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1	1	1-4-85		
2B	1	APPX 1B	9-16-85	
3B	1	APPX 2B	6-20-86	
4M	1	APPX 3M	6-10-87	

SUPPORTING INFORMATION	
CATEGORY	NO.
EQUIPMENT DRAWING	J90078BJ-1
POWER DISTRIBUTION FRAME	JB6334D
DC POWER DISTRIBUTION	SD-50009-01
INTERFRAME COMMUNICATIONS CIRCUIT	SD-50009-01
FUSE ALARM CIRCUIT PACK	ED-50921-30,G1

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BT13

SCS[®] SWITCHING EQUIPMENT
FUSE/FILTER PANEL 3
CIRCUIT

DWG SIZE 6S	ISSUE 4M
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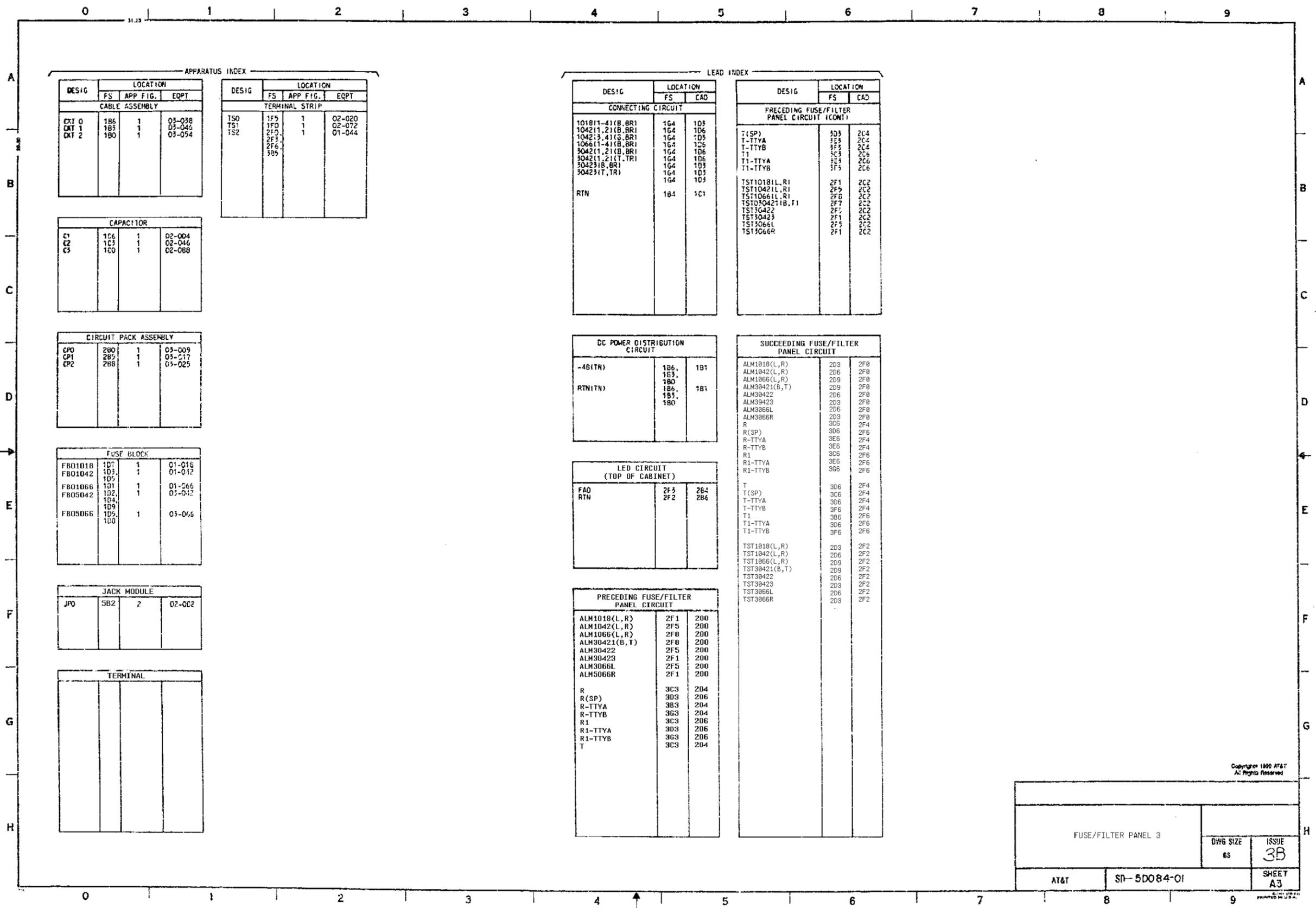
AT&T SD-50084-01

