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OPTION INDEX			
APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION

DWG ISS	CD ISS	DATE ISS	DRN	APP
1	1	9-6-91		

SUPPORTING INFORMATION		SHEET INDEX NOTES
CATEGORY	NO.	
EQUIPMENT DRAWING	J5D003BN-2 SD-5D140-01 SD-5D144-01 SD-5D144-02 SD-5D118-03 SD-5D119-02 SD-5D160-01	<p>1. ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX.</p> <p>2. FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1.</p> <p>3. THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.</p>

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BT13

5ESS SWITCHING EQUIPMENT

6 FAN EXHAUST  
UNIT  
CIRCUIT

DWG SIZE	ISSUE
C2	1

AT&T SD-5D162-01 SHEET 10 A1

# DESIGNATION MNEMONICS INDEX

	<u>MNEMONIC</u>	<u>FS/SYM</u>	<u>DEFINITION</u>
A	ALED(A-G)	1	ALARM LED
	ALM(A-G)	1	FAN ALARM
	ALMRTN(A-G)	1	ALARM LED RETURN
	FANPWR	1	FAN POWER
B	FLEDR	1	CABINET LED RETURN
	GRD	1	5VOLT FAN POWER GRD
	RSTR	1	REMOTE RESET RETURN
	RSTFAN	1	REMOTE RESET REPEAT RETURN
	RSTFANS	1	REMOTE RESET REPEAT
	SCANR	1	SCAN POINT OUTPUT RETURN
C	SW1/2	1	MANUAL ALARM RESET SWITCH
	0RST1	1	REMOTE RESET SPARE
	0SCAN0	1	SCAN SPARE
	1RST1	1	REMOTE RESET SPARE
	1SCAN0	1	SCAN SPARE
D	3BSCAN0	1	SCAN POINT OUTPUT
	3BRST1	1	REMOTE RESET
	-4B(A-G)	1	NEGATIVE 48 VOLT SUPPLY
	48RTN(A-G)	1	NEGATIVE 48 VOLT RETURN

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6 FAN EXHAUST UNIT	DWG SIZE <b>C2</b>	ISSUE <b>1</b>
AT&T	SD-5D162-01	SHEET <b>A2</b>

0 1 2 3 4 5 6 7 8 9

A  
B  
C  
D  
E  
F  
G  
H

APPARATUS INDEX

DESIG	LOCATION		
	FS	APP FIG.	EQPT
CIRCUIT PACK			
CP1	1F4	1	

LEAD INDEX

DESIG	LOCATION	
	FS	CAD
CABINET LEADS		
FLEDR	1H7	2B3

DESIG	LOCATION	
	FS	CAD
SUCCEEDING FAN UNIT		
3BSCAN0	1H4	1B7
RSTFAN	1H4	1C7
RSTFANS	1H4	1B7
SCANR	1H4	1B7

CONNECTOR

DESIG	LOCATION	QTY	UNIT
C1	1D5	1	
C2	1D6	1	
C3	1D7	1	
C4	1D2	1	
C5	1D3	1	
C6	1D4	1	

FAN LEADS

DESIG	LOCATION	QTY	UNIT
ALEDA	1E8	2	C0
ALEDB	1E8	2	C0
ALEDC	1F8	2	C0
ALEDE	1F8	2	C0
ALEDF	1G8	2	C0
ALEDG	1G8	2	C0
ALMRTNA	1E8	2	C0
ALMRTNB	1F8	2	C0
ALMRTNC	1F8	2	C0
ALMRTNE	1F8	2	C0
ALMRTNF	1G8	2	C0
ALMRTNG	1G8	2	C0

FAN

DESIG	LOCATION	QTY	UNIT
A	1C5	1	
B	1C6	1	
C	1C7	1	
E	1C2	1	
F	1C3	1	
G	1C4	1	

FUSE/FILTER PANEL

DESIG	LOCATION	QTY	UNIT
-48A	1A4	3	E2
-48B	1A4	3	D2
-48C	1A4	3	C2
-48E	1A4	3	D5
-48F	1A4	3	D5
-48G	1A4	3	B5
48RTNA	1A4	3	E2
48RTNB	1A4	3	D2
48RTNC	1A4	3	C2
48RTNE	1A4	3	D5
48RTNF	1A4	3	D5
48RTNG	1A4	3	B5

