SHEET INDEX

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING	850005C-1
+48 CONVERTER PANEL	SD-42404-01
+48 VOLT FUSE PANEL	SD-6D083-01
13A ANNOUNCEMENT SYSTEM	SD-97753-01
5ESS ASSIGNMENT RULES	SD-6D007-01
AUDIBLE AND VISUAL ALARM CKT	SD-6D017-01
DIAL TONE DELAY ALARM UNIT	SD-1A277-01
DISTRIBUTE POINT APPLIQUE UNIT	SD-3H911-01
FUSE/FILTER PANEL	SD-5D083-01
INTERCABINET COMMUNICATIONS CKT	SD-5D139-01
OFFICE ALARM UNIT	SD-6D008-01
REMOTE ALARM UNIT	SD-6D009-01
RESISTOR PANEL	SD-6D044-01
INTERCABINET CABLING	ED-6D600-11
INTRACABINET CABLING	ED-6D500-10
CROSSCONNECT INFORMATION	ED-6D500-10

SHEET INDEX NOTES

1. ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX.
2. FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1.
3. THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.

DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS
1	1	3B	3B	3A	3A
4AC	3 sht 1	9B	3 sht 2	8A	3 sht 3
7B	3	8B	3	8B	3
10B	3 sht 3	11B	3 sht 4	12B	3 sht 5
13M	3 sht 6	14A	3 sht 7	15B	3 sht 8
DWG ISS	CC ISS	DATE 4580		DRN	APP
16M	3 sht 9	4-11-91			
17A	4	4-11-91			
18M	4 sht 1	4-11-91			
19B	4 sht 2	4-11-91			
20 M	4 sht 3	4-11-91			
21A	4 sht 4	4-11-91			
22M	4 sht 5	4-11-91			
23M	4 sht 6	4-11-91			
24M	4 sht 7	2-21-92			
25A	5A	2-21-92			
26B	5 sht 1	2-21-92			
27B	5A sht 2	11-25-92			
28B	5A sht 3	11-25-92			
29A	5A sht 4	4-13-93			
30B	5A sht 5	4-13-93			
31B	5A sht 6	4-13-93			
32B	5A sht 7	5-11-94			
33B	5A sht 8	12-16-94			

BT13

5ESS® SWITCHING EQUIPMENT
MISCELLANEOUS CABINET (6 FT)
CIRCUIT

(MC)

DWG SIZE	ISSUE
C2	33B

AT&T | SD-5D130-01 | SHEET A1 129

PRINTED IN U.S.A.

OPTION INDEX

APP CR WRG	RATED ON ISSUE	REF NOTES	LOCATION
Z	AVAIL 1		B3A,G1C
Y	AVAIL 2B		B2,B3B,B3C APP FIG. 9,G1F,G1J
X	AVAIL 1	317	B4, APP FIG. 4,G14
W	AVAIL 1		B9,APP FIG. 7 G21-G23,G26,G27
V	AVAIL 1		B7, APP FIG. 5, G15,G16
U	AVAIL 1		B7, APP FIG. 5, G15,G16
T	AVAIL 1		B10,G30
S	AVAIL 2B	317, 318	B3A,B3C,B8-B10, B17,APP FIG. 17, G1B,G1H,G14,G17, G30,G37,G38
R	DA 13M		B9,G17
Q	DA 13M		B4A,B4B,G2A,G2B
P	AVAIL 2B		B4,G2
M	DA 9B	317, 318	B3A,B3C B8-B10, B17,APP FIG. 17, G1A,G1G,G14,G17 G30,G37,G38
L	STD 5B		B3A,B19A APP FIG. 19,G39A
K	STD 5B		B3A B19A APP FIG. 19,G39A
J	AVAIL 9B		B9,B17
G	AVAIL 12B		B18,APP FIG. 18
F	AVAIL 12B	315	B19B,APP FIG. 24, G39B
E	AVAIL 12B	315	B19B,APP FIG. 24, G39B
D	AVAIL 21A		B22
C	AVAIL 21A		B22
B	AVAIL 18M		B23A , APP FIG. 31 G1C ,G1F ,G1J , G35, G41
A	AVAIL 18M		B23A , APP FIG. 31 G1C ,G1F ,G1J , G35, G41
ZA	AVAIL 18M		B23A , APP FIG. 31 G1C , G1F ,G1J , G35, G41
ZB	AVAIL 22M		B5A
ZC	AVAIL 22M		B5A

OPTION INDEX

APP CR WRG	RATED ON ISSUE	REF NOTES	LOCATION
ZD	AVAIL 22M		B5B,
ZE	AVAIL 22M		B6B
ZF	AVAIL 22M		B18 , APP FIG. 18
ZG	AVAIL 22M		B18 APP FIG. 18
ZH	AVAIL 22M		B20 APP FIG. 20
ZI	AVAIL 22M		B20 APP FIG. 20
ZJ	AVAIL 25A		B9 APP FIG. 7
ZK	AVAIL 26B		B1 APP FIG. 1
ZL	AVAIL 26B		38E,38F 38G APP FIG. 1
ZM	AVAIL 29B		38G APP FIG. 1
ZN	AVAIL 27B	303	APP FIG. 8
ZO	AVAIL 27B	303	APP FIG. 8
ZR	AVAIL 30B		APP FIG. 34
ZS	AVAIL 30B		APP FIG. 35
ZT	AVAIL 30B		APP FIG. 36
ZU	AVAIL 30B		APP FIG. 37
ZW	AVAIL 31B		APP FIG. 38
ZX	AVAIL 31B		APP FIG. 39
ZY	AVAIL 32B		APP FIG. 40
ZZ	AVAIL 32B		APP FIG. 41
XA	AVAIL 32B		APP FIG. 42
XB	AVAIL 32B		APP FIG. 43
XC	AVAIL 32B		APP FIG. 44
XC	AVAIL 32B		APP FIG. 45

MISCELLANEOUS CABINET (8 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET A2

PRINTED IN U.S.A.

LEAD INDEX CONNECTING CIRCUITS

CIRCUIT TITLE	CKT LEAD INDEX LOC
3B IOP 0	2A5
3B IOP 1	2A6
4 WIRE E&M TRUNK VIA DF	2A7
AC POWER DISTRIBUTION CKT	2F7
ANALOG TRUNK UNIT	3A0
AUDIBLE AND VISUAL ALARM CKT	3G0,3A2
BUILDING ALARMS VIA DF	3E2
CONNECTING CIRCUIT VIA DF	3A3
CM OR SM	4A2
DC POWER DISTRIBUTION CKT	3A4
DIRECT CONNECT TERMINATION DENIED LINE	3F4
DISTRIBUTING FRAME	3A8
ESSENTIAL SERVICE TYPE LINE APPEARANCE	3D8
INTERCABINET COMMUNICATIONS CKT	3E6
LINK ADAPTER UNIT	
LINE TRUNK PERIPHERAL	3D8
MCC OR FIRST DATA SET CABINET	3F8
MISCELLANEOUS ALARM SCANS VIA DF	3G8
MMSU VIA DF	2A7
OFFICE ALARM UNIT VIA DF	3A8
ORIGINATION DENIED LINE	3C8
OTHER ALARM REPORTING EQUIPMENT REQUIRING CONTACT CLOSURES ONLY (AUDIBLE)	2A3
OTHER ALARM REPORTING EQUIPMENT REQUIRING CONTACT CLOSURES ONLY (VISUAL)	2D3
OTHER ALARM REPORTING EQUIPMENT REQUIRING VOLTAGE (AUDIBLE)	2A4
OTHER ALARM REPORTING EQUIPMENT REQUIRING VOLTAGE (VISUAL)	2D4
OTHER EQUIPMENT REQUIRING -48 VOLTS (A BUS)	2A8
OTHER EQUIPMENT REQUIRING -48 VOLTS (B BUS)	2D8
POWER PLANT	3E5
SUCCEEDING MISCELLANEOUS CABINET	3F8
TAPE DISK CABINET AS REQUIRED	3F7
TIME MULTIPLEX SWITCH 0	4A0
TIME MULTIPLEX SWITCH 1	4E0
TRANSMISSION TERMINAL EQUIPMENT AND DS3	4A1
TRANSMISSION RATE CONVERTER UNIT 1	19A/E4
TRANSMISSION RATE CONVERTER UNIT 2	19B/D5
CROSS CONNECT	
TRM	4C2
3A/F1	4D1
3A/F8	4F1
3 FAN UNIT	22/D2
INVERTER VIA DF	9G8
RECORDED ANNOUNCEMENT CIRCUIT VIA MDF TO MSOU	23/C5 4E5

LEAD INDEX

OTHER ALARM REPORTING EQUIPMENT REQUIRING CONTACT CLOSURES ONLY (AUDIBLE)

DESIG	LOCATION FS	LOCATION CAD
CR2B	17G1, 17G8	37E3
CR2M	17G1 17G8	37E3
CR2R	17G1, 17G8	37E3
MJ2B	17G0, 17G5	37D3
MJ2M	17G0, 17G5	37D3
MJ2R	17G0, 17G5	37D3
MN2B	17G1, 17G8	37E7
MN2M	17G1, 17G5	37E7
MN2R	17G1, 17G5	37E7
SP2B	17G8	37E7
SP2M	17G8	37E7
SP2R	17G8	37E7

OTHER ALARM REPORTING EQUIPMENT REQUIRING VOLTAGE (AUDIBLE)

DESIG	LOCATION FS	LOCATION CAD
CR1B	17G3, 17G8	37D3
CR1M	17G3, 17G8	37D3
CR1R	17G3, 17G8	37B3
MJ1B	17G2, 17G7	37E1
MJ1M	17G2, 17G7	37C1
MJ1R	17G2, 17G7	37B1
MN1B	17G3, 17G7	37D5
MN1M	17G3, 17G7	37C5
MN1R	17G3, 17G7	37B5
SP1B	17G8	37D7
SP1M	17G8	37C7
SP1R	17G8	37B7

OTHER ALARM REPORTING EQUIPMENT REQUIRING CONTACT CLOSURES ONLY (VISUAL)

AB52B	17G2	37E7
AB52M	17G2	37E7
AB52R	17G2	37E7
CR2B	17G1, 17G6	37E3
CR2M	17G1, 17G8	37E3
CR2R	17G1, 17G8	37E3
MJ2B	17G0, 17G5	37D3
MJ2M	17G0, 17G5	37D3
MJ2R	17G0, 17G5	37D3
MN2B	17G1, 17G6	37E7
MN2M	17G1 17G5	37E7
MN2R	17G1, 17G5	37E7

OTHER ALARM REPORTING EQUIPMENT REQUIRING VOLTAGE (VISUAL)

AB51B	17G4	37D7
AB51M	17G4	37C7
AB51R	17G4	37B7
CR1B	17G3, 17G8	37D3
CR1M	17G3, 17G8	37C3
CR1R	17G3, 17G8	37B3
MJ1B	17G3, 17G7	37E1
MJ1M	17G3, 17G7	37C1
MJ1R	17G2, 17G7	37B1
MN1B	17G3, 17G7	37D5
MN1M	17G3, 17G7	37C5
MN1R	17G3, 17G7	37B5

3B IOP 0

0CR	9A3	17C3
0CR1	9A2	17F1
0CRR	9A3	17D3
0ESM48N	7G3	15C1
0ESM48P	7G4	15C1
0MJ	9A3	17B3
0MJR	9A3	17C*
0MN	9A3	17C1
0MNR	9A3	17B3
0PWR47N	7E7	15D5
0PWR47P	7E7	15D5
0RET	9A3	17B3
0RETR	9B3	17B3
OSC(00-03)(N,P)	9G5	19C0
OSC(04-07)(N,P)	9G5	18C0
OSC(08-11)(N,P)	9G5	18C7
OSC(12-15)(N,P)	9G5	18F0
OSC(16-19)(N,P)	9G5	18F3
OSC(20-23)(N,P)	9G5	18F7
OSC(24-27)(N,P)	9G8	19C0
OSC(28-31)(N,P)	9G8	19C3
OSC(32-33)(N,P)	9G8	18C0
OSC(34-35)(N,P)	9G8	18C3
OSC(36-37)(N,P)	9G8	18C7
OSC(38-39)(N,P)	9G8	18F0
OSC(40-41)(N,P)	9G8	18F3
OSC(42-43)(N,P)	9G8	18F7
OSC(44-45)(N,P)	9G8	19C0
OSC(46-47)(N,P)	9G8	19C3
OSC(48-51)(N,P)	9G7	21C0
OSC(52-55)(N,P)	9G7	21C3
OSC(56-59)(N,P)	9G7	21C7
OSC(60-63)(N,P)	9G7	21F0
OSC(64-67)(N,P)	9G7	21F3
OSC(68-71)(N,P)	9G7	21F7
OSC(72-75)(N,P)	9G8	22C0
OSC(76-79)(N,P)	9G8	22C3
OSC(80-81)(N,P)	9G8	21C0
OSC(82-83)(N,P)	9G8	21C0
OSC(84-85)(N,P)	9G8	21C7
OSC(86-87)(N,P)	9G8	21F0
OSC(88-89)(N,P)	9G8	21F3
OSC(90-91)(N,P)	9G8	21F7
OSC(92-93)(N,P)	9G8	22C0
OSC(94-95)(N,P)	9G8	22C3
0STRP	9A2	17E1
SC40N3B0	9G4	17C3
SC40P3B0	9G4	17C3
SC41N3B0	9G4	17C3
SC41P3B0	9G4	17C3

3B IOP 1

1CR	9A3	17G3
1CR1R	9A2	17D1
1CRR	9A3	17G3
1ESM48N	9G3	15E1
1ESM48P	9G3	15E1
1MJ	9A3	17F3
1MJR	9A3	17F3
1MN	9A2	17F3
1MNR	9A2	17F3
1PWR47N	9F7	15G5
1PWR47P	9F7	15G5
1RET	9A2	17F3
1RETR	9A2	17F3
1SC(00-03)(N,P)	9G5	19C7
1SC(04-07)(N,P)	9G5	19F0
1SC(08-11)(N,P)	9G5	19F3
1SC(12-15)(N,P)	9G5	19F7
1SC(16-19)(N,P)	9G5	20C2
1SC(20-23)(N,P)	9G5	20C5
1SC(24-27)(N,P)	9G8	20F2
1SC(28-31)(N,P)	9G8	20F5
1SC(32-33)(N,P)	9G8	19C7
1SC(34-35)(N,P)	9G8	19F0
1SC(36-37)(N,P)	9G8	19F3
1SC(38-39)(N,P)	9G8	19F7
1SC(40-41)(N,P)	9G5	20C2
1SC(42-43)(N,P)	9G8	20C5
1SC(44-45)(N,P)	9G8	20F2
1SC(46-47)(N,P)	9G8	20F5
1SC(48-51)(N,P)	9G7	22C7
1SC(52-55)(N,P)	9G7	22F0
1SC(56-59)(N,P)	9G7	22F3
1SC(60-63)(N,P)	9G7	22F7
1SC(64-67)(N,P)	9G7	23C2
1SC(68-71)(N,P)	9G7	23C5
1SC(72-75)(N,P)	9G8	23F2
1SC(76-79)(N,P)	9G8	23F5
1SC(80-81)(N,P)	9G8	22C7
1SC(82-83)(N,P)	9G8	22F0
1SC(84-85)(N,P)	9G8	22F3
1SC(86-87)(N,P)	9G8	22F7
1SC(88-89)(N,P)	9G8	23C2
1SC(90-91)(N,P)	9G8	23C5
1SC(92-93)(N,P)	9G8	23F2
1SC(94-95)(N,P)	9G8	23F5
1STRP	9A2	17E1
SC40N3B1	9G4	17E3
SC40P3B1	9G4	17E3
SC41N3B1	9G4	17E3
SC41P3B1	9G4	17E3

4 WIRE E&M TRUNK VIA DF

CT10	5E4	28C8
CT11	5E4	28C4
CT12	5E4	28C3
CT13	5E4	28C1
CT14	5E4	28G8
CT15	5E4	28G4
CT16	5E4	28G3
CT17	5G4	28G1
CT20	5E4	28D8
CT21	5E4	29C4
CT22	5E4	29C3
CT23	5E4	28C1
CT24	5E4	28F8
CT25	5E4	29F4
CT26	5E4	29F3
CT27	5G4	29F1
R10	5E4	28D8
R11	5E4	28D4
R12	5E4	28D3
R13	5E4	28D1
R14	5E4	28G8
R15	5E4	28G4
R16	5E4	28G3
R17	5G4	28G1
T10	5E4	28D8
T11	5E4	28D4
T12	5E4	28D3
T13	5E4	28D1
T14	5E4	28G8
T15	5E4	28G4
T16	5E4	28G3
T17	5G4	28G1

AC POWER DISTRIBUTION CKT

+115ACI	4AE3, 4AE3	2AB4,
+115V	4BC2	28C4
EGRD	4AD3	2AB4
GRD	4BC2	28C4
NEUT	4AD3, 4BC2	2AB4, 28C4

OTHER EQUIPMENT REQUIRING -48 VOLTS (A BUS)

-48A0		
RTNA0		

OTHER EQUIPMENT REQUIRING -48 VOLTS (B BUS)

-48B0		
RTNB0		

MISCELLANEOUS CABINET (6 FT)

DWG SIZE: C2 | ISSUE: 32B

AT&T | SD-5D130-01 | SHEET: A3

PRINTED IN U.S.A.

LEAD INDEX (CONT)

DESIG	LOCATION FS	CAD
ANALOG TRUNK UNIT		
ATU(00-11)0	11G4	31D0
ATU(12-23)0	11G4	31D3
ATU(24-35)0	13G4	33D0
ATU(36-47)0	13G4	33D2
ATU(48-59)0	13G4	33D0
ATU(60-71)0	13G4	33D3
ATU(72-83)0	13G4	33D0
ATU(84-95)0	13G4	33D2
ATU(96-107)0	13G4	33D0
ATU(108-119)0	13G4	33D3
ATU(00-11)1	12G1	31D5
ATU(12-23)1	12G3	31D7
ATU(24-35)1	14G4	33D5
ATU(36-47)1	14G4	33D7
ATU(48-59)1	14G4	33D5
ATU(60-71)1	14G4	33D7
ATU(72-83)1	14G4	33D5
ATU(84-95)1	14G4	33D7
ATU(96-107)1	14G4	33D5
ATU(108-119)1	14G4	33D7
RTN(00-11)0	11G4	31D0
RTN(12-23)0	11G4	31D3
RTN(24-35)0	13G4	33D0
RTN(36-47)0	13G4	33D3
RTN(48-59)0	13G4	33D0
RTN(60-71)0	13G4	33D3
RTN(72-83)0	13G4	31D0
RTN(84-95)0	13G4	33D3
RTN(96-107)0	13G4	33D0
RTN(108-119)0	13G4	33D3
RTN(00-11)1	12G1	31D5
RTN(12-23)1	12G3	31D7
RTN(24-35)1	14G4	33D5
RTN(36-47)1	14G4	33D7
RTN(48-59)1	14G4	33D5
RTN(60-71)1	14G4	33D7
RTN(72-83)1	14G4	33D5
RTN(84-95)1	14G4	33D7
RTN(96-107)1	14G4	33D5
RTN(108-119)1	14G4	33D7

DESIG	LOCATION FS	CAD
AUDIBLE AND VISUAL CKT (CONT)		
LMPTST	10G7	30C5
LMPTSTR	10G7	30C3
MJL1	9G2	17G6
MJL1R	9G2	17G8
MJL2	9G1	17F6
MJL2R	9G1	17F8
MNAUD	10G3	30D3
MNAUDR	10G3	30D3
MNL1	9G2	17F6
MNL1R	9G2	17F6
MNL2	9G1	17E6
MNL2R	9G1	17E8
PWRALM	10G3	30D3
PWRALMR	10G3	30D3
S1B	9G2	17B6
S1BR	9G2	17B6
TB	9G2, 10G4	17B6, 30D3
TBR	9G2, 10G4	17B6, 30D3

BUILDING ALARMS VIA OF		
SC(00-07) (CM,NC,NO)	9B5	24B1
SC(08-15) (CM,NC,NO)	9B5	24B4
SC(16-23) (CM,NC,NO)	9B5	24B7
SC(24-31) (CM,NC,NO)	9B6	25B1
SC(32-39) (CM,NC,NO)	9B6	25B4
SD(40-47) (CM,NC,NO)	9B6	25B6
SC(48-55) (CM,NC,NO)	9B7	26B1
SC(56-63) (CM,NC,NO)	9B7	26B4
SC(64-71) (CM,NC,NO)	9B7	26B6
SC(72-79) (CM,NC,NO)	9B8	27B1
SC(80-87) (CM,NC,NO)	9B8	27B4
SC(88-95) (CM,NC,NO)	9B6	27B4

AUDIBLE AND VISUAL ALARM CKT		
-48ALMB	8G5	14B4
BA2	9G2	17B8
CRL1	9G2	17G6
CRL1R	9G2	17G8
CRL2	9G3	17G9
CRL2R	9G3	17G9
LMPCR	10G6	30B3
LMPCRR	10G6	30B3
LMPMJ	10G7	30B3
LMPMJR	10G7	30B3
LMPMN	10G7	30B3
LMPMNR	10G7	30B3