SHEET A1
OF 14

LEAD DESIGN		LOC	DEFINITION	SYMBOL DESIGN		LOC	DEFINITION
-48V(TN)	1B6		-48 VOLT FEEDER, CIRCUIT 0, SEE NOTE 309	-48V(TN)		7B6	CABLE ASSEMBLY, CIRCUIT 0, SEE NOTE 309
-48V(TN)	1B3		-48 VOLT FEEDER, CIRCUIT 1, SEE NOTE 309	-48V(TN)		1B2	CABLE ASSEMBLY, CIRCUIT 1, SEE NOTE 309
-48V(TN)	1B0		-48 VOLT FEEDER, CIRCUIT 2, SEE NOTE 309	-48V(TN)		1B0	CABLE ASSEMBLY, CIRCUIT 2, SEE NOTE 309
ALM1018L	2F1		ALARM, EQL 01-018, LEFT SIDE	CP0		2B0	FUSE ALARM CIRCUIT PACK, CIRCUIT 0
ALM1018R	2F1		ALARM, EQL 01-018, RIGHT SIDE	CP1		2B3	FUSE ALARM CIRCUIT PACK, CIRCUIT 1
ALM1042L	2F5		ALARM, EQL 01-042, LEFT SIDE	CP2		2B6	FUSE ALARM CIRCUIT PACK, CIRCUIT 2
ALM1042R	2F5		ALARM, EQL 01-042, RIGHT SIDE	C1		1B6	FILTER CAPACITOR, CIRCUIT 0
ALM1066L	2F8		ALARM, EQL 01-066, LEFT SIDE	C2		1B3	FILTER CAPACITOR, CIRCUIT 1
ALM1066R	2F8		ALARM, EQL 01-066, RIGHT SIDE	C3		1B0	FILTER CAPACITOR, CIRCUIT 2
ALM30421B	2F8		ALARM, EQL 03-042, FUSE 1B	FB01018		1D5	FUSE BLOCK, EQL 01-018
ALM30421T	2F8		ALARM, EQL 03-042, FUSE 1T	FB01042		1D1,1D5	FUSE BLOCK, EQL 01-042
ALM30422	2F5		ALARM, EQL 03-042, FUSES 2T AND 2B	FB01066		1D0	FUSE BLOCK, EQL 01-066
ALM30423	2F1		ALARM, EQL 03-042, FUSES 3T AND 3B	FB03042		1D1,1D3	FUSE BLOCK, EQL 03-042
ALM3066L	2F1		ALARM, EQL 03-066, LEFT SIDE			1D9	
ALM3066R	2F1		ALARM, EQL 03-066, RIGHT SIDE	FB03066		1D4,1D8	FUSE BLOCK, EQL 03-066
FA0	2F3		FUSE ALARM OUTPUT	JP0		3R1	TEL & TTY JACK
FA1018L	1B8		FUSE ALARM, FUSE BLOCK 01-018, LEFT SIDE	R1		1C6	FILTER RESISTOR, CIRCUIT 0
FA1018R	1B8		FUSE ALARM, FUSE BLOCK 01-018, RIGHT SIDE	R2		1C3	FILTER RESISTOR, CIRCUIT 1
FA1042L	1B1		FUSE ALARM, FUSE BLOCK 01-042, LEFT SIDE	R3		1C0	FILTER RESISTOR, CIRCUIT 2
FA1042R	1B8		FUSE ALARM, FUSE BLOCK 01-042, RIGHT SIDE	TS0		1F4	TERMINAL STRIP, LOAD FUSE TERMINATIONS AND RETURNS, CIRCUIT 0
FA1066L	1B1		FUSE ALARM, FUSE BLOCK 01-066, LEFT SIDE	TS1		1F0	TERMINAL STRIP, LOAD FUSE TERMINATIONS AND RETURNS, CIRCUIT 1 AND CIRCUIT 2
FA1066R	1B1		FUSE ALARM, FUSE BLOCK 01-066, RIGHT SIDE	TS2		2F0,2F3, 2F6,2B5	TERMINAL STRIP, ALARM AND TEL & TTY TERMINATIONS
FA30421B	1B1		FUSE ALARM, FUSE BLOCK 03-042, FUSE 1B				
FA30421T	1B1		FUSE ALARM, FUSE BLOCK 03-042, FUSE 1T				
FA30422	1B1		FUSE ALARM, FUSE BLOCK 03-042, FUSES 2T AND 2B				
FA30423	1B0		FUSE ALARM, FUSE BLOCK 03-042, FUSES 3T AND 3B				
FA3066L	1B8		FUSE ALARM, FUSE BLOCK 03-066, LEFT SIDE				
FA3066R	1B8		FUSE ALARM, FUSE BLOCK 03-066, RIGHT SIDE				
R	3E7		TEL B RING				
R(SP)	3E7		SPARE RING				
R-TTYA	3E7		TELETYPE A RING				
R-TTYB	3E7		TELETYPE B RING				
RTN	1B4		-48 VOLT RETURN				
R7N(TN)	1B5		-48 VOLT RETURN (RTN), FIRST FEEDER				
R2N(TN)	1B3		-48 VOLT RETURN (RTN), SECOND FEEDER				
R3N(TN)	1B1		-48 VOLT RETURN (RTN), THIRD FEEDER				
R1	3E7		TEL B RING 1				
R1-TTYA	3E7		TELETYPE A RING 1				
R1-TTYB	3E7		TELETYPE B RING 1				
T	3E7		TEL A TIP				
T(SP)	3E7		SPARE TIP				
T-TTYA	3E7		TELETYPE A TIP				
T-TTYB	3E7		TELETYPE B TIP				
TS1018L	2F1		ALARM TEST SIGNAL INPUT, EQL 01-018, LEFT SIDE				
TS1018R	2F1		ALARM TEST SIGNAL INPUT, EQL 01-018, RIGHT SIDE				
TS1042L	2F5		ALARM TEST SIGNAL INPUT, EQL 01-042, LEFT SIDE				
TS1042R	2F5		ALARM TEST SIGNAL INPUT, EQL 01-042, RIGHT SIDE				
TS1066L	2F8		ALARM TEST SIGNAL INPUT, EQL 01-066, LEFT SIDE				
TS1066R	2F8		ALARM TEST SIGNAL INPUT, EQL 01-066, RIGHT SIDE				
TS30421B	2F8		ALARM TEST SIGNAL INPUT, EQL 03-042, FUSE 1B				
TS30421T	2F8		ALARM TEST SIGNAL INPUT, EQL 03-042, FUSE 1T				
TS30422	2F5		ALARM TEST SIGNAL INPUT, EQL 03-042, FUSES 2B AND 2T				
TS30423	2F1		ALARM TEST SIGNAL INPUT, EQL 03-042, FUSES 3B AND 3T				
TS3066L	2F1		ALARM TEST SIGNAL INPUT, EQL 03-066, LEFT SIDE				
TS3066R	2F1		ALARM TEST SIGNAL INPUT, EQL 03-066, RIGHT SIDE				
T1	3E7		TEL A TIP 1				
T1-TTYA	3E7		TELETYPE A TIP 1				
T1-TTYB	3E7		TELETYPE B TIP 1				
1018(1-4)B	1G4		LOAD FUSE, EQL 01-018, 1 THROUGH 4 TOP AND BOTTOM GROUND STRAP (RTN), EQL 01-018 TERMINALS 1 THROUGH 4, TOP AND BOTTOM TIED				
1018(1-4)BR	1G4		LOAD FUSE, EQL 01-018, 1 THROUGH 4 TOP AND BOTTOM GROUND STRAP (RTN), EQL 01-018 TERMINALS 1 THROUGH 4, TOP AND BOTTOM TIED				
1042(1-4)B	1G4		LOAD FUSE, EQL 01-042, 1 THROUGH 4 TOP AND BOTTOM GROUND STRAP (RTN), EQL 01-042 TERMINALS 1 THROUGH 4, TOP AND BOTTOM TIED				
1042(1-4)BR	1G4		LOAD FUSE, EQL 01-042, 1 THROUGH 4 TOP AND BOTTOM GROUND STRAP (RTN), EQL 01-042 TERMINALS 1 THROUGH 4, TOP AND BOTTOM TIED				
1066(1-4)B	1G4		LOAD FUSE, EQL 01-066, 1 THROUGH 4 TOP AND BOTTOM GROUND STRAP (RTN), EQL 01-066 TERMINALS 1 THROUGH 4, TOP AND BOTTOM TIED				
1066(1-4)BR	1G4		LOAD FUSE, EQL 01-066, 1 THROUGH 4 TOP AND BOTTOM GROUND STRAP (RTN), EQL 01-066 TERMINALS 1 THROUGH 4, TOP AND BOTTOM TIED				
3042(1-3)(T,B)	1G4		LOAD FUSE, EQL 03-042, 1 THROUGH 3 TOP AND BOTTOM GROUND STRAP (RTN), EQL 03-042 TERMINALS 1 THROUGH 3, TOP AND BOTTOM				
3042(1-3)(T,B)R	1G4		LOAD FUSE, EQL 03-042, 1 THROUGH 3 TOP AND BOTTOM GROUND STRAP (RTN), EQL 03-042 TERMINALS 1 THROUGH 3, TOP AND BOTTOM				
3066(1-4)B	1G4		LOAD FUSE, EQL 03-066, 1 THROUGH 4 TOP AND BOTTOM GROUND STRAP (RTN), EQL 03-066 TERMINALS 1 THROUGH 4, TOP AND BOTTOM				
3066(1-4)BR	1G4		LOAD FUSE, EQL 03-066, 1 THROUGH 4 TOP AND BOTTOM GROUND STRAP (RTN), EQL 03-066 TERMINALS 1 THROUGH 4, TOP AND BOTTOM				

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FUSE/FILTER PANEL 3		DWG SIZE	ISSUE
		65	3B
AT&T	SD-50084-C1	SHEET A2	



APPARATUS INDEX

DESIG	LOCATION		
	FS	APP FIG.	EQPT
CABLE ASSEMBLY			
CKT 0	186	1	03-038
CKT 1	183	1	03-045
CKT 2	180	1	03-054

DESIG	LOCATION		
	FS	APP FIG.	EQPT
TERMINAL STRIP			
TS0	1F5	1	02-020
TS1	1F0	1	02-072
TS2	2F3	1	01-044
	2F6		
	3B5		

CAPACITOR			
C1	1C6	1	02-004
C2	1C3	1	02-046
C3	1C0	1	02-088

CIRCUIT PACK ASSEMBLY			
CP0	2B0	1	03-009
CP1	2B5	1	03-017
CP2	2B8	1	03-025

FUSE BLOCK			
FB01018	1D7	1	01-018
FB01042	1D3	1	01-012
	1D9		
FB01066	1D1	1	01-066
FB05042	1D2	1	01-042
	1D4		
	1D9		
FB05066	1D5	1	03-066
	1D0		

