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OPTION INDEX			
APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
Z	A&M 4M		APP FIG. 1
Y	STD 4M	305	APP FIG. 1

DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS
1	1	2D	1 APPX 1E	3M	1 APPX 2M
DWG ISS	CD ISS	DATE ISSD	DRN	APP	
4B	1 APPX 3B	10-31-91			

SUPPORTING INFORMATION	
CATEGORY	NO.
EQUIPMENT DRAWING	JSD003BN-1

SHEET INDEX NOTES
<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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AT13

5ESS[®] SWITCHING EQUIPMENT

**6 FAN UNIT
CIRCUIT**

DWG SIZE C2	ISSUE 4B
AT&T	SD-5D081-01
SHEET A1 9 SHEETS	

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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		
FLED0	1H7	2B3
FLED1	1H7	2C3
FLEDR	1H7	2B3
SUCCEEDING FAN UNIT		
3BSCAN0	1H4	1B8
RSTFAN	1H4	1C8
RSTFANS	1H4	1B8
SCANR	1H4	1B8

CONNECTOR			
C1	1D5	1	
C2	1D6	1	
C3	1D7	1	
C4	1D2	1	
C5	1D3	1	
C6	1D4	1	

FAN LEADS		
ALEDA	1E8	2D1
ALEDB	1E8	2D1
ALEDC	1F8	2D1
ALEDE	1F8	2C1
ALEDF	1G8	2C1
ALEDG	1G8	2C1
ALMRTNA	1E8	2B1
ALMRTNB	1E8	2C1
ALMRTNC	1F8	2C1
ALMRTNE	1F8	2B1
ALMRTNF	1G8	2B1
ALMRTNG	1G8	2B1

FAN			
A	1C5	1	
B	1C6	1	
C	1C7	1	
E	1C2	1	
F	1C3	1	
G	1C4	1	

FUSE/FILTER PANEL		
-48A	1A5	3D1
-48B	1A6	3C1
-48C	1A7	3B1
-48E	1A2	3D5
-48F	1A3	3C5
-48G	1A4	3B5
48RTNA	1A5	3E1
48RTNB	1A6	3D1
48RTNC	1A7	3C1
48RTNE	1A2	3E5
48RTNF	1A3	3D5
48RTNG	1A4	3C5

