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OPTION INDEX

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Y	5B		B1,B2,G2, APP FIG. 1
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DWG ISSUE	CD ISSUE	DATE ISSUED		
1	1	2-24-83		
2A	1 APP 1A	8-25-83		
3B	1 APP 2B	2-10-84		
4B	1 APP 3B	8-1-85		
5B	2	2-11-87		
6AC	2	3-11-87		
7M	2	3-16-87		
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SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING	J50003AU-1, J50005AU-2
POWER DISTRIBUTION FRAME	J86334D
DC POWER DISTRIBUTION	SD-50005-01
INTERFRAME COMMUNICATIONS CIRCUIT	SD-50009-01
FUSE ALARM CIRCUIT PACK	ED-50521-30, G1

BT13

5ESS® SWITCHING EQUIPMENT

FUSE/FILTER PANEL CIRCUIT

DWG SIZE 6S | ISSUE 9M

AT&T | SD-50053-01 | SHEET A1 OF 14

DESIGNATION MNEMONICS INDEX

MNEMONIC	LOC	DEFINITION
-48FN0	1B9	-48 VOLT FEEDER CIRCUIT 0, SEE NOTE 309
-48FN1	1B0	-48 VOLT FEEDER CIRCUIT 1, SEE NOTE 309
ALM018	2D1	ALARM EQL 01-018 AND 0 HALF OF 03-042
ALM018B	2G1	ALARM BOTTOM HALF OF 01-018 (Y OPTION)
ALM018T	2G1	ALARM TOP HALF OF 01-018 (Y OPTION)
ALM066	2B1	ALARM EQL 01-066 AND 1 HALF OF 03-042
ALM066B	2F1	ALARM BOTTOM HALF OF 01-066 (Y OPTION)
ALM066T	2F1	ALARM TOP HALF OF 01-066 (Y OPTION)
ALM420	2C1	ALARM 0 HALF OF EQL 01-042
ALM421	2C1	ALARM 1 HALF OF EQL 01-042
FA0	2D1	FUSE ALARM BUS
FAS018	1B7	FUSE ALARM, EQL 01-018 AND 0 HALF OF 03-042
FAS018B	1B7	FUSE ALARM, BOTTOM HALF OF 01-018 (Y OPTION)
FAS018T	1B7	FUSE ALARM, TOP HALF OF 01-018 (Y OPTION)
FAS066	1B3	FUSE ALARM, EQL 01-066 AND 1 HALF OF 03-042
FAS066B	1B3	FUSE ALARM, BOTTOM HALF OF 01-066 (Y OPTION)
FAS066T	1B3	FUSE ALARM, TOP HALF OF 01-066 (Y OPTION)
FAS420	1B3	FUSE ALARM, 0 HALF OF EQL 01-042
FAS421	1B7	FUSE ALARM, 1 HALF OF EQL 01-042
R	3C7	TEL B RING
R(SP)	3D7	SPARE RING
R-TTYA	3F7	TELETYPE A RING
R-TTYB	3H7	TELETYPE B RING
rtn	1b4	-48 volt return
RTNFN1	1B1	-48VOLT RETURN (RTN), FIRST FEEDER
RTNFN0	1B8	-48 VOLT RETURN (RTN), SECOND FEEDER
R1	3C7	TEL B RING 1
R1-TTYA	3F7	TELETYPE A RING 1
R1-TTYB	3H7	TELETYPE B RING 1
S(SP)	3D7	SPARE SLEEVE
S-TTYA	3E7	TELETYPE A SLEEVE
S-TTYB	3G7	TELETYPE B SLEEVE
S1-TTYA	3F7	TELETYPE A SLEEVE 1
S1-TTYB	3H7	TELETYPE B SLEEVE 1

MNEMONIC	LOC	DEFINITION
T	3B7	TEL A TIP
T(SP)	3D7	SPARE TIP
T-TTYA	3E7	TELETYPE A TIP
T-TTYB	3G7	TELETYPE B TIP
TST018	2C1	ALARM TEST SIGNAL INPUT, EQL 01-018 AND 0 HALF OF 03-042
TST018B	2H1	ALARM TEST SIGNAL INPUT BOTTOM HALF OF 01-018 (Y OPTION)
TST018T	2F1	ALARM TEST SIGNAL, TOP HALF OF 01-018 (Y OPTION)
TST066	2B1	ALARM TEST SIGNAL INPUT, EQL 01-066 AND 1 HALF OF 03-042
TST066B	2F1	ALARM TEST SIGNAL INPUT, BOTTOM HALF OF 01-066 (Y-OPTION)
TST066T	2E1	ALARM TEST SIGNAL INPUT, TOP HALF OF 01-066 (Y OPTION)
TST420	2C1	ALARM TEST SIGNAL INPUT, 0 HALF OF EQL 03-042
TST421	2B1	ALARM TEST SIGNAL INPUT, 1 HALF OF EQL 03-042
T1	3B7	TEL A TIP 1
T1-TTYA	3E7	TELETYPE A TIP 1
T1-TTYB	3G7	TELETYPE B TIP 1
1018(1-4)(T,B)	1G8	LOAD FUSE, EQL 01-018, 1 THROUGH 4, TOP AND BOTTOM
1018(1-4)(T,B)R	1G8	GROUND STRAP (RTN), EQL 01-018 TERMINALS 1 THROUGH 4, TOP AND BOTTOM
1042(1-4)(T,B)	1G3,1G6	LOAD FUSE, EQL 01-042, 1 THROUGH 4, TOP AND BOTTOM
1042(1-4)(T,B)R	1G3,1G6	GROUND STRAP (RTN), EQL 01-042 TERMINALS 1 THROUGH 4, TOP AND BOTTOM
1066(1-4)(T,B)	1G1	LOAD FUSE, EQL 01-066, 1 THROUGH 4, TOP AND BOTTOM
1066(1-4)(T,B)R	1G1	GROUND STRAP (RTN), EQL 01-066 TERMINALS 1 THROUGH 4, TOP AND BOTTOM
3042(1-8)B	1G4	LOAD FUSE, EQL 03-042, 1 THROUGH 8, TOP AND BOTTOM
3042(1-8)BR	1G4	GROUND STRAP (RTN), EQL 03-042 TERMINALS 1 THROUGH 8, TOP AND BOTTOM TIED
-48FN0	1B9	CABLE ASSEMBLY, CIRCUIT 0, SEE NOTE 309
-48FN1	1B0	CABLE ASSEMBLY, CIRCUIT 1, SEE NOTE 309
C1	1B8	FILTER CAPACITOR, CIRCUIT 0
C2	1B0	FILTER CAPACITOR, CIRCUIT 1
CP1	2A5	FUSE ALARM CIRCUIT PACK
CP2	2E5	FUSE ALARM CIRCUIT PACK (Y OPTION)
FB01018	1D7	FUSE BLOCK, EQL 01-018
FB01042	1D2	FUSE BLOCK, EQL 01-042

MNEMONIC	LOC	DEFINITION
FB01066	1D0	FUSE BLOCK, EQL 01-066
FB03042	1D4	FUSE BLOCK, EQL 03-042
JP0	3B2	TEL & TTY JACK
R1	1C8	FILTER RESISTOR, CIRCUIT 0
R2	1C0	FILTER RESISTOR, CIRCUIT 1
TS0	1F5	TERMINAL STRIP, LOAD FUSE TERMINATIONS AND RETURNS, CIRCUIT 0
TS1	1F0	TERMINAL STRIP, LOAD FUSE TERMINATIONS AND RETURNS, CIRCUIT 1
TS2	2C2,3B5	TERMINAL STRIP, ALARM AND TEL & TTY TERMINATIONS

FUSE/FILTER PANEL CIRCUIT

DWG SIZE C2 | ISSUE 5B

AT&T BELL LABORATORIES | SD-5D053-01 | A2

PRINTED IN U.S.A.