JACK MODULE			
JF0	5B2	2	02-0C2

TERMINAL			

LEAD INDEX

DESIG	LOCATION	
	FS	CAD
CONNECTING CIRCUIT		
1018(1,4)(B, BR)	1G4	1D3
1042(1,2)(B, BR)	1G4	1D6
1042(3,4)(B, BR)	1G4	1D3
1066(1,4)(B, BR)	1G4	1C6
3042(1,2)(B, BR)	1G4	1D6
3042(1,2)(T, TR)	1G4	1D6
3042(3)(B, BR)	1G4	1D3
3042(3)(T, TR)	1G4	1D3
RTN	1B4	1C1

DC POWER DISTRIBUTION CIRCUIT		
-48(1N)	1B6	1B1
	1B3	
	1B0	
RTN(1N)	1B6	1B1
	1B3	
	1B0	

LED CIRCUIT (TOP OF CABINET)		
FAD	2F5	2E4
RTN	2F2	2B6

PRECEDING FUSE/FILTER PANEL CIRCUIT		
ALM1018(L, R)	2F1	200
ALM1042(L, R)	2F5	200
ALM1066(L, R)	2F8	200
ALM30421(B, T)	2F8	200
ALM30422	2F5	200
ALM30423	2F1	200
ALM3066L	2F5	200
ALM5066R	2F1	200
R	3C3	204
R(SP)	3D3	206
R-TTYA	3B3	204
R-TTYB	3G3	204
R1	3C3	206
R1-TTYA	3D3	206
R1-TTYB	3G3	206
T	3C3	204

DESIG	LOCATION	
	FS	CAD
PRECEDING FUSE/FILTER PANEL CIRCUIT (CONT)		
T(SP)	3D3	2C4
T-TTYA	3E3	2C2
T-TTYB	3E3	2C4
T1	3C3	2C6
T1-TTYA	3E3	2C6
T1-TTYB	3F3	2C6
TST1018(L, R)	2F1	2C2
TST1042(L, R)	2F5	2C2
TST1066(L, R)	2F8	2C2
TST30421(B, T)	2F7	2C2
TST30422	2F5	2C2
TST30423	2F1	2C2
TST3066L	2F5	2C2
TST3066R	2F1	2C2

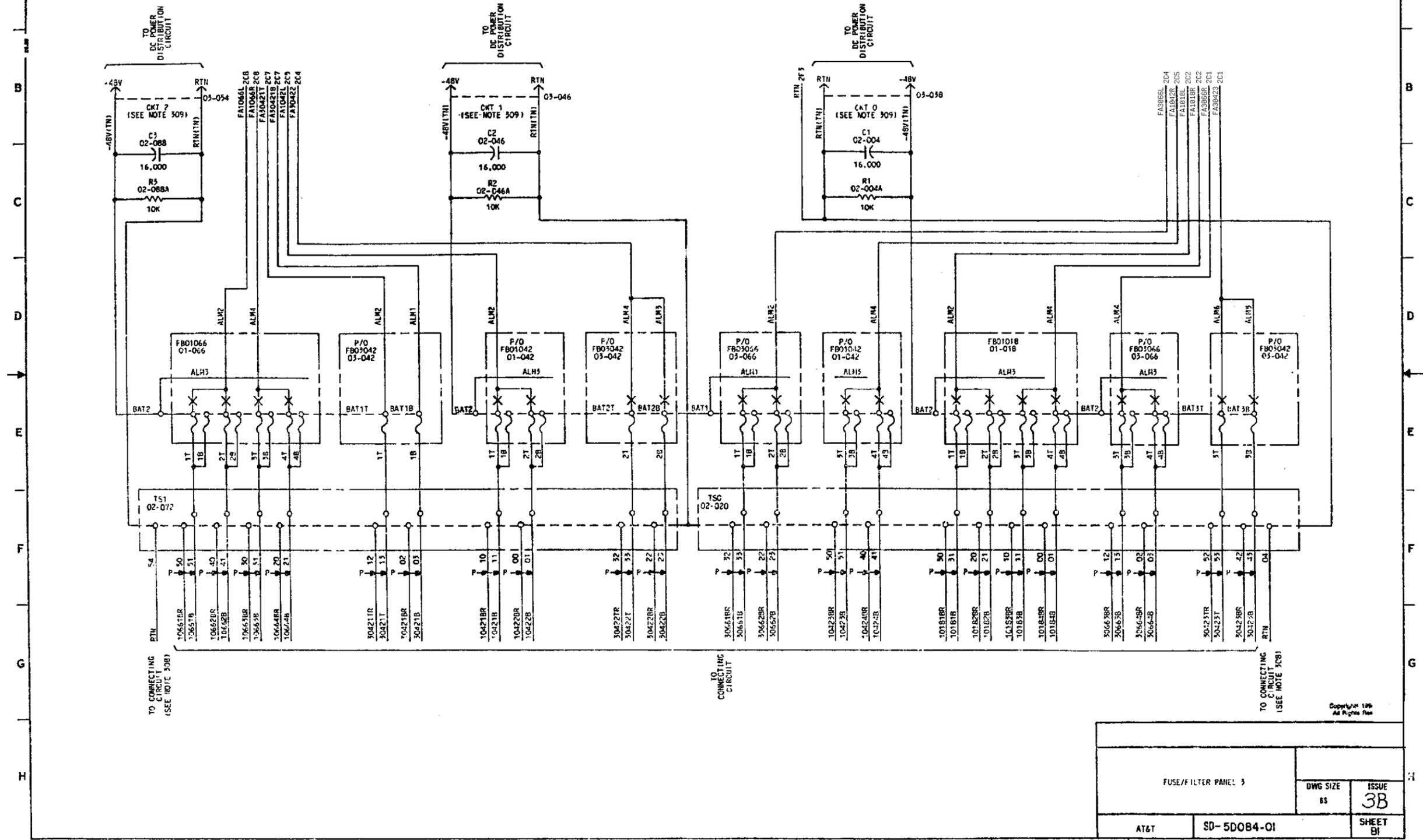
SUCCEEDING FUSE/FILTER PANEL CIRCUIT		
ALM1018(L, R)	2D3	2F8
ALM1042(L, R)	2D6	2F8
ALM1066(L, R)	2D9	2F8
ALM30421(B, T)	2D9	2F8
ALM30422	2D6	2F8
ALM30423	2D3	2F8
ALM3066L	2D6	2F8
ALM3066R	2D3	2F8
R	3D6	2F4
R(SP)	3D6	2F6
R-TTYA	3E6	2F4
R-TTYB	3E6	2F4
R1	3D6	2F6
R1-TTYA	3E6	2F6
R1-TTYB	3E6	2F6
T	3D6	2F4
T(SP)	3D6	2F4
T-TTYA	3D6	2F4
T-TTYB	3F6	2F4
T1	3B6	2F6
T1-TTYA	3D6	2F6
T1-TTYB	3F6	2F6
TST1018(L, R)	2D3	2F2
TST1042(L, R)	2D6	2F2
TST1066(L, R)	2D9	2F2
TST30421(B, T)	2D9	2F2
TST30422	2D6	2F2
TST30423	2D3	2F2
TST3066L	2D6	2F2
TST3066R	2D3	2F2

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FUSE/FILTER PANEL 3		DWG SIZE	ISSUE
		6S	3B
AT&T	SD-5D084-01	SHEET	
		A3	

PART OF FS 1

FUSE/FILTER PANEL
CIRCUIT
(SEE NOTE 205 & 206)



FUSE/FILTER PANEL 3		DWG SIZE	ISSUE
		65	3B
AT&T	SD-5D084-01	SHEET	
		BI	

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FS 2

TEL AND TTY CIRCUIT
(SEE NOTE 209 & 206)

