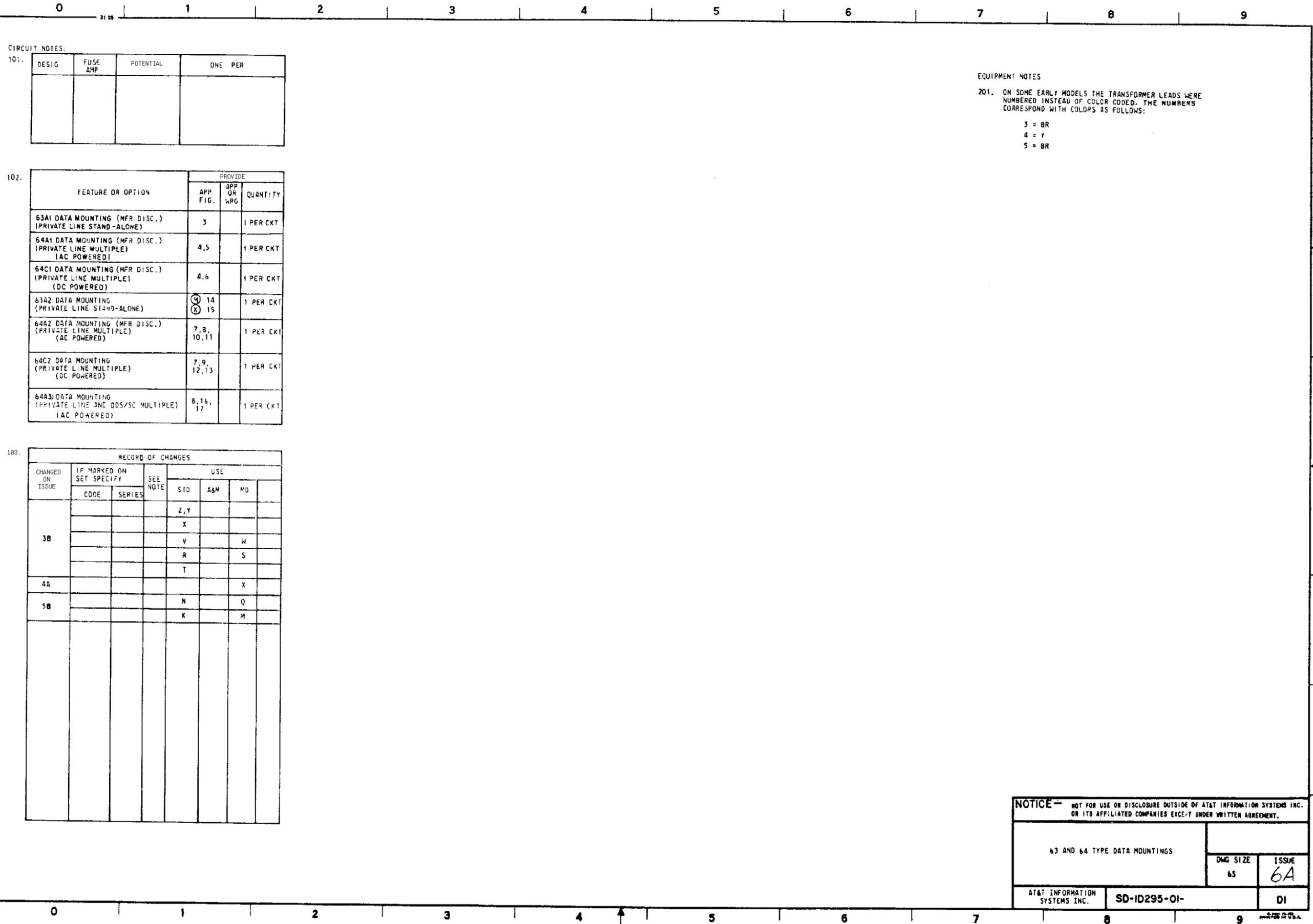
CONNECTOR	DESIG	LOC	CODE
	J12	28A7, 29A(3,7), 30A3, 32F3	96S-6033-0531-9
	J13	28(D,E)7, 29(C-E)3, 29(C-E)7, 30(D,E)3, 30(D,E)7, 31(D,E)3, 31(D,E)7, 32(D,E)3	48S-6033-0731-9
	J14	30A7, 31A(3,7), 32A3, 32F3	96S-6033-0531-9
	J15	28(D,E)7, 29(D,E)3, 29(D,E)7, 30(C,E)3, 30(C,E)7, 31(C,E)3, 31(C,E)7, 32(C,E)3	48S-6033-0731-9
	J17	28(D,E)8, 29D3, 29D7, 30D3, 30D7, 31D3, 31D7, 32D3	KS-16672, L34