DESIG	LOCATION FS	CAD
CONNECTING CKT VIA DF		
R(000-001)(A,B)( )	6B3	3F0
R(002-003)(A,B)( )	6B3	3D0
R(004-005)(A,B)( )	6B3	3F3
R(006-007)(A,B)( )	6B3	3D3
R(008-009)(A,B)( )	6B3	3F6
R(010-011)(A,B)( )	6B3	3D6
R(012-013)(A,B)( )	6B3	4F0
R(014-015)(A,B)( )	6B3	4D0
R(016-017)(A,B)( )	6B3	4F3
R(018-019)(A,B)( )	6B3	4D3
R(020-021)(A,B)( )	6B3	4F6
R(022-023)(A,B)( )	6B3	4D6
R(024-025)(A,B)( )	6B3	5F0
R(026-027)(A,B)( )	6B3	5D0
R(028-029)(A,B)( )	6B3	5F3
R(030-031)(A,B)( )	6B3	5D3
R(032-033)(A,B)( )	6B3	5F6
R(034-035)(A,B)( )	6B3	5D6
R(036-037)(A,B)( )	6B3	6F0
R(038-039)(A,B)( )	6B3	6D0
R(040-041)(A,B)( )	6B3	6F3
R(042-043)(A,B)( )	6B3	6D3
R(044-045)(A,B)( )	6B3	6F6
R(046-047)(A,B)( )	6B3	6D6
R(048-049)(A,B)( )	6B3	7F0
R(050-051)(A,B)( )	6B3	7D0
R(052-053)(A,B)( )	6B3	7F3
R(054-055)(A,B)( )	6B3	7D3
R(056-057)(A,B)( )	6B3	7F6
R(058-059)(A,B)( )	6B3	7D6
R(060-061)(A,B)( )	6B3	8F0
R(062-063)(A,B)( )	6B3	8D0
R(064-065)(A,B)( )	6B3	8F3
R(066-067)(A,B)( )	6B3	8D3
R(068-069)(A,B)( )	6B3	8F6
R(070-071)(A,B)( )	6B3	8D6
R(072-073)(A,B)( )	6B3	9F0
R(074-075)(A,B)( )	6B3	9D0
R(076-077)(A,B)( )	6B3	9F3
R(078-079)(A,B)( )	6B3	9D3
R(080-081)(A,B)( )	6B3	9F6
R(082-083)(A,B)( )	6B3	9D6
R(084-085)(A,B)( )	6B3	10F0
R(086-087)(A,B)( )	6B3	10D0
R(088-089)(A,B)( )	6B3	10F3
R(090-091)(A,B)( )	6B3	10D3
R(092-093)(A,B)( )	6B3	10F6
R(094-095)(A,B)( )	6B3	10D6
R(096-097)(A,B)( )	6B3	11F0
R(098-099)(A,B)( )	6B3	11D0
R(100-101)(A,B)( )	6B3	11F3
R(102-103)(A,B)( )	6B3	11D3
R(104-105)(A,B)( )	6B3	11F6
R(106-107)(A,B)( )	6B3	11D6
R(108-109)(A,B)( )	6B3	12F0
R(110-111)(A,B)( )	6B3	12D0
R(112-113)(A,B)( )	6B3	12F3
R(114-115)(A,B)( )	6B3	12D3
R(116-117)(A,B)( )	6B3	12F6
R(118-119)(A,B)( )	6B3	12D6
R(120-121)(A,B)( )	6B3	13F0
R(122-123)(A,B)( )	6B3	13D0
R(124-125)(A,B)( )	6B3	13F3
R(126-127)(A,B)( )	6B3	13D3

DESIG	LOCATION FS	CAD
DC POWER DISTRIBUTION CKT		
-48A0	2C3, 3AC3	1CB0, 29C4
-48A1	2D3, 3AC2	1CC0, 29C4
-48AINV0	4AC3	2C4
-48B0	2D3, 3AC7	1CD0, 29D4
-48B1	2E3, 3AC5	1CD0 29E4
-48DC0	4B82	28G4
-48RTA0	2C3, 3AC4	1CB0, 29C4
-48RTA1	2C3, 3AC2	1CC0, 29D4
-48RTB0	2D3, 3AC7	1CD0, 29D4
-48RTB1	2D3, 3AC9	1CD0, 29E4
-48VA	15B2, 16B3	35C2, 36C4
-48VABS	8G4, 10B2	14C4, 30B0
-48VB	15B3, 16B3	35C2, 36C4
GR0A	15B2, 16B3	35C2, 36C4
GR0B	15B3, 16B3	35C2, 36C4
RTAINV0	4AC3	2C4
RTNAB3	8G4, 10B2	14C4, 30B0
RTNDC0	4B82	28C4

DIRECT CONNECT TERMINATION DENIED CIRCUIT		
R	7C2	15E0
T	7C2	15E0

DESIG	LOCATION FS	CAD
DISTRIBUTING FRAME		
GRD0	5D4	28C8
GRD1	5D4	28C4
GRD2	5D4	28C3
GRD3	5D4	28C1
GRD4	5D4	28G8
GRD5	5D4	28G4
GRD6	5D4	28G3
GRD7	5F4	28G1
ST0	5D4	28C8
ST1	5D4	28C4
ST2	5D4	28C3
ST3	5D4	28C1
ST4	5D4	28G8
ST5	5D4	28G4
ST6	5D4	28G3
ST7	5F4	28G1
MAJ	18B4	
MAJ RTN	18B4	
MIN	18B5	
MIN RTN	18B5	
[0,1]RES1	22F4	41E,G3
0SCAN	22F4	41E3
1SCAN0	22F5	41G3
3BRESR	22F4	41D,F3
3BSCNR	22F4	41D,F3

ESSENTIAL SERVICE TYPE LINE APPEARANCE		
R	7C2	15E0
T	7C2	15E0

INTERCABINET COMMUNICATIONS CKT		
R	8D2	14G0
R1	8D7	14G0
T	8C2	14G0
T1	8C7	14G0

MCC OR FIRST DATA SET CABINET		
+115AC1	4AE3	2AC4
EGR0	4AE3	2AC4
GR0	4BC2	2BB4
NEUT	4AE3	2AC4

MISCELLANEOUS ALARM SCANS VIA DF		
PWUN0	15D8	36D2
PWURCM	15D8	36D2
PWNN0	15D8	36E2
PWNRCM	15D8	36E2

DESIG	LOCATION FS	CAD
MMSU VIA DF		
OSC(08-12)(N,P)	10B6	30C5
OSC(28-30)(N,P)	10G4	30B5
1SC(08-12)(N,P)	10B7	30F5
1SC(28-30)(N,P)	10G5	30E5
A	7G4	15C1
A0	7C7	15B7
A0-3	7G5	15F3
A0-3M	7G5	15F3
A2	7C7	15B8
A2-3	7G5	15G3
A2-3M	7G5	15G3
B	7G4	15C1
DTD	7G4	15E1
GR0A	7C7	15F3
GR0B	7C7	15B5
M00	7G4	15E1
SC16	3CB3	10C7
SC17	3CB6	1HC7
VA10	5E4	28C8
VA11	5E4	28C4
VA12	5E4	28C3
VA13	5E4	28C1
VA14	5E4	28F6
VA15	5E4	28F4
VA16	5E4	28F3
VA17	5G4	28F1
VA20	5E4	28C8
VA21	5E4	28C4
VA22	5E4	28C3
VA23	5E4	28C1
VA24	5E4	28F8
VA25	5E4	28F4
VA26	5E4	28F3
VA27	5F4	28F1

TAPE/DISK CABINET AS REQUIRED		
+115AC0	4AE3	2AC4
EGR0	4AD3	2AC4
GR0	4BC2	2BB4
NEUT	4AC2	2AC4

DESIG	LOCATION FS	CAD
OFFICE ALARM UNIT VIA DF		
SC29N	4B08	28D4
SC29P	4B08	28D4
SC29CM	4AD8	2AE4
SC29NC	4AD8	2AE4
SC31CM	4AE8	2AF4
SC31N0	4AE8	2AF4
SC31N	4BC8	28D4
SC31P	4BC8	28D4

ORIGINATION DENIED LINE		
R2	7B2	1500
T2	7B2	1500

LINE TRUNK PERIPHERAL		
-48A( )	18D3	
-48B( )	18E3	
RTNA( )	18D3	
RTNB( )	18E3	

POWER PLANT		
-48A	18E2	
-48B	18E2	
RTNA	18E2	
RTNB	18E2	

SUCCEEDING MISCELLANEOUS CABINET		
-48A( )	18C8	
-48B( )	18E8	
RTNA( )	18C8	
RTNB( )	18E8	

MISCELLANEOUS CABINET (8 FT)

DWG SIZE C2 | ISSUE 32B | SHEET A4

AT&T | SD-5D130-01

PRINTED IN U.S.A.

DESIG	LOCATION FS	CAD
TO TIME MULTIPLEX SWITCH 0		
D00FA0A	19A/B5	39A/D1
D00FA0B	19A/G4	39A/E1
D00FA1A	19A/G5	39A/F1
D00FA1B	19A/B4	39A/C1
MSTR0A	19A/B5	39A/D1
MSTR0B	19A/G4	39A/E1
MSTR1A	19A/G5	39A/F1
MSTR1B	19A/B4	39A/C1
NCTRA0A	19A/B5	39A/C1
NCTRA0B	19A/G4	39A/E1
NCTRA1A	19A/G5	39A/F1
NCTRA1B	19A/B4	39A/C1
NCTTA0A	19A/B5	39A/D1
NCTTA0B	19A/G4	39A/E1
NCTTA1A	19A/G5	39A/F1
NCTTA1B	19A/B4	39A/B1
SELREF0A	19A/B5	39A/C1
SELREF0B	19A/G4	39A/E1
SELREF1A	19A/G5	39A/F1
SELREF1B	19A/B4	39A/B1
8KREFA0A	19A/B5	39A/D1
8KREFA0B	19A/G4	39A/E1
8KREFA1A	19A/G5	39A/G1
8KREFA1B	19A/B4	39A/C1

DESIG	LOCATION FS	CAD
TO TRANSMISSION TERMINAL EQUIPMENT AND DS3 CROSS-CONNECT		
DS3INA0A	19A/B5	39A/D7
DS3INA0B	19A/G4	39A/E7
DS3INB0A	19A/B5	39A/D7
DS3INB0B	19A/G4	39A/E7
DS3INA1A	19A/G5	39A/F7
DS3INA1B	19A/B4	39A/C7
DS3INB1A	19A/B4	39A/C7
DS3INB1B	19A/G5	39A/F7
DS30TA0A	19A/B5	39A/D7
DS30TA0B	19A/G4	39A/E7
DS30TB0A	19A/B5	39A/D7
DS30TB0B	19A/G4	39A/E7
DS30TA1A	19A/G5	39A/F7
DS30TA1B	19A/B4	39A/C7
DS30TB1A	19A/G5	39A/F7
DS30TB1B	19A/B4	39A/C7

DESIG	LOCATION FS	CAD
CM		
(0,1)AENCTR	19B/B4	39B/B1
(0,1)AENCTT	19B/B4	39B/B1
(0,1)A0NCTR	19B/F4	39B/D1
(0,1)A0NCTT	19B/F4	39B/D1
(0,1)BENCTR	19B/B5	39B/B1
(0,1)BENCTT	19B/B5	39B/B1
(0,1)B0NCTR	19B/F4	39B/D1
(0,1)B0NCTT	19B/F4	39B/D1
(0,1)DLI52	19B/B4	39B/A1
(0,1)DLI61	19B/B4	39B/A1

DESIG	LOCATION FS	CAD
TO OR FROM TRM		
NCT LINK	20G5	

DESIG	LOCATION FS	CAD
RECORDED ANNOUNCEMENT CIRCUIT VIA MDF		
(1,2)(0)T00	23B6, 24B8	
(1,2)(0)R00	23B6, 24B8	
(1,2)(0)T01	23C6, 24C8	
(1,2)(0)R01	23C6, 24C8	
(1,2)(0)T20	23C6, 24C8	
(1,2)(0)T21	23D6, 24C8	
(1,2)(0)R21	23D6, 24D8	

3A/F1		
-48 0A	19A/B5	
-48 0B	19A/G5	
-48RTN0A	19A/B5	
-48RTN0B	19A/G5	

DSX3		
(0,1)AEDS3IN	19B/B5	39B/C1
(0,1)AEDS30T	19B/B5	39B/C1
(0,1)A0DS3IN	19B/F4	39B/E1
(0,1)A0DS30T	19B/F4	39B/E1
(0,1)BEDS3IN	19B/B5	39B/C1
(0,1)BEDS30T	19B/B5	39B/C1
(0,1)B0DS3IN	19B/F5	39B/E1
(0,1)B0DS30T	19B/F5	39B/E1

PRECEDING FAN UNIT		
3BRESR	22/F2	41/B3
3BRES1	22/F2	41/B3
3BSCNR	22/F2	41/B3
3BSCN0	22/F2	41/B3

TO MSGDU		
TA	23F5	43F4
RA	24F5	43F4

TO TIME MULTIPLEX SWITCH 1		
D00FB0A	19A/B4	39A/D4
D00FB0B	19A/G4	39A/E4
D00FB1A	19A/G4	39A/F4
D00FB1B	19A/B4	39A/C4
NCTRB0A	19A/B4	39A/D4
NCTRB0B	19A/G4	39A/E4
NCTRB1A	19A/G4	39A/F4
NCTRB1B	19A/B4	39A/C4
NCTTB0A	19A/B4	39A/D4
NCTTB0B	19A/G4	39A/E4
NCTTB1A	19A/G4	39A/F4
NCTTB1B	19A/B4	39A/C4
8KREFB0A	19A/B4	39A/D4
8KREFB0B	19A/G4	39A/E4
8KREFB1A	19A/G4	39A/F4
8KREFB1B	19A/B4	39A/C4

3A/F8		
-48 1A	19A/B5	
-48 1B	19A/G5	
-48RTN1A	19A/B5	
-48RTN1B	19A/G5	

LGX		
(0,1)ARCV	19B/B6	39B/C1
(0,1)ATRNS	19B/F5	39B/F1
(0,1)BRCV	19B/B6	39B/C1
(0,1)BTRNS	19B/F5	39B/F1

SUCCEEDING FAN UNIT		
FLED4	22/F3	41/D3
LTPRST	22/F3	41/D3
3BSCNR	22/F3	41/D3
3BSCN0	22/F3	41/D3

CM OR SM		
FIBER OPTIC LINK	20B6	

INVERTER VIA DF		
SC(29,31)N	99A	
SC(29,31)P	99B	
SC(29,31)CM	99B	
SC(29,31)NC	99B	
SC(29,31)N0	99B	

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		A5

PRINTED IN U.S.A.

APPARATUS INDEX

DESIG	LOCATION FS	APP FIG	EQPT
UNITS			
13A( )	5A1	8	
CONV	7F2	6	
CONVCKT	8B3	4	
CONVPNL0	15D8	14	
CONVPNL(1,2)	16E3	15	
DPAU	7B6	5	
DTDAU	7B3	5	
FF01A	1B1	1	
FF01B	1B1	1	
FPPF0	11B4, 12B3	11	
FPPF1-4	13R4, 14B4	12	
RU	22D2	25	
SDCTDAC	4C4	2	
SNDU	2C4	9	
SAU	9C1	7	
SAR	17D3, 17D7	17	
SDP	18D4	18	
SAU	10C9	10	
SIP( )	6B5	3	
TRCU	19A/D4	19	
TRCU2	19B/D5	24	
LSCIM	20D4	20	

DESIG	LOCATION FS	APP FIG	EQPT
INDUCTORS			
L1	8C5	4	

CAPACITORS			
C1	8D4	4	
C2	7C3	5	

DIODE			
LED	22C6, 22C7		

TRANSFORMERS			
T1	8C4	4	

VARISTORS			
RV1	8C3	4	

FUSES			
13A( )	3BE2, 3BE4, 3BE5, 3BE7, 3CE5	8	
-48ALMB	3AE3, 3CE3	4	
ATU(00-119)0	FS 9, FS 10	13	
ATU(00-119)1	FS 9, FS 10	13	
CONV	3AE6	6	
DPAA	3AE4	5	
DPAB	3AE5	5	
JP48V	3AE3	4	
OA48V0	3AE4	7	
OA48V1	3AE5	7	
RAR	3AE4, 3AE7, 3CE4, 3CE6	17	
RP0( )	3AE2, 3AE3, 3CE2	3	
RP0( )	3AE2, 3CE2	3	
RP1( )	3AE6, 3AE7	3	
RP3( )	3AE6, 3AE7, 3CE6	3	
TRC0A	3AE1	19	
TRC0B	3AE1	19	
TRC1A	3AE8	19	
TRC1B	3AE8	19	

MISCELLANEOUS CABINET (6 FT)

DWG SIZE C2 | ISSUE 32B | SHEET A8

AT&T | SD-5D130-01

PRINTED IN U.S.A.

PART OF FS 1 (D.A.)

POWER AND FUSING

FS1A FS1B FS1C

CONNECT PER FS 1A-1C

-48(A,B)*1

FF01A OR FF01B
FUSE/FILTER PANEL

BUS	CODE
0	J5D003AU-1,L1,SA
1	J5D003AU-1,L1,SB

TS2 (SEE NOTE 203)

207 007 012 212 201 001 101 301 202 002 102 302 203 003 103 303 204 004 104 304

CP1

FAO RTN ALM TST ALM TST ALM TST ALM TST

CKT 1 CKT 2 CKT 3 CKT 4

FEEDER DESIGNATION

-48 A - 0

- CIRCUIT (0 OR 1)
- FEEDER NO. (0-3)
- BUS (A OR B)
- POTENTIAL

-48(A,B)*0

BUS	FUSE BLOCK H EQL		
	XXX	YYY	ZZZ
0	018	042	066
1	112	136	160

FAS3 FAS4 FAS1 FAS2

ALM2 ALM1 ALM1 ALM2 ALM2 ALM4 ALM4 ALM3 ALM3 ALM4

01-ZZZ P/O 01-YYY 03-YYY P/O 01-YYY 01-XXX

BAT1 BAT2

TS1 TS0

RTN1 RTN2

CONNECT PER FS 1A-1C

FS1A FS1B FS1C

RLED0
(TOP REAR OF CABINET)
P/O ED-5D011

RLED1
(TOP FRONT OF CABINET)
P/O ED-5D011

FA

RED

RTN00 FA01 FA0

382 OR 482 OR 582

382 OR 482 OR 582

MISCELLANEOUS CABINET (6 FT)

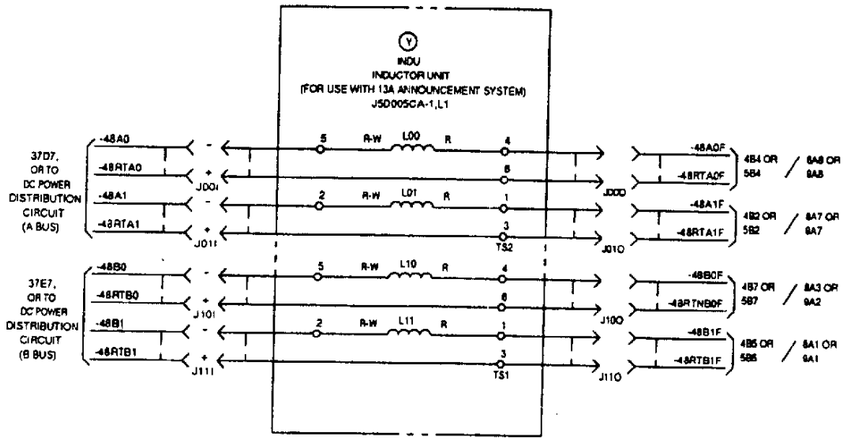
DWG SIZE	ISSUE
C2	32B

AT&T SD-5D130-01 SHEET 91

PRINTED IN U.S.A.