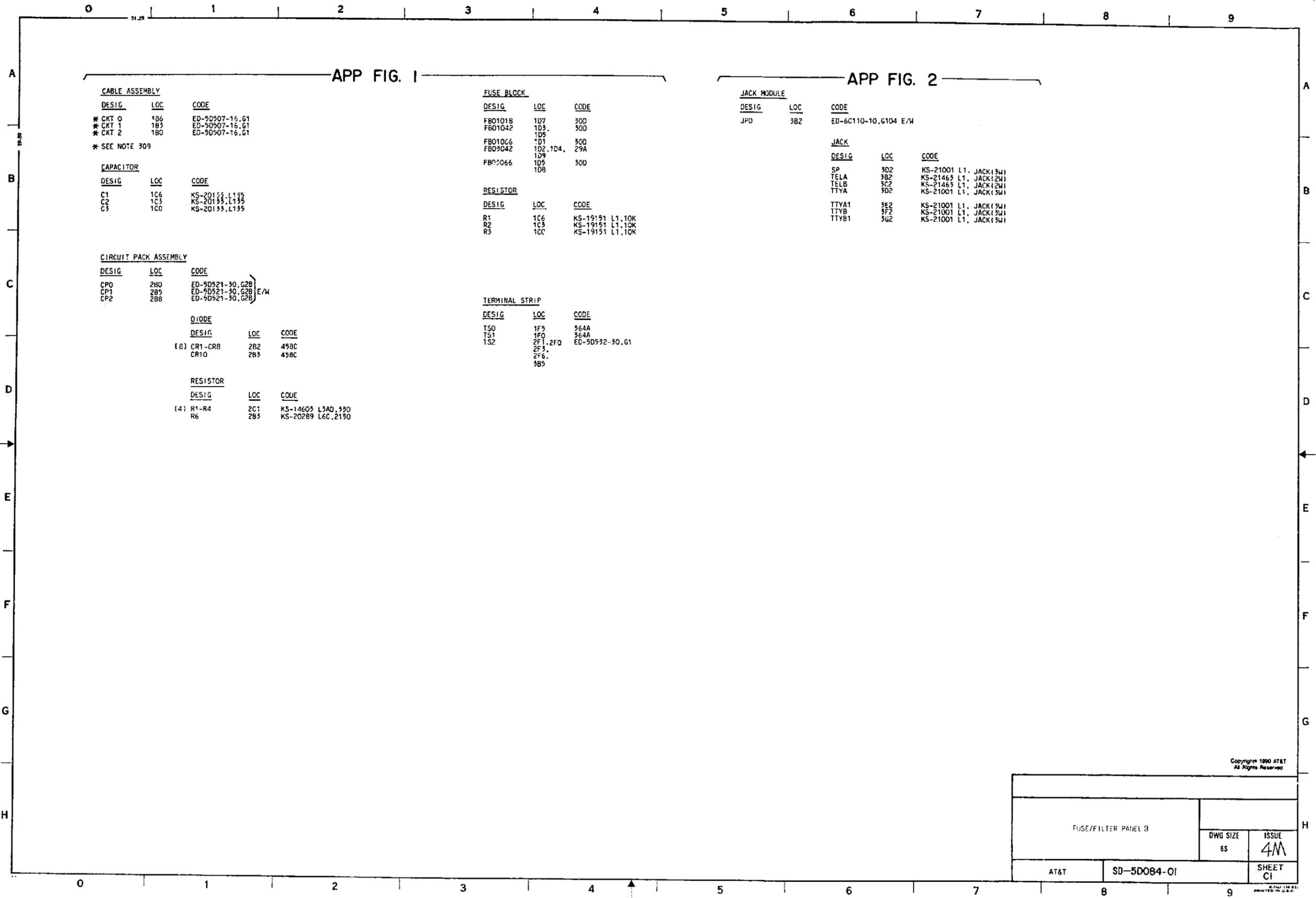


TO
SUCCEEDING
FUSE/FILTER
PANEL CIRCUIT
OR TO
INTERFRAME
COMMUNICATIONS
CIRCUIT

TO
PRECEDING
FUSE/FILTER
PANEL CIRCUIT
OR TO
INTERFRAME
COMMUNICATIONS
CIRCUIT

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FUSE/FILTER PANEL 3		DATE	2B
AT&T BELL LABORATORIES		38-50084-01	REVISED



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FUSE/FILTER PANEL B		DWG SIZE 6S	ISSUE 4M
AT&T	SD-5D084-01	SHEET C1	

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A
B
C
D
E
F
G
H

CIRCUIT NOTES:

101.

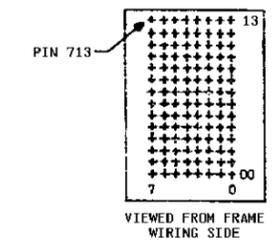
DESIG	FUSE AMP	POTENTIAL	UP TO
FB01018 FB01042 FB01066	ANY 70 TYPE FUSE IN TOP FUSE POSITIONS AS REQUIRED. IF THIS IS A LOAD FUSE. IN THIS CASE THE CORRESPONDING BOTTOM FUSE POSITION MUST BE UNASSIGNED AND EQUIPPED WITH A DUMMY FUSE.	-48	EIGHT PER APPARATUS FIGURE (FOR FUSE BLOCK) (MAXIMUM OF FOUR FOR EACH BUS)
	ANY 74 TYPE FUSE, EXCEPT 74F (20A), IN BOTTOM FUSE POSITION AS REQUIRED. IF THIS IS THE LOAD FUSE. WHEN USED IN THIS FASHION, A 0.5 AMPERE 70G FUSE (RED) MUST BE INSTALLED IN THE CORRESPONDING TOP FUSE POSITION TO PROVIDE AN ALARM FOR THE 74 TYPE.	-48	FOUR PER APPARATUS FIGURE (FOR FUSE BLOCK) (MAXIMUM OF TWO FOR EACH BUS)
FB03042	ANY 70 TYPE FUSE AS REQUIRED	-48	SIX PER APPARATUS FIGURE (FOR FUSE BLOCK)
<u>BATTERY SYMBOI</u>		<u>VOLTAGE RANGE</u>	
-48		-42.75 TO -52.5	

EQUIPMENT NOTES:

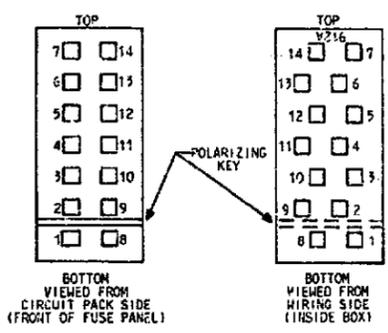
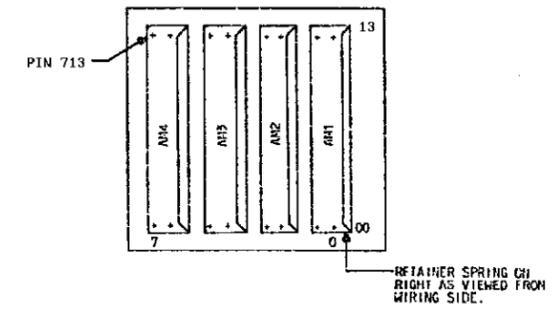
- 201. A TYPICAL INSTALLATION WOULD PROVIDE TWO J500038J-1 LIST 1 PANELS IN EACH BAY. THIS PROVIDES A TOTAL OF 6 FEEDERS PER BAY. THE FIRST FEEDER ON EACH SIDE PROVIDES FOR UP TO 6 74 TYPE FUSES AND 2 70 TYPE FUSES. OR UP TO 8 70 TYPE FUSES IF NO 74 TYPE FUSES ARE USED. THE SECOND FEEDER ON EACH SIDE PROVIDES FUSES THE SAME AS THE FIRST FEEDER. THE THIRD FEEDER ON EACH SIDE PROVIDES FOR UP TO 4 74 TYPE FUSES AND 2 70 TYPE FUSES. OR UP TO 6 70 TYPE FUSES IF NO 74 TYPE FUSES ARE USED. THEREFORE THE MAXIMUM EQUIPAGE IS 32 74 TYPE FUSES AND 12 70 TYPE FUSES PER CABINET. OR THE MAXIMUM IS 44 70 TYPE FUSES IF NO 74 FUSES ARE USED.
- 202. FUSE ASSIGNMENTS MAY BE MADE USING NOTE 304 AS A WORKSHEET.
- 203. TERMINAL ASSIGNMENTS FOR 912A CONNECTOR FOR ALARM CIRCUIT PACK CP1, CP2, CP3.