LEDS

DESIG	LOCATION	QTY	UNIT
DS1	1E8	1	
DS2	1E8	1	
DS3	1F8	1	
DS4	1F8	1	
DS5	1G8	1	
DS6	1G8	1	

IOP 0 OR PRECEDING FAN UNIT

DESIG	LOCATION	QTY	UNIT
3BRST1	1H2	1	C3
3BSCAN0	1H1	1	B3
RSTR	1H2	1	B3
SCANR	1H1	1	B3

SWITCH

DESIG	LOCATION	QTY	UNIT
SW1	1F1	1	

IOP 1 OR NC

DESIG	LOCATION	QTY	UNIT
3BRST1	1H3	1	B5
3BSCAN0	1H3	1	B5
RSTR	1H3	1	B5
SCANR	1H3	1	B5

TERMINAL STRIP

DESIG	LOCATION	QTY	UNIT
TS0	1B4, 1D4	1	
TS1	1B1, 1D1	1	

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6 FAN EXHAUST  
UNIT

DWG SIZE	ISSUE
C2	1

AT&T

SD-5D162-01

SHEET
A3

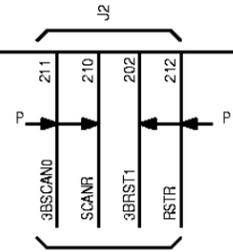
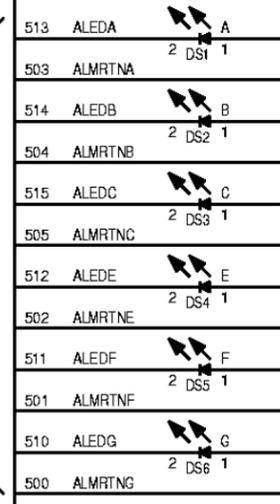
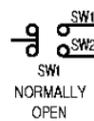
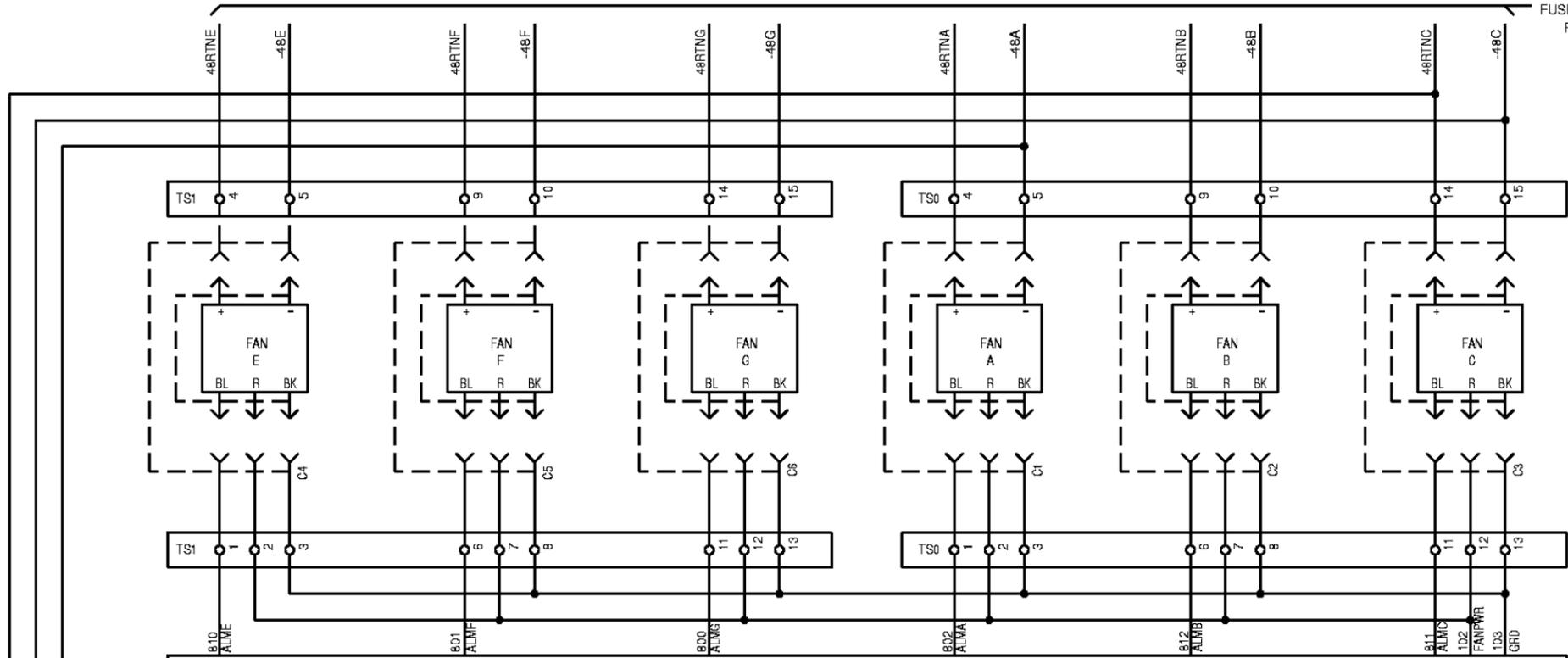
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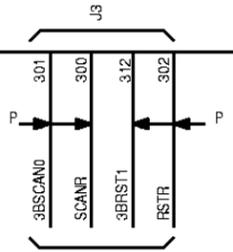
# FS 1

