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DWG ISSUE	CO ISSUE	DATE ISSUED	DRAWN	APPD
1	1	9-16-87		
2M	1 APPX 0A	7-22-88		

SUPPORTING INFORMATION

CATEGORY	NO.

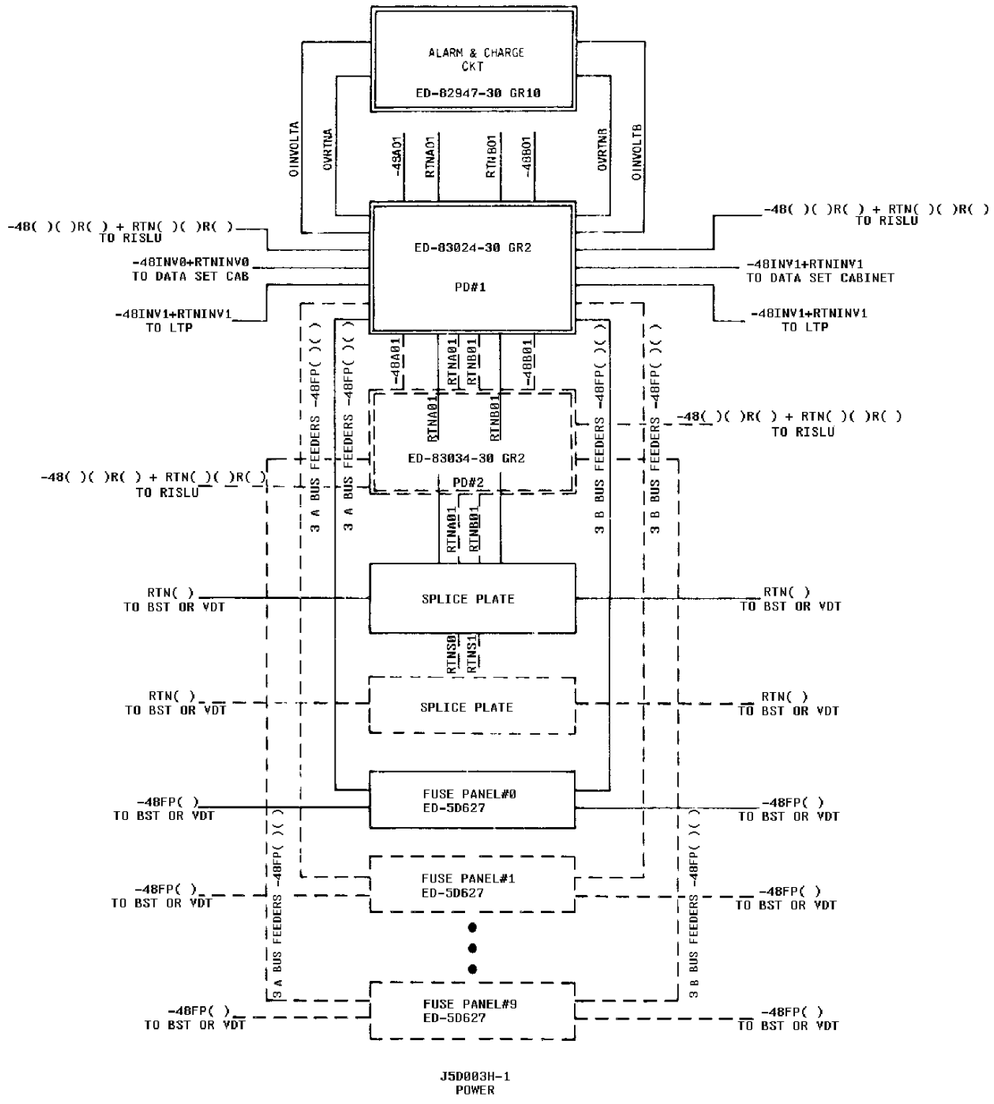
BT13

ELECTRONIC SWITCHING SYSTEM
5ESS®
OPERATOR SERVICES POSITION SYSTEM
POWER DISTRIBUTION CABINET

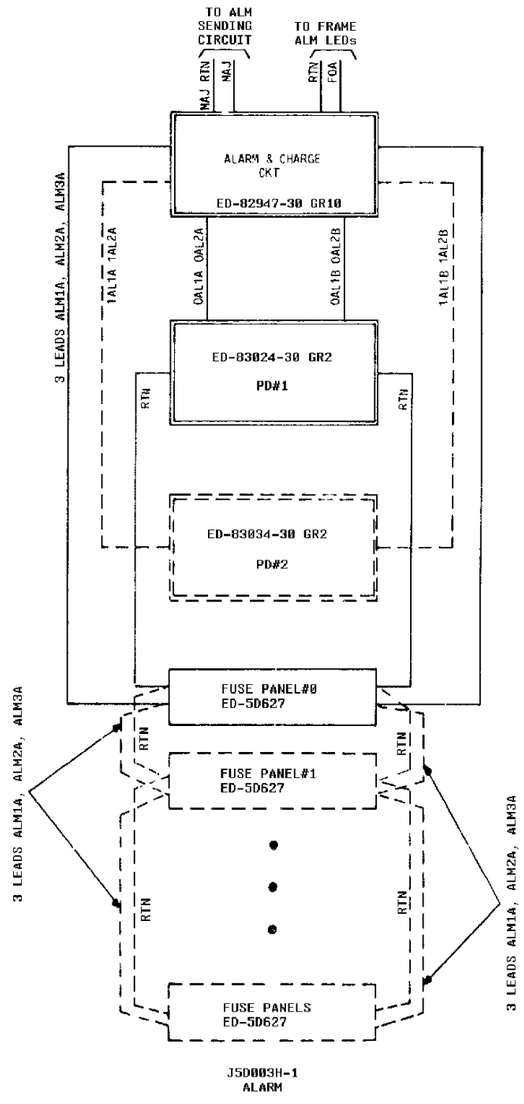
DWG SIZE 6B | ISSUE 2M

AT&T | SD-5D145-01 | SHEET A1 OF 18

FS1
POWER & ALARM



J5D003H-1
POWER

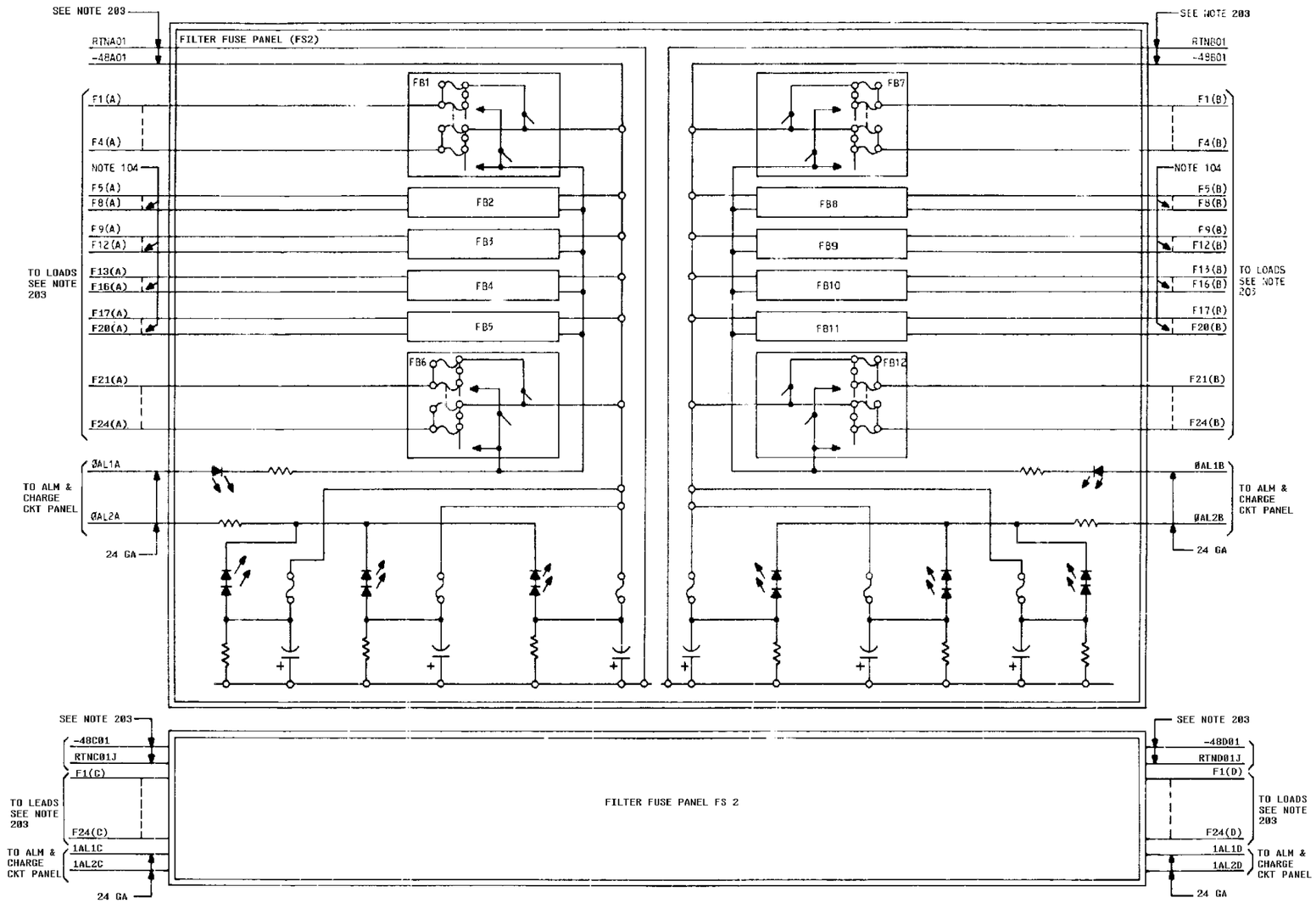


J5D003H-1
ALARM

POWER DISTRIBUTION CABINET		DWG SIZE	ISSUE
		08	
AT&T BELL LABORATORIES	SD-5D145-01		SHEET 81

PART OF FS 2