EQUIPMENT NOTES (CONT):

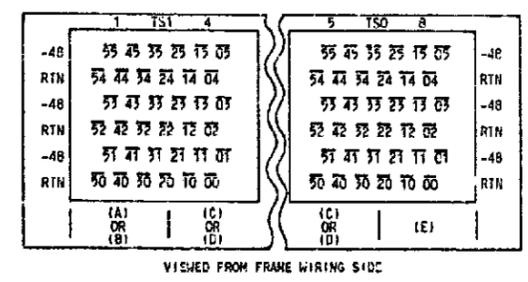
- 205. TERMINAL ASSIGNMENTS FOR TS 2.



NOTE:
PINS 000 THROUGH 700 AND PINS 013 THROUGH 713 ARE USED TO HOLD 127D APPARATUS MOUNTINGS AND ARE NOT AVAILABLE FOR WIRING LEAVING THE UNIT. ADD 127D MOUNTINGS AT EOL 000-013, 200-213, 400-413 AND 600-613 ON THE WIRING SIDE OF TS2 TO SECURE ALL REQUIRED SIZES OF PADDLEBOARDS.



- 204. TERMINAL ASSIGNMENTS FOR TS 0 AND TS 1.



STAMPING	A	B	C	D	E
SA, SC OR SE	01-066	03-066	01-042	03-042	01-010
SB, SD OR SF	01-160	03-160	01-136	03-136	01-112

FUSE/FILTER PANEL 3		DWG SIZE AS	ISSUE 3B
AT&T	SD-5D084-01	SHEET DI	

EQUIPMENT NOTES (CONT):

206. THERE ARE FOUR VERSIONS OF THIS FUSE/FILTER PANEL. THEY ARE PHYSICALLY AND ELECTRICALLY THE SAME. THE DIFFERENCE IS ONLY IN THE STAMPING. LIST SA STAMPING IS USED FOR THE FIRST "0" BUS APPLICATION (LEFT SIDE OF CABINET AS VIEWED FROM THE FRONT). STAMPING LIST SB IS USED FOR THE SECOND "0" BUS APPLICATIONS. SC STAMPING IS USED FOR THE FIRST "1" BUS APPLICATION. SD STAMPING IS USED FOR THE SECOND "1" BUS APPLICATION. (IN THE RIGHT SIDE OF THE CABINET VIEWED FROM THE FRONT). EQUIPMENT LOCATIONS FOR "0" AND "1" BUS APPLICATIONS ARE SHOWN IN THE TABLE BELOW.

			STAMPING LIST								
			SA	SB	SC	SD	SE	SF			
			0	1	0	0	1	1			
-48V FEEDER	A	0	-48V00	03-038		03-038					
		1	-48V01	03-046		03-046					
		2	-48V02	03-054		03-054					
		0	-48V03				03-132				
		1	-48V04				03-140				
		2	-48V05				03-148				
	B	0	-48V10		03-132			03-038			
		1	-48V11		03-140			03-046			
		2	-48V12		03-148			03-054			
		0	-48V13						03-132		
		1	-48V14						03-140		
		2	-48V15						03-148		
		ALARM CIRCUIT PACK			CP0	03-009	03-103	03-009	03-103	03-009	03-103
					CP1	03-017	03-111	03-017	03-111	03-017	03-111
					CP2	03-025	03-119	03-025	03-119	03-025	03-119
TERMINAL STRIP			TS0	02-020	02-114	02-020	02-114	02-020	02-114		
			TS1	02-072	02-166	02-072	02-166	02-072	02-166		
			TS2	01-044	01-138	01-044	01-138	01-044	01-138		
JACK PANEL			JPO	02-082	02-176	02-082	02-176	02-082	02-176		
FUSE BLOCK			FBO1018	01-018	01-112	01-018	01-112	01-018	01-112		
			FBO1042	01-042	01-136	01-042	01-136	01-042	01-136		
			FBO1066	01-066	01-160	01-066	01-160	01-066	01-160		
			FBO3066	03-066	03-160	03-066	03-160	03-066	03-160		
			FBO3042	03-042	03-136	03-042	03-136	03-042	03-136		

TYPICAL STAMPING ARRANGEMENTS (VIEWED FROM FRONT)

LEFT SIDE	RIGHT SIDE
"0" BUS STAMPING LIST SA	"1" BUS STAMPING LIST SB
"0" BUS STAMPING LIST SC	"0" BUS STAMPING LIST SD
"1" BUS STAMPING LIST SE	"1" BUS STAMPING LIST SF

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FUSE/FILTER PANEL 3		DWG SIZE	ISSUE
		85	3B
AT&T	SB-50084-01	SHEET 02	

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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.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
ASSEMBLY, WIRING AND EQUIPMENT FOR ONE FUSE PANEL TO PROVIDE THREE ISOLATED -48V POWER SUPPLIES AND RETURNS, 16 74 TYPE FUSES AND 6 70 TYPE FUSES OR 22 70 TYPE FUSES IF 74 TYPE FUSES ARE NOT USED	1		1 PER CKT
ASSEMBLY, WIRING AND EQUIPMENT REQUIRED IN ADDITION TO LIST 1 FOR TEL AND TTY JACK UNIT	2		1 PER CKT

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	ADM	MD

INFORMATION NOTES (CONT):

304. THIS TABLE DESIGNATES WHICH FUSE (VIEWED FROM FRONT) THAT IS WIRED TO ITS ASSOCIATED TERMINAL BLOCK, TERMINAL NUMBER AND RESPECTIVE TSO OR TS1 AND TERMINAL NUMBER. THESE TERMINAL NUMBERS ON TSO OR TS1 MUST BE USED FOR ANY CIRCUIT TO BE FUSED.