FAN UNIT AND  
ALARM CIRCUIT

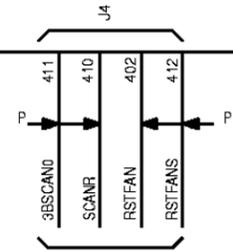
TO  
FUSE/FILTER  
PANEL



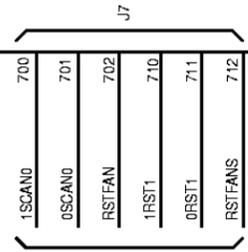
TO IOP 0  
OR SMPU 0  
OR TO PRECEDING  
FAN UNIT  
(SEE NOTE 102)



TO IOP 1  
OR SMPU 1  
OR N.C.  
(SEE NOTE 103)



TO  
SUCCEEDING  
FAN UNIT  
(SEE NOTE 104)



SPARES



TO  
CABINET LEDS

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6 FAN EXHAUST UNIT		DWG SIZE C2
		ISSUE 1
AT&T	SD-5D162-01	SHEET B1

# APP FIG. 1

## CIRCUIT PACK

<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
CP1	1F4	CM233A

## CONNECTOR

<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
C1	1D5	AMP (SEE NOTE 304)
C2	1D6	AMP (SEE NOTE 304)
C3	1D7	AMP (SEE NOTE 304)
C4	1D2	AMP (SEE NOTE 304)
C5	1D3	AMP (SEE NOTE 304)
C6	1D4	AMP (SEE NOTE 304)

## FAN

<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
A	1C5	KS-22501 L3A
B	1C6	KS-22501 L3A
C	1C7	KS-22501 L3A
E	1C2	KS-22501 L3A
F	1C3	KS-22501 L3A
G	1C4	KS-22501 L3A

## LIGHT EMITTING DIODES

<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
DS1	1E8	WP-90913L1 OR 549D ↓
DS2	1E8	
DS3	1F8	
DS4	1F8	
DS5	1G8	
DS6	1G8	

## SWITCH

<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
SW1	1F1	5A-4150W1-2-2

## TERMINAL STRIP

<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
TS0	1B4, 1D4	EBY 15-84-2E1F-B1A
TS1	1B1, 1D1	EBY 15-84-2E1F-B1A

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6 FAN EXHAUST  
UNIT

DWG SIZE	ISSUE
C2	1

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SHEET  
C1

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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
70	1 1/3	-48V	FAN
<u>BATTERY SYMBOL</u>		<u>VOLTAGE RANGE</u>	
-48V		-42.75V TO -52.5	

102. MASTER UNIT: TO IOP 0 OR TO SMPU 0 IF USED IN THE SMC CABINET, OR LTP CABINET.  
 SLAVE UNIT: FROM (J4) PREVIOUS FAN UNIT.

103. MASTER UNIT: TO IOP 1 OR TO SMPU 1 IF USED IN THE SMC CABINET, OR LTP CABINET.  
 SLAVE UNIT: NO CONNECT.

104. MASTER UNIT: TO (J2) OF THE SUCCEEDING UNIT NO CONNECT OTHERWISE.  
 SLAVE UNIT: TO (J2) OF THE SUCCEEDING UNIT NO CONNECT OTHERWISE.