PART OF FS I

FUSE/FILTER PANEL CIRCUIT

TO DC POWER DISTRIBUTION CIRCUIT

-48 RTN

SYMBOL NO. 2
-48FN1
03-090
(SEE NOTE 908)

-48FN1 RTNFN1

SYMBOL NO. 6
C2
02-088
16,000

SYMBOL NO. 7
R2
02-088A
10K

FAS066T 2F4,2AF4
FAS066 2B4,2AG4
FAS066B 2F4,2AF4
FAS066 2B4,2AG4
FAS421 2C4,2AF4

FAS018 2D4,2AD4
FAS420 2C4,2AC4
FAS018T 2F4,2AB4
FAS018B 2G4,2AB4

TO DC POWER DISTRIBUTION CIRCUIT

RTN -48

SYMBOL NO. 1
-48FNO
03-041
(SEE NOTE 909)

RTNFNO -48FNO

SYMBOL NO. 4
C1
02-004
16,000

SYMBOL NO. 5
R1
02-004A
10K

SYMBOL NO. 11
FB01066
01-066

P/O SYMBOL NO. 9
FB01042
01-042

SYMBOL NO. 10
FB03012
03-042

P/O SYMBOL NO. 9
FB01042
01-042

SYMBOL NO. 8
FB01018
01-018

BAT1 BAT2

10 AUG (SEE NOTE 909)

SYMBOL NO. 14
TS1
02-072

SYMBOL NO. 12
TS0
02-020

RTN (SEE NOTE 909)

2AG1 RTNFN1

2AD1 RTNFNO

TO CONNECTING CIRCUIT

FUSE/FILTER PANEL		DWG SIZE 08	ISSUE 8B
AT&T	SD-5D053-01		SHEET 01

PART OF FS 1

FUSE/FILTER PANEL CIRCUIT
OPTION (Z) AND (Y)

SYMBOL NO. 15
P/O TS2
01-043
(SEE NOTE 207)

SYMBOL NO. 14
FUSE ALARM CIRCUIT PACK
CP1
03-012
ED-50521-30, G2B

SYMBOL NO. 16
FUSE ALARM CIRCUIT PACK
CP2
03-020
ED-50521-30, G2B

TO PRECEDING FUSE/FILTER PANEL CIRCUIT OR TO CABINET ALARM CIRCUIT

TST066 304 104 TST066
ALM066 204 004 ALM066
TST421 303 103 TST421
ALM421 203 003 ALM421
TST420 302 102 TST420
ALM420 202 002 ALM420
TST018 301 101 TST018
ALM018 201 001 ALM018

1F9 RTN
RTN 212 012 NC
FAO 207 007 NC
P
NC 307 107 NC

TO LED CIRCUIT (TOP OF CABINET) (SEE NOTES 305-307)

1B5 FAS066 6 11 R4.0 330 CR4.0 CR8.0
4 12
1B7 FAS421 10 R3.0 330 CR3.0 CR7.0
3 5
1B3 FAS420 9 R2.0 330 CR2.0 CR6.0
2 13
1L7 FAS018 8 R1.0 330 CR1.0 CR5.0
1 7
CR10.0
7 R6.0 2150

TO SUCCEEDING FUSE/FILTER PANEL CIRCUIT OR TO CABINET ALARM CIRCUIT

TST066T 311 111 TST066T
ALM066T 211 011 ALM066T
TST066B 310 110 TST066B
ALM066B 210 010 ALM066B
TST018T 309 109 TST018T
ALM018T 209 009 ALM018T
ALM018B 208 008 ALM018B

TO PRECEDING FUSE/FILTER PANEL CIRCUIT OR TO CABINET ALARM CIRCUIT

1B5 FAS066T 6 11
4 12
1L3 FAS066B 10
3 5
1B7 FAS018T 9
2 15
1B7 FAS018B 6
1 14
7

1F9 RTN
RTN 206 006
FAO 205 005 NC
P
TST018B 308 108 TST018B

TO LED CIRCUIT (TOP OF CABINET) (SEE NOTES 305-307)

TO PRECEDING FUSE/FILTER PANEL CIRCUIT OR TO CABINET ALARM CIRCUIT

FUSE/FILTER PANEL		DWG SIZE: B5	ISSUE: 9M
AT&T	SD-5D053-01		SHEET: B2

PART OF FS I

FUSE/FILTER PANEL CIRCUIT
OPTION (X)

SYMBOL NO. 15
P/O TS2
01-043
(SEE NOTE 207)

SYMBOL NO. 14
FUSE ALARM CIRCUIT PACK
CP1
03-012
ED-50521-30,G1

SYMBOL NO. 16
FUSE ALARM CIRCUIT PACK
CP2
03-080
ED-50521-30,G1

TO PRECEDING FUSE/FILTER PANEL CIRCUIT OR TO CABINET ALARM CIRCUIT

TO LED CIRCUIT (TOP OF CABINET) (SEE NOTES 505-507)