FEEDER	FUSE/FILTER PANEL										CABINET						
	FUSE BLOCK		FUSE NUMBER	TERMINAL STRIP		FUSE NUMBER	FUSE ALARM			FUSE DESIG	UNIT TO BE FUSED	UNIT LOCATION	FUSE AMPS	TYPE FUSE	LEAD NAME		
	LEVEL	EQL		NUMBER	PIN NO.		LEFT UNIT	RIGHT UNIT	CKT PK						CKT NO.	TS 2 PIN NO.	LEAD NAME
-48(TN) CKT 0	01	01-018	1T, 1B	31 30 10181B	4	16	CPO	2	002, 202	FA1018L							
			2T, 2B	21 20 10182B	3	15											
			3T, 3B	11 10 10183B	2	14											
			4T, 4B	01 00 10184B	1	13											
			3T, 3B	13 12 30663B	5	12											
	03	03-066	4T, 4B	03 02 30664B	4	11	CP1	3	003, 203	FA3066R							
			3T	33 32 30423T	1T	8T											
			3B	43 42 30423B	1B	8B											
			1T, 1B	11 10 10421B	8	20											
			2T, 2B	01 00 10422B	7	19											
-48(TN) CKT 1	01	01-042	3T, 3B	51 50 10423B	6	18	CP1	1	005, 205	FA1042R							
			4T, 4B	41 40 10424B	5	17											
			1T, 1B	33 32 30661B	7	14											
			2T, 2B	23 22 30662B	6	13											
			2T	33 32 30422T	2T	9T											
	03	03-042	2B	23 22 30422B	2B	9B	CP2	4	008, 208	FA30422							
			1T, 1B	51 50 10661B	12	24											
			2T, 2B	41 40 10662B	11	23											
			3T, 3B	31 30 10663B	10	22											
			4T, 4B	21 20 10664B	9	21											
03	03-042	1T	13 12 30421T	3T	10T	CP2	1	009, 209	FA1066R								
		1B	03 02 30421B	3B	10B												

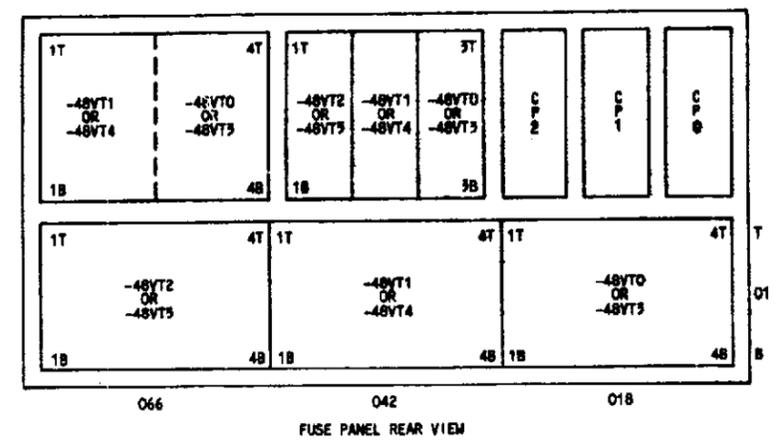
TYPICAL FUSES			
CODE	AMPS	PIN COLOR	DESIGNATION PIN KS-14174
70G	1/2	RED	L7 (RED)
70A	1-1/3	WHITE	L1 (WHITE)
70B	2	ORANGE	L2 (ORANGE)
70C	3	BLUE	L3 (BLUE)
70D	5	GREEN	L4 (GREEN)
74A	1-1/4		
74B	3		
74C	5		
74D	10		
74E	15		
74F	20		

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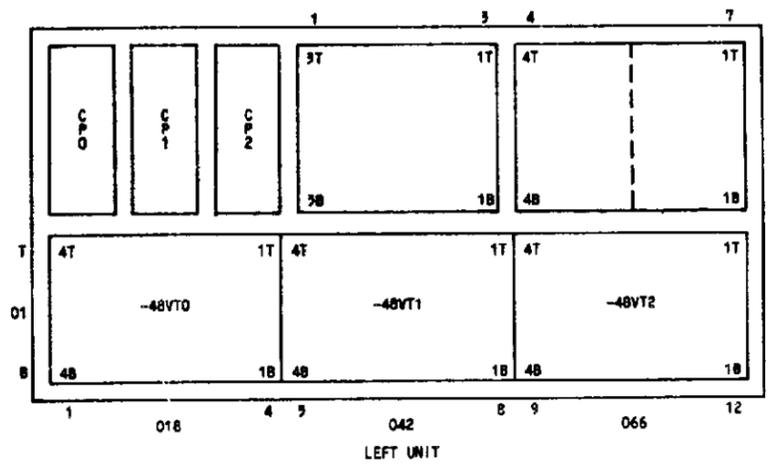
FUSE/FILTER PANEL 3		DWG SIZE	ISSUE
		00	2B
AT&T BELL LABORATORIES		SD-50084-01	SHEET D3

INFORMATION NOTES (CONT):
304. (CONT)

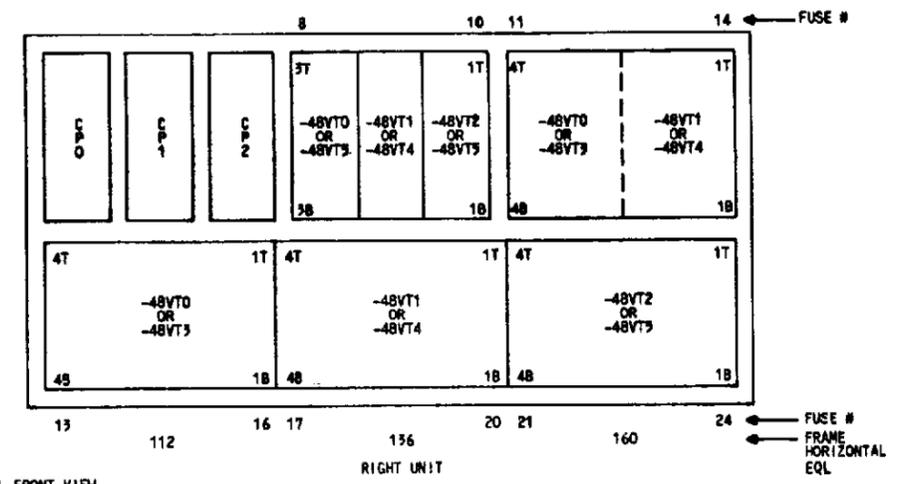
FUSE PANEL
J50003AU-1
(FUSE NUMBERING)



FUSE PANEL REAR VIEW



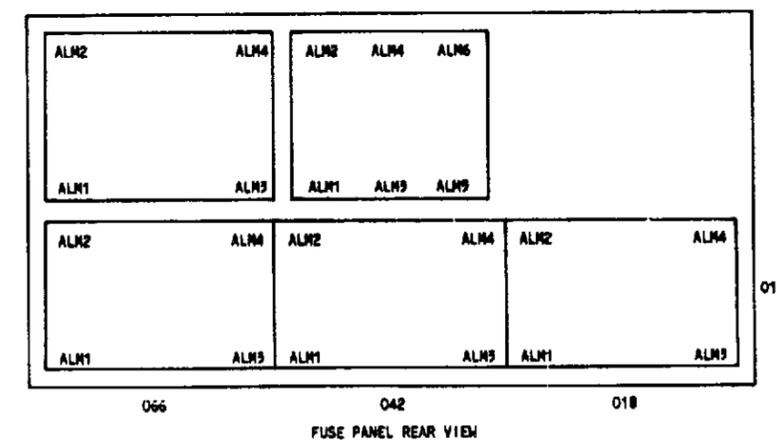
LEFT UNIT



FUSE PANEL FRONT VIEW

- NOTES:
1. T=0 FOR "0" BUS APPLICATIONS (FEEDER TYPE "0").
2. T=1 FOR "1" BUS APPLICATIONS (FEEDER TYPE "1").