LEDS			
DS1	1E8	1	
DS2	1E8	1	
DS3	1F8	1	
DS4	1F8	1	
DS5	1G8	1	
DS6	1G8	1	

TOP 0 OR PRECEDING FAN UNIT		
3BRST1	1H2	1C3
3BSCAN0	1H1	1B3
RSTR	1H2	1B3
SCANR	1H1	1B3

SWITCH			
SW1	1F1	1	

TOP 1 OR NC		
3BRST1	1H3	1B5
3BSCAN0	1H3	1B5
RSTR	1H3	1B5
SCANR	1H3	1B5

TERMINAL BLOCK			
TB0	1B4, 1D4	1	
TB1	1B1, 1D1	1	

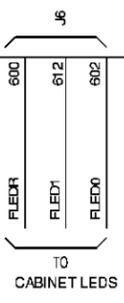
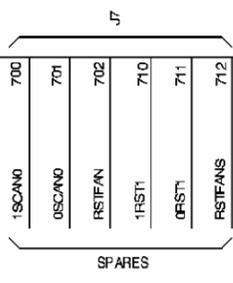
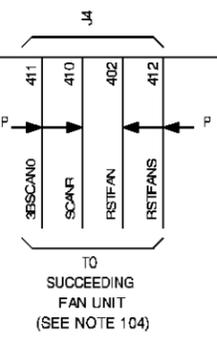
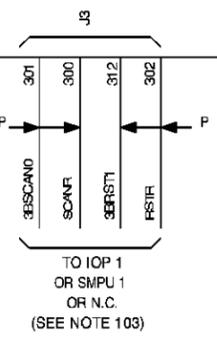
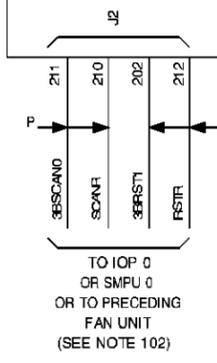
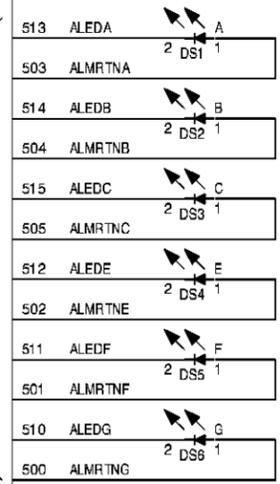
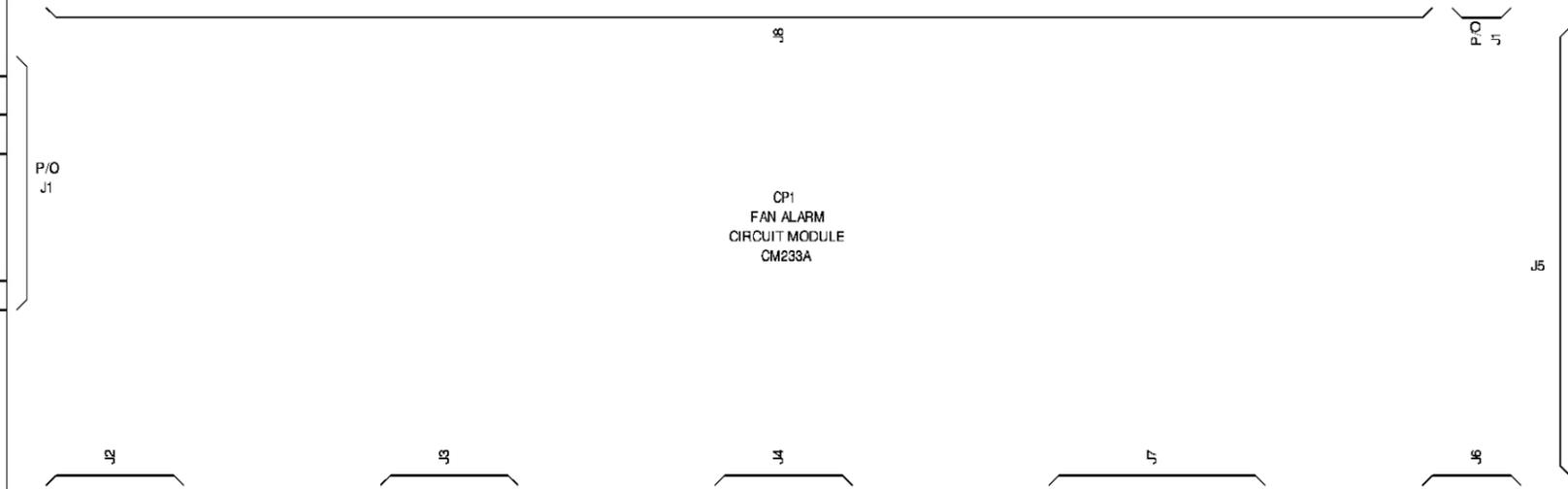
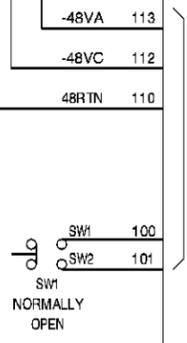
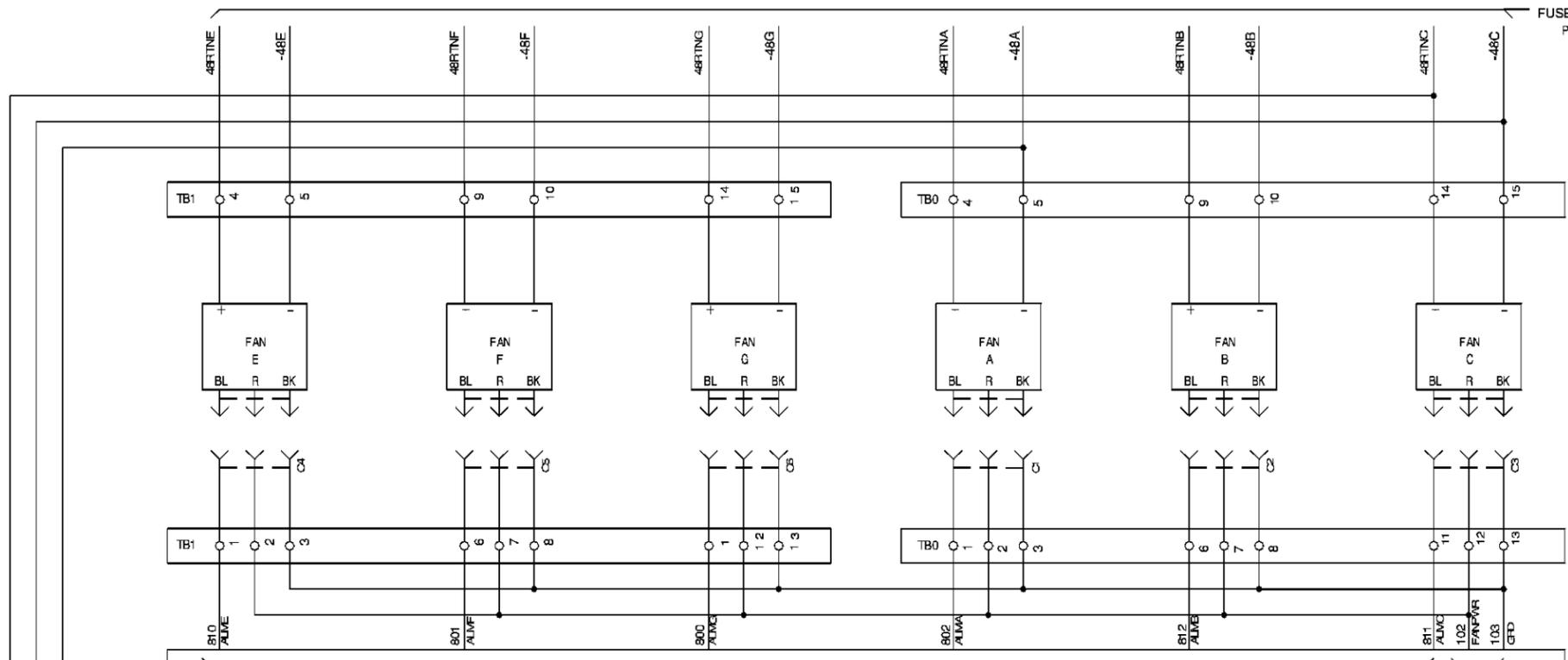
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6 FAN UNIT	DWG SIZE	ISSUE
	C2	4B
AT&T	SD-5D081-01	SHEET A2