105. THE CONNECTIONS SPECIFIED IN NOTES 102-104 APPLY TO 6 FAN UNITS INTERCONNECTIONS ONLY. IN CASE 6 FAN UNITS (SD-5D081-01) ARE INTERMIXED WITH OTHER FAN UNITS, SEE THE SWITCHING MODULE APPLICATION SCHEMATIC (SD-5D012-02) FOR INTERCONNECTION INSTRUCTIONS.

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6 FAN EXHAUST  
 UNIT

DWG SIZE	ISSUE
C2	1

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INFORMATION NOTES:

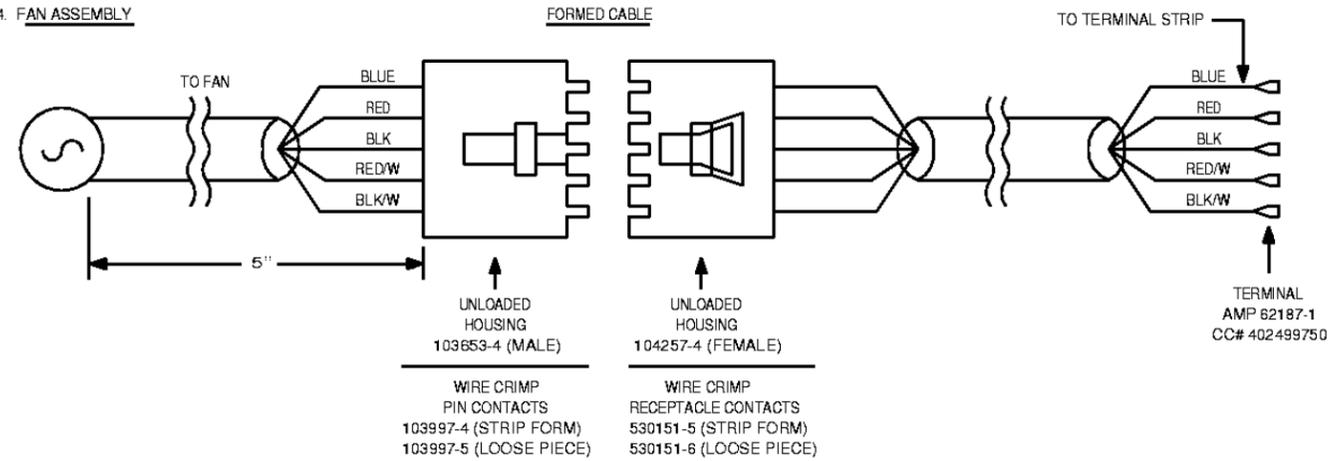
301. UNLESS OTHERWISE SPECIFIED:  
RESISTANCE VALUES ARE IN OHMS.  
CAPACITANCE VALUES ARE IN MICROFERADS.  
VALUES PRECEDED BY THE SYMBOL + (PLUS)  
OR - (MINUS) ARE IN VOLTS.

302. FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
BASIC 6 FAN UNIT	1		1

303. RECORD OF 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

INFORMATION NOTES(CONT):