FUSE PANEL
J50003BJ-1
(ALARM NUMBERING)



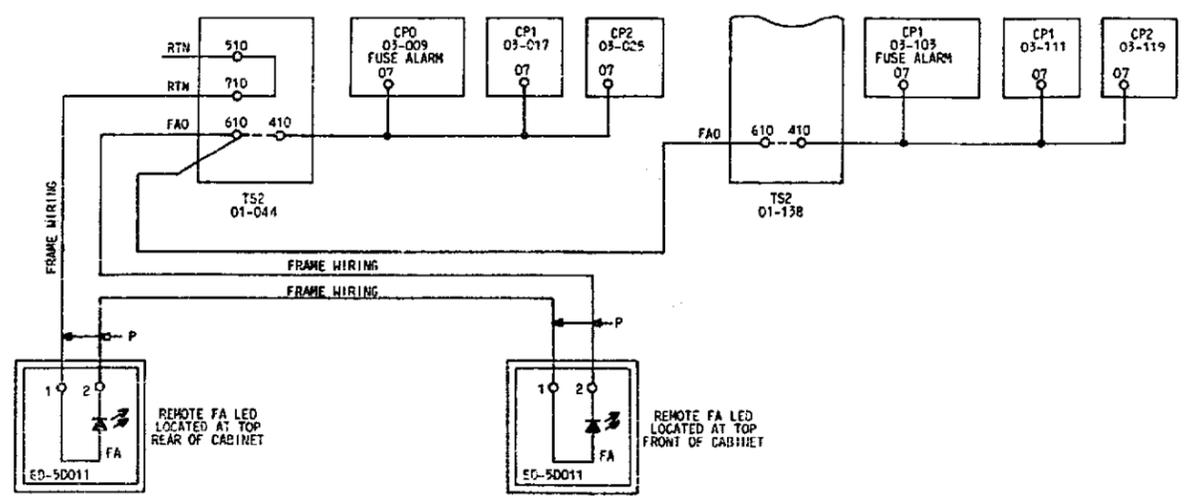
FUSE PANEL REAR VIEW

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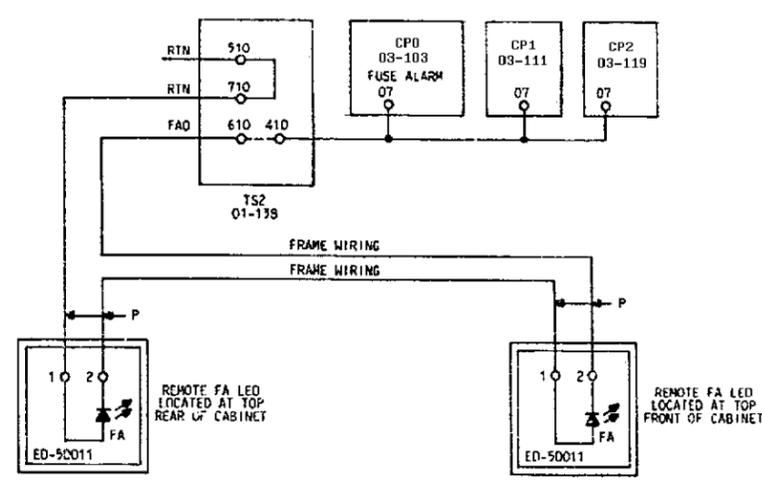
FUSE/FILTER PANEL 3		DWG. SIZE 08	ISSUE 2B
AMP BELL LABORATORIES		SD-50084-01	
		SHEET D4	

A
B
C
D
E
F
G
H

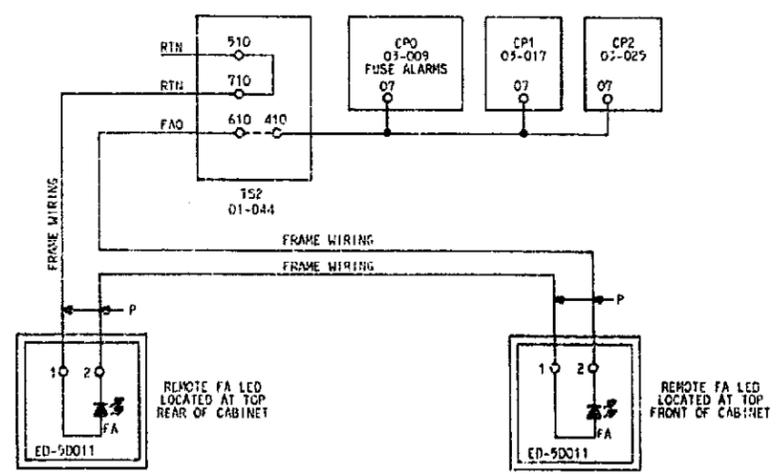
INFORMATION NOTES (CONT):
305. TYPICAL APPLICATION FOR CABINETS HAVING TWO FUSE/FILTER UNITS.



INFORMATION NOTES (CONT):
307. TYPICAL APPLICATION FOR CABINETS HAVING ONLY A RIGHT FUSE/FILTER UNIT.