0 1 2 3 4 5 6 7 8 9 PRINTED IN U.S.A.

FS 1

FAN UNIT AND
ALARM CIRCUIT

TO
FUSE/FILTER
PANEL



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6 FAN UNIT

DWG SIZE	ISSUE
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APP FIG. 1

CIRCUIT PACK

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

CONNECTOR

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

FAN

<u>OPTION</u>	<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
Z	A	1C4	KS-22501 L3
Z	B	1C5	KS-22501 L3
Z	C	1C6	KS-22501 L3
Z	E	1C1	KS-22501 L3
Z	F	1C2	KS-22501 L3
Z	G	1C3	KS-22501 L3
Y	A	1C4	KS-23912 L1
Y	B	1C5	KS-23912 L1
Y	C	1C6	KS-23912 L1
Y	E	1C1	KS-23912 L1
Y	F	1C2	KS-23912 L1
Y	G	1C3	KS-23912 L1

LIGHT EMITTING DIODES

<u>OPTION</u>	<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
	DS1	1E8	5490
	DS2	1E8	5490
	DS3	1F8	5490
	DS4	1F8	5490
	DS5	1G8	5490
	DS6	1G8	5490

SWITCH

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

TERMINAL BLOCK

<u>OPTION</u>	<u>DESIG</u>	<u>LOC</u>	<u>CODE</u>
	TB0	1B4, 1D4	KULKA 600-15
	TB1	1B1, 1D1	KULKA 600-15

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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
70	1 1/3	-48V	FAN

BATTERY SYMBOL	VOLTAGE RANGE
-48V	-42.75V TO -52.50

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

103. MASTER UNIT: TO IOP 1 OR TO SMPU 1 IF USED IN THE SMC 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 UNIT

DWG SIZE	ISSUE
C2	4B

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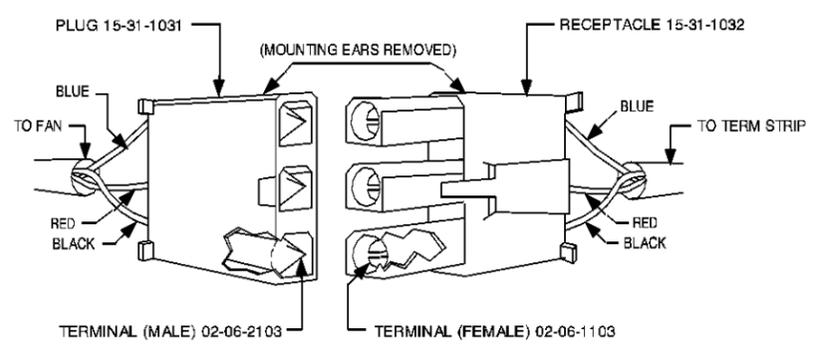
301. UNLESS OTHERWISE SPECIFIED:
 RESISTANCE VALUES ARE IN OHMS.
 CAPACITANCE VALUES ARE IN MICROFARADS.
 VALUES PRECEDED BY THE SYMBOL - (PLUS)
 OR - (MINUS) ARE IN VOLTS.