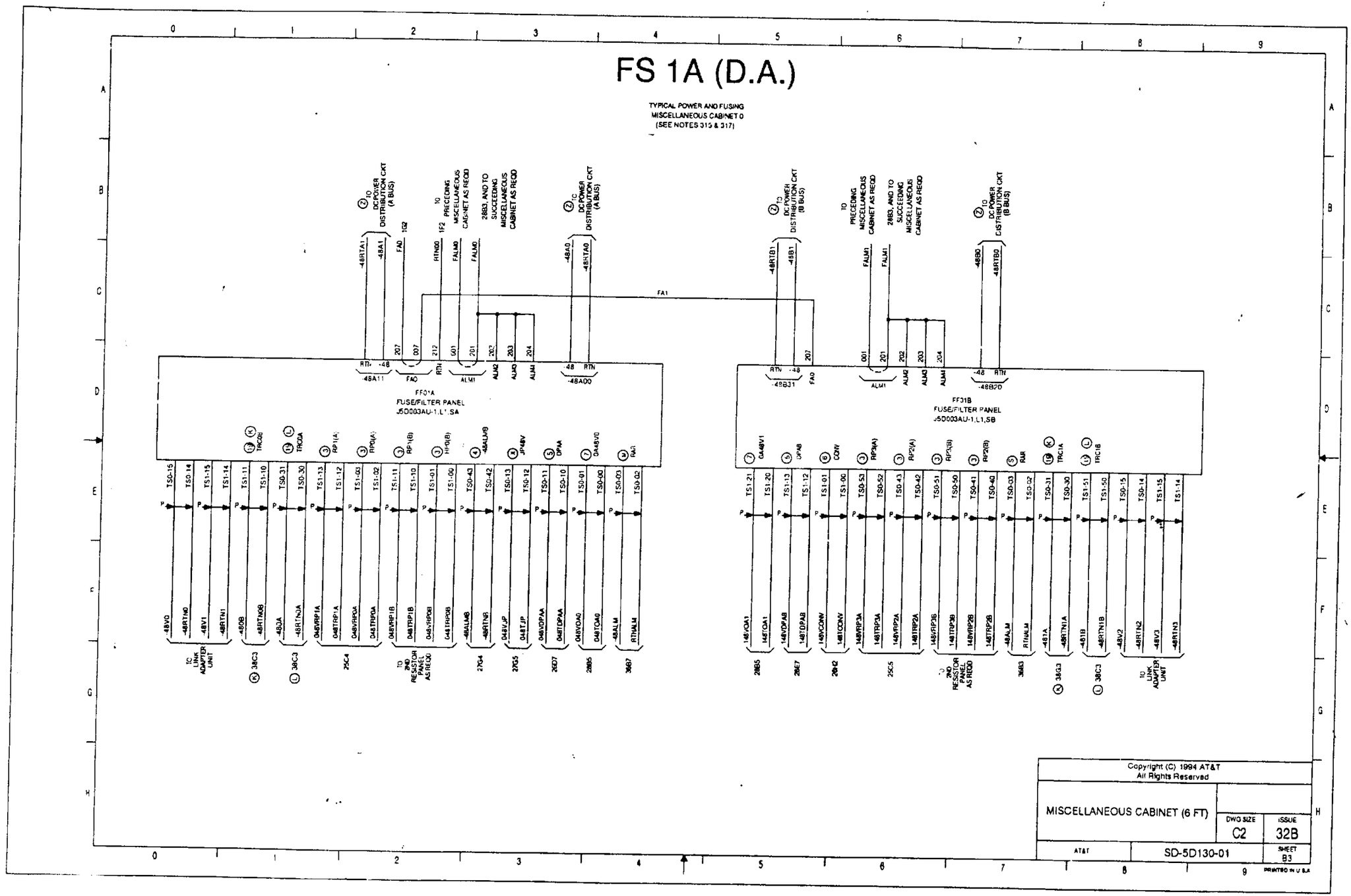
PART OF FS 1 (D.A)

POWER AND FUSING



MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T	SD-5D130-01	SHEET 82

PRINTED IN U.S.A.



FS 1A (D.A.)

TYPICAL POWER AND FUSING
MISCELLANEOUS CABINET 0
(SEE NOTES 315 & 317)

MISCELLANEOUS CABINET (6 FT)

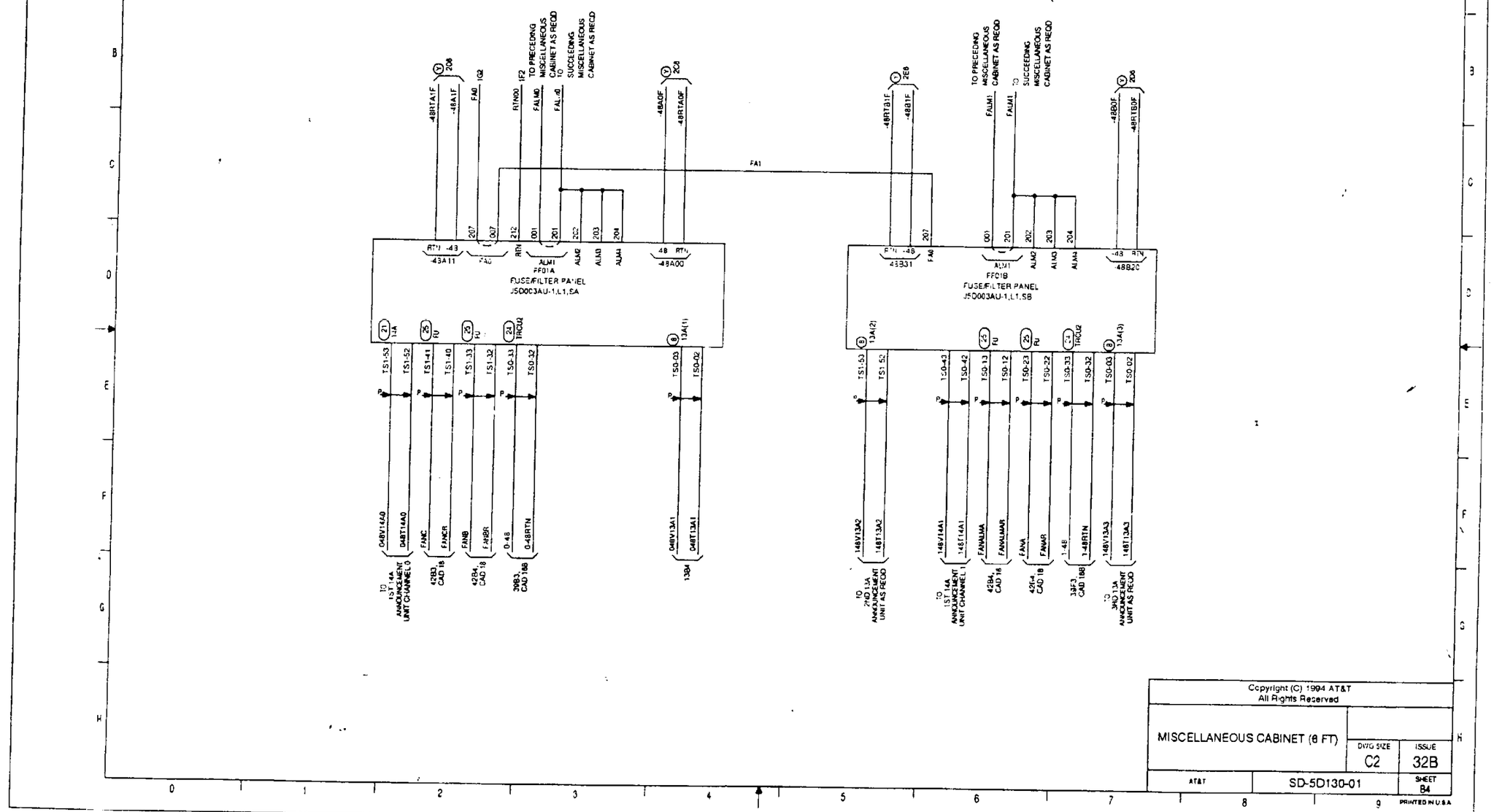
DWG SIZE C2
ISSUE 32B

AT&T
SD-5D130-01
SHEET B3

PRINTED IN U.S.A.

FS 1B (D.A.)

TYPICAL POWER AND FUSING
MISCELLANEOUS CABINET 1
(SEE NOTES 315 & 317)

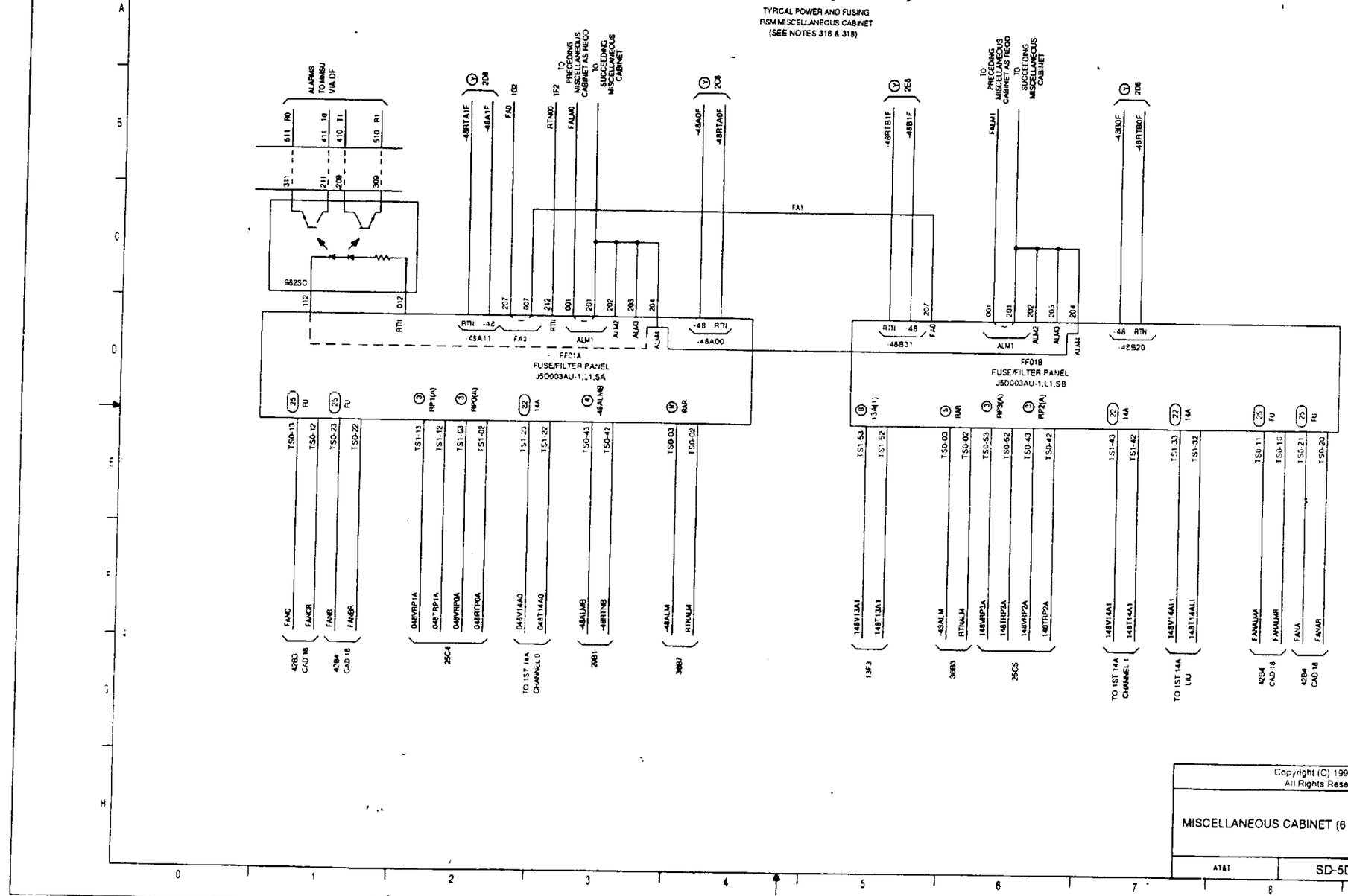


MISCELLANEOUS CABINET (8 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET B4

PRINTED IN U.S.A.

FS 1C (D.A.)

TYPICAL POWER AND FUSING
RSM MISCELLANEOUS CABINET
(SEE NOTES 316 & 318)



MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

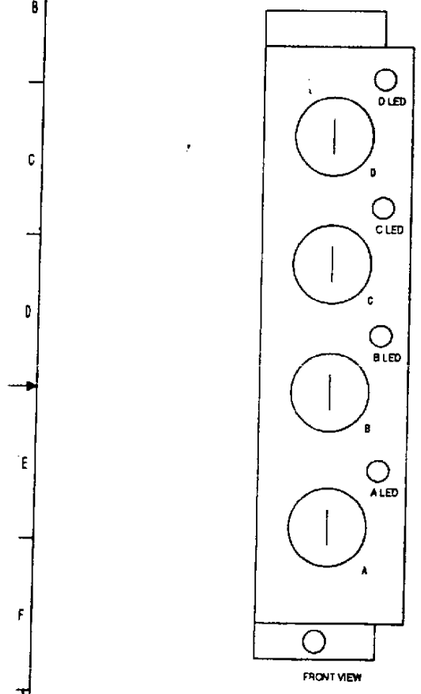
AT&T	SD-5D130-01	SHEET
		B5

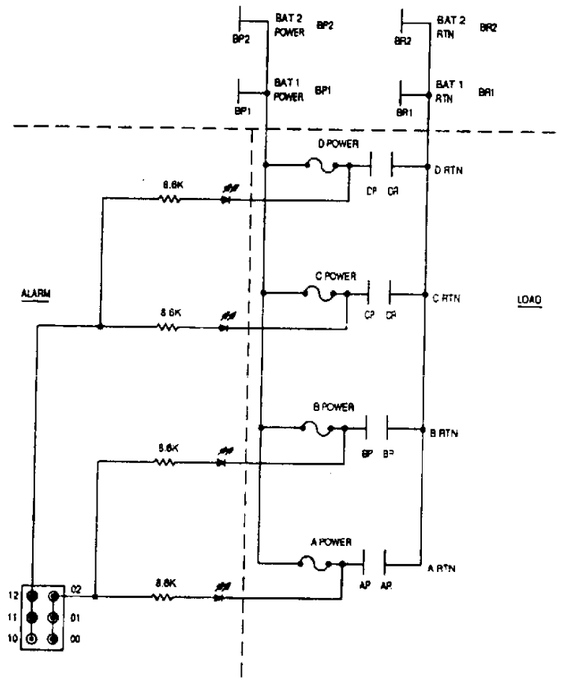
FS 1D

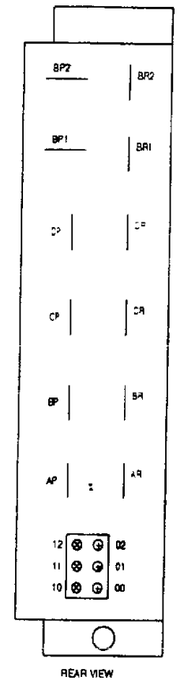
FUSE BLOCK 41A
CC#108371636

NOTE:

1. SEE NOTE 323 FOR FUSE FILTER UNIT J5D003FJL115 CONFIGURATION.







MISCELLANEOUS CABINET (6 FT)

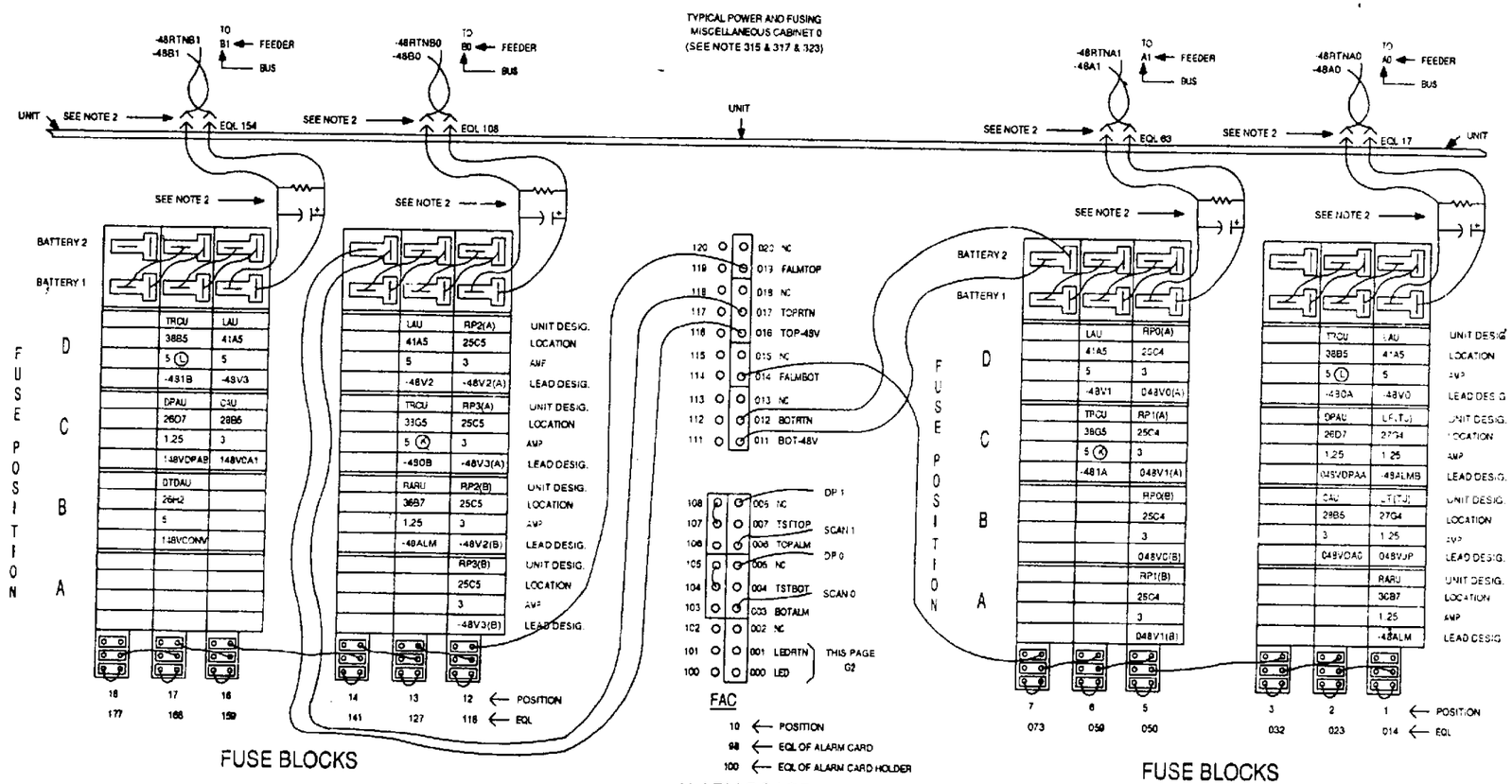
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B8

PRINTED IN U.S.A.

FS/CAD 1

TYPICAL POWER AND FUSING
MISCELLANEOUS CABINET 0
(SEE NOTE 315 & 317 & 323)



NOTE:

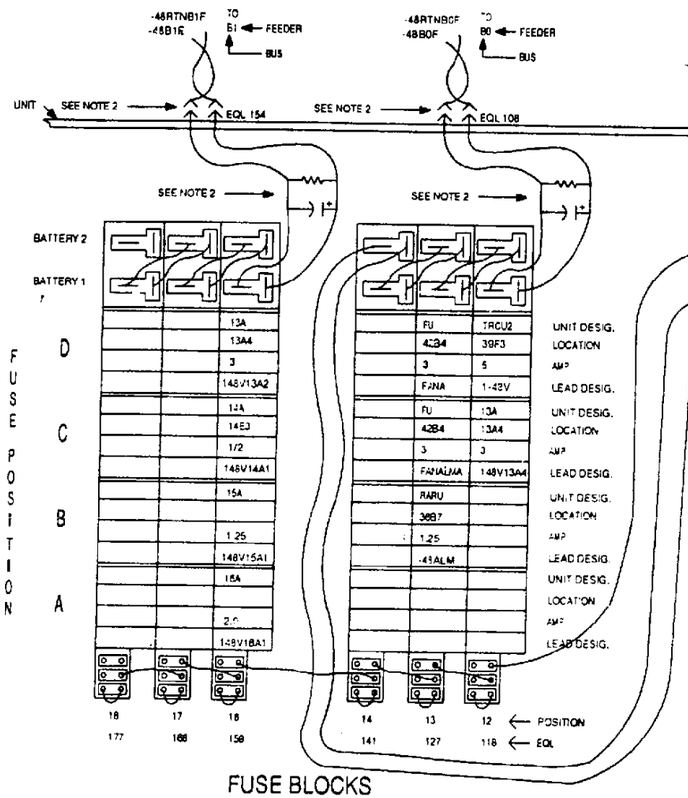
1. THIS IS THE CONFIGURATION OF THE MFFU FOR THE MISCELLANEOUS CABINETS. J50003FJ-1,L115
2. SEE DRAWING SD-5D190

MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET B7

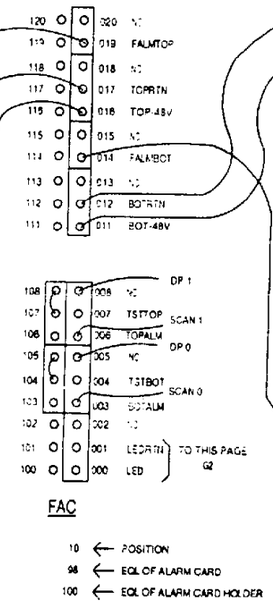
PRINTED IN U.S.A.