306. TYPICAL APPLICATION FOR CABINETS HAVING ONLY A LEFT FUSE/FILTER UNIT.

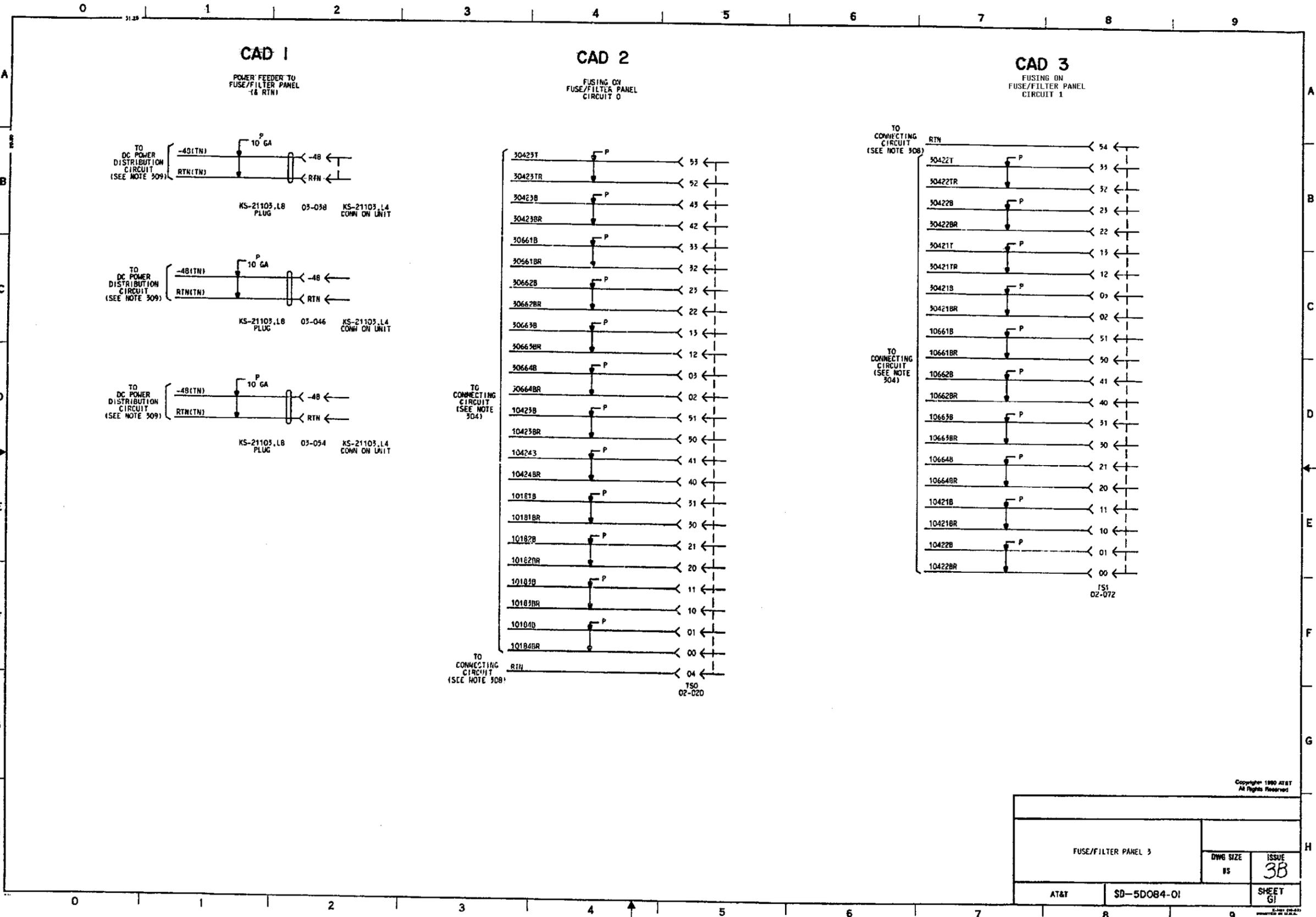


308. TS0 PIN 04 AND TS1 PIN 54 SHALL BE USED TO MULT THE RTNS OF ADDITIONAL FUSE/FILTER UNITS WHEN OTHER CABINETS ARE REQUIRED. (WITHIN THE SAME SWITCHING MODULE (SM).) 10 AWG WIRE SHALL BE USED TO CONNECT 0 BUS TO 0 BUS AND 1 BUS TO 1 BUS. THE 0 BUS IS NOT CONNECTED TO THE 1 BUS.
309. POWER FEEDER LEAD AND SYMBOL DESIGNATIONS WILL VARY DEPENDING UPON FEEDER TYPE, FEEDER NUMBER AND AS SHOWN IN TABLE BELOW. "A" INPUT FEEDERS WILL BE -4BV0(1), AND "B" INPUT FEEDERS WILL BE -4BV1(1). THE (1) NUMBER IS THE SEQUENTIAL NUMBER OF THAT TYPE OF FEEDER (EITHER "A" OR "B") IN THE ENTIRE CABINET.

EXAMPLE: -4BV T N	FIRST FEEDER	SECOND FEEDER	THIRD FEEDER	FOURTH FEEDER	FIFTH FEEDER	SIXTH FEEDER
FEEDER NO. (0-5) FEEDER TYPE (0,1) INPUT VOLTAGE	CKT0 WILL BE	CKT1 WILL BE	CKT2 WILL BE	CKT3 WILL BE	CKT4 WILL BE	CKT5 WILL BE
FOR "0" BUS APPLICATIONS	-4BV00	-4BV01	-4BV02	-4BV03	-4BV04	-4BV05
FOR "1" BUS APPLICATIONS	-4BV10	-4BV11	-4BV12	-4BV13	-4BV14	-4BV15

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FUSE/FILTER PANEL 3		DWG SIZE	ISSUE
		6S	3B
AT&T	SD-5D084-01	SHEET D5	



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FUSE/FILTER PANEL 3		DWG SIZE 85	ISSUE 3B
AT&T	SD-5D084-01	SHEET G1	

0 1 2 3 4 5 6 7 8 9

CAD 4

ALARM CIRCUIT OF FUSE/FILTER PANEL

CAD 5

TEL AND TTY CIRCUIT FUSE/FILTER PANEL

NOTES:

- 1. UNUSED TERMINALS ON TS2 MAY BE WIRED AND USED AS REQUIRED AT THE CABINET LEVEL.
- 2. * REQUIRED FOR 143A APPARATUS MOUNTING.

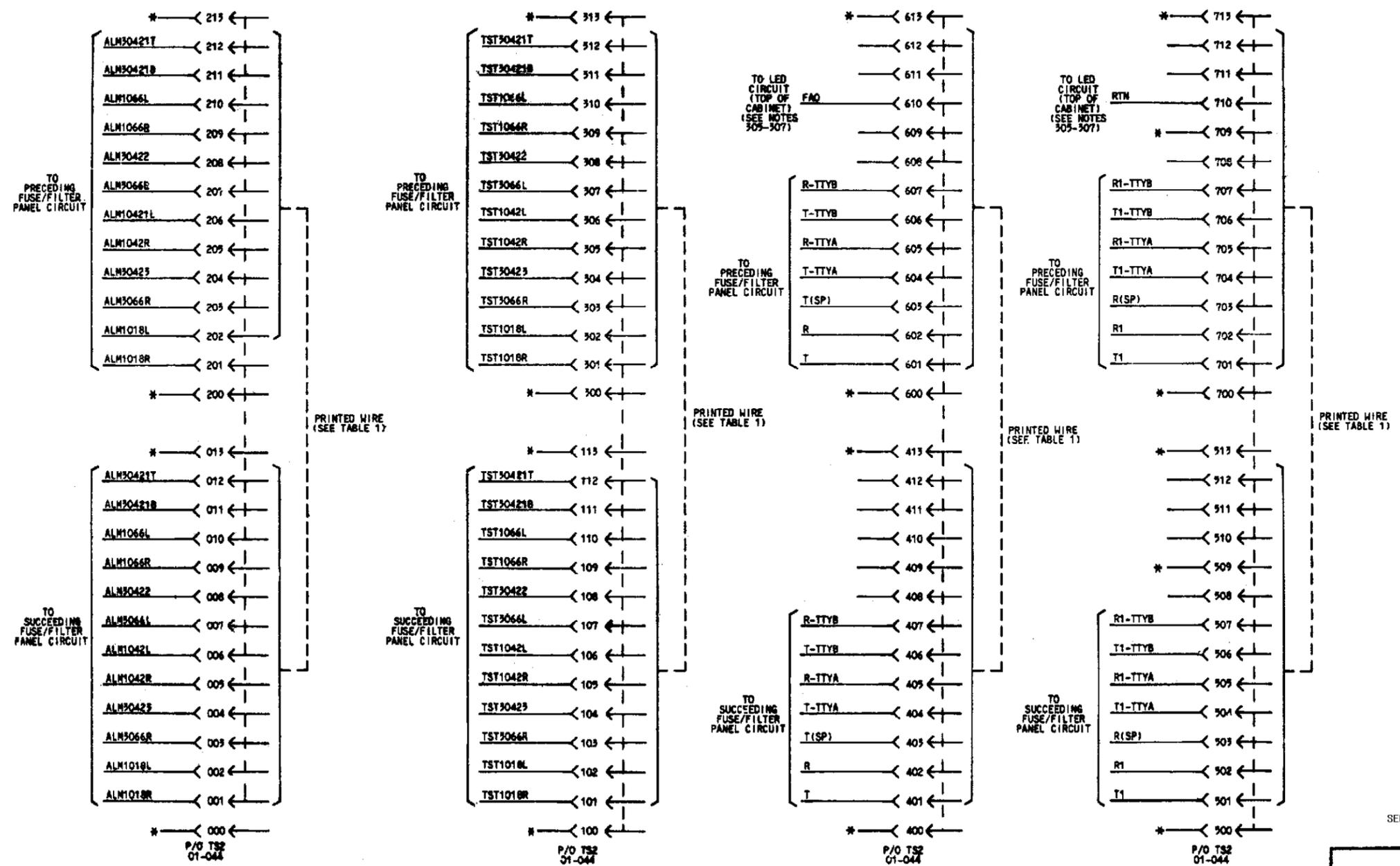


TABLE 1

THE FOLLOWING TS2 TERMINALS ARE CONNECTED TOGETHER VIA BACKPLANE PATHS.

-	-	-	-
001	201	401	601
002	202	402	602
003	203	403	603
004	204	404	604
005	205	405	605
006	206	406	606
007	207	407	607
008	208	408	608
009	209	409	609
010	210	410	610
011	211	411	611
012	212	412	612
-	-	-	-
-	-	-	-
101	301	501	701
102	302	502	702
103	303	503	703
104	304	504	704
105	305	505	705
106	306	506	706
107	307	507	707
108	308	508	708
109	309	509	709
110	310	510	710
111	311	511	711
112	312	512	712
-	-	-	-

SEE PROPRIETARY NOTICE ON COVER SHEET

FUSE/FILTER PANEL 3		DWG SIZE	ISSUE
		BS	1
AT&T BELL LABORATORIES SD-5D084-01		SHEET 62	

0 1 2 3 4 5 6 7 8 9