302.

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WHC	QUANTITY
BASIC 6 FAN UNIT	1		1
THERMISTOR FANS	1	Y	1
STANDARD FANS	1	Z	1

INFORMATION NOTES(CONT):

304. MOLEX CONNECTORS AND TERMINALS.



305. THERMISTOR CONTROLLED FAN
 THIS FAN REQUIRES NO CHANGE IN THE WIRING OR CONNECTORS OF THE FAN UNIT. THERE IS A MOLEX CONNECTOR FOR THE ALARM LEADS AND A LINE CORD FOR THE POWER THE SAME AS THE OLD FAN UNIT. THE NEW KS CODE AND MANUFACTURER CODE IS AS FOLLOWS:
 KS23912L1=ROTRON PQ48S4HBDLX/031240
 PAPST 6248/T3-047

306. CURRENT DRAINS
 OPTION Z 2.5 AMPS
 OPTION Y 2.0 AMPS

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
4M		Z	304		✓	
4M	Y		305	✓		

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6 FAN UNIT

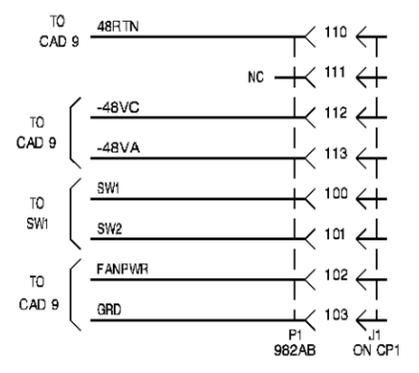
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		SHEET D2	

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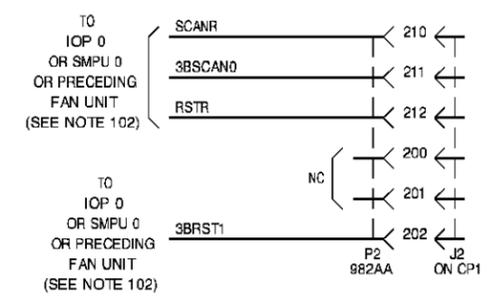
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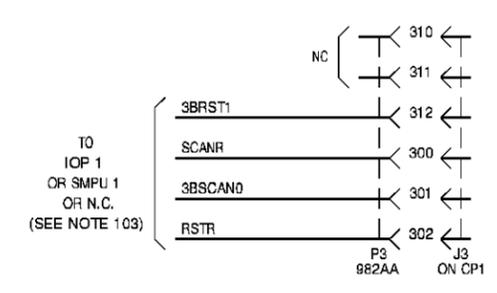
CAD 1



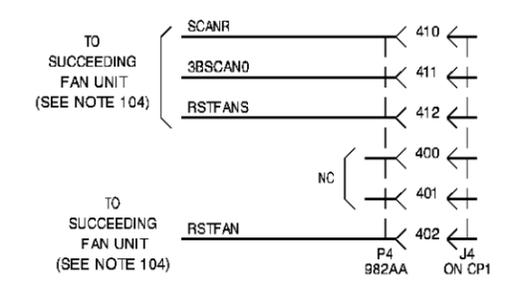
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CAD 3



CAD 4



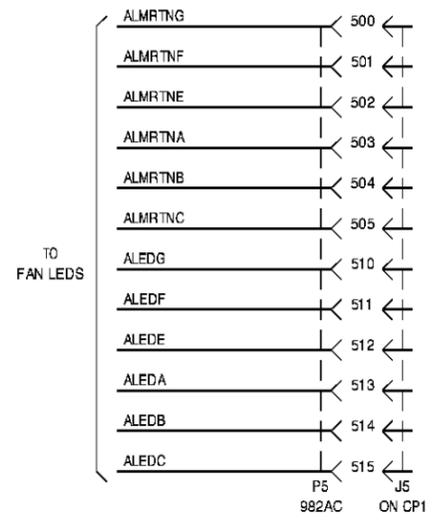
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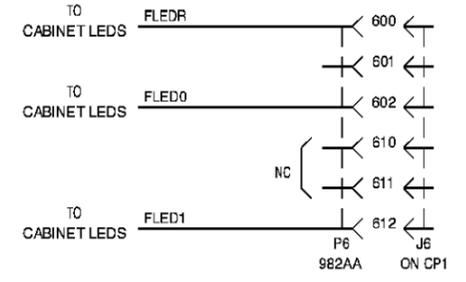
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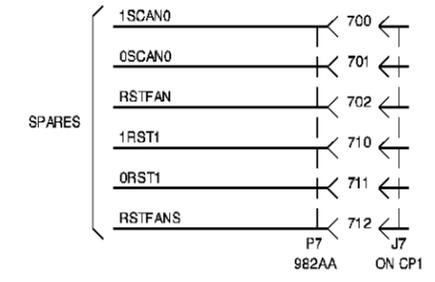
CAD 5