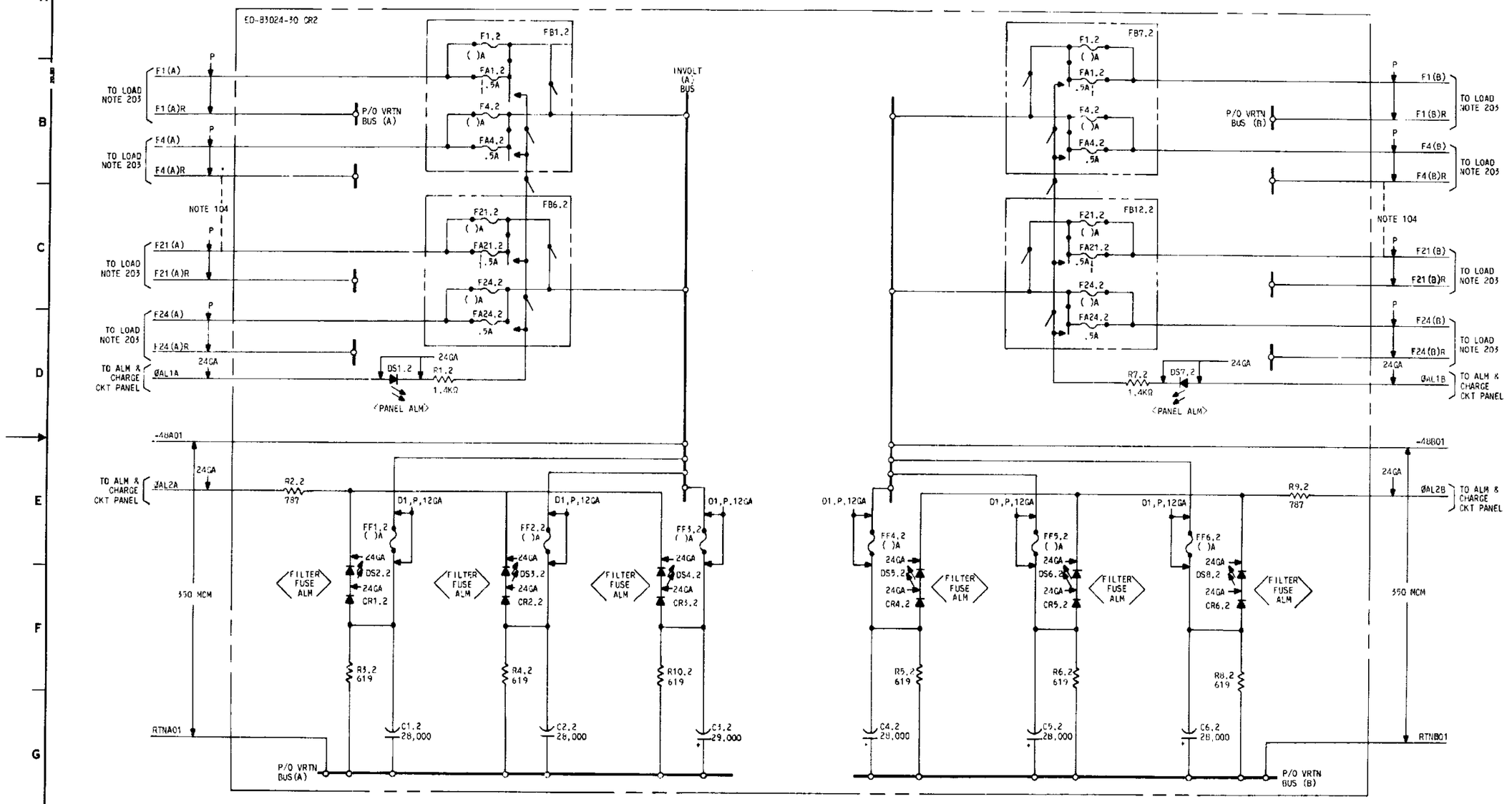
74 TYPE FUSE PANEL



POWER DISTRIBUTION CABINET	DWG SIZE: 8S	ISSUE: /
AT&T BELL LABORATORIES: SD-5D145-01		SHEET: 82

PART OF FS 2

74 TYPE FILTER FUSE PANEL



POWER DISTRIBUTION CABINET	DWG SIZE: B3	ISSUE: /
AT&T BELL LABORATORIES: SD-50145-01		SHEET: B3

PART OF FS 3

ALM & CHARGE CKT PANEL

ED-82947-30 GR1
CONTROL PANEL

TO PD PANEL 1 & FUSE PANEL
ALM1A OAL1A ALM2A ALM3A 1AL1A

TO PD PANEL & FUSE PANEL
ALM1B OAL1B ALM2B ALM3B 1AL1B

TO PD PANEL
OAL2B 1AL2A

TO PD PANEL
OAL2B 1AL2B

TS1.1 TS2.1 TS3.1 T.S4.1

P/OJ1.1 MJ(A) MJ(B) MN(A) MN(B)

A G4

P/O J1.1

CM2
ALARM CIRCUIT
ED-82949-30

(FSB)