TO PRECEDING FUSE/FILTER PANEL CIRCUIT OR TO CABINET ALARM CIRCUIT

TO SUCCEEDING FUSE/FILTER PANEL CIRCUIT OR TO CABINET ALARM CIRCUIT

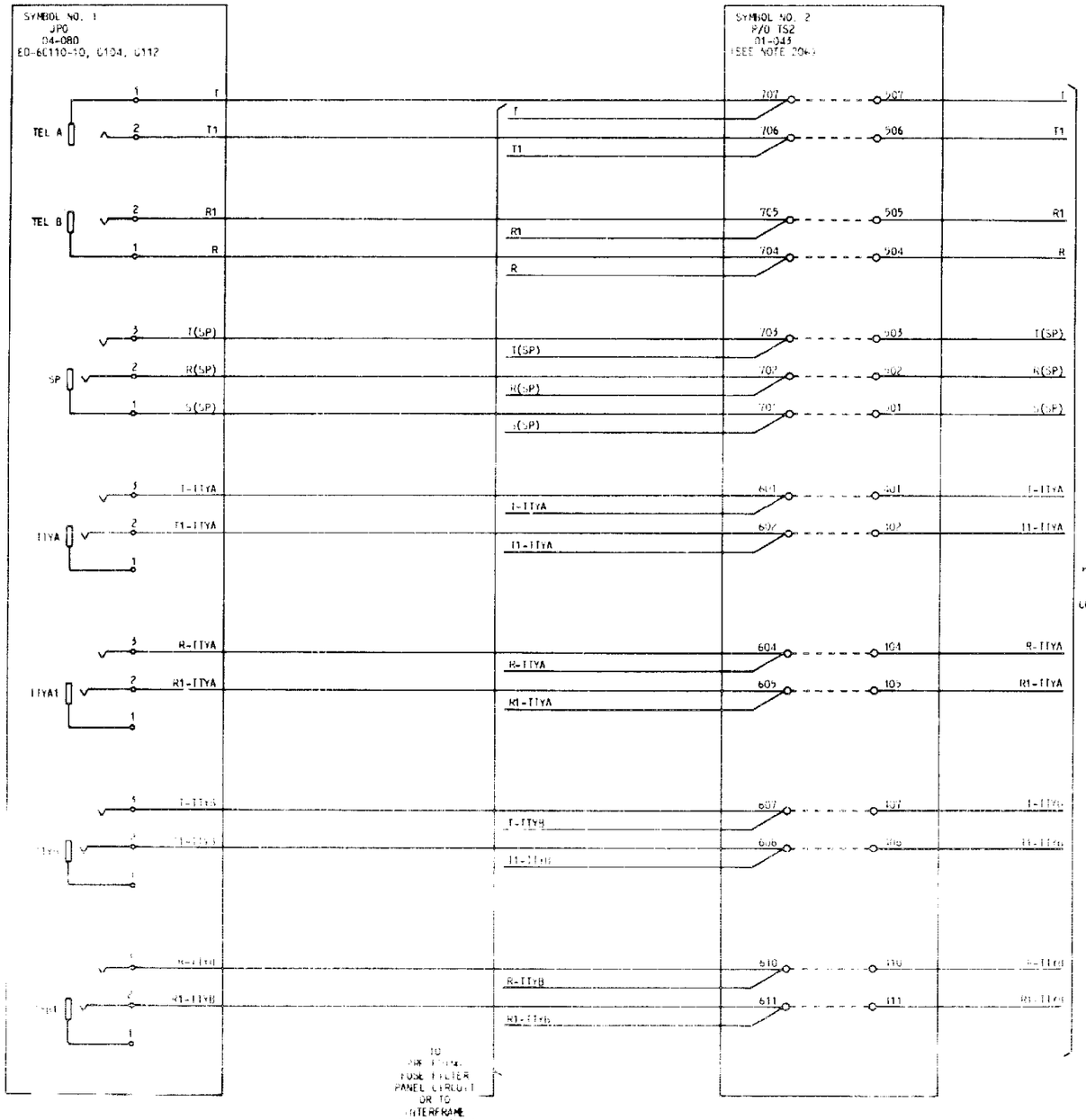
TST018T	304	104	TST018T	FAS018T	187	11	R4.0 330
ALM018T	204	004	ALM018T			4	CR4.0 CR8.0
TST018B	303	103	TST018B	FAS018B	187	10	R3.0 330
ALM018B	203	003	ALM018B			3	CR3.0 CR7.0
TST420	302	102	TST420	FAS420	187	9	R2.0 330
ALM420	202	002	ALM420			2	CR2.0 CR6.0
TST018	301	101	TST018	FAS018	187	8	R1.0 330
ALM018	201	001	ALM018			1	CR1.0 CR5.0
1G9 RTNFNO							
RTN	212	012				14	CR9.0 R5.0 2610
FAO	207	007	NC				CR10.0
P						7	R6.0 2150
NC	307	107	NC				

TST066T	311	111	TST066T	FAS066T	183	11	
ALM066T	211	011	ALM066T			4	
TST066B	310	110	TST066B	FAS066B	183	10	
ALM066B	210	010	ALM066B			3	
TST421	309	109	TST421	FAS421	183	9	
ALM421	209	009	ALM421			2	
ALM066	208	008	ALM066	FAS066	183	8	
1F9 RTNFN1							
RTN	206	006				14	
FAO	205	005	NC				
P						7	
TST066	308	108	TST066				

FUSE/FILTER PANEL	DWG SIZE E	ISSUE 8B
AT&T	SD-50053-01	SHEET B2A

FS 2

TEL AND TTY CIRCUIT



FUSE/FILTER PANEL		DWG SIZE B3	ISSUE 8B
AT&T	SD-50053-01		SHEET B3

APP FIG 1

CABLE ASSEMBLY

DESIG	LOC	CODE
-48FN0	1B9	ED-50507-16, G1
-48FN1	1B0	ED-50507-16, G1

SEE NOTE 309

CAPACITOR

DESIG	LOC	CODE
C1	1B8	KS-20133, L135
C2	1B0	KS-20133, L135

CIRCUIT PACK ASSEMBLY

OPT	DESIG	LOC	CODE
Y,X	CP1	2C5	ED-50521-30, G28 E/W
	CP2	2F5	ED-50521-30, G28

DIODE

DESIG	LOC	CODE
CR1	2E5	458C
CR2	2D5	458C
CR3	2D5	458C
CR4	2C5	458C
CR5	2E6	458C
CR6	2D6	458C
CR7	2D6	458C
CR8	2C6	458C
CR10	2E6	458C

RESISTOR

DESIG	LOC	CODE
R1	2E5	KS-14605, L3A, 330
R2	2D5	KS-14605, L3A, 330
R3	2D5	KS-14605, L3A, 330
R4	2C5	KS-14605, L3A, 330
R6	2E5	KS-20289, L6C, 2150

FUSE BLOCK

DESIG	LOC	CODE
FB01018	1D7	23A
FB01042	1D2	23A
FB01066	1D0	23A

RESISTOR

DESIG	LOC	CODE
R1	1C8	KS-19151, L2
R2	1C0	KS-19151, L2

TERMINAL STRIP

DESIG	LOC	CODE
TS0	1F5	364A
TS1	1F0	364A
TS2	2C2, 3B9	ED-50552-30, G1

APP FIG 2

FUSE BLOCK

DESIG	LOC	CODE
FB03042	1D4	250

APP FIG 3

JACK MODULE

DESIG	LOC	CODE
JP0	3B2	ED-6C119-10, G104 E/W

JACK

DESIG	LOC	CODE
TELA	3B2	KS-21463, L1; JACK(2W)
TELB	3C2	KS-24163, L1; JACK(2W)
SP	3D2	KS-21001, L1; JACK(5W)
TTYA	3L2	KS-21001, L1; JACK(5W)
TTYA1	3F2	KS-21001, L1; JACK(5W)
TTYB	3G2	KS-21001, L1; JACK(5W)
TTYB1	3H2	KS-21001, L1; JACK(5W)

FUSE/FILTER PANEL

DWG SIZE: B5

ISSUE: 9M

AT&T | SD-50053-01 | SHEET: C1

CIRCUIT NOTES:

101.