FAN	DESIG	LOC	CODE
	B1	28G2	MX282, ROYRON
	B2	28G2	
	B3	28G1	

TERMINAL	DESIG	LOC	CODE
	E1	28C3	900 318 288 (KFM-632-5)
	E2	28D3	
	E3	28C3	
	E4	28D3	
	E5	28E3	
	E6	28E3	

SWITCH	DESIG	LOC	CODE
	S1	32E3	206-5LPST

NOTICE - Not for use or disclosure outside of AT&T Information Systems Inc. or its affiliated companies except under written agreement.			
63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE	ISSUE	
	D	6A	
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	C15	



CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER

EQUIPMENT NOTES

201. ON SOME EARLY MODELS THE TRANSFORMER LEADS WERE NUMBERED INSTEAD OF COLOR CODED. THE NUMBERS CORRESPOND WITH COLORS AS FOLLOWS:
 3 = BR
 4 = Y
 5 = BR

102.

FEATURE OR OPTION	PROVIDE		QUANTITY
	APP FIG.	APP OR WRG	
63A1 DATA MOUNTING (MFR DISC.) (PRIVATE LINE STAND-ALONE)	3		1 PER CKT
64A1 DATA MOUNTING (MFR DISC.) (PRIVATE LINE MULTIPLE) (AC POWERED)	4,5		1 PER CKT
64C1 DATA MOUNTING (MFR DISC.) (PRIVATE LINE MULTIPLE) (DC POWERED)	4,6		1 PER CKT
63A2 DATA MOUNTING (PRIVATE LINE STAND-ALONE)	14 15		1 PER CKT
64A2 DATA MOUNTING (MFR DISC.) (PRIVATE LINE MULTIPLE) (AC POWERED)	7,8, 10,11		1 PER CKT
64C2 DATA MOUNTING (PRIVATE LINE MULTIPLE) (DC POWERED)	7,9, 12,13		1 PER CKT
64A3 DATA MOUNTING (PRIVATE LINE AND DDS/SC MULTIPLE) (AC POWERED)	8,16, 17		1 PER CKT

103.

RECORD OF CHANGES						
CHANGED ON ISSUE	IF MARKED ON SET SPECIFY		SEE NOTE	USE		
	CODE	SERIES		S10	A&M	MD
3B				Z, Y		
				X		
				V		W
				R		S
				T		
4A						X
5B				N		Q
				K		M

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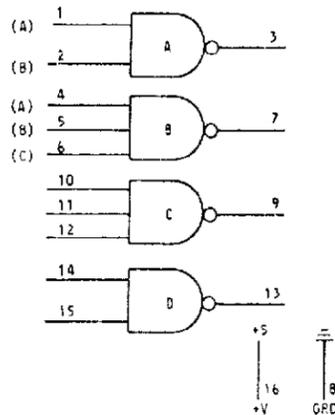
63 AND 64 TYPE DATA MOUNTINGS	DWG SIZE	ISSUE
	6S	6A
AT&T INFORMATION SYSTEMS INC.	SD-ID295-01-	DI

INFORMATION NOTES:

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

302. INTEGRATED CIRCUIT DEVICES.
(A) 418W, QUAD 2-2-3-3 BUFFER NAND GATE,
SEE NOTE 1.

IC2, IC12



CIRCUIT DESCRIPTION

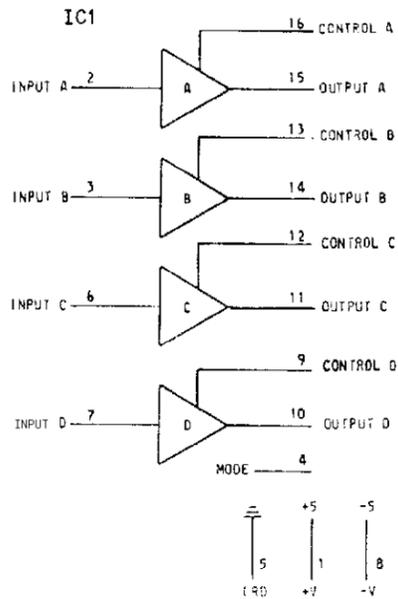
THIS DEVICE CONTAINS TWO 3-INPUT NAND GATES AND TWO 2-INPUT NAND GATES, PERFORMING THE LOGIC FUNCTION:

$$Y = \overline{abc} \text{ AND } Y = \overline{ab}$$

A LOGICAL 0 OUTPUT IS OBTAINED ONLY IF ALL INPUTS TO THE NAND GATES ARE LOGICAL 1. ALL OTHER INPUT COMBINATIONS CAUSE THE OUTPUT TO BE A LOGICAL 1.