CM1
CHARGE CIRCUIT
ED-82950-30

CHG PROBE

52.4

TO ALARM SENDING CIRCUIT (SEE NOTE 20B)
MAJ RTN
MAJ

P/OJ1.1

(FRONT) LEDRTN

FRAME ALM OS1.1 OS2.1

(BACK) FOA

E6 R2.1 5.65K E5

CR2.1 CR1.1

FF3.1 3A

FF2.1 3A FF1.1 3A

AT AT

R1.1 4.22KΩ A B7

P/OJ2.1

18 GA

E1 AT

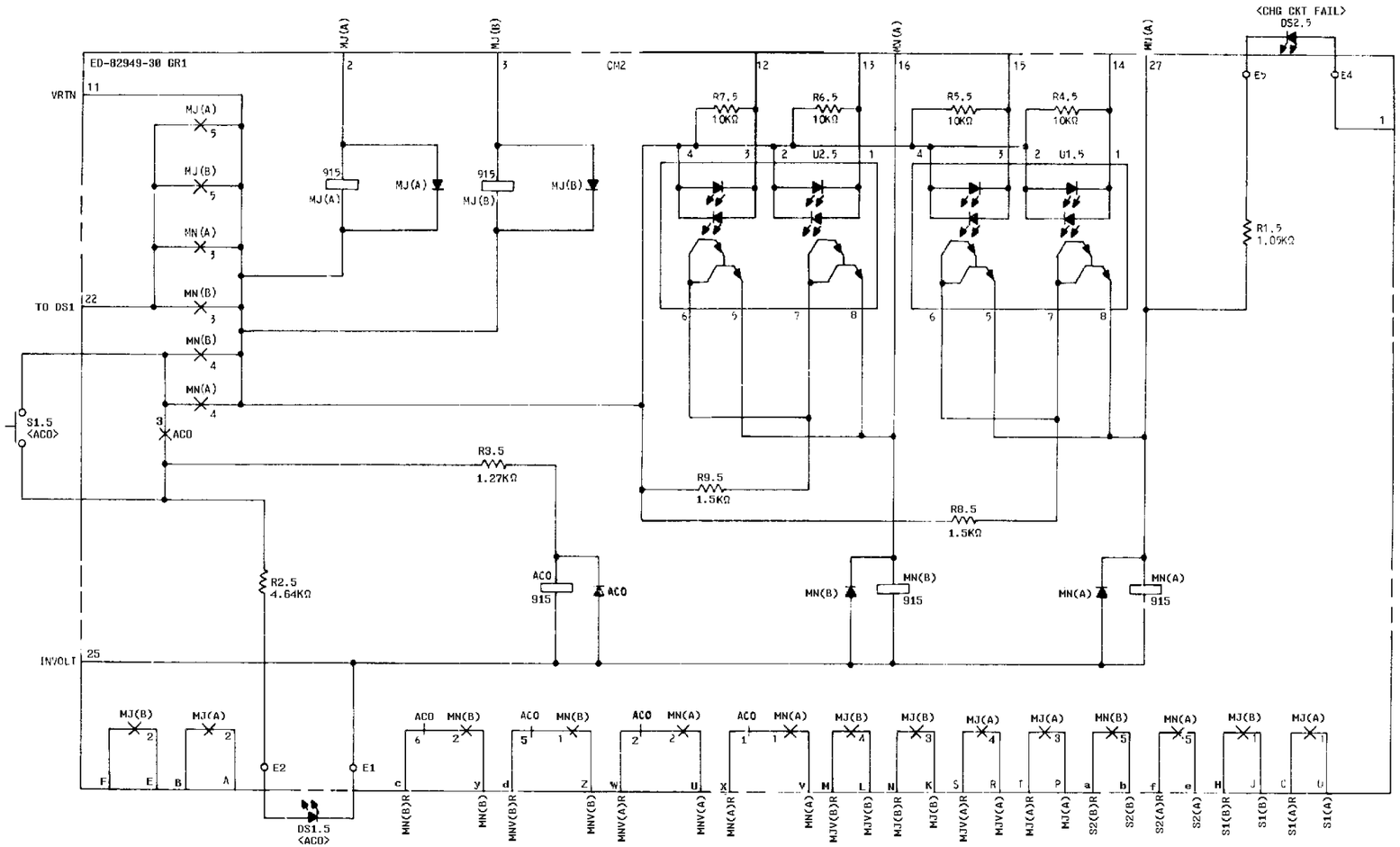
@INVOLTA @INVOLTB
TO PD PANEL 1

@VRTNA @VRTNB
TO PD PANEL 1

POWER DISTRIBUTION CABINET		DWG SIZE E	ISSUE 2M
AT&T	SD-5D145-01		SHEET B4

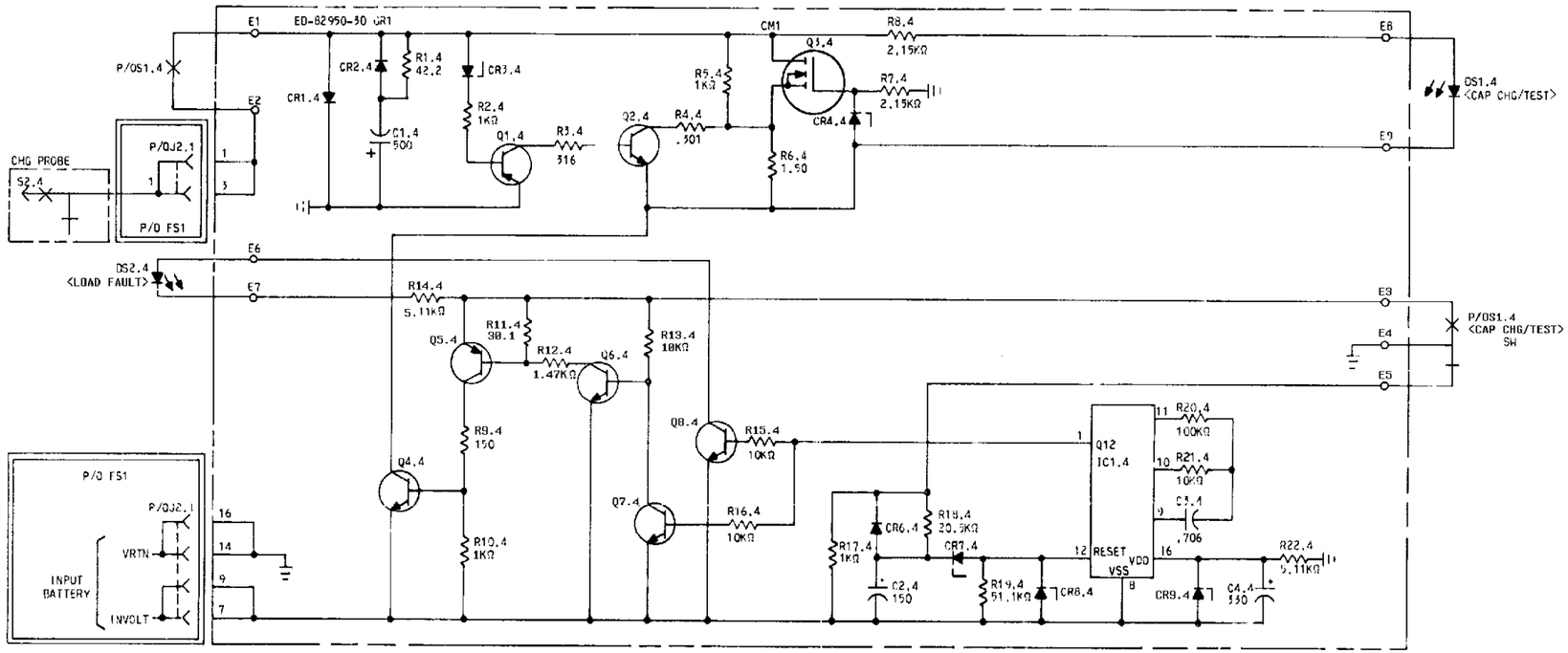
PART OF FS 3

ALARM CIRCUIT



POWER DISTRIBUTION CABINET		
	DWG SIZE: B5	ISSUE: /
AT&T BELL LABORATORIES	SD-5D145-01	SHEET: B5

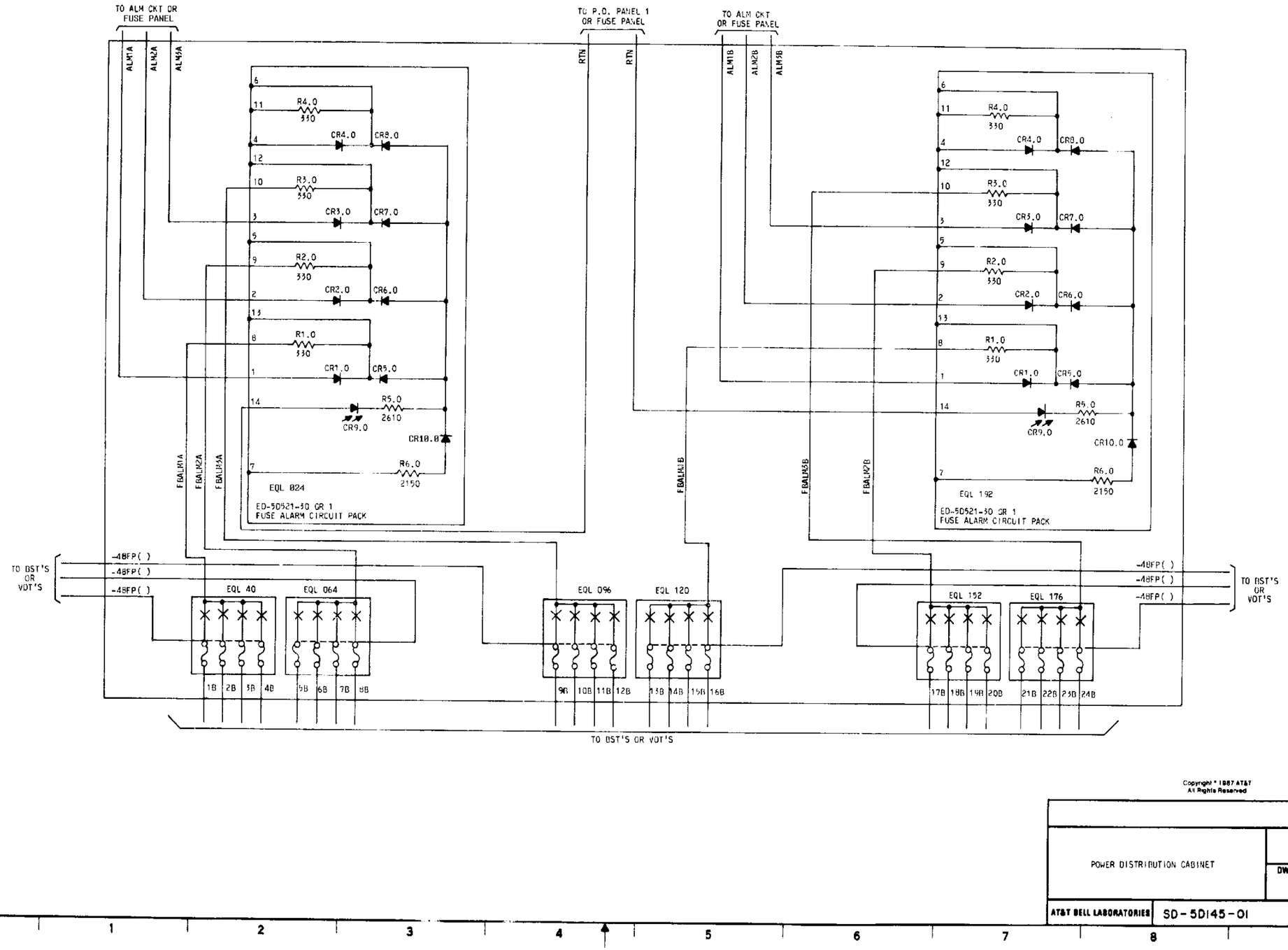
PART OF FS 3
CHARGE CIRCUIT



POWER DISTRIBUTION CABINET	DWG SIZE: 8S	ISSUE: /
AT&T BELL LABORATORIES: SD-5D145-01		SHEET: B6

FS 4

FUSE PANEL (ED-5D627-30)



POWER DISTRIBUTION CABINET		DWG SIZE	ISSUE
		8S	/
AT&T BELL LABORATORIES	SD-5D145-01		SHEET 87

APP FIG. 1

ALARM AND CHARGE CKT PANEL

DESIG.	LOC	CODE
CONTROL PANEL		ED-83024-30 GR A

74 TYPE FILTER FUSE PANEL

DESIG.	LOC	CODE
PD PANEL 1		ED-83024-30 GR 2

APP FIG. 2 (Y)

74 TYPE FILTER FUSE PANEL

DESIG.	LOC	CODE
PD PANEL 1		ED-83024-30 GR 2

APP FIG. 3 (W)

74 TYPE FILTER FUSE PANEL

DESIG.	LOC	CODE
PD PANEL 1		ED-83024-30 GR 2

APP FIG. 4 (Z)