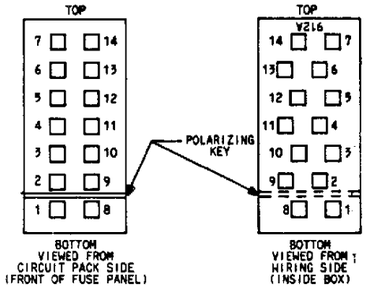
DESIG	FUSE AMP	POTENTIAL	UP TO
FB01018 FB01042 FB01066	ANY 70 TYPE FUSE AS REQUIRED	-48	EIGHT PER APPARATUS FIGURE (FOR FUSE BLOCK)
FB03042	ANY 70 TYPE FUSE IN TOP FUSE POSITIONS AS REQUIRED, IF THIS IS A LOAD FUSE. IN THIS CASE THE CORRESPONDING BOTTOM FUSE POSITION MUST BE UNASSIGNED AND EQUIPPED WITH A DUMMY FUSE.	-48	EIGHT PER APPARATUS FIGURE (FOR FUSE BLOCK) (MAXIMUM OF FOUR FOR EACH BUS)
	ANY 74 TYPE FUSE 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	EIGHT PER APPARATUS FIGURE (FOR FUSE BLOCK) (MAXIMUM OF FOUR FOR EACH BUS)
BATTERY SYMBOL -48		VOLTAGE RANGE -42.75 TO -52.5	

EQUIPMENT NOTES:

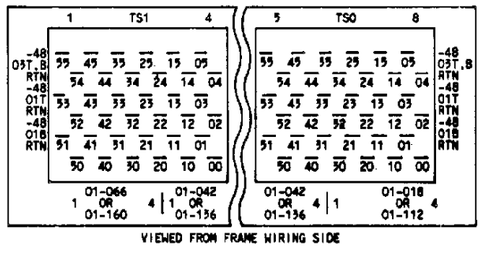
201. A TYPICAL INSTALLATION WOULD PROVIDE TWO J5D003AU-1 LIST 1 PANELS IN EACH BAY. THIS PROVIDES FOR 12 FUSES ON EACH OF 4 FEEDERS FOR A TOTAL OF 48 70 TYPE FUSES. IF ADDITIONAL FUSES ARE REQUIRED, TWO LIST 2 PANELS MAY BE ADDED. THIS PROVIDES EITHER 4 MORE 70 TYPE OR 4 MORE 74 TYPE FUSES OR ANY COMBINATION THEREOF FOR EACH FEEDER MAKING A TOTAL OF 16 FUSES PER FEEDER FOR A TOTAL OF 64 FUSES PER BAY. NOTE THAT THE LIST 2 MUST BE PROVIDED IF THE HIGHER CURRENT 74 TYPE FUSES ARE REQUIRED. ALSO NOTE THAT FOR BAYS REQUIRING ONLY "0" BUS POWER, SUCH AS TMS AND MSGS, ONE OR MORE UNITS (TWO OR FOUR FEEDERS) ON THE "0" BUS MAY BE SPECIFIED. IF ONLY "1" BUS POWER IS REQUIRED, ONE OR TWO UNITS (TWO OR FOUR FEEDERS) ON THE "1" BUS MAY BE SPECIFIED.

202. FUSE ASSIGNMENTS MAY BE MADE USING NOTE 304 AS A WORKSHEET.

203. TERMINAL ASSIGNMENTS FOR 912A CONNECTOR FOR ALARM CIRCUIT PACK CP1



204. TERMINAL ASSIGNMENTS FOR TS 0 AND TS 1.



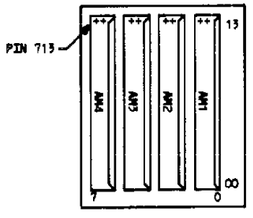
EQUIPMENT NOTES (CONT):

205. THERE ARE SIX 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 TWO "0" BUS APPLICATIONS, (LEFT SIDE OF CABINET AS VIEWED FROM THE FRONT) AND LIST SB STAMPING IS USED FOR TWO "1" BUS APPLICATIONS IN THE RIGHT SIDE OF THE CABINET. EQUIPMENT LOCATIONS FOR "0" AND "1" BUS APPLICATIONS ARE SHOWN IN THE TABLE BELOW. LIST SC IS USED WHEN TWO "0" BUS FEEDERS ARE REQUIRED IN THE RIGHT SIDE OF THE CABINET. LIST SD IS USED WHEN TWO "1" BUS FEEDERS ARE REQUIRED IN THE LEFT SIDE OF THE CABINET. LIST SE IS USED WHEN ONE "0" BUS AND ONE "1" BUS IS REQUIRED IN THE LEFT SIDE OF THE CABINET. LIST SF IS USED WHEN ONE "0" BUS & ONE "1" BUS IS REQUIRED IN THE RIGHT SIDE OF THE CABINET.

BUS		0	1	0	1
STAMPING LIST		SA	SB	SC	SD
DESIGNATIONS	-48FNO*	03-041	03-135	03-135	03-041
	-48FN1*	03-050	03-144	03-144	03-050
	TSO	02-020	02-114	02-114	02-020
	TS1	02-072	02-166	02-166	02-072
	TS2	01-043	01-137	01-137	01-043
	FUSE BLOCKS	01-018	01-112	01-112	01-018
		01-042	01-136	01-136	01-042
		01-066	01-160	01-160	01-066
		03-042	03-136	03-136	03-042
STAMPING LIST		SE		SF	
DESIGNATIONS	-48FNO*	03-041	-	03-135	-
	-48FN1*	-	03-050	-	03-144
	TSO	02-020	-	02-144	-
	TS1	-	02-072	-	02-166
	TS2	01-043		01-137	
	FUSE BLOCKS	01-018	01-042 RIGHT HALF	01-112	01-136 RIGHT HALF
		01-042 LEFT HALF		01-136 LEFT HALF	
			01-066		01-160
		03-042 LEFT HALF	03-042 RIGHT HALF	03-136 LEFT HALF	03-136 RIGHT HALF

* SEE NOTE 308.

206. 127D APPARATUS MOUNTINGS ARE LOCATED ON THE WIRING SIDE OF TS2 TO SECURE ALL REQUIRED SIZES OF PADDLEBOARDS.



207. THE FUSE ALARM CIRCUIT PACK(S) ED-5D521-30, G1 MAY BE PULLED "HOT" WITHOUT POWERING DOWN ANY CIRCUITRY. NOTE THAT NO FUSE ALARMS WILL BE INDICATED WITH THIS PACK REMOVED.

FUSE/FILTER PANEL

DWG SIZE: 03

ISSUE: 7M

AT&T BELL LABORATORIES | SD-5D053-01 | SHEET: D1

INFORMATION NOTES:

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

502.