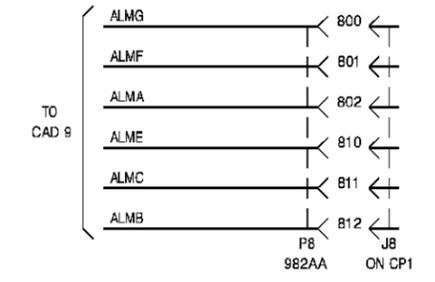
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CAD 7



CAD 8



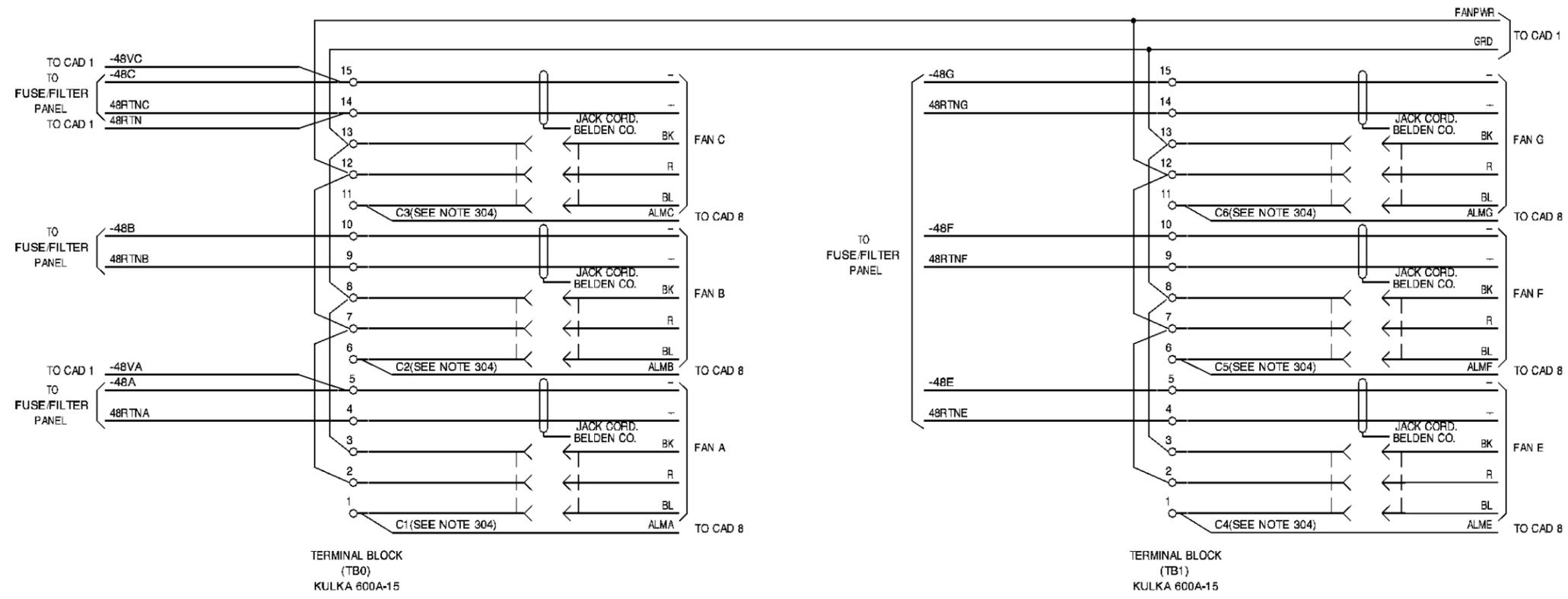
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6 FAN UNIT	DWG SIZE	ISSUE
	C2	4B
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0 1 2 3 4 5 6 7 8 9

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CAD 9

FAN POWER CONNECTION



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		C2
AT&T		ISSUE
		4B
SD-5D081-01		SHEET
		G3