FUSE PANEL

DESIG.	LOC	CODE
FUSE PANEL		ED-5D627-30

APP FIG. 5 (X)

FUSE PANEL

DESIG.	LOC	CODE
FUSE PANEL		ED-5D627-30

APP FIG. 6 (V)

FUSE PANEL

DESIG.	LOC	CODE
FUSE PANEL		ED-5D627-30

POWER DISTRIBUTION CABINET

DWG SIZE: B5

ISSUE: 1

AT&T BELL LABORATORIES | SD-5D145-01 | SHEET C1

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
INVOLT(A) INVOLT(B)		-48V -48V	PANEL PANEL

BATTERY SYMBOL	VOLTAGE RANGE
INVOLT	-42.75 TO -53.5V

102. THE 74 TYPE FILTER FUSE PANEL COMES EQUIPPED WITH 48 FUSE AND INDICATOR TYPE (70 TYPE) FUSE POSITIONS (24 POSITIONS PER BUS).

103. ALL RETURN FEEDERS SHALL BE GROUNDED IN ACCORDANCE WITH BSP 802-001-195 OR SPECIFIC SYSTEM GROUNDING CIRCUIT.

104. THE MAXIMUM INPUT CURRENT FOR THE PDF SHALL BE 275 AMPERES PER BUS PER 74 FUSE PANEL.

105. FUSES SHALL BE RATED AT 125% OF MAXIMUM LOAD CURRENT.

106. THE 3CB FUSE BLOCK CAN DISSIPATE A MAXIMUM OF 3.78 WATTS. THIS FIGURE REFERS TO WATTS DISSIPATED AS HEAT AT THE FUSE BLOCK AND NOT AT THE LOAD.

TABLE II
RESISTANCE OF 74 SERIES FUSES

FUSE CODE	RATING (AMPS)	RESISTANCE (Ω)
74A	1 1/4	0.089
74G	2	0.073
74B	3	0.038
74C	5	0.022
74D	10	0.013
74E	15	0.009
74F	20	0.006