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
ASSEMBLY, WIRING & EQUIPMENT FOR ONE FUSE PANEL TO PROVIDE TWO ISOLATED -48V, POWER SUPPLIES & RETURNS 24 FUSES, 70 TYPE	1		1 PER CKT
ASSEMBLY, WIRING AND EQUIPMENT REQUIRED IN ADDITION TO LIST 1 FOR EIGHT ADDITIONAL 74 TYPE LOAD FUSES AND EIGHT ADDITIONAL 70 TYPE LOAD OR PILOT FUSES, SPLIT OVER THE TWO SUPPLIES.	2		1 PER CKT
ASSEMBLY, WIRING AND EQUIPMENT REQUIRED IN ADDITION TO LIST 1 FOR TEL & TTY JACK UNIT.	3		1 PER CKT
ASSEMBLY, WIRING AND EQUIPMENT IN ADDITION TO LIST 1 AND LIST 2 TO PROVIDE 4 ADDITIONAL FUSE ALARMS. IF OPTION Y IS SPECIFIED, APP FIG. 3 CANNOT BE.	1	Y	1 PER CKT
WIRING IN ADDITION TO L1 AND L2 TO PROVIDE 4 ADDITIONAL FUSE ALARMS.		Y	1 PER CKT
ASSEMBLY, WIRING AND EQUIPMENT IN ADDITION TO APP FIG. 1 AND 2 TO PROVIDE FOUR ADDITIONAL FUSE ALARMS WHICH ARE COORDINATED WITH THE FEEDER CIRCUITS. CANNOT BE USED WITH APP FIG. 3 OR OPTION Y.	1	X	1 PER CKT

503

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
1B	Y	Z		Z		
				AVAIL		DA
AB SEE NOTE X	X	Z				

NOTE X - PRIOR TO ISSUE 8B, COLUMNS HEADED "STD, "MD", ETC., CONVEYED APPLICATION INFORMATION. AT ISSUE 8B, COLUMNS HEADED "AVAIL" AND "DA" NOW INDICATE THE AVAILABILITY OF THE PRODUCT

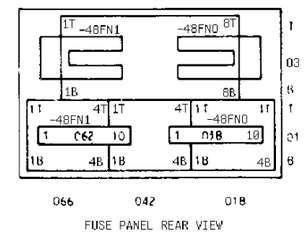
INFORMATION NOTES (CONT):

504. THIS TABLE DESIGNATES WHICH FUSE (VIEWED FROM FRONT) THAT IS WIRED TO ITS ASSOCIATED TERMINAL BLOCK, TERMINAL NUMBER AND RESPECTIVE TS0 OR TS1 AND TERMINAL NUMBER. THESE TERMINAL NUMBERS ON TS0 OR TS1 MUST BE USED FOR ANY CIRCUIT TO BE FUSED.

FUSE/FILTER PANEL						CABINET								ALARMS		
TERM. BLOCK		FUSE TERM. NO.	TERM. STRIP	TERM. NO		-48V LEAD NAME	FUSE NO.		FUSE DESIG	UNIT TO BE FUSED	UNIT LOCATION	FUSE AMPS	TYPE FUSE	LEAD NAME		OPTION Z	OPTION Y	OPTION X
LEVEL	EQL			-48	RET		LEFT UNIT	RIGHT UNIT						-48V	RETURN	TS2	TS2	TS2
03T,B	03-042	8T,B	TS0	15	14	30426B	1T,B	9T,B								001, 201	001, 201	001, 201
		7T,B		25	24	30427B	2T,B	10T,3										
		6T,B		35	34	30426B	3T,B	11T,B										
		5T,B		45	44	30425B	4T,B	12T,B										
		4T,B	TS1	15	14	30424B	5T,B	13T,B								004, 204	004, 204	008, 208
		3T,B		25	24	30423B	6T,B	14T,B										
		2T,B		35	34	30422B	7T,B	15T,B										
		1T,B		45	44	30421B	8T,B	16T,B										
01T	01-018	4T	TS0	03	02	10184T	1T	13T								001, 201	009, 209	004, 204
		3T		13	12	10183T	2T	14T										
		2T		23	22	10182T	3T	15T										
		1T		33	32	10181T	4T	16T										
	01-042	4T		43	42	10424T	5T	17T								002, 202	002, 202	002, 202
		3T		53	52	10423T	6T	18T										
	01-066	2T	TS1	03	02	10422T	7T	19T								003, 203	003, 203	009, 209
		1T		13	12	10421T	8T	20T										
		4T		23	22	10664T	9T	21T								004, 204	011, 211	011, 211
		3T		33	32	10663T	10T	22T										
		2T		43	42	10662T	11T	23T										
		1T		53	52	10661T	12T	24T										
01B	01-018	4B	TS0	01	00	10184B	1B	13B								001, 201	008, 208	003, 203
		3B		11	10	10183B	2B	14B										
		2B		21	20	10182B	3B	15B										
		1B		31	30	10181B	4B	16B										
	01-042	4B		41	40	10424B	5B	17B								002, 202	002, 202	002, 202
		3B		51	50	10423B	6B	18B										
	01-066	2B	TS1	01	00	10422B	7B	19B								003, 203	003, 203	009, 209
		1B		11	10	10421B	8B	20B										
		4B		21	20	10664B	9B	21B								004, 204	010, 210	010, 210
		3B		31	30	10663B	10B	22B										
		2B		41	40	10662B	11B	23B										
		1B		51	50	10661B	12B	24B										

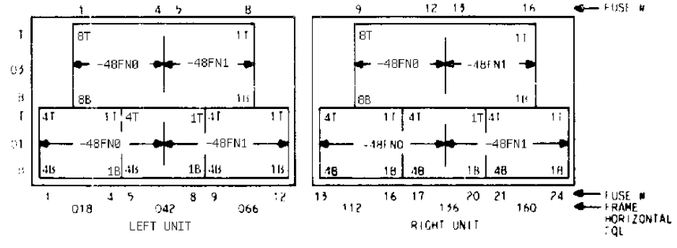
TYPICAL FUSES			
CODE	AMP	COLOR	KS-14174 DESIGNATION PIN
70G	1/2	RED	L7(RED)
70A	1-1/31	WHITE	L1(WHITE)
70B	2	ORANGE	L2(ORANGE)
70C	3	BLUE	L3(BLUE)
70D	5	GREEN	L4(GREEN)
CODE *	AMP	PILOT FUSE	PILOT FUSE DESIGNATION PIN
74A	1-1/4	70G	L7 (RED)
74B	3	70G	L7 (RED)
74C	5	70G	L7 (RED)
74D	10	70G	L7 (RED)
74E	15	70G	L7 (RED)

* NO DESIGNATION PINS FOR 74 TYPE FUSES.