304. FAN ASSEMBLY

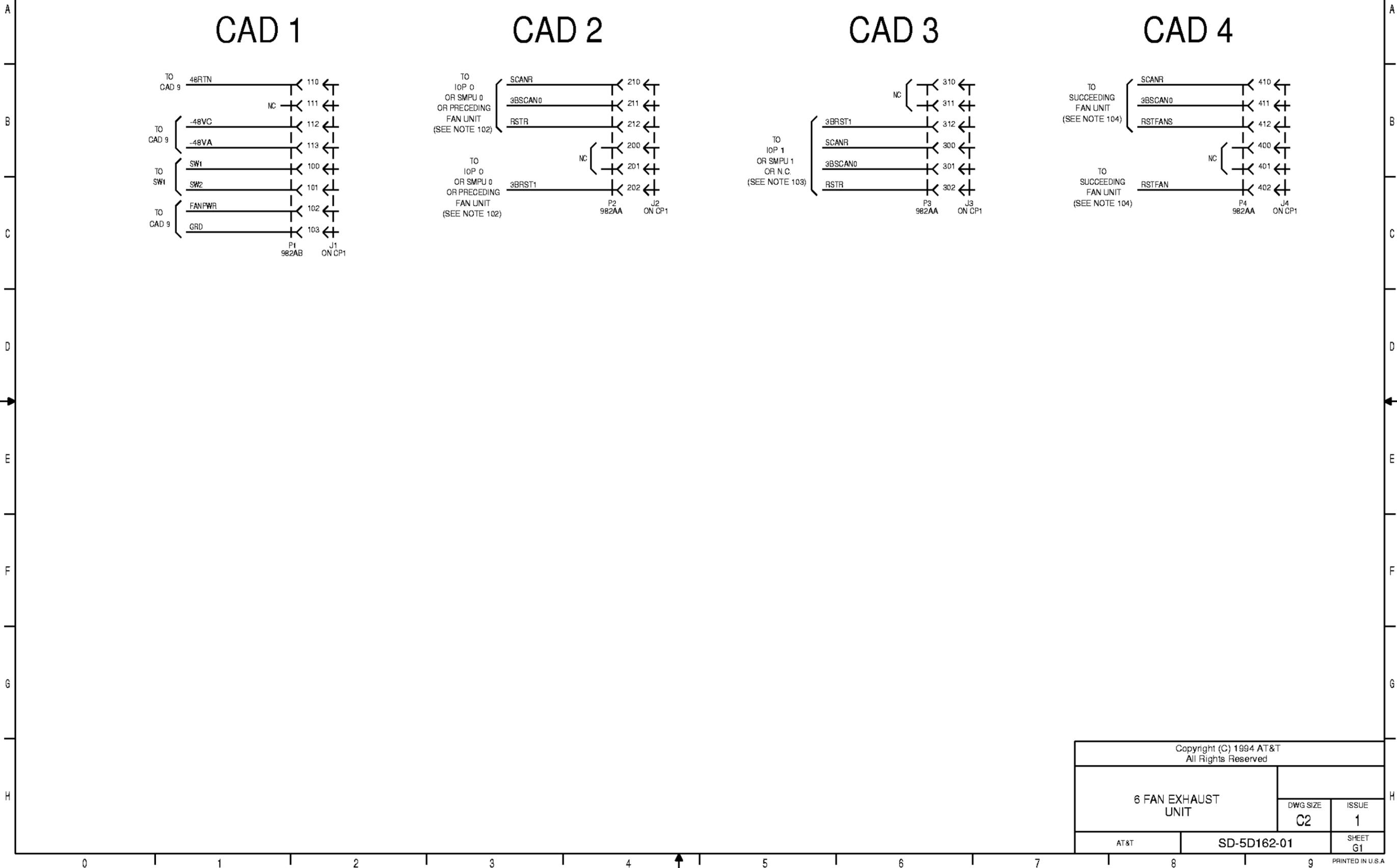


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6 FAN EXHAUST UNIT

DWG SIZE C2	ISSUE 1
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	SHEET D2

0 1 2 3 4 5 6 7 8 9



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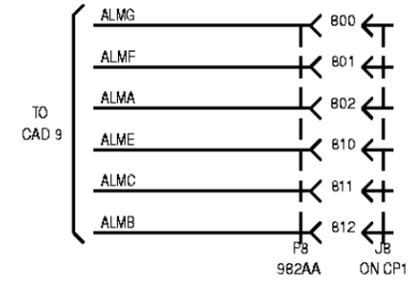
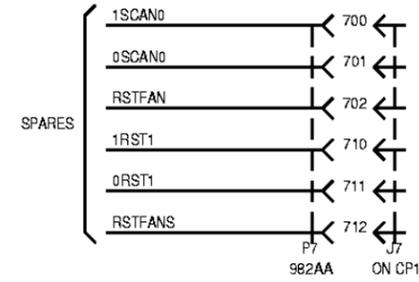
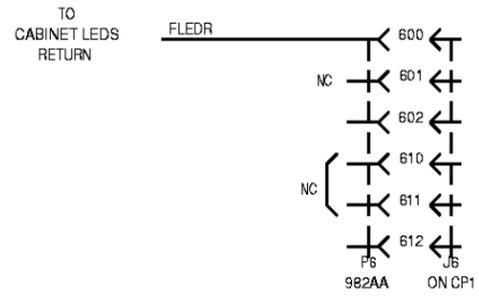
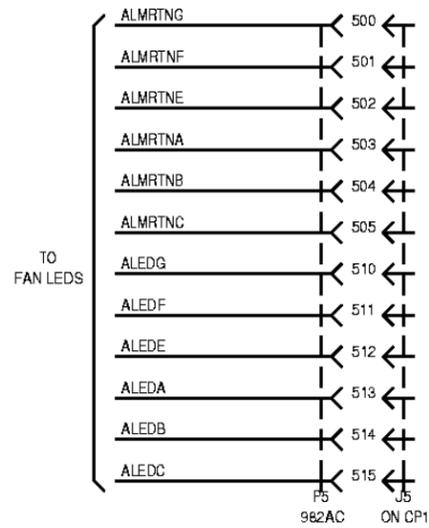
A A