107. DESIGNATIONS (A) AND (B) ARE TYPICAL FOR THE FIRST PANEL'S INPUT AND OUTPUT TERMINALS FOR EACH BUS. WHEN ADDITIONAL PANELS (OF THE SAME ASSEMBLY DESIGNATION) ARE REQUIRED, DESIGNATIONS C AND D AND ETC. SHALL APPLY TO EACH ASSOCIATED PANEL.

EQUIPMENT NOTES:

201. THE INPUT FEEDER INTO THE PDF SHALL BE SPECIFIED BY THE LINE ENGINEER.

202. LOAD FUSES WILL BE SPECIFIED BY THE LINE ENGINEER.

203. SEE OSPS APPLICATION SCHEMATIC (SD-50135-01) FOR INFORMATION ON CABLING BETWEEN POWER DISTIRBUTION CABINET (J5D009H) AND LTP CABINET, RISLU CABINETS, DATA SET CABINET, POWER PLAN", BST'S, AND VDT'S.

204. WHEN THE ED-5D627 FUSE PANEL IS USED ALL FUSE BLOCKS IN THE FUSE PANEL WILL BE WIRED TO THE POWER DISTRIBUTION PANEL (ED-83024-30).

205. WHEN ED-5D627 FUSE PANELS ARE NOT USED BST'S AND VDT'S -48 VOLT AND RTN WILL TERMINATE ON THE POWER DISTRIBUTION PANEL (ED-83024-30).

206. 10 GAUGE WIRE TO BE USED BETWEEN THE POWER DISTRIBUTION PANEL (ED-83024-30) AND FUSE PANELS (ED-5D627-30) LINE ENGINEER TO SPECIFY THE FEEDERS BETWEEN POWER DISTRIBUTION PANEL AND FUSE PANELS.

207. 1ST SPLICE PLATE WILL BE REQUIRED WITH THE USE OF THE 1ST FUSE PANEL (ED-5D627-30) AND 2ND SPLICE PLATE WILL BE REQUIRED WITH 5TH FUSE PANEL (ED-5D627-30). IN CASES WHERE THE NUMBER OF BST'S OR VDT'S EXCEED THE CAPACITY OF THE SPLICE PLATES THE RETURN FEEDER F1-BR OR F1-AR IN THE ED-83024-30 PANEL MAY BE USED.