FUSE PANEL REAR VIEW

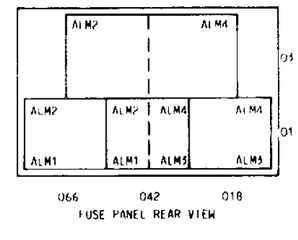
FUSE PANEL
J5D003AU-1
(FUSE NUMBERING)



LEFT UNIT RIGHT UNIT

FUSE PANEL FRONT VIEW

FUSE PANEL
J5D003AU-1
(ALARM NUMBERING)

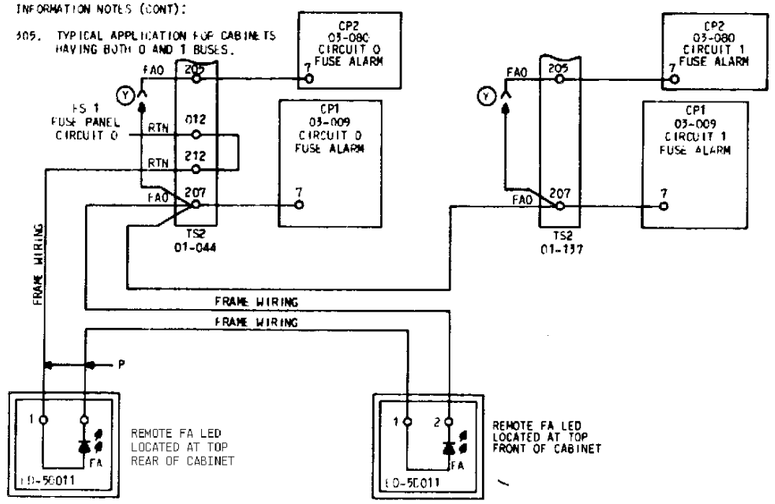


FUSE PANEL REAR VIEW

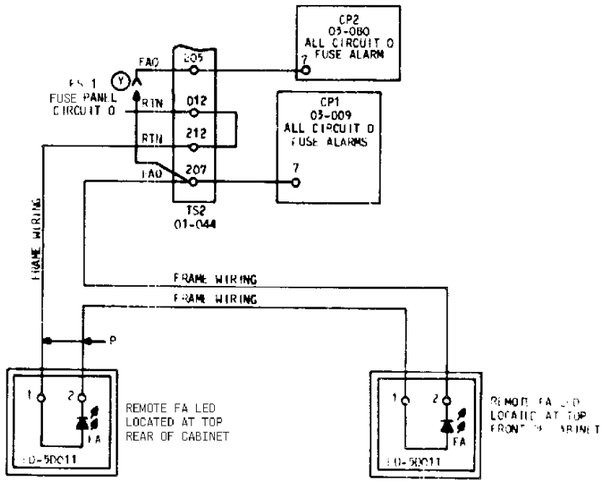
FUSE/FILTER PANEL	DWG SIZE B3	ISSUE 8B
AT&T	SD-5D053-01	SHEET D2

INFORMATION NOTES (CONT):

305. TYPICAL APPLICATION FOR CABINETS HAVING BOTH 0 AND 1 BUSES.

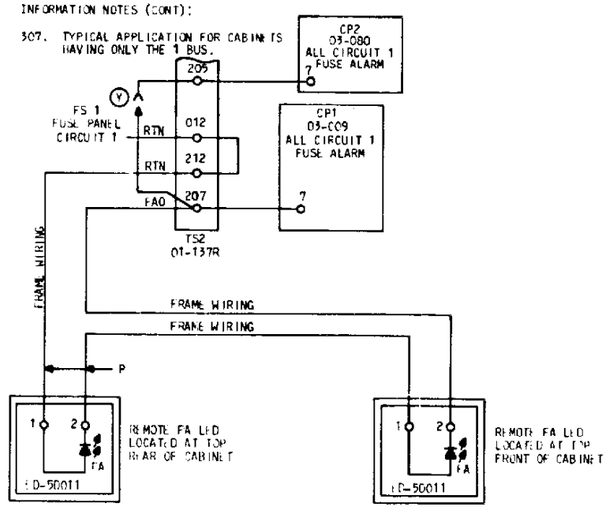


306. TYPICAL APPLICATION FOR CABINETS HAVING ONLY THE 0 BUS.



INFORMATION NOTES (CONT):

307. TYPICAL APPLICATION FOR CABINETS HAVING ONLY THE 1 BUS.



308. (NOTE 308 WAS REMOVED ON ISS 7N)

309. POWER FEEDER LEAD AND SYMBOL DESIGNATIONS (-48FN0 AND -48FN1) WILL VARY DEPENDING UPON FEEDER TYPE, FEEDER NUMBER AND AS SHOWN IN TABLE BELOW.

EXAMPLE: -48FN0 (-48 CIRCUIT NO., F FEEDER NO. (0-5), N FEEDER TYPE ("A","B"), 0 INPUT VOLTAGE)	IF REQ'D				
	FIRST FEEDER	SECOND FEEDER	THIRD FEEDER	FOURTH FEEDER	FIFTH FEEDER
	-48FN0 WILL BE	-48FN1 WILL BE	-48FN0 WILL BE	-48FN1 WILL BE	
FOR "0" BUS APPLICATIONS	-48A00	-48A11	-48A20	-48A31	48A40
FOR "1" BUS APPLICATIONS	-48B00	-48B11	-48B20	-48B31	48B41

FUSE/FILTER PANEL

DWG SIZE: 8B

ISSUE: 8B

AT&T | SD-5D053-01

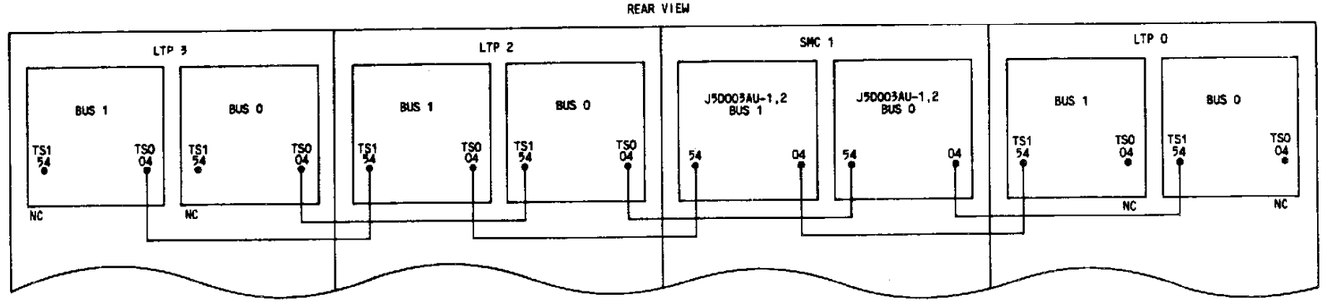
SHEET: D3

INFORMATION NOTES (CONT):

309. TERMINALS 24 AND 54 ON TS 0 AND/OR TS 1 SHALL BE USED TO MULT THE RTN'S 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.