# CAD 5

# CAD 6

# CAD 7

# CAD 8



D D

E E

F F

G G

H H

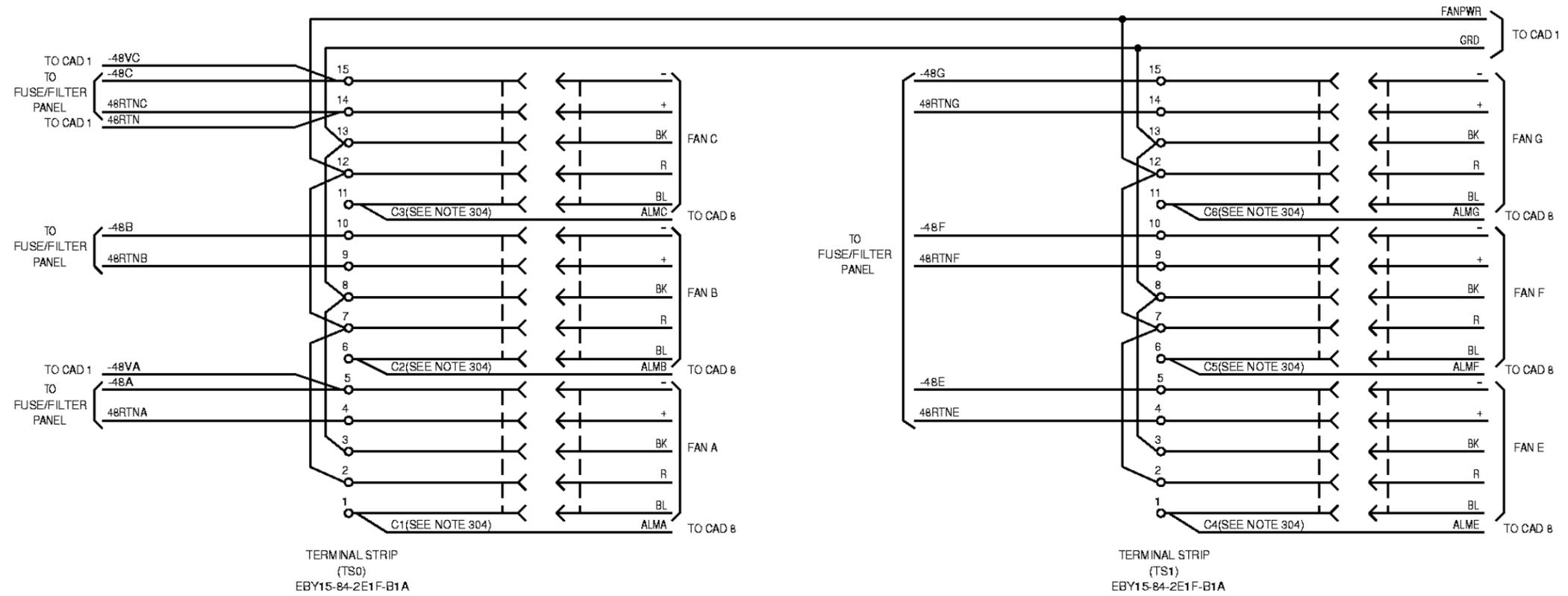
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# CAD 9

FAN POWER CONNECTION



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