208. ALL INTERNAL FUSE (MAJOR ALARMS) AND CAPACITOR ALARMS (MINOR ALARMS) WILL BE CONNECTOR TOGETHER AND WILL BE CONSIDERED TO BE A MAJOR ALARM. THE ACO SW LOCATED ON THE ALM AND CHG PANEL (ED-82947-30) MAY BE USED TO CLEAR MINOR ALARMS IN THE POWER DISTRIBUTION PANEL (ED-82024-30) BUT WILL NOT CLEAR ANY MAJOR ALARMS IN CABINET.
OSPS POWER DIST CABINET SCAN POINT WILL BE SEEN AS "NORMALLY OPEN"

209. INDIVIDUAL RTN LEADS WILL NOT BE REQUIRED BETWEEN THE POWER DIST PANELS (ED-83024-30 GR 2) AND THE FUSE PANELS (ED-5D627-30). CADS 2 AND 4 WILL SUPPLY RTN TO THE SPLICE PLATES. THE BST AND VDT RTN LEADS WILL TERMINATE ON THE SPLICE PLATES.

210. WIRING FOR FUSE PANELS 1 THROUGH 9 WILL BE WIRED BY REPEATING WIRING OPTION "X" (CADS 11A AND 12A) FOR EACH FUSE PANEL. CABLE EQL NUMBERING WILL CHANGE TO REFLECT THE FUSE PANEL FRAME EQL. FUSE PANEL NUMBERS AND THEIR ASSOCIATED FRAME EQL ARE:

FUSE PANEL NUMBER	FRAME EQL
0	035
1	032
2	029
3	026
4	023
5	020
6	017
7	014
8	011
9	008

POWER DISTRIBUTION CABINET

DWG SIZE: 8S
ISSUE: /

AT&T BELL LABORATORIES | SD-5D145-01 | SHEET 01

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 FS	APP FIG	APP OR WRG	QTY
POWER DIST CAB WITH 48 FUSES AND ALM & CHARGE CKT PANEL			1		1
ED-83024-30 POWER DISTRIBUTION PANEL WITH 48 FUSES	PD PANEL USED WITHOUT ED5D627-30 FUSE PANEL		2	Y	1
	PD PANEL USED WITH ED5D627-30 FUSE PANEL		3	W	1
ED-5D627-30 FUSE PANEL	1ST FUSE PANEL & 1ST SPLICE PLATE		4	Z	1
	2ND, 3RD 4TH FUSE PANELS		5	X	
	5TH FUSE PANEL & 2ND SPLICE PLATE		6	V	1EA
	6TH, 7TH, 8TH 9TH FUSE PANELS		5	X	

303.

RECORD OF APP 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. WHEN A FILTER FUSE FF ( ) IS OPEN OR REMOVED, THE FILTER CAPACITOR MOUNTED ON THE 74 TYPE FUSE PANEL,

IF IN ADDITION TO THE REMOVAL OF A FILTER FUSE (S) THE CONTROL PANEL FUSE (FF1 AND FF2) ARE ALSO REMOVED* THE CAPACITOR VOLTAGE WILL BLEED DOWN TO DC 0 VOLTS.

* WARNING: REMOVAL OF THE CONTROL PANEL FF1 AND FF2 WILL DISABLE THE MINOR ALARM, ACO CIRCUIT, FRAME ALARM, AND CHARGE CIRCUIT.

305. INSTRUCTIONS FOR USING THE CHARGE PROBE ARE AS FOLLOWS:

1. TO CHARGE THE LOAD CAPACITANCE ON ANY LOAD FUSE.
   a. INSERT THE CHARGE PROBE INTO THE INDICATING FUSE HOLDER.
   b. PRESS THE "CAP CHG" SWITCH (S2) AND WAIT UNTIL THE "CAP CHG" LED EXTINGUISHES*.
   C. WHEN THE "CAP CHG" LED EXTINGUISHES AND THE "LOAD FAULT" LED IS ALSO EXTINGUISHED.
      1. INSERT THE LOAD FUSE.
      2. RELEASE THE "CAP CHG" SWITCH.
      3. REMOVE THE CHARGE PROBE.
      4. INSERT THE INDICATING FUSE.
2. TO CHARGE THE PANEL FILTER CAPACITORS -
   a. INSERT THE CHARGE PROBE INTO THE FUSE HOLDER.
   b. PRESS THE "CAP CHG" SWITCH (S2) AND WAIT UNTIL THE "CAP CHG" LED EXTINGUISHES.
   C. WHEN THE "CAP CHG" LED EXTINGUISHES AND THE "LOAD FAULT" LED IS ALSO NOT LIGHTED -
      1. RELEASE S2.
      2. REMOVE THE CHARGE PROBE.
      3. INSERT THE LOAD FUSE WITHIN 12 SECONDS.

* WARNING: IF THE "CAP CHG" LED EXTINGUISHES, BUT THE "LOAD FAULT" LED LIGHTS A LOAD FAULT (SHORT CIRCUIT, OVERLOAD, OR ANY CONDITION THAT KEEPS THE LOAD CAPACITORS FROM BEING CHARGED) CONDITION EXISTS.

306. ALARM FUNCTIONS -

REASON FOR ALARM	ALARM INDICATORS	ALARM CUT OFF	ALARM SIGNALS TRANSMITTED
LOAD FUSE OPERATED [FC( )]	INDICATING FUSE OPERATES FRAME ALM LED LIGHTS	REMOVE INDICATING FUSE	MAJ( ) } CONTACT CLOSURES
FILTER FUSE HAS OPERATED OR REMOVED [FF( )]	FILTER FUSE ALM LED LIGHTS FRAME ALM LED LIGHTS	PRESS THE ACO SWITCH [THE ACO LED WILL LIGHT AND REMAIN LIT UNTIL THE PROBLEM IS CORRECTED]	MAJ( ) } CONTACT CLOSURES SEE NOTE 208
CHARGE CIRCUIT FAILED SHORT	INDICATING FUSE OPERATES CHG CKT FAIL LED LIGHTS FRAME ALM LED LIGHTS	PRESS THE ACO SWITCH [THE ACO LED WILL LIGHT AND REMAIN LIT UNTIL THE PROBLEM IS CORRECTED OR THE REMOVAL OF FF3]	MAJ( ) } CONTACT CLOSURES SEE NOTE 208
CONTROL PANEL OR CKT FAILS	INDICATING FUSE FF1 AND/OR FF2 OPERATES FRAME ALM LED LIGHTS	PRESS THE ACO SWITCH [THE ACO LED WILL LIGHT AND REMAIN LIT UNTIL THE PROBLEM IS CORRECTED OR THE REMOVAL OF FF1 OR FF2]	MAJ( ) } CONTACT CLOSURES SEE NOTE 208