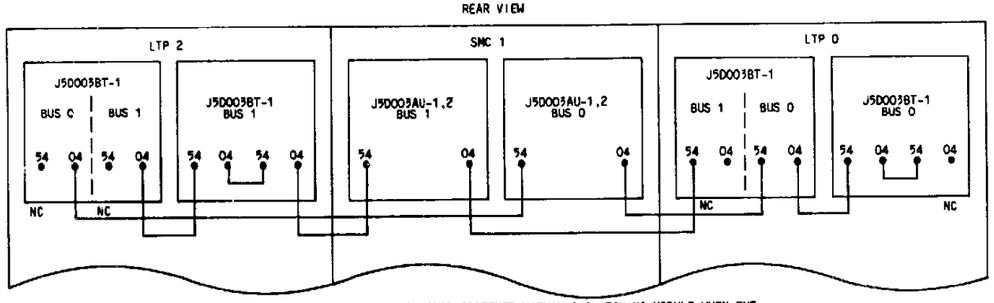
ARRANGEMENT FOR CONNECTING RTN'S TOGETHER WITHIN A SWITCHING MODULE, WHEN THERE IS ONLY ONE FUSE/FILTER PANEL ON A GIVEN BUS, IN EACH BAY

REAR VIEW



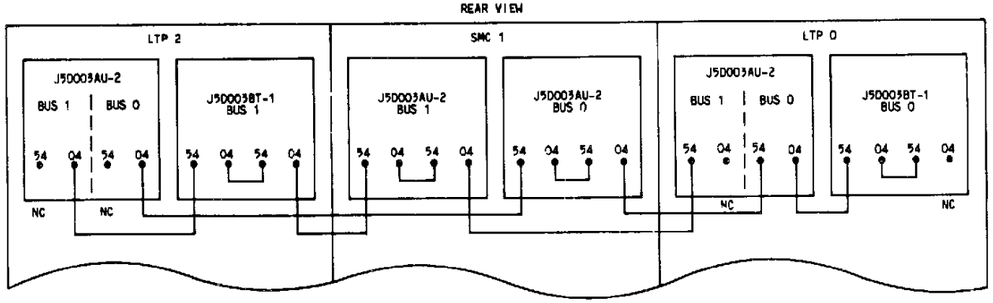
ARRANGEMENT FOR CONNECTING RTN'S TOGETHER WITHIN A SWITCHING MODULE WHEN THE FUSE/FILTER PANEL HAS BOTH BUSES.

REAR VIEW



ARRANGEMENT FOR CONNECTING RTN'S TOGETHER WITHIN A SWITCHING MODULE WHEN THE FUSE/FILTER PANEL HAS BOTH BUSSES AND IS LOCATED WITH J5D003BT PANELS

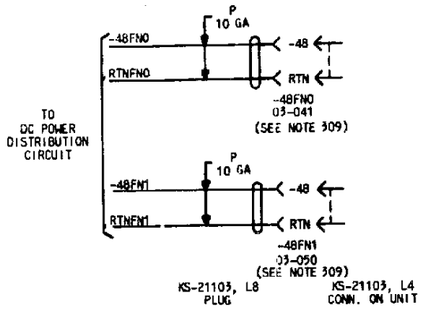
REAR VIEW



FUSE/FILTER PANEL		
	DWG SIZE: 6	ISSUE: 7M
AT&T BELL LABORATORIES	SD-5D053-01	SHEET: D4

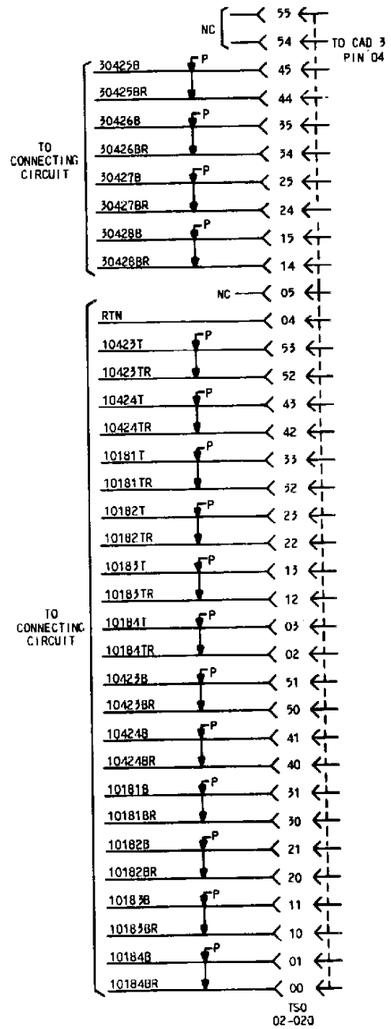
CAD 1

POWER FEEDER TO FUSE/FILTER PANEL (& RTN)