FS/CAD 2

TYPICAL POWER AND FUSING
MISCELLANEOUS CABINET 1
(SEE NOTE 315 & 317 & 323)



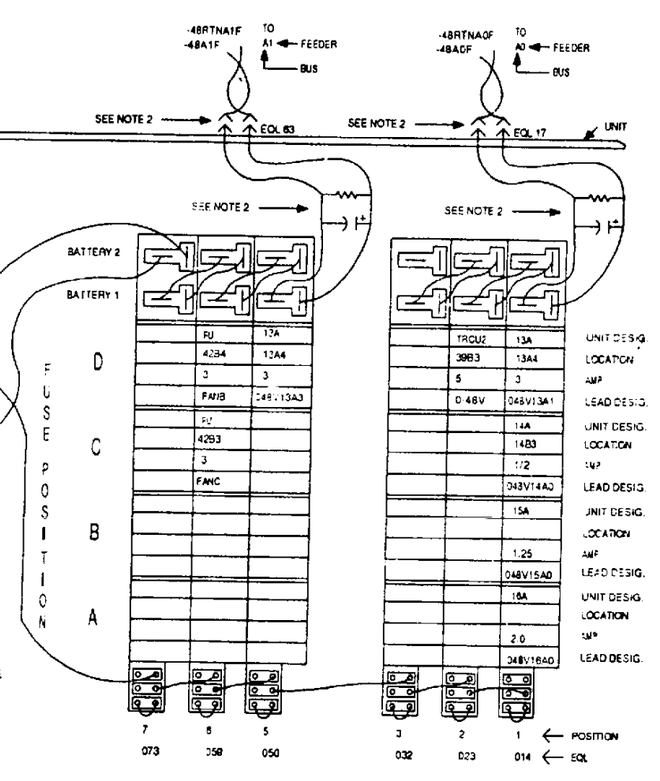
FUSE BLOCKS



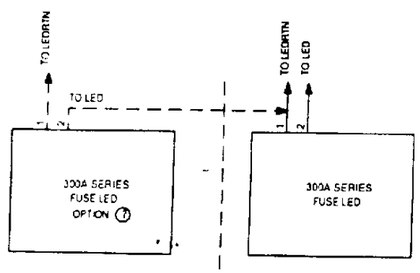
ALARM BOARD

REAR VIEW

FRONT 95 A B
REAR 100 B A BUS DESIGNATOR EQL



FUSE BLOCKS



NOTE:

1. THIS IS THE CONFIGURATION OF THE MFPU FOR THE MISCELLANEOUS CABINETS. J50003FJ-1,L115
2. SEE DRAWING SD-50190
3. FOR MAXIMUM POWER DRAIN PER FEED SEE SD5D005-01 D.C. POWER DISTRIBUTION.
4. FOR RECOMMENDED FUSE ASSIGNMENT FOR THE 14A SEE NOTE 103.

MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET B8

PRINTED IN U.S.A.

FS/CAD 3

TYPICAL POWER AND FUSING
MISCELLANEOUS CABINET RSM
(SEE NOTE 315 & 317 & 323)

NOTE:
SEE DRAWING SD-5D190

-48RTNB1F
-48B1F
TO B1 ← FEEDER
BUS

-48RTNB0F
-48B0F
TO B0 ← FEEDER
BUS

-48RTNA1F
-48A1F
TO A1 ← FEEDER
BUS

-48RTNA0F
-48A0F
TO A0 ← FEEDER
BUS

UNIT
SEE NOTE
EQL 154
EQL 106
EQL 83
EQL 17

BATTERY 2
BATTERY 1

FUSE POSITION

	13A	14A		
	13A3	15F3		
	3	1/2		
	148V13A1	148V14A1		
	15A	14A		
		15D7		
	1 1/4	1/2		
	148V15A1	148V14A0		
		16A		
		2		
		148V16A1		

	RP2(A)	FU	UNIT DESIG.
	25C5	42B4	LOCATION
	3	3	AMP
	-48V2(A)	FAN A	LEAD DESIG.
	RP3(A)	FU	UNIT DESIG.
	25C5	42B4	LOCATION
	3	3	AMP
	-48V3(A)	FANALMA	LEAD DESIG.
		RARU	UNIT DESIG.
		36B3	LOCATION
		1.25	AMP
		-48ALM	LEAD DESIG.
			UNIT DESIG.
			LOCATION
			AMP
			LEAD DESIG.

	14A	RP0(A)	
	15C3	25C4	
	1/2	3	
	148V14A0	043V2(A)	
	15A	RP1(A)	
		25C4	
	1 1/4	3	
	148V15A1	043V1(A)	

	RARU	FU	UNIT DESIG.
	36B7	42B3	LOCATION
	1.25	3	AMP
	-48ALM	FANB	LEAD DESIG.
	RARU	FU	UNIT DESIG.
	10B0	42B3	LOCATION
	1.25	3	AMP
	-48ALMB	FANC	LEAD DESIG.
		16A	UNIT DESIG.
			LOCATION
		2	AMP
		048V16A0	LEAD DESIG.
			UNIT DESIG.
			LOCATION
			AMP
			LEAD DESIG.

18 17 16 ← POSITION
177 168 159 ← EQL

14 13 12 ← POSITION
141 127 118 ← EQL

7 6 5 ← POSITION
073 059 050 ← EQL

3 2 1 ← POSITION
032 023 014 ← EQL

FUSE BLOCKS

FUSE BLOCKS

NC	120	020	NC
NC	119	019	FALMTOP
CATHODE 1	118	018	NC
NC	117	017	TOPRTN
NC	116	016	TOP-48V
CATHODE 0	115	015	NC
NC	114	014	FALMBOT
NC	113	013	NC
RTN	112	012	BOTRTN
NC	111	011	BOT-48V

NC	108	008	NC
NC	107	007	TSTTOP
NC	106	006	TOPALM
NC	105	005	NC
NC	104	004	TSTBOT
NC	103	003	BOTALM
COLLECTOR	102	002	NC
NC	101	001	LEDRTN
EMITTER	100	000	LED

ALARM OUTPUT

TO THIS PAGE 02

AOI FAC

EQL OF AOI CARD → 102
10 ← POSITION
98 ← EQL OF ALARM CARD
100 ← EQL OF ALARM CARD HOLDER

ALARM BOARD

REAR VIEW

FRONT 95 A:B
REAR 100 B:A
BUS DESIGNATOR EQL

TO LEDRTN
TO LED
TO LED
TO LEDRTN

300A SERIES FUSE LED OPTION (7)

300A SERIES FUSE LED

NOTE:
1. THIS IS THE CONFIGURATION OF THE MFFU FOR THE MISCELLANEOUS CABINETS. J5D003FJ-1,L115,L14
2. SEE DRAWING SD-5D190 OR SHEET B18.

MISCELLANEOUS CABINET (6 FT)		DWG SIZE	ISSUE
		C2	32B
AT&T	SD-5D130-01	SHEET	89

PRINTED IN U.S.A.

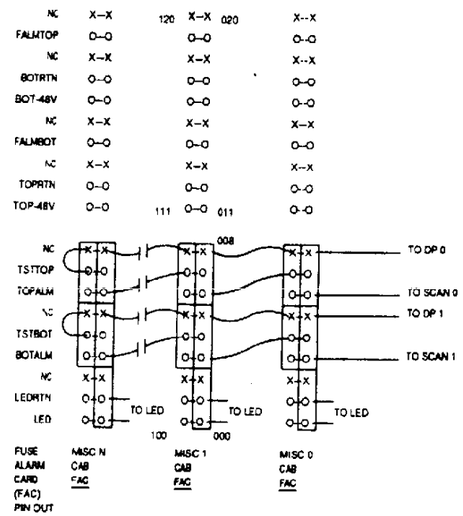
FS/CAD 4

TYPICAL ALARM WIRING FOR
MISCELLANEOUS CABINET TO MISCELLANEOUS CABINET
EXTERNAL

NOTES:

1. SEE SD5D190 FOR SCHEMATIC OF FUSE ALARM CARD (FAC) AND ALARM OPTO-ISOLATOR (AOI) CARD.
2. THE 000 AND 100 COLUMNS ARE COMMON. THE (DASH) REPRESENTS PRINTED WIRING ON BOARD
3. THE X SYMBOL HAS NO CIRCUIT CONNECTION
   THE O SYMBOL HAS A CIRCUIT CONNECTION.

CABINET TO CABINET TO SCAN, DP AND LED



MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T	SD-5D130-01	SHEET 810

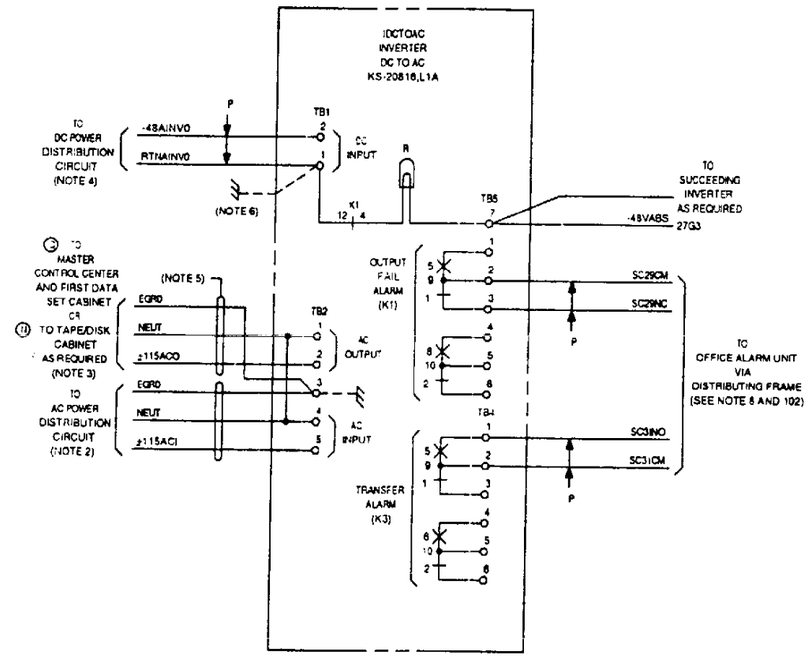
PRINTED IN U.S.A.

FS 2A DA

INVERTER CIRCUIT

Ⓒ PROTECTED AC TO MCC AND DATA SET CABINET

Ⓝ PROTECTED AC TO T/DC (NOTE 7)



NOTES:

1. THE KS-20816, L1A INVERTER IS REQUIRED TO PROVIDE EMERGENCY 120V AC SUPPLY. IT WILL BE MOUNTED IN THE FIRST MISCELLANEOUS CABINET IN AN OFFICE (SEE NOTE 315). IF GREATER CAPACITY IS REQUIRED ADDITIONAL INVERTERS MAY BE SPECIFIED. THE EMERGENCY AC IS REQUIRED FOR THE DATA SET CABINET AND TELETYPEWRITER EQUIPMENT LOCATED AT THE MASTER CONTROL CENTER CABINET (MCC).
2. THE NEUTRAL WIRES FROM EITHER 'PROTECTED' OR 'ESSENTIAL' AC FEEDER CABLES MUST NOT CONNECT TO ESS GROUND AT ANY POINT WITHIN THE SYSTEM.
3. THE WIRE SIZE FOR THE PROTECTED AC FEEDER WIRES ON THE OUTPUT OF THE KS-20816, L1A INVERTER MUST BE SIZED TO GIVE A MAXIMUM LOOP DROP OF 1 VOLT AT 10 AMPERES.
4. FEEDER WIRES SHALL BE 6 GAUGE IF 0 - 50 FEET. FEEDER WIRES SHALL BE 2 GAUGE IF 50 - 100 FEET.
5. 3 WIRE SERVICE CORD IS FURNISHED WITH THE DATA SET CABINET.
6. REMOVE STRAP FROM TB1 TERMINAL 1 TO FRAME GROUND BEFORE WIRING KS-20816, L1A INVERTER INTO FRAME
7. AN ADDITIONAL KS-20816, L1A INVERTER MAY BE SPECIFIED TO PROVIDE A PROTECTED AC SUPPLY (AS REQUIRED) FOR THE TAPE/DISK CABINET (T/DC).
8. SCANS 29 AND 31 ARE ASSIGNED TO THE FIRST INVERTER SUPPLYING PROTECTED AC TO THE MCC AND DATA SET CABINETS. SUCCEEDING INVERTERS REQUIRING SCAN POINTS SHALL BE ASSIGNED ON A JOB BASIS.

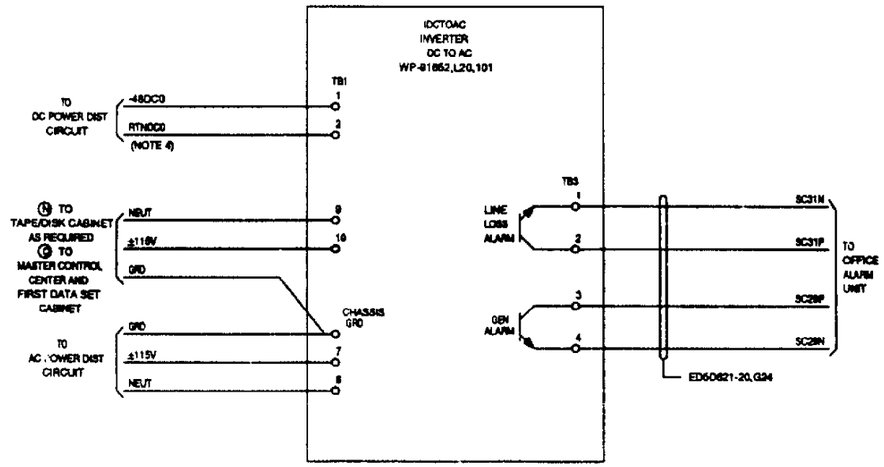
MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B11

FS 2B

1KVA INVERTER CIRCUIT
(C) PROTECTED AC TO MCC AND DATA SET CABINET
(N) PROTECTED AC TO T/DC (NOTE 7)



NOTES:

1. THE WP-81852,L20 INVERTER IS REQUIRED TO PROVIDE EMERGENCY 120V AC SUPPLY. IT WILL BE MOUNTED IN THE FIRST MISCELLANEOUS CABINET IN AN OFFICE (SEE NOTE 315). IF GREATER CAPACITY IS REQUIRED ADDITIONAL INVERTERS MAY BE SPECIFIED. THE EMERGENCY AC IS REQUIRED FOR THE DATA SET CABINET AND TELETYPEWRITER EQUIPMENT LOCATED AT THE MASTER CONTROL CENTER CABINET (MCC).

2. THE NEUTRAL WIRES FROM EITHER 'PROTECTED' OR 'ESSENTIAL' AC FEEDER CABLES MUST NOT CONNECT TO ESS GROUND AT ANY POINT WITHIN THE SYSTEM.

3. THE WIRE SIZE FOR THE PROTECTED AC FEEDER WIRES ON THE OUTPUT OF THE KS-22516,L1A INVERTER MUST BE SIZED TO GIVE A MAXIMUM LOOP DROP OF 1 VOLT AT 10 AMPERES.

4. FEEDER WIRES SHALL BE 6 GAUGE IF 0-50 FEET. FEEDER WIRES SHALL BE 2 GAUGE IF 50-100 FEET.

5. 3 WIRE SERVICE CORD IS FURNISHED WITH THE DATA SET CABINET.

6. REMOVE STRAP FROM TBR TERMINAL 1 TO FRAME GROUND BEFORE WIRING WP-81852,L20 INVERTER INTO FRAME.

7. AN ADDITIONAL WP-81852,L20 INVERTER MAY BE SPECIFIED TO PROVIDE A PROTECTED AC SUPPLY (AS REQUIRED) FOR THE TAPE/DISK CABINET 1T/DC1.

8. SCANS 29 AND 31 ARE ASSIGNED TO THE FIRST INVERTER SUPPLYING PROTECTED AC TO THE MCC AND DATA SET CABINETS. SUCCEEDING INVERTERS REQUIRING SCAN POINTS SHALL BE ASSIGNED ON A JOB BASIS.

MISCELLANEOUS CABINET (6 FT)

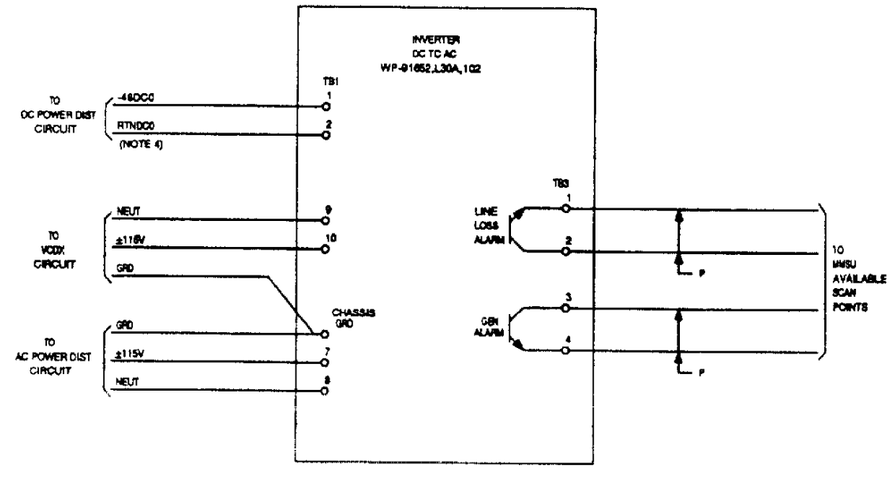
DWG SIZE	ISSUE
C2	33B

AT&T	SD-5D130-01	SHEET
		B12

PRINTED IN U.S.A.

FS 2C

2KVA INVERTER CIRCUIT



NOTES:

1. THE WP-91652,L30A INVERTER IS REQUIRED TO PROVIDE EMERGENCY 120V AC SUPPLY. IT WILL BE MOUNTED IN THE FIRST MISCELLANEOUS CABINET IN AN OFFICE (SEE NOTE 3/5). IF GREATER CAPACITY IS REQUIRED ADDITIONAL INVERTERS MAY BE SPECIFIED. THE EMERGENCY AC IS REQUIRED FOR VCOX APPLICATIONS.

2. THE NEUTRAL WIRES FROM EITHER 'PROTECTED' OR 'ESSENTIAL' AC FEEDER CABLES MUST NOT CONNECT TO ESS GROUND AT ANY POINT WITHIN THE SYSTEM.

3. THE WIRE SIZE FOR THE PROTECTED AC FEEDER WIRES ON THE OUTPUT OF THE KS-22516,L1A INVERTER MUST BE SIZED TO GIVE A MAXIMUM LOOP DROP OF 1 VOLT AT 10 AMPERES.

4. FEEDER WIRES SHALL BE 6 GAUGE IF 0-50 FEET. FEEDER WIRES SHALL BE 2 GAUGE IF 50-100 FEET.

5. 3 WIRE SERVICE CORD IS FURNISHED WITH THE VCOX EQUIPMENT.