INFORMATION NOTES: (CONT)

302. (CONT)
(B) KS-21589, L26, (RS-422/RS-423) LINE DRIVERS, SEE NOTE 1.



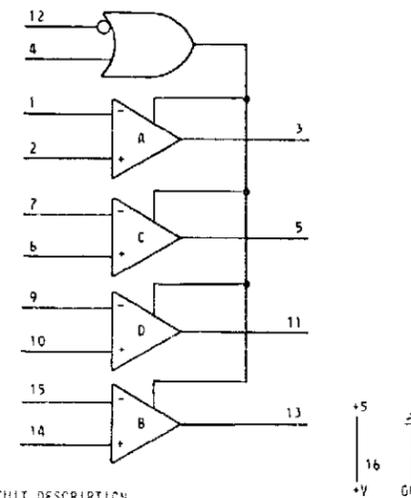
CIRCUIT DESCRIPTION

THIS DEVICE CONTAINS FOUR EIA STANDARDS RS-422 AND RS-423 LINE DRIVERS. THE OUTPUTS ARE BUFFERED AND HAVE HIGH SOURCE AND SINK CURRENT CAPABILITY WITH INTERNAL SHORT CIRCUIT PROTECTION. THE CONTROL LEAD, WHEN CONNECTED TO AN EXTERNAL CAPACITOR, REDUCES RISE TIME ON THE OUTPUT LEAD. THE MODE CONTROL INPUT PERMITS OPERATION AS TWO DIFFERENTIAL LINE DRIVERS OR FOUR INDEPENDENT LINE DRIVERS.

INFORMATION NOTES: (CONT)

302. (CONT)
(C) KS-22118, L1, QUAD DIFFERENTIAL LINE RECEIVERS, SEE NOTE 1.

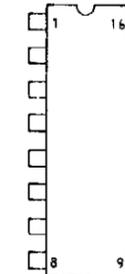
IC3



CIRCUIT DESCRIPTION

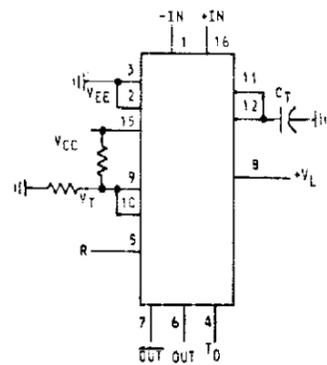
THIS DEVICE CONTAINS FOUR DIFFERENTIAL THREE STATE LINE RECEIVERS THAT MEET EIA STANDARDS RS422 AND RS423. THE INPUT SENSITIVITY IS 200 mV OVER THE INPUT RANGE OF +7V. THE COMMON GATE PROVIDES AN ENABLE AND DISABLE FUNCTION FOR ALL FOUR RECEIVERS.

NOTES:
1. PIN NUMBERING, TOP VIEW.



302. (CONT)
(D) 502CL, TIME DELAY COMPARTOR,
SEE NOTE 1.

IC5

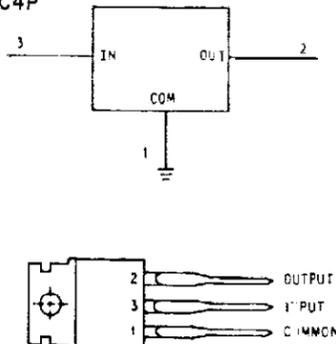


CIRCUIT DESCRIPTION

THIS DEVICE CONSISTS OF A COMPARTOR, A CONSTANT CURRENT SOURCE, A THRESHOLD VOLTAGE GENERATOR, A DETECTOR COMPARTOR AND THREE LOGIC GATES. WHEN THE SIGNAL ON -IN EXCEEDS THAT ON +IN THE COMPARTOR GOES LOW, DISCHARGING THE EXTERNAL TIMING CAPACITOR C_T. THE DETECTOR COMPARTOR COMPARES THE THRESHOLD VOLTAGE AT PIN 10 WITH PIN 12 CAUSING A LOW ON THE T_D LEAD. OUT AND OUT TO ARE FLIP-FLOP OUTPUTS THAT CAN BE LATCHED EXTERNALLY WITH R. WHEN THE SIGNAL ON -IN FALLS BELOW THAT OF +IN THE PROCEDURE IS REVERSED WITH C_T BECOMING CHARGED AND THE DETECTOR SWITCHING TO THE HIGH STATE.