POWER DISTRIBUTION CABINET

DWG SIZE 83 | ISSUE /

AT&T BELL LABORATORIES | SD-5D145-01 | SHEET D2

CAD 1

POWER FEEDERS TO POWER DIST PANEL 1

TO POWER PLANT
- -48A01 — 059-008-A BUS
- RTNA01 — 059-064-R1

TO POWER PLANT THROUGH GROUND POINT
- -48B01 — 059-164-B BUS
- RTNB01 — 059-108-L2

CAD 2 (Z)

PD 1 TO 1ST SPLICE PLATE

- 059-108-L1 — RTNB01J — 027-108
- 059-064-R2 — RTNA01J — 027-064

CAD 3 (Y&W)

POWER FEEDERS TO POWER DIST PANEL 2

TO POWER PLANT
- -48C01 — 044-008-A BUS
- -48D01 — 044-164-B BUS

- 059-064-R1 — RTNC01J — 044-064-R1
- 059-108-L2 — RTND01J — 044-108-L2

CAD 4 (W)

POWER DIST PANEL 2 TO 1ST SPLICE PLATE

- 027-064 — RTNPSJA — 044-064-R2
- 027-108 — RTNPSJB — 044-108-L1

CAD 5 (V)

1ST SPLICE PLATE TO 2ND SPLICE PLATE

- 025-064 — RTNSSJA — 015-064
- 025-108 — RTNSSJB — 015-108

CAD 6

POWER DIST PANEL 1 TO ALM CKT

- 069-E1 — OVRTNA — 059-E4
- 069-FF2 — OINVOLTA — 059-E1
- 069-E1 — OVRTNB — 059-E20
- 069-FF1 — OINVOLTB — 059-E24

20 GA

POWER DISTRIBUTION CABINET	DWG SIZE: B3	ISSUE: /
AT&T BELL LABORATORIES — SD-5D145-01		SHEET: G1

CAD 7

PD PANEL TO LOADS

TO LOAD SEE NOTE 203

-48	059-FB1-FA1
RTN	059-F1-AR
-48	059-FB1-FA2
RTN	059-F1-AR
-48	059-FB1-FA3
RTN	059-F1-AR
-48	059-FB1-FA4
RTN	059-F1-AR
-48	059-FB2-FA5
RTN	059-F1-AR
-48	059-FB2-FA6
RTN	059-F1-AR
-48	059-FB2-FA7
RTN	059-F1-AR
-48	059-FB2-FA8
RTN	059-F1-AR
-48	059-FB3-FA9
RTN	059-F1-AR
-48	059-FB3-FA10
RTN	059-F1-AR
-48	059-FB3-FA11
RTN	059-F1-AR
-48	059-FB3-FA12
RTN	059-F1-AR
-48	059-FB4-FA13
RTN	059-F1-AR
-48	059-FB4-FA14
RTN	059-F1-AR
-48	059-FB4-FA15
RTN	059-F1-AR
-48	059-FB4-FA16
RTN	059-F1-AR
-48	059-FB5-FA17
RTN	059-F1-AR
-48	059-FB5-FA18
RTN	059-F1-AR
-48	059-FB5-FA19
RTN	059-F1-AR
-48	059-FB5-FA20
RTN	059-F1-AR
-48	059-FB6-FA21
RTN	059-F1-AR
-48	059-FB6-FA22
RTN	059-F1-AR
-48	059-FB6-FA23
RTN	059-F1-AR
-48	059-FB6-FA24
RTN	059-F1-AR

TO LOAD SEE NOTE 205

-48	059-FB7-FA1
RTN	059-F1-BR
-48	059-FB7-FA2
RTN	059-F1-BR
-48	059-FB7-FA3
RTN	059-F1-BR
-48	059-FB7-FA4
RTN	059-F1-BR
-48	059-FB8-FA5
RTN	059-F1-BR
-48	059-FB8-FA6
RTN	059-F1-BR
-48	059-FB8-FA7
RTN	059-F1-BR
-48	059-FB8-FA8
RTN	059-F1-BR
-48	059-FB9-FA9
RTN	059-F1-BR
-48	059-FB9-FA10
RTN	059-F1-BR
-48	059-FB9-FA11
RTN	059-F1-BR
-48	059-FB9-FA12
RTN	059-F1-BR
-48	059-FB10-FA13
RTN	059-F1-BR
-48	059-FB10-FA14
RTN	059-F1-BR
-48	059-FB10-FA15
RTN	059-F1-BR
-48	059-FB10-FA16
RTN	059-F1-BR
-48	059-FB11-FA17
RTN	059-F1-BR
-48	059-FB11-FA18
RTN	059-F1-BR
-48	059-FB11-FA19
RTN	059-F1-BR
-48	059-FB11-FA20
RTN	059-F1-BR
-48	059-FB12-FA21
RTN	059-F1-BR
-48	059-FB12-FA22
RTN	059-F1-BR
-48	059-FB12-FA23
RTN	059-F1-BR
-48	059-FB12-FA24
RTN	059-F1-BR

CAD 7A (Y&W)

PD PANEL TO LOADS

TO LOAD SEE NOTE 205

-48	044-FB1-FA1
RTN	044-F1-AR
-48	044-FB1-FA2
RTN	044-F1-AR
-48	044-FB1-FA3
RTN	044-F1-AR
-48	044-FB1-FA4
RTN	044-F1-AR
-48	044-FB2-FA5
RTN	044-F1-AR
-48	044-FB2-FA6
RTN	044-F1-AR
-48	044-FB2-FA7
RTN	044-F1-AR
-48	044-FB2-FA8
RTN	044-F1-AR
-48	044-FB3-FA9
RTN	044-F1-AR
-48	044-FB3-FA10
RTN	044-F1-AR
-48	044-FB3-FA11
RTN	044-F1-AR
-48	044-FB3-FA12
RTN	044-F1-AR
-48	044-FB4-FA13
RTN	044-F1-AR
-48	044-FB4-FA14
RTN	044-F1-AR
-48	044-FB4-FA15
RTN	044-F1-AR
-48	044-FB4-FA16
RTN	044-F1-AR
-48	044-FB5-FA17
RTN	044-F1-AR
-48	044-FB5-FA18
RTN	044-F1-AR
-48	044-FB5-FA19
RTN	044-F1-AR
-48	044-FB5-FA20
RTN	044-F1-AR
-48	044-FB6-FA21
RTN	044-F1-AR
-48	044-FB6-FA22
RTN	044-F1-AR
-48	044-FB6-FA23
RTN	044-F1-AR
-48	044-FB6-FA24
RTN	044-F1-AR