6. REMOVE STRAP FROM TBR TERMINAL 1 TO FRAME GROUND BEFORE WIRING WP-91652,L30A INVERTER INTO FRAME.

7. SCAN POINTS SHALL BE ASSIGNED ON A JOB BASIS.

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	33B

AT&T	SD-5D130-01	SHEET
		B12A

FS 3

13A ANNOUNCEMENT SYSTEM

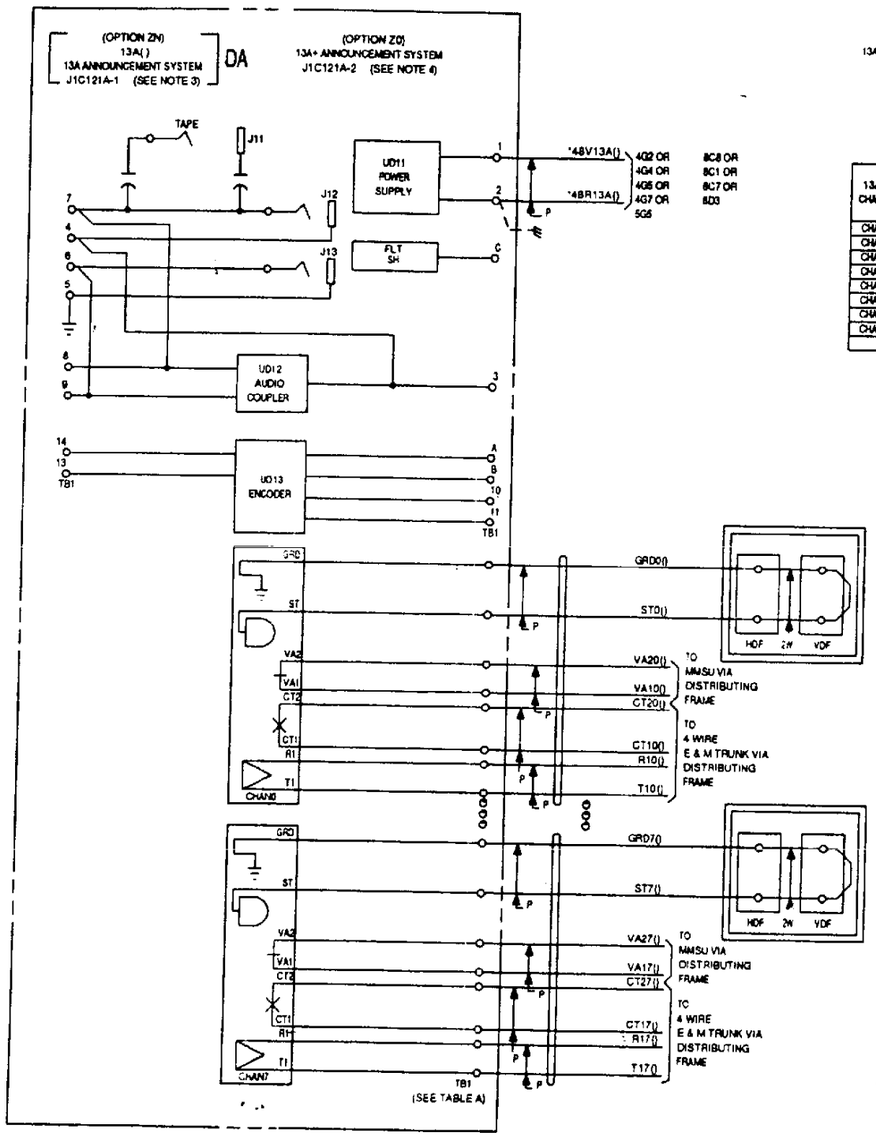


TABLE A

13A( ) CHANNEL	13( ) CHANNEL DESIG/TERM.							
	T1	R1	CT1	CT2	VA1	VA2	ST	GRD
CHAN0	16	15	20	19	18	21	28	17
CHAN1	30	29	34	33	32	35	42	31
CHAN2	44	43	48	47	46	49	56	45
CHAN3	58	57	62	61	60	63	70	59
CHAN4	72	71	76	75	74	77	84	73
CHAN5	86	85	90	89	88	91	98	87
CHAN6	100	99	104	103	102	105	112	101
CHAN7	114	113	118	117	116	119	126	115

NOTES:

1. SEE NOTES 315 AND 316 FOR REQUIREMENTS WHEN MOUNTING 13A ANNOUNCEMENT SYSTEM(S) IN A MISCELLANEOUS CABINET.
2. 13A ANNOUNCEMENT SYSTEM DESIGNATIONS ARE AS FOLLOWS:

CHANNELS

ST 0 ( )
- 13A ANNOUNCEMENT SYSTEM NUMBER
- CHANNEL (0-7)
- FUNCTION

POWER SUPPLY

* 48V 13A( )
- 13A ANNOUNCEMENT SYSTEM DESIGNATIONS ( ) INDICATES SYSTEM NUMBER.
- POTENTIAL (-48V OR -48T (RTN))
- POWER BUS (0 OR 1) (SEE FS 1 FOR TYPICAL ASSIGNMENT).

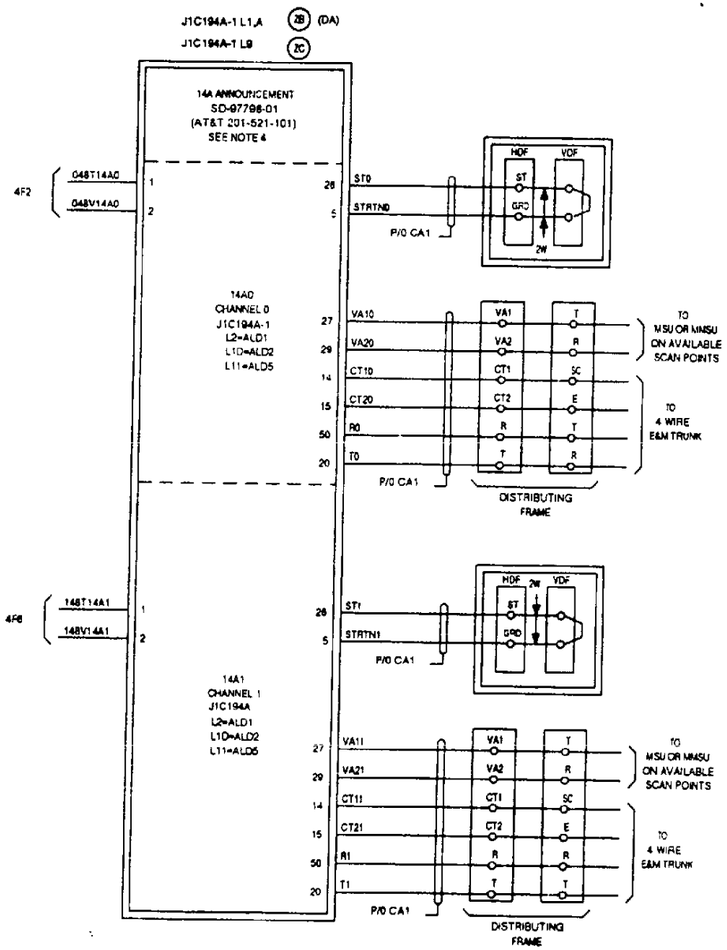
3. SEE SD97753-01/J1C121A TO SELECT CIRCUIT PACK DESIRED. UD4, UD6, UD7, UD8
4. SEE SD97813-01/J1C121A-2 TO SELECT CIRCUIT PACKS DESIRED. UD11-UD17.

MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET B13

PRINTED IN U.S.A.

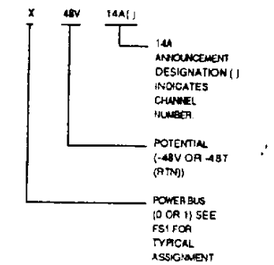
FS 3A

14A ANNOUNCEMENT
(HOST OFFICE ARRANGEMENT)



NOTES:

1. 14A CAN BE USED IN PLACE OF A 13A OR IN CONJUNCTION WITH A 13A.
2. FOR MOUNTING INFORMATION, SEE NOTES 315 & 316.
3. 14A ANNOUNCEMENT SYSTEM DESIGNATIONS ARE AS FOLLOWS:

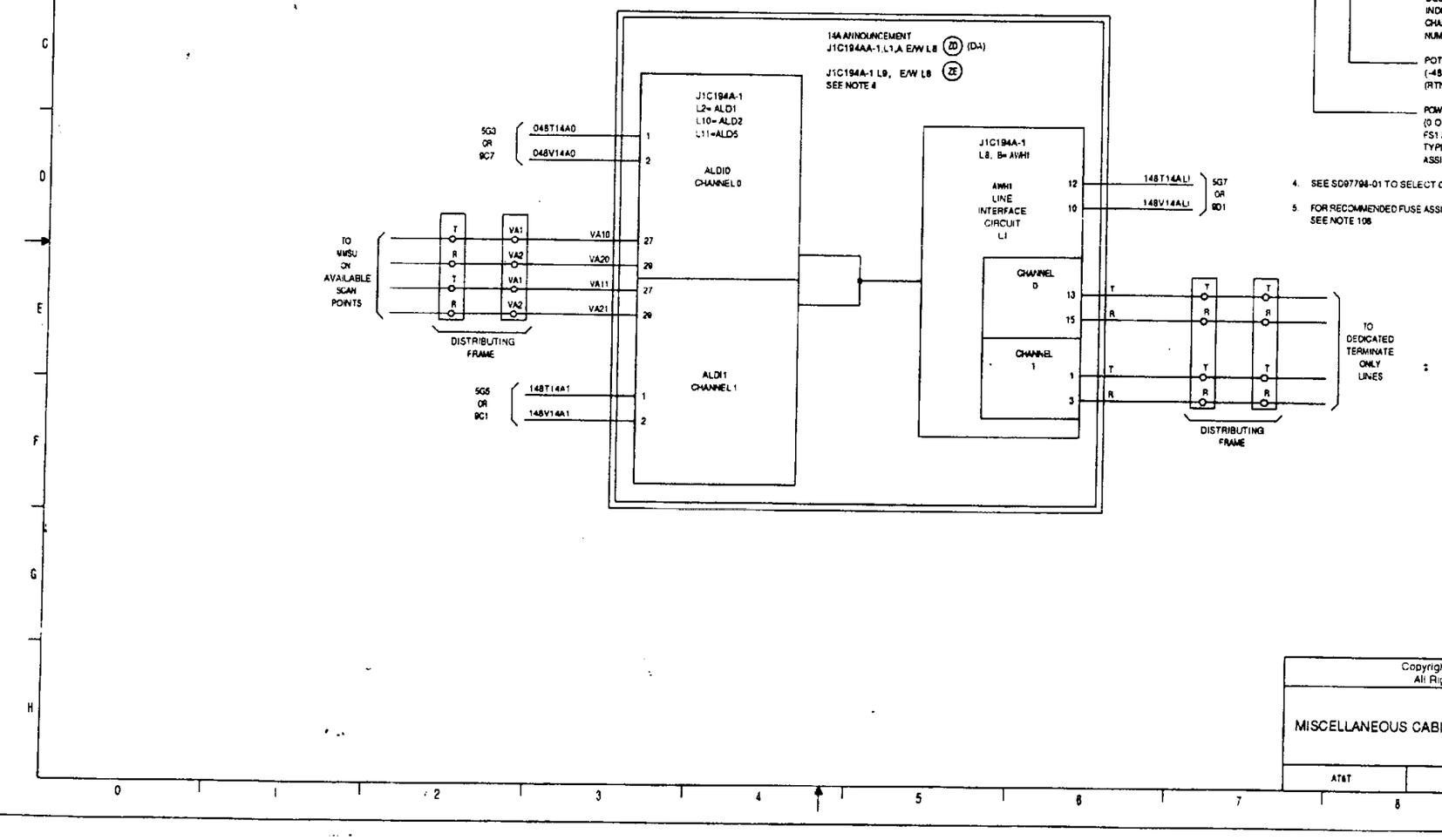


4. SEE SD97798-01 TO SELECT CIRCUIT PACK DESIRED. ALD1,ALD2,ALD5
5. FOR RECOMMENDED FUSE ASSIGNMENT FOR THE 14A SEE NOTE 108.

MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T	SD-5D130-01	SHEET B14

FS 3B

TYPICAL ARRANGEMENT FOR MISCELLANEOUS CABINET
TO SUPPLY 14A ANNOUNCEMENT UNIT TO RSM



NOTES:

1. 14A CAN BE USED IN PLACE OF A 13A OR IN CONJUNCTION WITH A 13A.
2. FOR MOUNTING INFORMATION, SEE NOTES 315 & 316.
3. 14A ANNOUNCEMENT SYSTEM DESIGNATIONS ARE AS FOLLOWS:

POWER SUPPLY

X 48V 14A( )

- 14A ANNOUNCEMENT DESIGNATION ( ) INDICATES CHANNEL NUMBER
- POTENTIAL (-48V OR -48T (RTN))
- POWER BUS (0 OR 1) SEE FS1 FOR TYPICAL ASSIGNMENT

4. SEE SD97798-01 TO SELECT CIRCUIT PACKS DESIRED
5. FOR RECOMMENDED FUSE ASSIGNMENT FOR THE 14A SEE NOTE 106

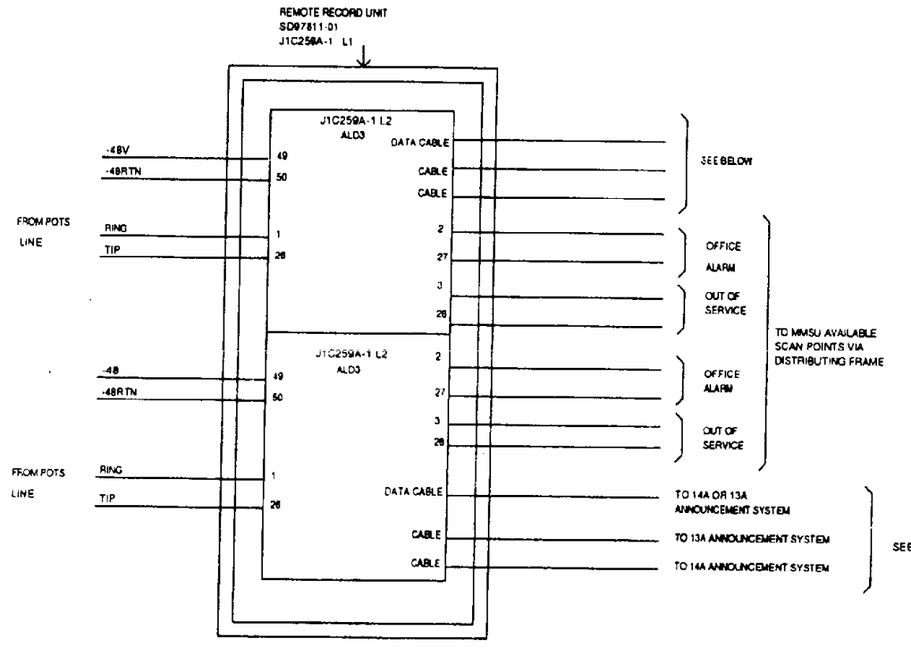
MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T	SD-5D130-01	SHEET B15

PRINTED IN U.S.A.

FS 3C

REMOTE RECORD UNIT
13A OR 14A ANNOUNCEMENT SYSTEM

1. THE REMOTE RECORD UNIT J1C259A-1 CAN BE USED WITH 13A AND OR 14A ANNOUNCEMENT UNITS.
2. 2 ALD3 CIRCUIT PACKS CAN BE HOUSED IN A UNIT AND EACH PACK CAN ACCESS UP TO EIGHT CHANNELS OF A 13A OR 14A ANNOUNCEMENT SYSTEM.
3. FOR MOUNTING INFORMATION SEE NOTE 315 & 316.
4. 16 14A RECORDED ANNOUNCEMENT UNITS CAN BE MOUNTED IN ONE CABINET WITH TWO REMOTE RECORD UNITS MAX. ONE INCH SPACE BETWEEN UNITS.

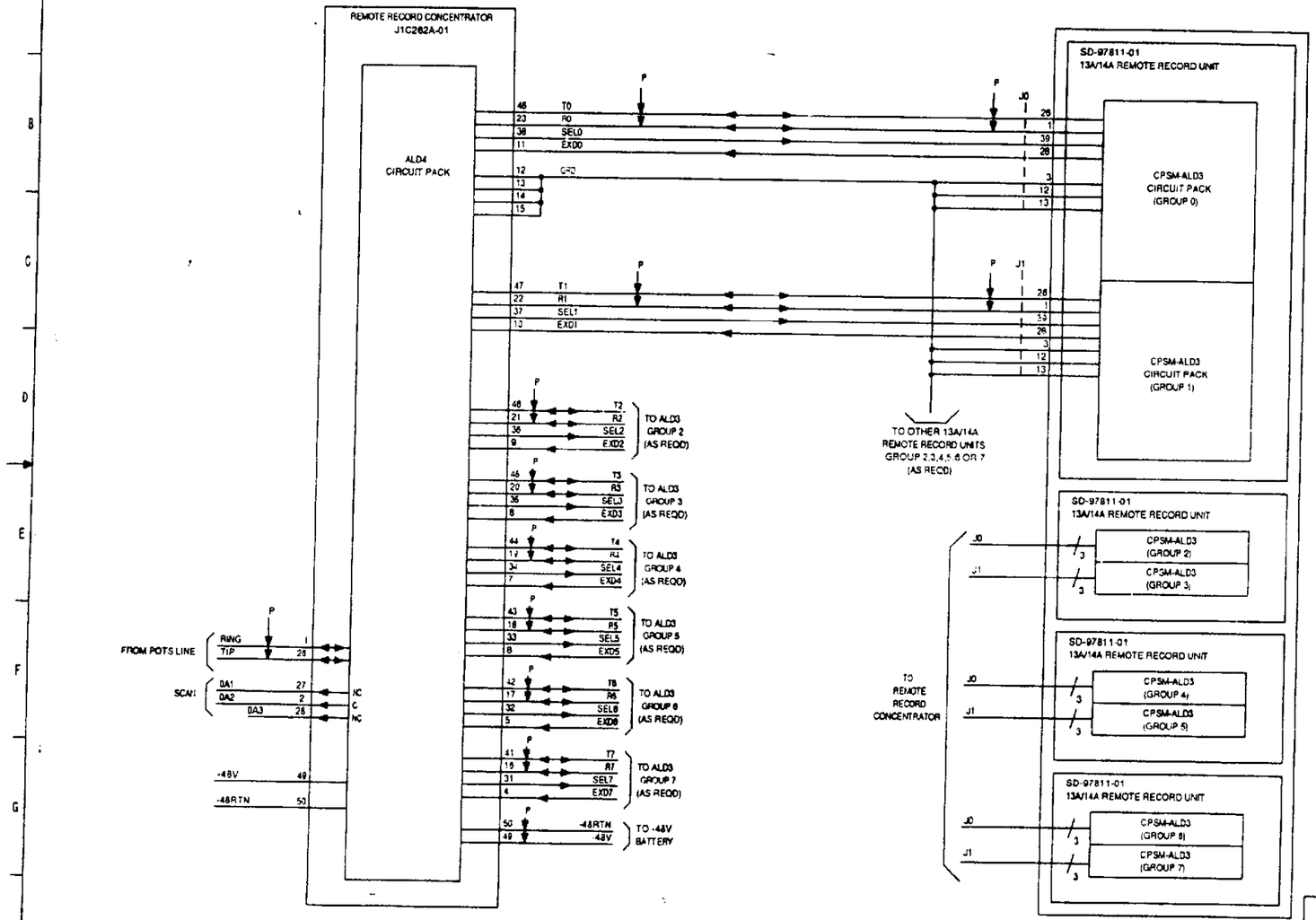


MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T	SD-5D130-01	SHEET B16

PRINTED IN U.S.A.

FS 3D

REMOTE RECORD CONCENTRATOR



NOTES:

1. THIS FS SHOWS CONNECTIONS NECESSARY FOR REMOTE RECORD CONCENTRATOR INTERFACE WITH 13A/14A REMOTE RECORD UNIT. FOR COMPLETE 13A/14A REMOTE RECORD UNIT FUNCTIONS SEE SD-97811-01.
2. UP TO TWO ALD4 CIRCUIT PACKS MAY BE MOUNTED IN ONE J1C262A-1 FRAME. THIS IN TURN WILL INTERFACE WITH UP TO 8 (2 CHANNELS EACH) 13A/14A REMOTE RECORD UNITS, AS REQUIRED SEE SD97812-01 REMOTE RECORD CONCENTRATOR.
3. FOR CONNECTIONS FROM REMOTE RECORD CONCENTRATOR INTERFACE TO THE 15A (400A) SEE CAD 26, FS 3E AND SD-97815-01 COMMON SYSTEM 15A ANNOUNCEMENT SYSTEM CIRCUIT.

MISCELLANEOUS CABINET (6 FT)

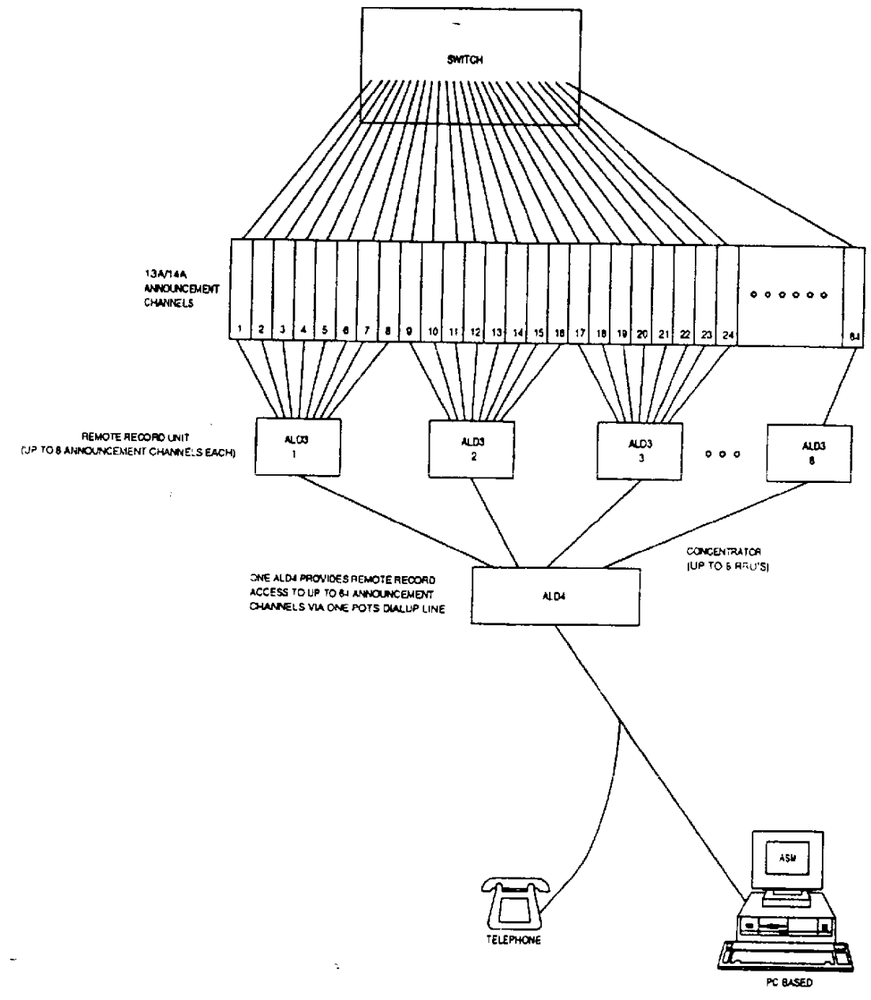
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B17

PRINTED IN U.S.A.