302. (CONT)
(E) KS-21536, L8 (-5 VOLT) VOLTAGE REGULATOR.

IC2P, IC4P

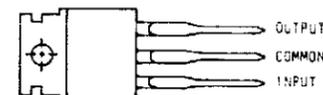
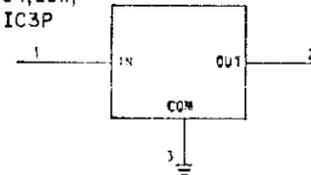


CIRCUIT DESCRIPTION

THIS DEVICE IS A SELF-CONTAINED -5-VOLT REGULATOR. IT HAS INTERNAL CURRENT LIMITING AND THERMAL SHUTDOWN FOR DEVICE PROTECTION.

302. (CONT)
(F) KS-21322, L4 (+12 VOLT); KS-21322, L1 (+5 VOLT)
VOLTAGE REGULATOR.

IC4, IC1P, IC3P



CIRCUIT DESCRIPTION

THE L4 DEVICE IS A SELF-CONTAINED +12-VOLT REGULATOR. THE L1 DEVICE IS A SELF-CONTAINED +5-VOLT REGULATOR, EACH HAS INTERNAL CURRENT LIMITING AND THERMAL SHUTDOWN FOR DEVICE PROTECTION.

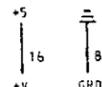
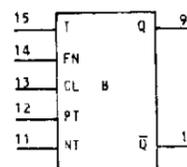
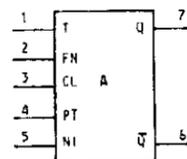
63 AND 64 TYPE DATA MOUNTINGS		DWG SIZE	ISSUE
		63	3B
BELL LABORATORIES	SD-ID295-01-	D2	

INFORMATION NOTES: (CONT)

302. (CONT)

(G) 41MK, DUAL TIME DELAY. SEE NOTE 1.

IC10, IC11



CIRCUIT DESCRIPTION

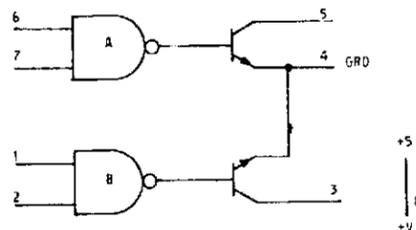
THE OUTPUT REMAINS UNCHANGED UNTIL THE INPUT PULSE WIDTH EXCEEDS THE DELAY DETERMINED BY THE EXTERNAL RC NETWORK. REMOVAL OF THE INPUT PULSE WILL RETURN THE OUTPUT TO ITS INITIAL STATE. IF THE INPUT PULSE IS SHORTER THAN THE DELAY OF THE EXTERNAL RC NETWORK THERE IS NO OUTPUT RESPONSE.

INFORMATION NOTES: (CONT)

302. (CONT)

(H) KS-21589, L5, DUAL PERIPHERAL AND DRIVER. SEE NOTE 2.

IC8

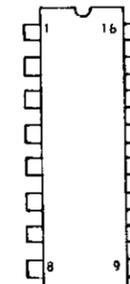


CIRCUIT DESCRIPTION

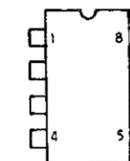
A LOW LEVEL LOGIC SIGNAL ON EITHER INPUT OR BOTH INPUTS TURNS THE OUTPUT DRIVER TRANSISTOR ON.

NOTES:

1. PIN NUMBERING, TOP VIEW.



2. PIN NUMBERING, TOP VIEW.



INFORMATION NOTES: (CONT)

103. THE 6541 MOUNTING IS DESCRIBED IN RSP 590-102-162. DC POWER REQUIREMENTS AND CONNECTIONS ARE INCLUDED.

63 AND 64 TYPE DATA MOUNTINGS

DWG SIZE
65

ISSUE
3B

BELL LABORATORIES

SD-ID295-01-

D3

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