TO LOAD SEE NOTE 205

-48	044-FB7-FA1
RTN	044-F1-BR
-48	044-FB7-FA2
RTN	044-F1-BR
-48	044-FB7-FA3
RTN	044-F1-BR
-48	044-FB7-FA4
RTN	044-F1-BR
-48	044-FB8-FA5
RTN	044-F1-BR
-48	044-FB8-FA6
RTN	044-F1-BR
-48	044-FB8-FA7
RTN	044-F1-BR
-48	044-FB8-FA8
RTN	044-F1-BR
-48	044-FB9-FA9
RTN	044-F1-BR
-48	044-FB9-FA10
RTN	044-F1-BR
-48	044-FB9-FA11
RTN	044-F1-BR
-48	044-FB9-FA12
RTN	044-F1-BR
-48	044-FB10-FA13
RTN	044-F1-BR
-48	044-FB10-FA14
RTN	044-F1-BR
-48	044-FB10-FA15
RTN	044-F1-BR
-48	044-FB10-FA16
RTN	044-F1-BR
-48	044-FB11-FA17
RTN	044-F1-BR
-48	044-FB11-FA18
RTN	044-F1-BR
-48	044-FB11-FA19
RTN	044-F1-BR
-48	044-FB11-FA20
RTN	044-F1-BR
-48	044-FB12-FA21
RTN	044-F1-BR
-48	044-FB12-FA22
RTN	044-F1-BR
-48	044-FB12-FA23
RTN	044-F1-BR
-48	044-FB12-FA24
RTN	044-F1-BR

POWER DISTRIBUTION CABINET

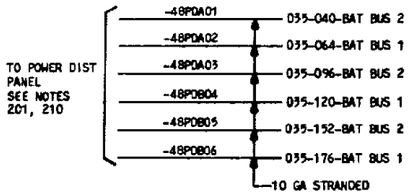
DWG SIZE: B3

ISSUE: /

AT&T BELL LABORATORIES | SD-5D145-01 | SHEET: G2

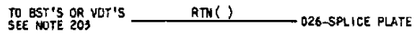
CAD 8 (Z,X & V)

FUSE PANEL TO POWER DIST PANEL



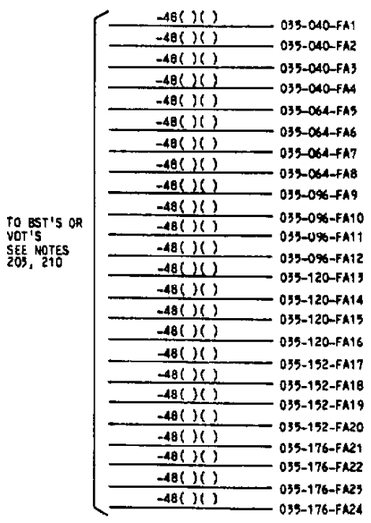
CAD 9 (Z,X & V)

SPLICE PLATE TO BST'S OR VDT'S



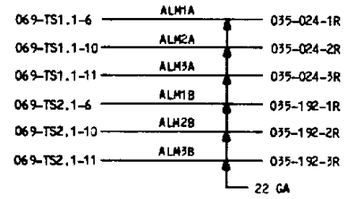
CAD 10 (Z,X & V)

FUSE PANEL TO BST'S OR VDT'S



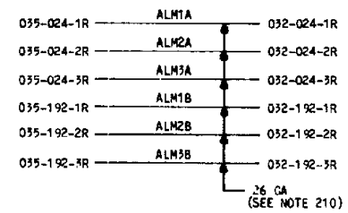
CAD 11 (Z)

FUSE PANEL ALM CKT TO ALM CKT CHARGE PANEL



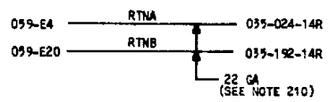
CAD 11A (X & V)

FUSE PANEL ALM CKT TO FUSE PANEL ALM CKT



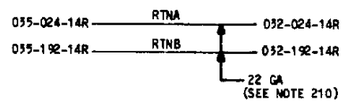
CAD 12 (Z)

FUSE PANEL TO POWER DIST PANEL 1



CAD 12A (X & V)

FUSE PANEL TO FUSE PANEL



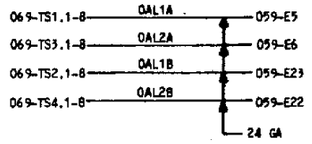
POWER DISTRIBUTION CABINET

DWG SIZE: B

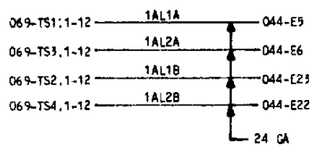
ISSUE: 2M

AT&T | SD-50145-01 | SHEET: G3

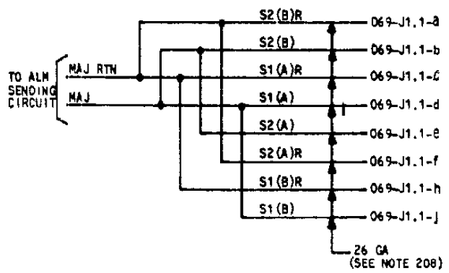
CAD 13
POWER DIST PANEL 1 TO ALM AND CHARGE CKT PANEL



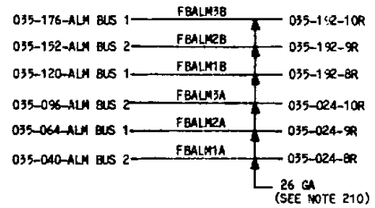
CAD 13A (Y&W)
POWER DIST PANEL 2 TO ALM AND CHARGE CKT PANEL



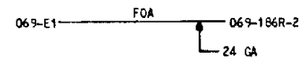
CAD 14
ALM CKT CHARGE PANEL TO OFFICE ALM CKT SCAN BOARD



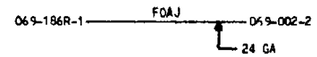
CAD 15 (Z,X&V)
FUSE ALM CKT TO FUSE BLOCKS



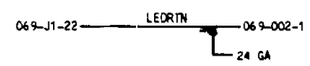
CAD 16
ALM & CHARGE CKT TO REAR LED



CAD 17
REAR FUSE ALM LED TO FRONT LED



CAD 18
ALM & CHARGE CKT TO FRONT LED



POWER DISTRIBUTION CABINET

DWG SIZE: 88

ISSUE: 2M

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SHEET: G4