FS 3E

ANNOUNCEMENT SYSTEMS ARCHITECTURE



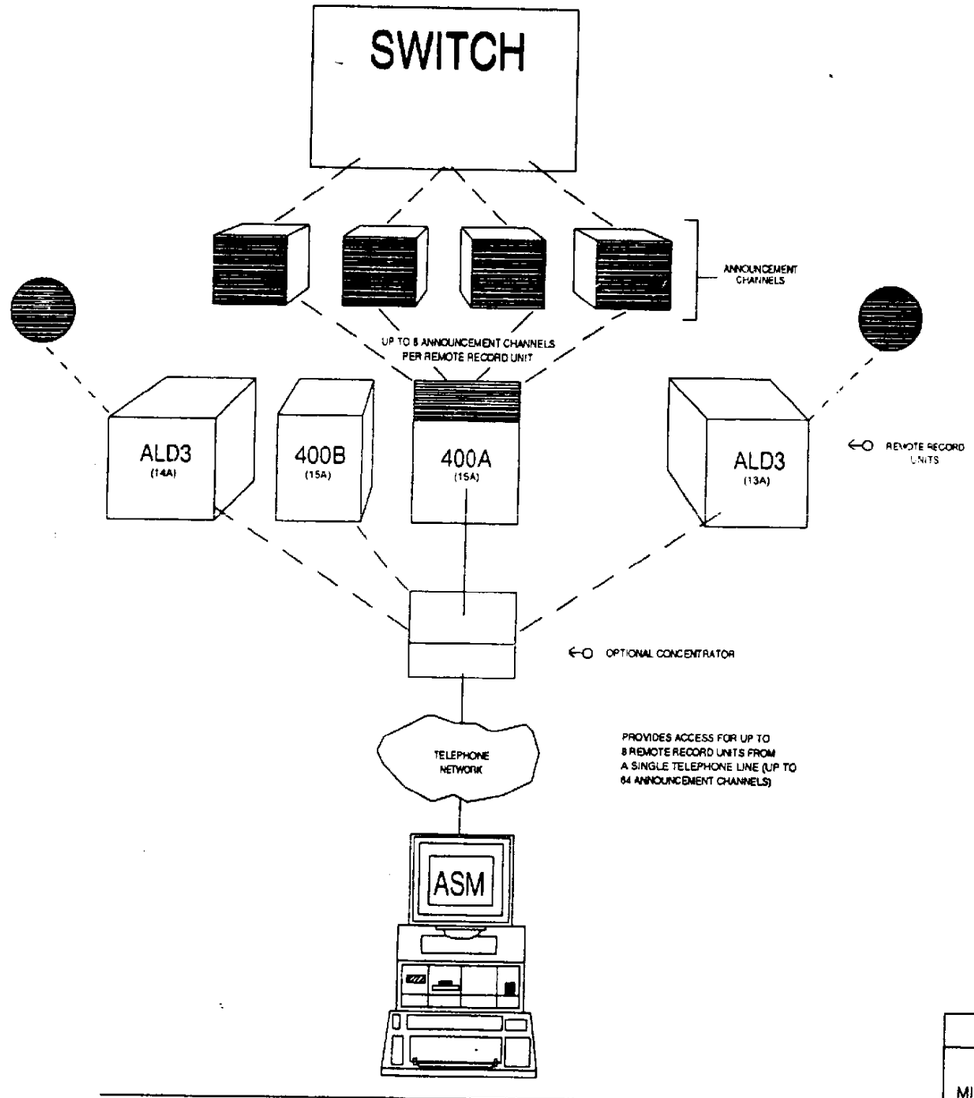
MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B18

PRINTED IN U.S.A.

PART OF FS 3E



PROVIDES ACCESS FOR UP TO 8 REMOTE RECORD UNITS FROM A SINGLE TELEPHONE LINE (UP TO 64 ANNOUNCEMENT CHANNELS)

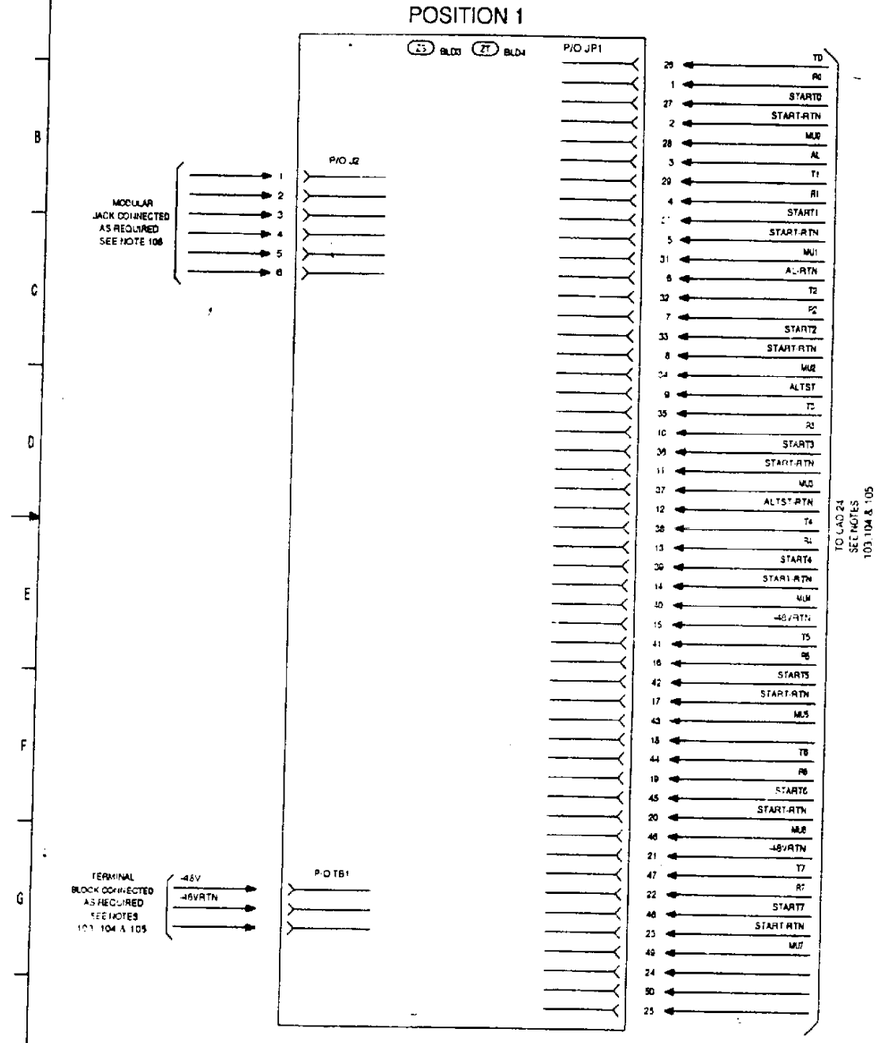
ASM/RRU ARCHITECTURE

MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET B19

PRINTED IN U.S.A.

FS 3F/CAD

15A ANNOUNCEMENT SYSTEM



NOTES:

1. 50 PIN CONNECTOR (KS-16689,L18 TYPE) STANDARD 25 PAIR COMMUNICATION CABLE.
2. SEE SD-97815-01 COMMON SYSTEM 15A ANNOUNCEMENT SYSTEM CIRCUIT FOR ADDITIONAL INFORMATION.

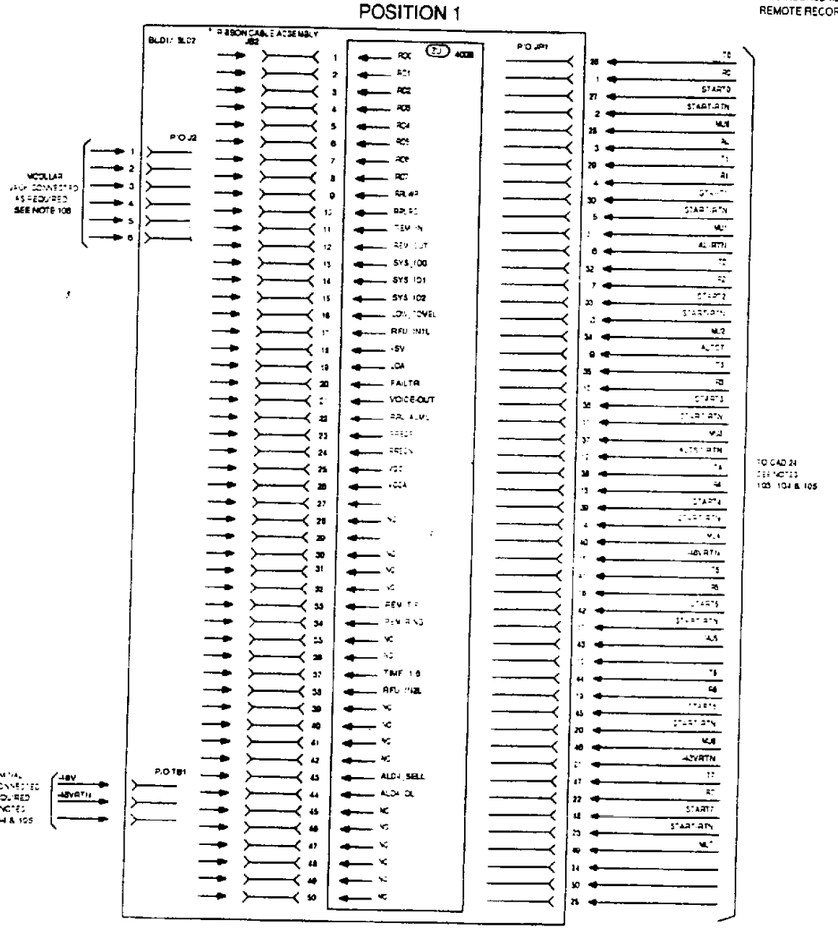
MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET B20

PRINTED IN U.S.A.

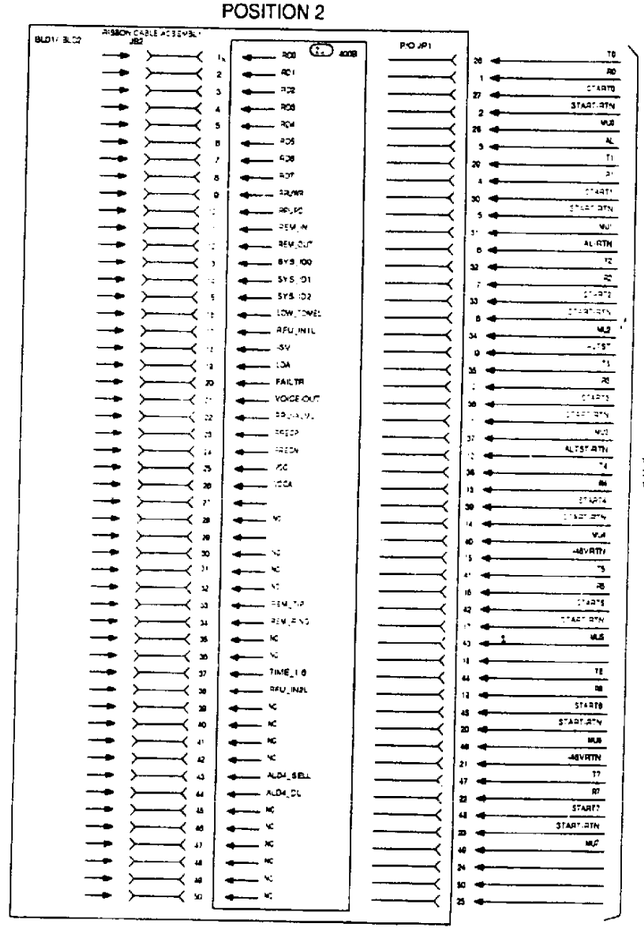
FS 3G/CAD

15A ANNOUNCEMENT SYSTEM E/W
REMOTE RECORD UNIT (400A)

POSITION 1



POSITION 2



NOTES

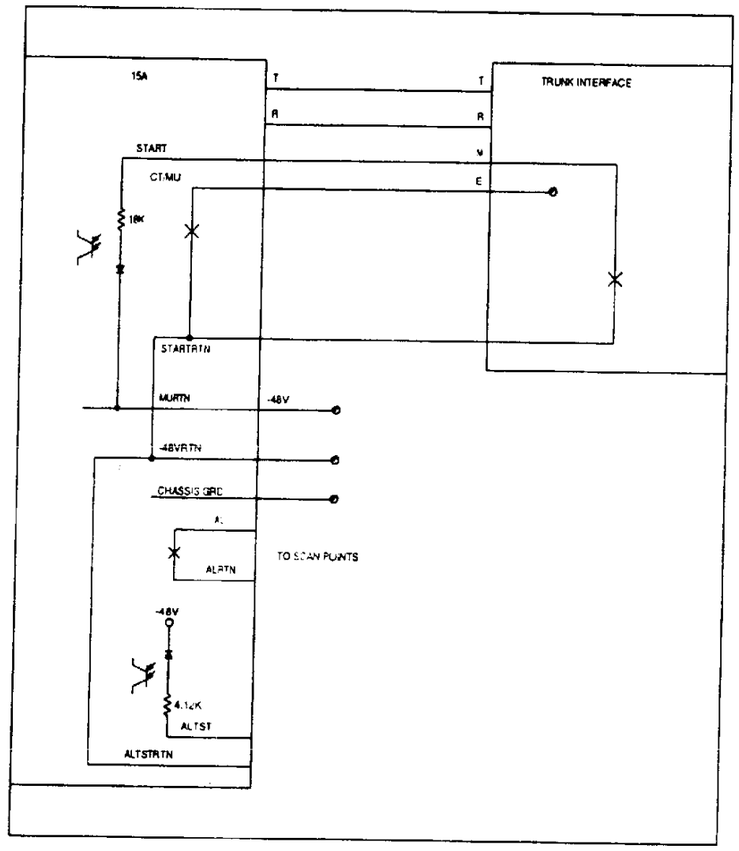
1. 50 PIN CONNECTOR (KS-16689,L18 TYPE) STANDARD 25 PAIR COMMUNICATION CABLE
2. SEE SD-97015-01 COMMON SYSTEM 15A ANNOUNCEMENT SYSTEM CIRCUIT FOR ADDITIONAL INFORMATION

MISCELLANEOUS CABINET (6 FT)		DWG SIZE	ISSUE
		C2	32B
AT&T	SD-5D130-01		SHEET B21

PRINTED IN U.S.A.

FS 3H

INTERFACE CIRCUIT



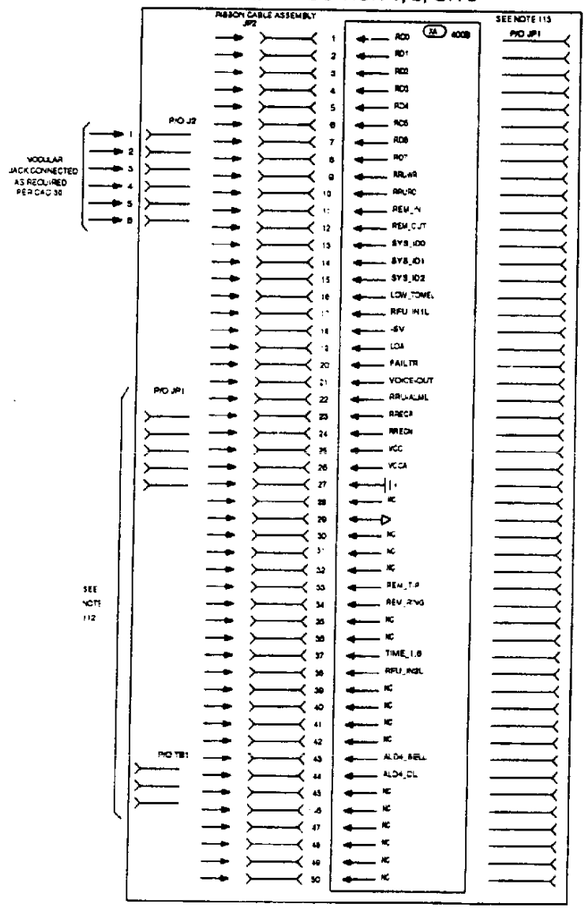
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET B22	

PRINTED IN U.S.A.

FS 3K/CAD

16A ANNOUNCEMENT SYSTEM
DIGITAL SERVICE

POSITION 1, 2, OR 3



MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET 823

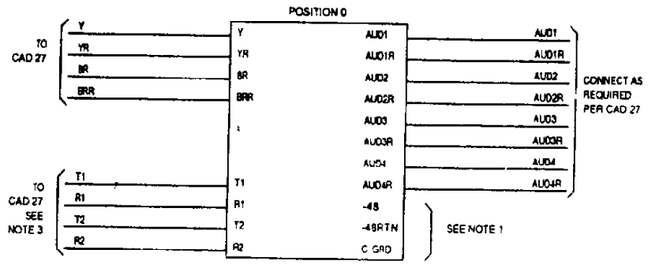
PRINTED IN U.S.A.

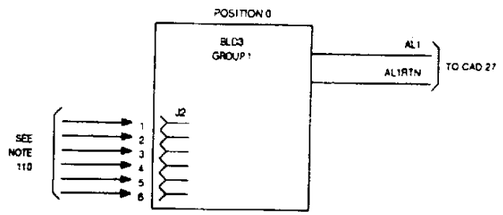
FS 3J/CAD

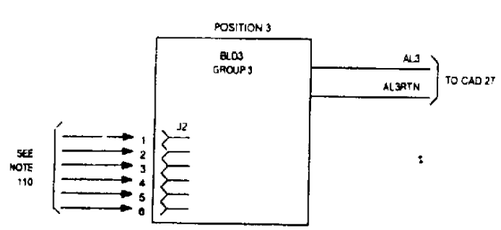
16A ANNOUNCEMENT SYSTEM
DIGITAL SERVICE

NOTES:

1. POWER TO SYSTEM PROVIDED THROUGH TERMINAL BLOCK CONNECTED PER CAD 20. (SEE NOTE 109)
2. SEE SD-97816-01 COMMON SYSTEM 16A ANNOUNCEMENT SYSTEM CIRCUIT FOR ADDITIONAL INFORMATION.
3. IN ORDER TO MEET THE REQUIREMENTS OF PART 13 OF THE C RELES. A COMMON MODE CHOKE MUST BE APPLIED AT THE T1 INPUT TO THE UNIT. A SPLIT CORE, SNAP-ON, FERRITE BEAD (ESD-SR-13) IS SHIPPED WITH THE UNIT AND MUST BE INSTALLED. THE CORE MUST ENCLOSE ONE TURN OF THE FOUR T1 INPUT LEADS AND SHOULD BE INSTALLED NO MORE THAN 5 INCHES AWAY FROM THE WIRE WRAPPED PINS ON THE 16A BACKPLANE.