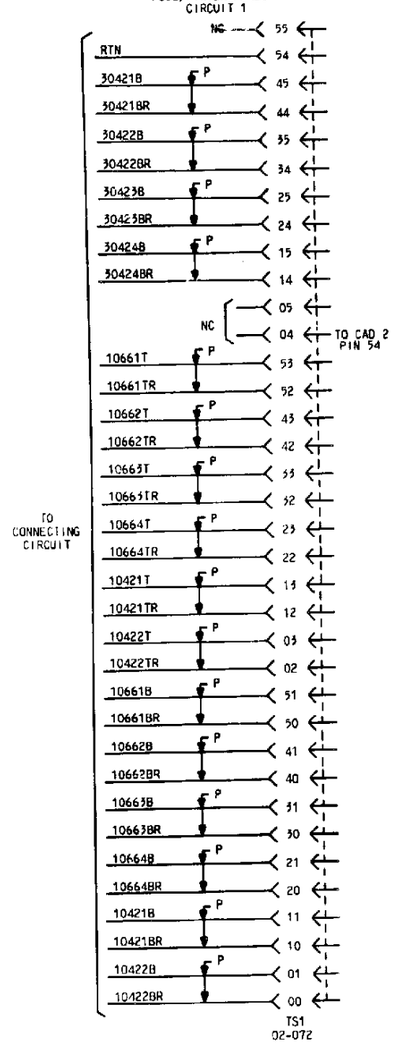
CAD 2

FUSING ON FUSE/FILTER PANEL CIRCUIT 0



CAD 3

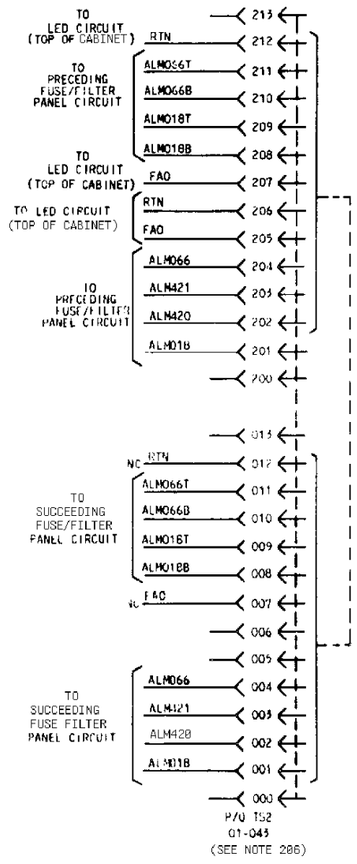
FUSING ON FUSE/FILTER PANEL CIRCUIT 1

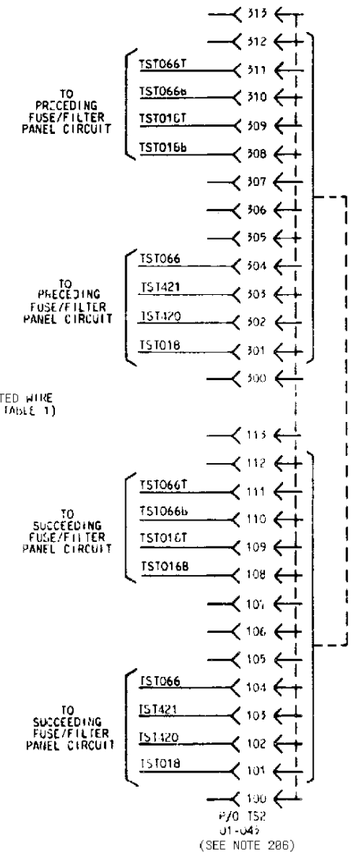


FUSE/FILTER PANEL		
	DWG SIZE: 6B	ISSUE: 5B
AT&T BELL LABORATORIES	SD-5D053-01	SHEET: 61

CAD 4

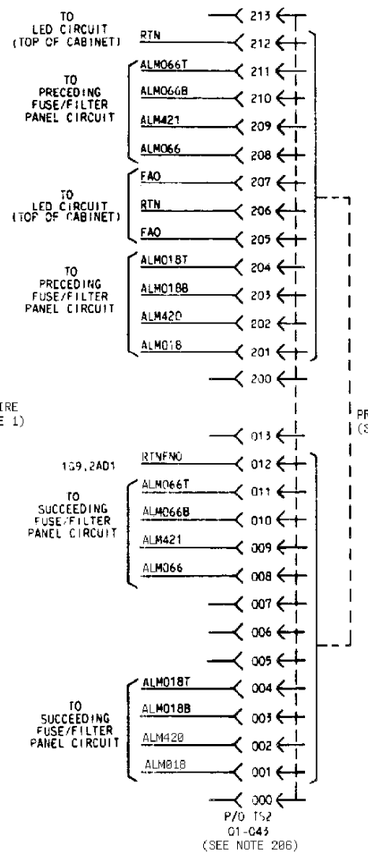
ALARM CIRCUIT OF FUSE/FILTER
OPTION (Z) AND (Y)

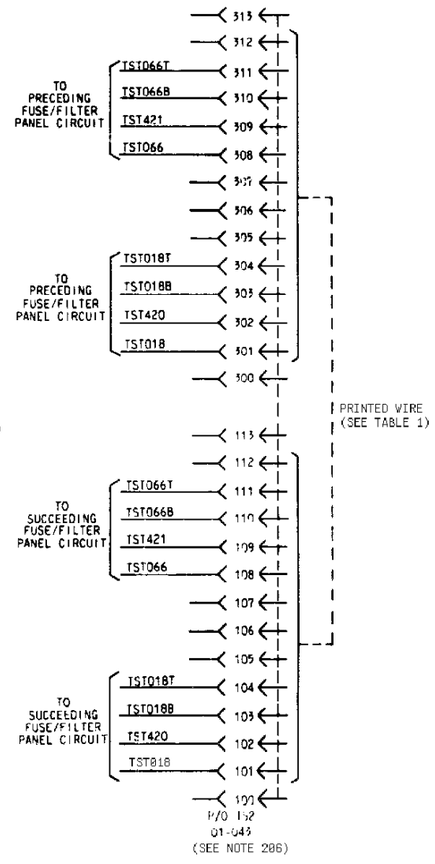




CAD 4A

ALARM CIRCUIT OF FUSE/FILTER PANEL
OPTION (X)





NOTES:

1. UNUSED TERMINALS ON TS2 MAY BE WIRED AND USED AS REQUIRED AT THE CABINET LEVEL

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	112	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
-	-	-	-

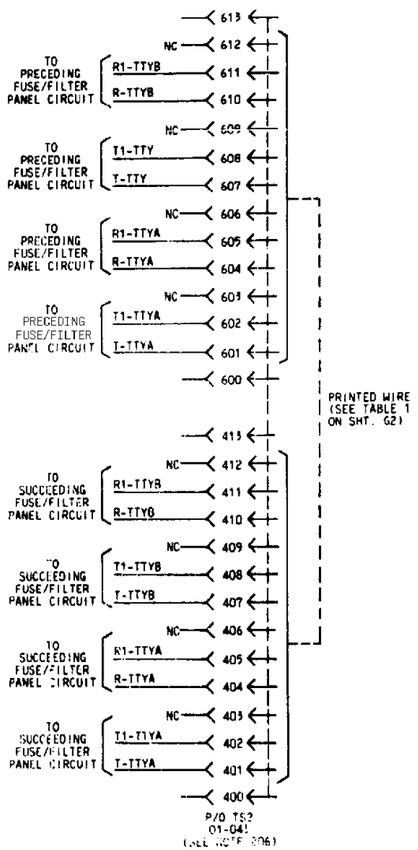
FUSE/FILTER PANEL	DWG SIZE: B	ISSUE: 8B
AT&T	SD- 5D053-01	SHEET: G2

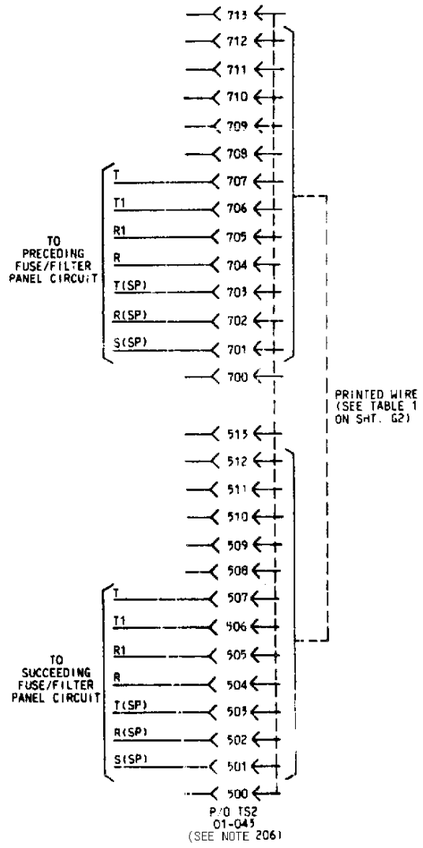
CAD 5

TEL AND TTY CIRCUIT FUSE/FILTER PANEL

NOTES:

1. UNUSED TERMINALS ON TS2 MAY BE WIRED AND USED AS REQUIRED AT THE CABINET LEVEL.





FUSE/FILTER PANEL		
	DWG SIZE: B3	ISSUE: 8B
AT&T	SD-5D053-01	SHEET: G3