MISCELLANEOUS CABINET (6 FT)		DWG SIZE	ISSUE
		C2	32B
AT&T	SD-5D130-01		SHEET B24

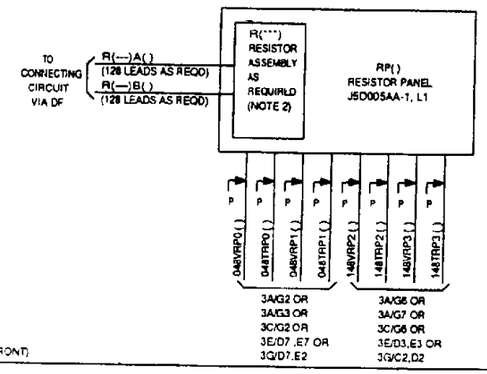
PRINTED IN U.S.A

FS 4

RESISTOR PANEL

TABLE A - POWER AND GROUND

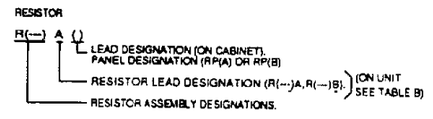
BUS	FUSE DESIG	LEAD DESIG (ON CABINET)	RESISTOR PANEL LUG	
			DESIG	TERMINAL
0	RP0( )	048VRP0( )	-48V0	02-017-0B0
		048TRP0( )	-48RTN0	02-012-0B0
	RP1( )	048VRP1( )	-48V1	02-062-0B0
		048TRP1( )	-48RTN1	02-057-0B0
1	RP2( )	148VRP2( )	-48V2	02-107-0B0
		148TRP2( )	-48RTN2	02-102-0B0
	RP3( )	148VRP3( )	-48V3	02-152-0B0
		148TRP3( )	-48RTN3	02-147-0B0



NOTES:

1. SEE NOTES 315 AND 316 FOR REQUIREMENTS WHEN MOUNTING RESISTOR PANELS IN A MISCELLANEOUS CABINET.
2. RESISTOR ASSEMBLIES ARE EQUIPPED AS REQUIRED BY EACH INDIVIDUAL OFFICE PER J5D005AA-1 (SD-5D044-01).
3. RESISTOR PANEL DESIGNATIONS ARE AS FOLLOWS:

RESISTOR



POWER

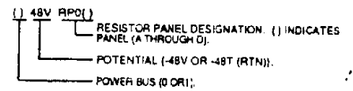


TABLE B - RESISTOR PANEL LAYOUT (FRONT)

CONN. TERM. NO.	RESISTOR LEAD DESIG R(---)(A,B)(ON UNIT)																																CONN. TERM. NO.
	008	013	018	023	028	033	038	043	053	058	063	068	073	078	083	088	098	103	108	113	118	123	128	133	143	148	153	158	163	168	173	178	
024	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	024
023																																	023
022	003B	007B	011B	015B	019B	023B	027B	031B	035B	039B	043B	047B	051B	055B	059B	063B	067B	071B	075B	079B	083B	087B	091B	095B	099B	103B	107B	111B	115B	119B	123C	127B	022
021	003A	007A	011A	015A	019A	023A	027A	031A	035A	039A	043A	047A	051A	055A	059A	063A	067A	071A	075A	079A	383A	087A	091A	095A	099A	103A	107A	111A	115A	119A	123A	127A	021
020																																	020
019	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	019
018	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	018
017																																	017
016	002B	006B	010B	014B	018B	022B	026B	030B	034B	038B	042B	046B	050B	054B	058B	062B	066B	070B	074B	078B	082B	086B	090B	094B	098B	102B	106B	110B	114B	118B	122B	126B	016
015	002A	006A	010A	014A	018A	022A	026A	030A	034A	038A	042A	046A	050A	054A	058A	062A	066A	070A	074A	078A	082A	386A	090A	094A	098A	102A	106A	110A	114A	118A	122A	126A	015
014																																	014
013	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	013
012	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	012
011																																	011
010	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	010
009	001B	005B	009B	013B	017B	021B	025B	029B	033B	037B	041B	045B	049B	053B	057B	061B	065B	069B	073B	077B	081B	085B	089B	093B	097B	101B	105B	109B	113B	117B	121B	125B	009
008	001A	005A	009A	013A	017A	021A	025A	029A	033A	037A	041A	045A	049A	053A	057A	061A	065A	069A	073A	077A	081A	085A	089A	093A	097A	101A	105A	109A	113A	117A	121A	125A	008
007																																	007
006	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	006
005	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	005
004																																	004
003	000B	004B	008B	012B	016B	020B	024B	028B	032B	036B	040B	044B	048B	052B	056B	060B	064B	068B	072B	076B	080B	084B	088B	092B	096B	100B	104B	108B	112B	116B	120B	124B	003
002	000A	004A	008A	012A	016A	020A	024A	028A	032A	036A	040A	044A	048A	052A	056A	060A	064A	068A	072A	076A	080A	084A	088A	092A	096A	100A	104A	108A	112A	116A	120A	124A	002
001																																	001
000	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	000

RESISTOR ASSEMBLY

RESISTOR ASSEMBLY

RESISTOR ASSEMBLY

RESISTOR ASSEMBLY

-48V0/-48RTN0 -48V1/-48RTN1 -48V2/-48RTN2 -48V3/-48RTN3

0 POWER BUS 1 POWER BUS

LEGEND:
ALL BLANK SPACES IN TABLE B ARE NO CONNECTS.
BACKPLANE GROUND PLANES (-48 RTN)
XXXX BACKPLANE POWER PLANES (-48V)

MISCELLANEOUS CABINET (6 FT)

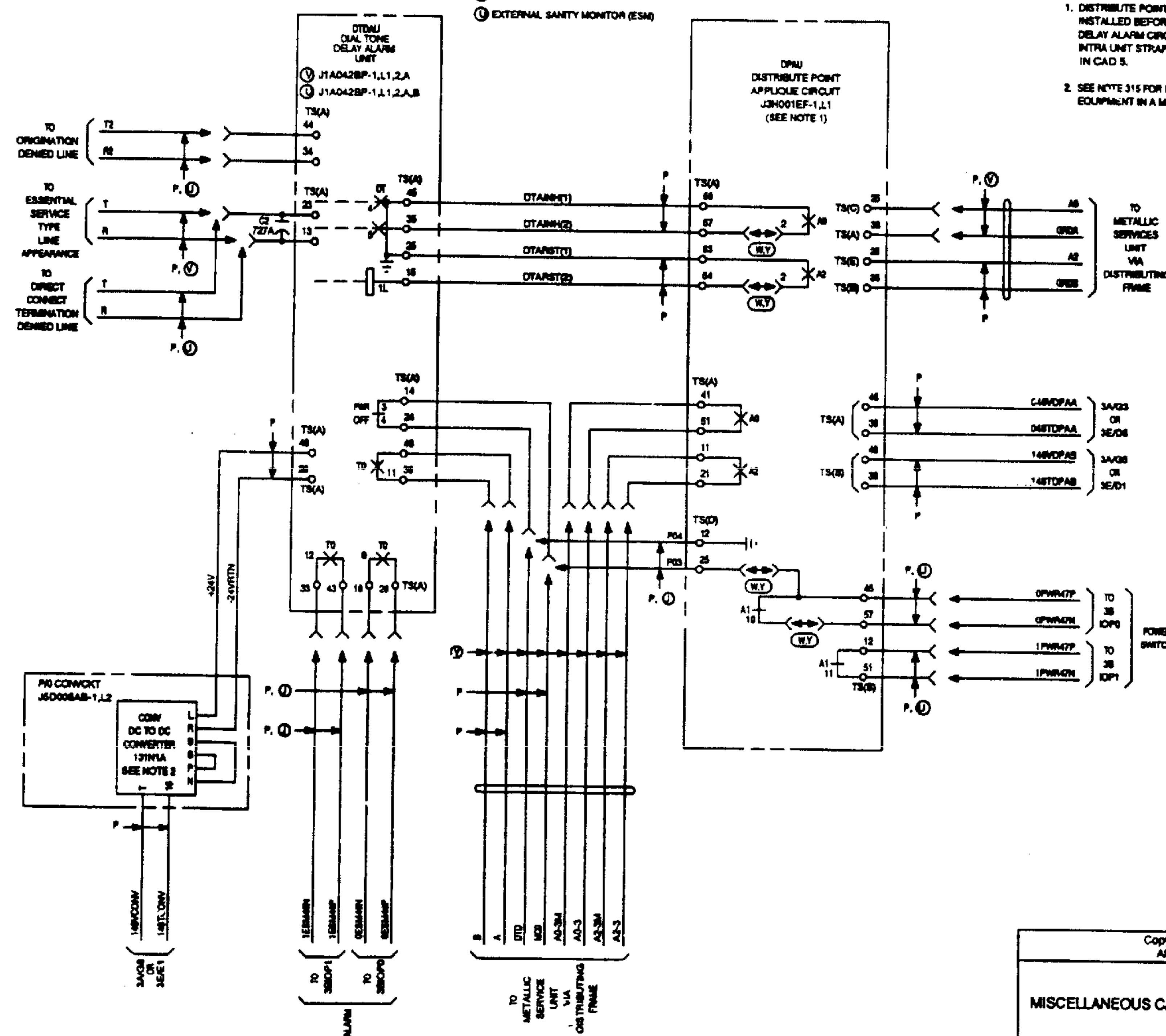
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B25

PRINTED IN U.S.A.

FS 5 DA

(V) DIAL TONE DELAY ALARM CIRCUIT
(L) EXTERNAL SANITY MONITOR (ESM)



DTDAU
DIAL TONE
DELAY ALARM
UNIT
(V) J1A042BP-1,L1,2,A
(L) J1A042BP-1,L1,2,A,B
DPAU
DISTRIBUTE POINT
APPLIQUE CIRCUIT
J3H001EF-1,L1
(SEE NOTE 1)
TO ORIGINATION DENIED LINE
TO ESSENTIAL SERVICE TYPE LINE APPEARANCE
TO DIRECT CONNECT TERMINATION DENIED LINE
DTAINH(1)
DTAINH(2)
DTARST(1)
DTARST(2)
TO METALLIC SERVICES UNIT VIA DISTRIBUTING FRAME
POWER SWITCH
PWR CONV/CKT
J5D006AB-1,L2
CONV
DC TO DC
CONVERTER
131N1A
SEE NOTE 2
ALARM
TO METALLIC SERVICE UNIT VIA DISTRIBUTING FRAME

NOTES:

1. DISTRIBUTE POINT APPLIQUE UNIT OPTIONS (W) AND (Y) MUST BE INSTALLED BEFORE THE UNIT CAN BE USED IN THE DIAL TONE DELAY ALARM CIRCUIT OR THE EXTERNAL SANITY MONITOR. INTRA UNIT STRAPPING REQUIRED TO PROVIDE (W,Y) IS DETAILED IN CAD 5.

2. SEE NOTE 315 FOR REQUIREMENTS WHEN MOUNTING DTDA/ESM EQUIPMENT IN A MISCELLANEOUS CABINET.

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	33B

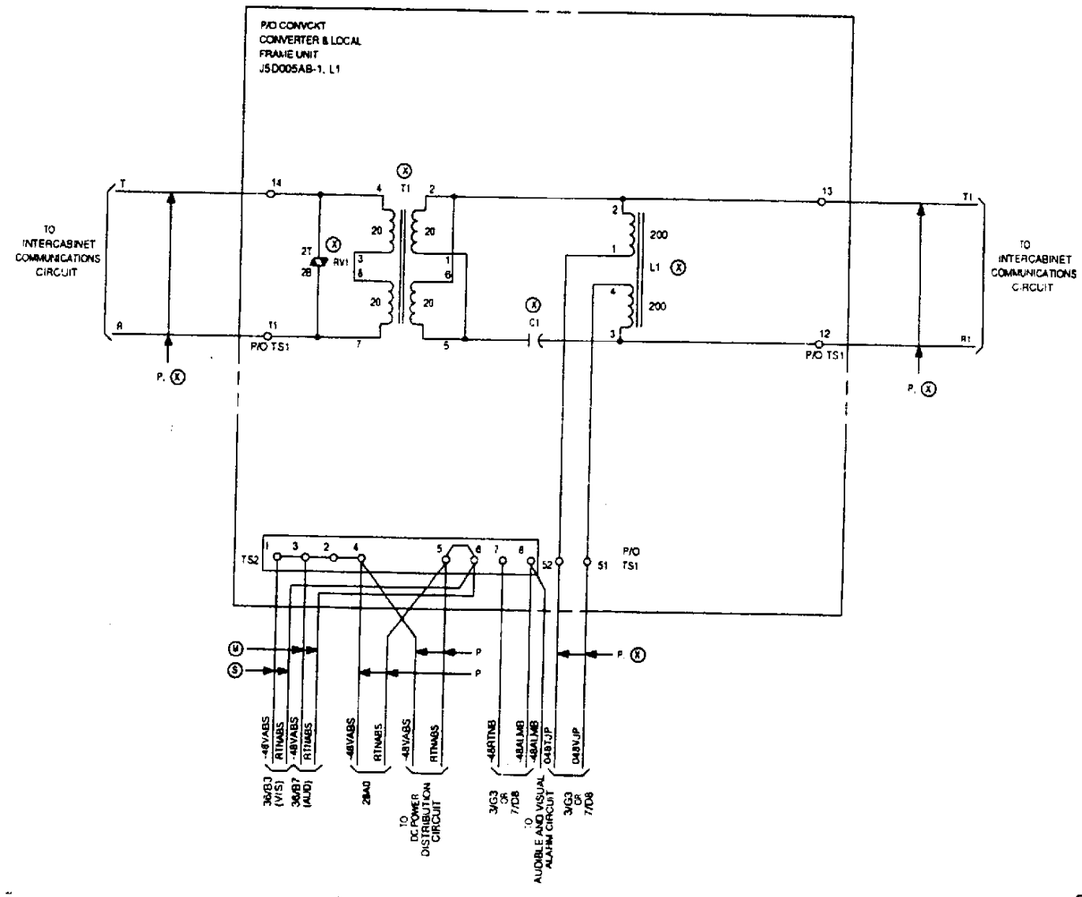
AT&T — SD-5D130-01 — SHEET B26

FS 6

LOCAL FRAME (TEL JACK UNIT)

NOTES:

1. SEE NOTE 315 FOR REQUIREMENTS WHEN MOUNTING THE CONVERTER AND LOCAL FRAME UNIT IN A MISCELLANEOUS CABINET.



MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET B27

PRINTED IN U.S.A.

FS 7

OFFICE ALARMS

NOTES:

1. SEE NOTE 315 FOR REQUIREMENTS WHEN MOUNTING THE OFFICE ALARM UNIT IN A+ MISCELLANEOUS CABINET.
2. SEE NOTE 102 FOR TYPICAL CONNECTION BETWEEN ALARM CONTACT AND THE 3AU VIA DF FOR SCAN POINTS THAT REQUIRE BUILDING ALARMS.
3. SEE INFORMATION NOTE 315

OFFICE ALARM UNIT

J50005AD-1,L1,WA (W) L2

AUDIBLE ALARM 04-023 TN137 A

APPLIQUE CIRCUIT 04-052 TN867 A

APPLIQUE CIRCUIT 04-072 TN867 A

APPLIQUE CIRCUIT 04-086 TN867 A

APPLIQUE CIRCUIT 04-118 TN867 A

APPLIQUE CIRCUIT 04-150 TN867 A

MISCELLANEOUS CABINET (6 FT)

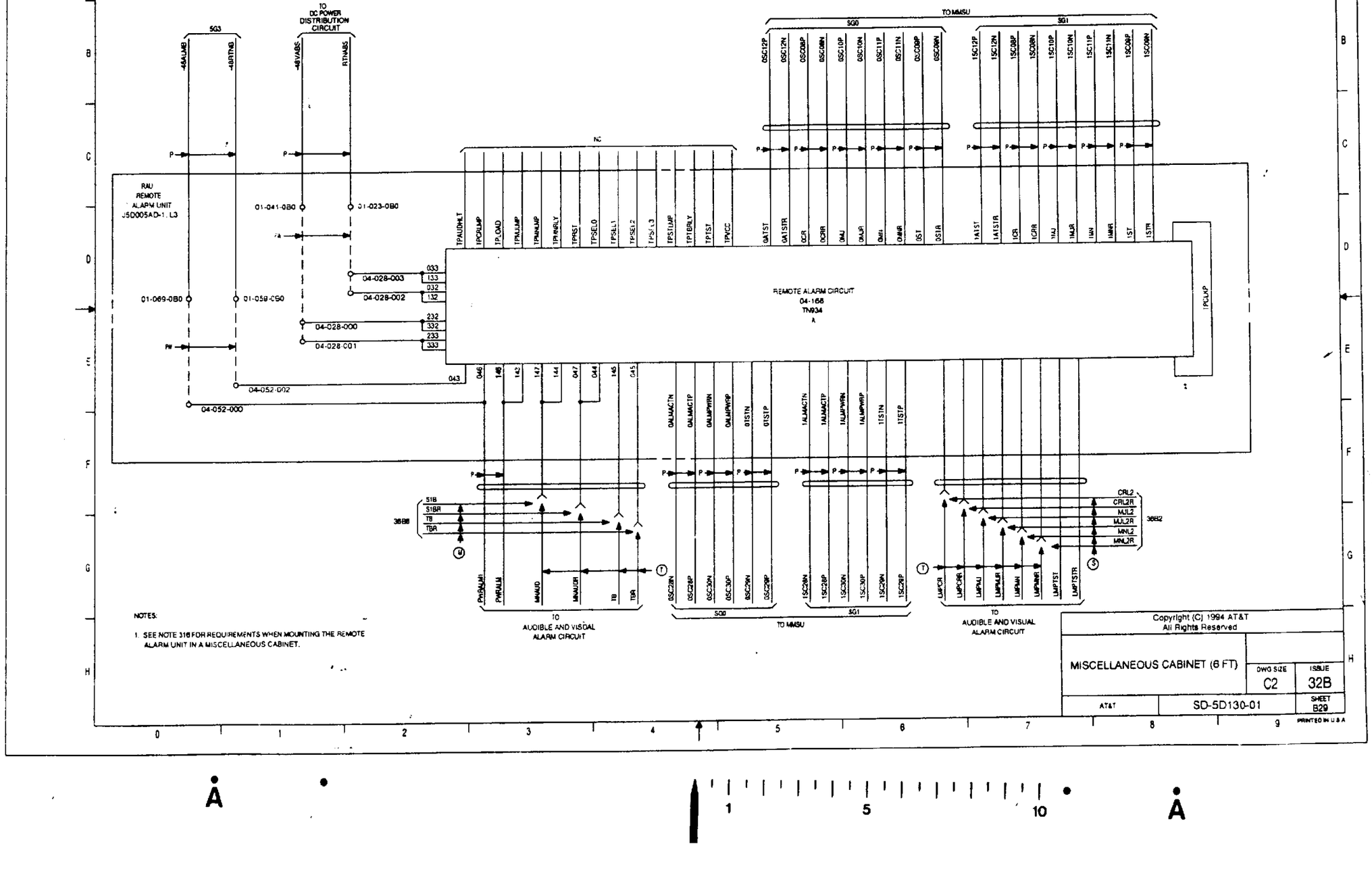
DWG SIZE	ISSUE
C2	32B

AT&T | SD-5D130-01 | SHEET B28

PRINTED IN U.S.A.

FS 8

REMOTE ALARM UNIT



NOTES:

1. SEE NOTE 316 FOR REQUIREMENTS WHEN MOUNTING THE REMOTE ALARM UNIT IN A MISCELLANEOUS CABINET.

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T | SD-5D130-01 | SHEET B29

PRINTED IN U.S.A.

PART OF FS 9

POWER AND FUSING
PLUS FORTY-EIGHT
(0 POWER BUS)
FIRST 24 FUSES
(SEE NOTES 319 AND 322)

P/O FPPF0
FUSE PANEL PLUS
FORTY-EIGHT
J5D003AJ-1,L1,2

+48FA0 34G9 AND 32A7 AS REQD
+48V0 34G6 AND 32A7 AS REQD
GRD0 34G3 AND 32A7 AS REQD

FB081
FB057
FB033
BAT2
GS073
GS041
RTN2

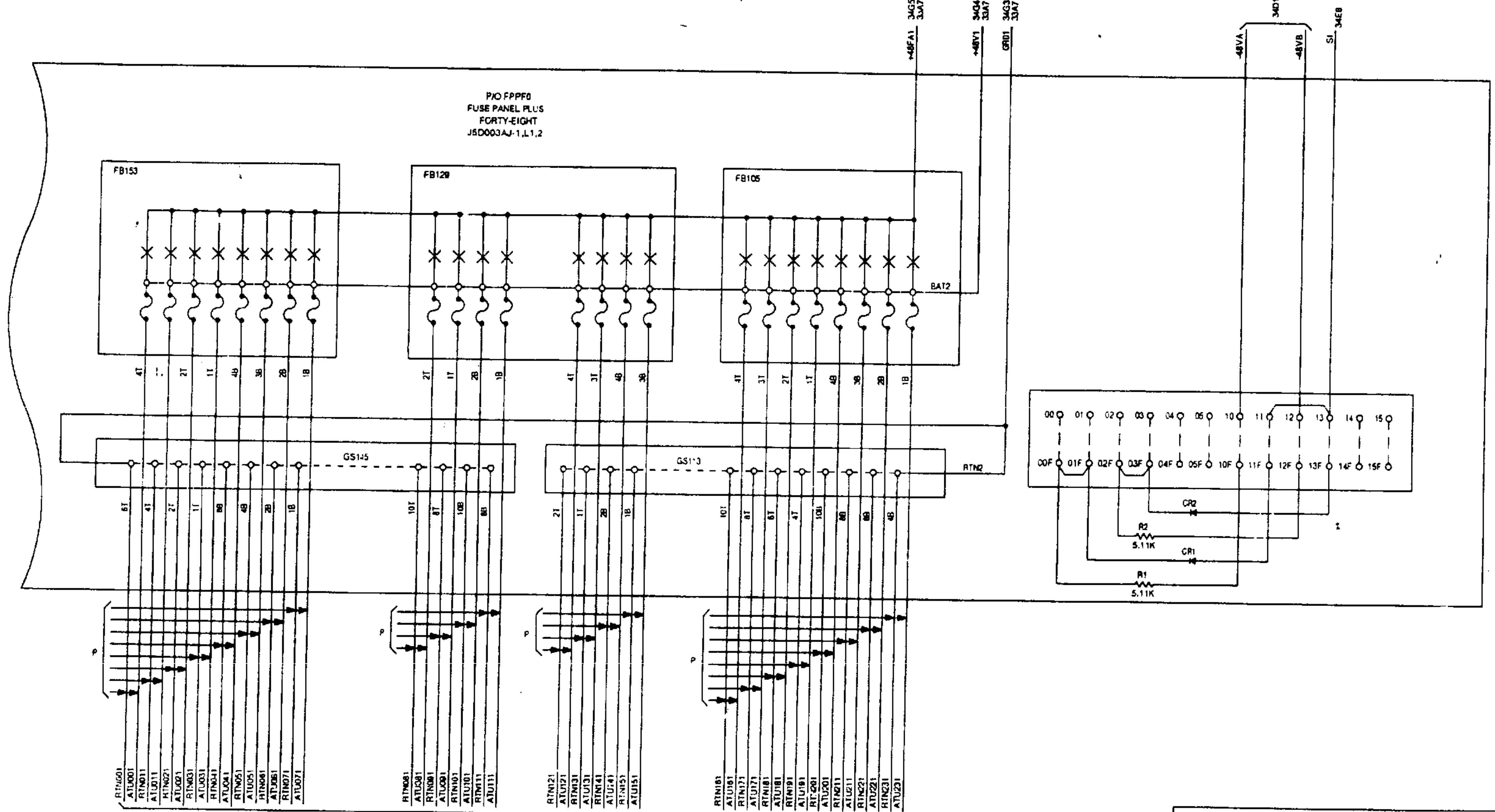
TO
ANALOG TRUNK
UNIT
CONNECT AS
REQUIRED
(SEE NOTE 320)

MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET B30

PRINTED IN U.S.A

PART OF FS 9

POWER AND FUSING
PLUS FORTY-EIGHT
(1 POWER BUS)
FIRST 24 FUSES
(SEE NOTES 319 AND 322)



MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T | SD-5D130-01 | SHEET 831

PRINTED IN U.S.A.

PART OF FS 10

POWER AND FUSING
PLUS FORTY-EIGHT
(0 POWER BUS)
FUSES 25-120
(SEE NOTES 319 AND 322)

304 AND TO SUCCEEDING AND OR PRECEDING FS 10 AS REQD

+48FAD

+48VO

GRD

FRPF14
FUSE PANEL PLUS
FORTY-EIGHT
J5D003AJ-1,L1

FB081

FB057

FB033

BAT2

GS073

GS041

RTN2

SEE TABLE A FOR RTN AND +48 LEAD DESIGNATIONS. ASSIGN RTN AND +48 RESPECTIVELY, LEFT TO RIGHT.

TO
ANALOG TRUNK
UNIT
CONNECT AS
REQUIRED
(SEE NOTE 320)

TABLE A

PANEL	+48	RTN
1	ATU240-ATU470	RTN240-RTN470
2	ATU480-ATU710	RTN480-RTN710
3	ATU720-ATU950	RTN720-RTN950
4	ATU960-ATU1190	RTN960-RTN1190

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B32

PRINTED IN U.S.A.

PART OF FS 10

POWER AND FUSING
PLUS FORTY-EIGHT
(1 POWER BUS)
FUSES 25-120
(SEE NOTES 319 AND 322)

31A6 AND TO SUCCEEDING AND OR PRECEDING FS 10 AS REQD

+48FA1 +48V1 GRD1

FPPF14
FUSE PANEL PLUS
FORTY-EIGHT
J5D003AJ-1,L1

FB153 FB129 FB105

BAT2

GS145 GS113

RTN2

SEE TABLE A FOR RTN AND +48 LEAD DESIGNATIONS, ASSIGN RTN AND +48 RESPECTIVELY, LEFT TO RIGHT.

TABLE A

PANEL	+48	RTN
1	ATU241-ATU471	RTN241-RTN471
2	ATU481-ATU711	RTN481-RTN711
3	ATU721-ATU951	RTN721-RTN951
4	ATU961-ATU1191	RTN961-ATU1191

TO
ANALOG TRUNK
UNIT
CONNECT AS
REQUIRED
(SEE NOTE 320)

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T | SD-5D130-01 | SHEET B33

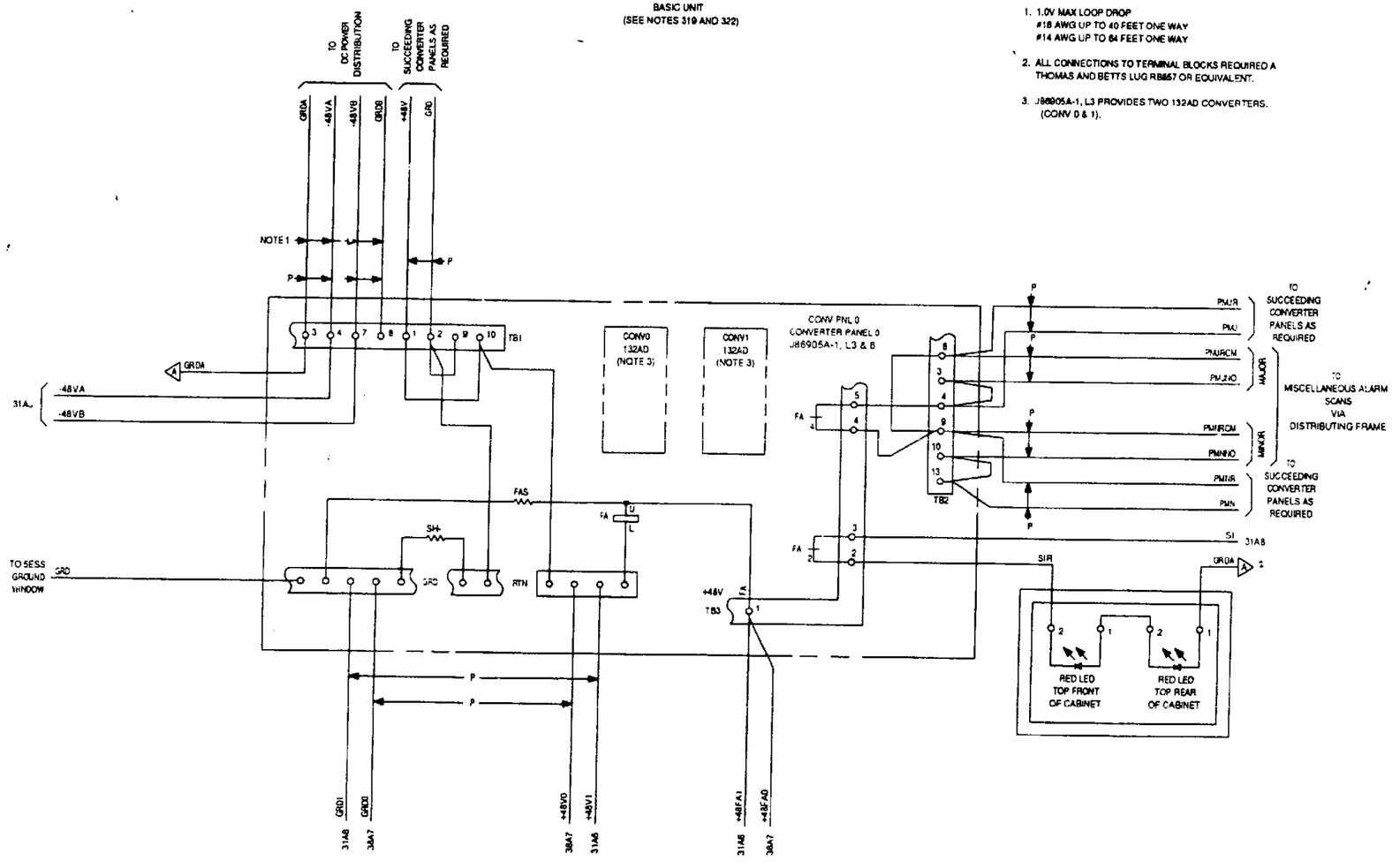
PRINTED IN U.S.A.

FS 11

PLUS FORTY-EIGHT
662A PLANT
BASIC UNIT
(SEE NOTES 319 AND 322)

NOTES:

1. 1.0V MAX LOOP DROP
   #18 AWG UP TO 40 FEET ONE WAY
   #14 AWG UP TO 64 FEET ONE WAY
2. ALL CONNECTIONS TO TERMINAL BLOCKS REQUIRED A THOMAS AND BETTS LUG RB857 OR EQUIVALENT.
3. J86905A-1, L3 PROVIDES TWO 132AD CONVERTERS. (CONV 0 & 1).

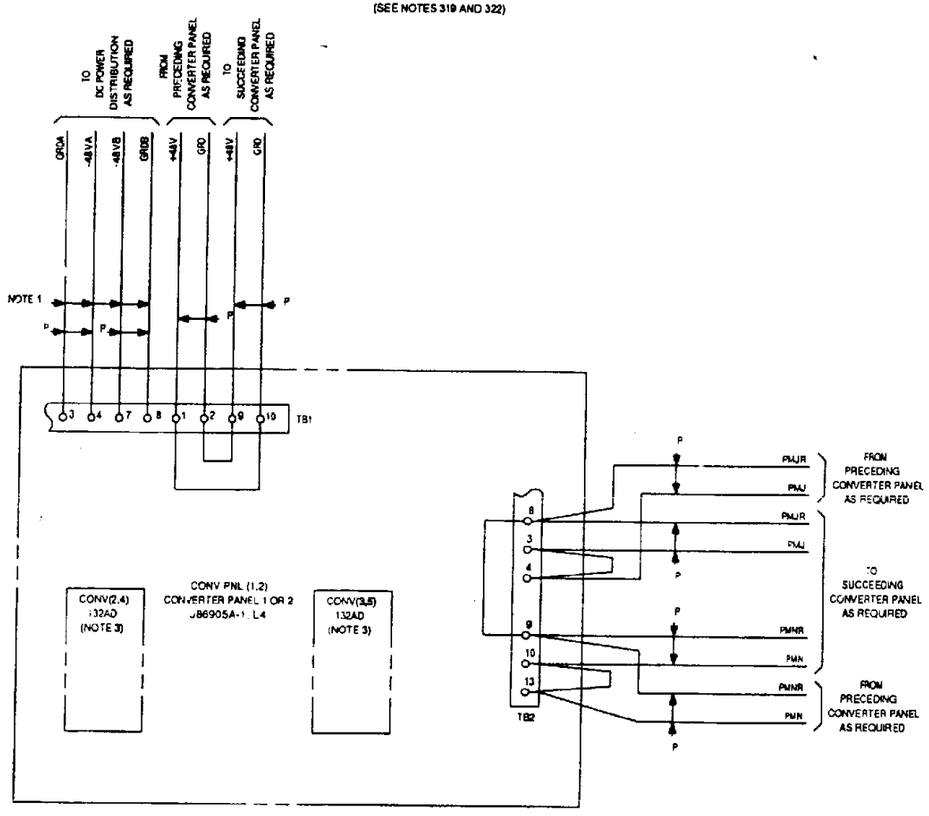


MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T	SD-5D130-01	SHEET 834

PRINTED IN U.S.A.

FS 12

PLUS FORTY-EIGHT
662A PLANT
CONVERTER PANELS
(SEE NOTES 319 AND 322)



NOTES:

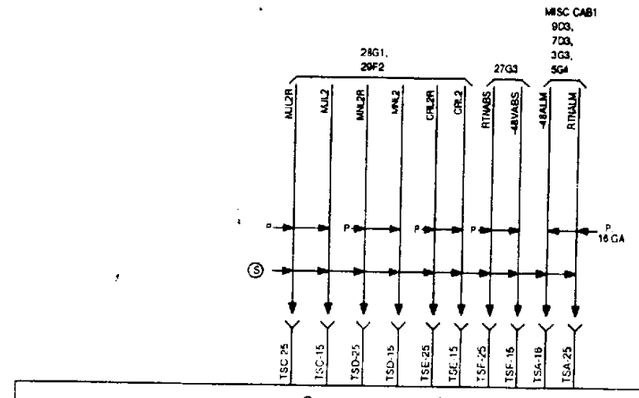
1. 1.0V MAX LOOP DROP
   #16 AWG UP TO 40 FEET ONE WAY
   #14 AWG UP TO 64 FEET ONE WAY
2. ALL CONNECTIONS TO TERMINAL BLOCKS REQUIRED A THOMAS AND BETTS LUG RB857 OR EQUIVALENT.
3. J86905A-1, L4 PROVIDES ONE 132AD CONVERTER (CONV 2 OR 4). WHEN A SECOND CONVERTER IS REQUIRED (CONV 3 OR 5), ENGINEER SHALL ORDER A 132AD CONVERTER ON A JOB BASIS. (SEE NOTE 322).

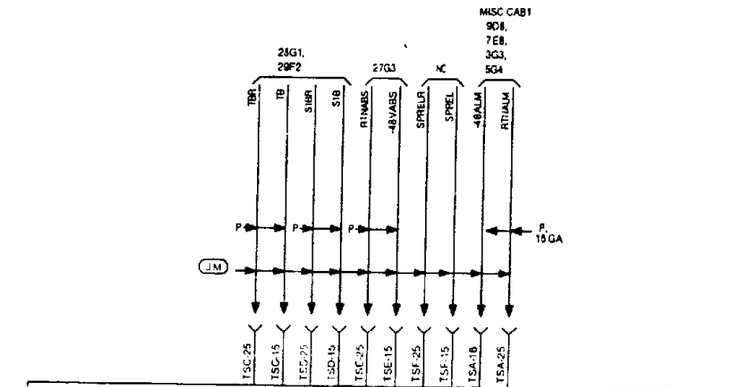
MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T	SD-5D130-01	SHEET B35

PRINTED IN U.S.A.

FS 13

ALARM REMOTING CIRCUIT





MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		836

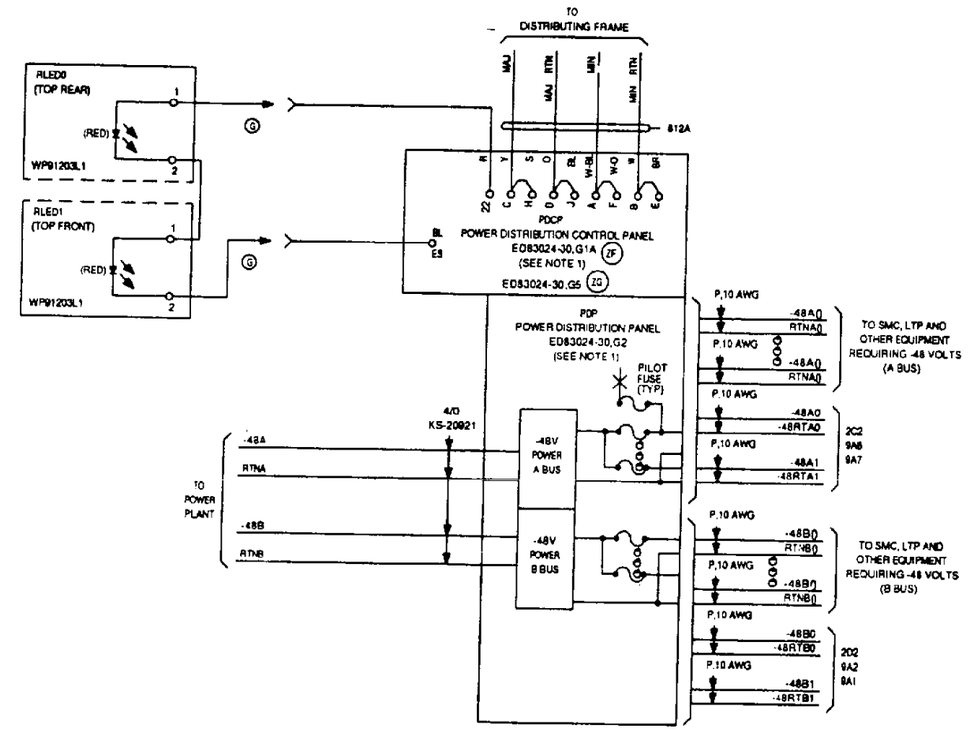
PRINTED IN U.S.A.

FS 14

POWER DISTRIBUTION PANEL

NOTES:

1. SD-82619-01 CONTAINS SPECIFIC INTERCONNECTION INFORMATION FOR 5ESS® POWER DISTRIBUTION.



MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T SD-5D130-01		SHEET 837

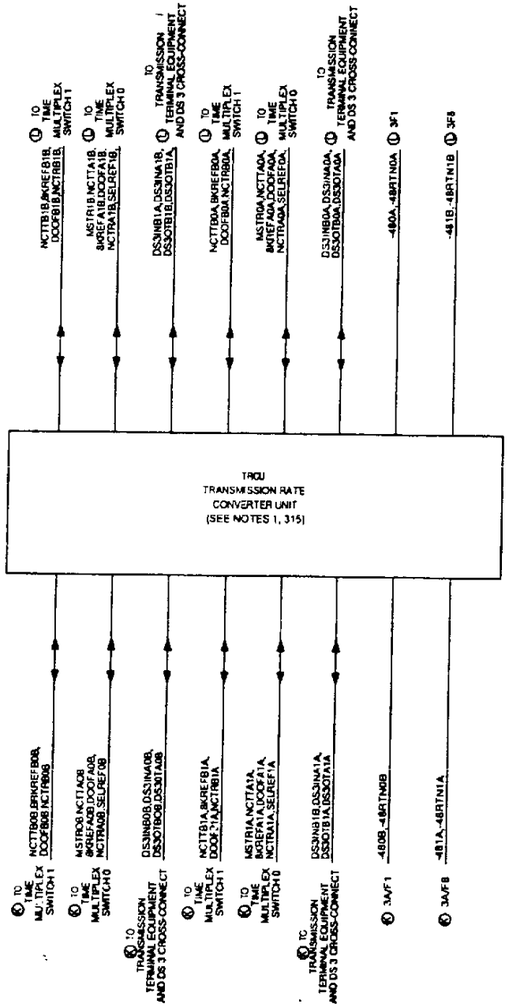
PRINTED IN U.S.A.

FS 15A

TRANSMISSION RATE CONVERTER UNIT

NOTES:

1. A 3 FAN, FAN-UNIT IS REQUIRED WHEN MOUNTING A TRCU INTO THE MISCELLANEOUS CABINET.



MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T | SD-5D130-01 | SHEET B38

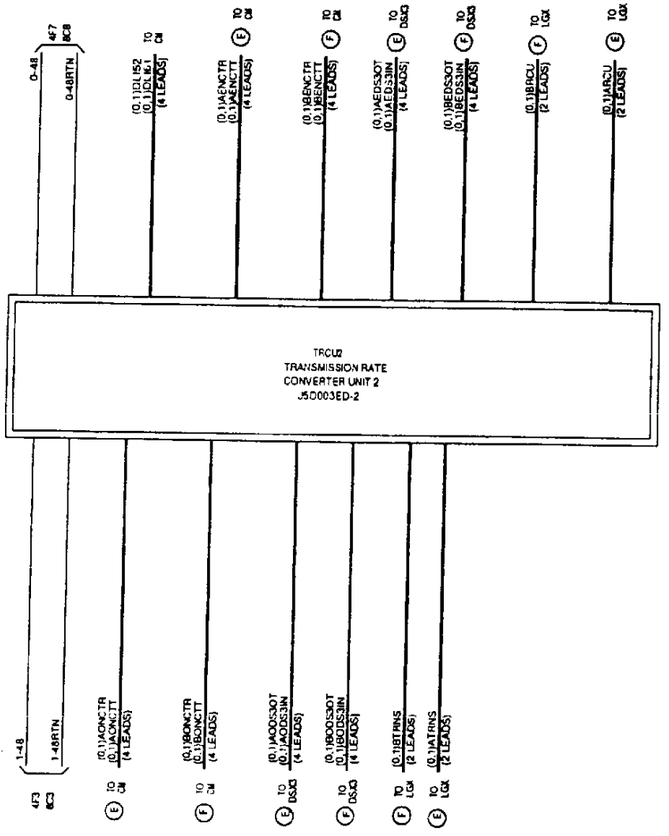
PRINTED IN U.S.A.

FS 15B

TRANSMISSION RATE CONVERTER UNIT 2

NOTES:

1. A 3 FAN, FAN-UNIT IS REQUIRED WHEN A TRCU2 IS MOUNTED IN THE MISCELLANEOUS CABINET.



MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET B39

PRINTED IN U.S.A.

FS 16

LIGHTGUIDE STRANDED
CABLE INTERCONNECTION
MODULE

NOTES:

1. ALL UNITS SHOULD BE INSTALLED A MINIMUM OF 18-1/2 INCHES UP FROM THE FLOOR TO THE BASE OF THE CABINET. (SEE AT&T 636-299-105)
2. LSCIM UNIT IS MOUNTED IN MISCELLANEOUS CABINET ONLY IF METALLIC SHEATH CABLE IS NOT USED.

353

FIBER OPTIC NCT LINK

LSC1U-24/5
LIGHTGUIDE
SHELF COMBINATION
SEE INFORMATION NOTE 311
(Z1)

10
OR FROM
TIM

353

FIBER OPTIC NCT LINK

LSCIM
LIGHTGUIDE STRANDED
CABLE INTERCONNECTION
MODULE
ED-8C010-50 G2,5,10,11
(2H)

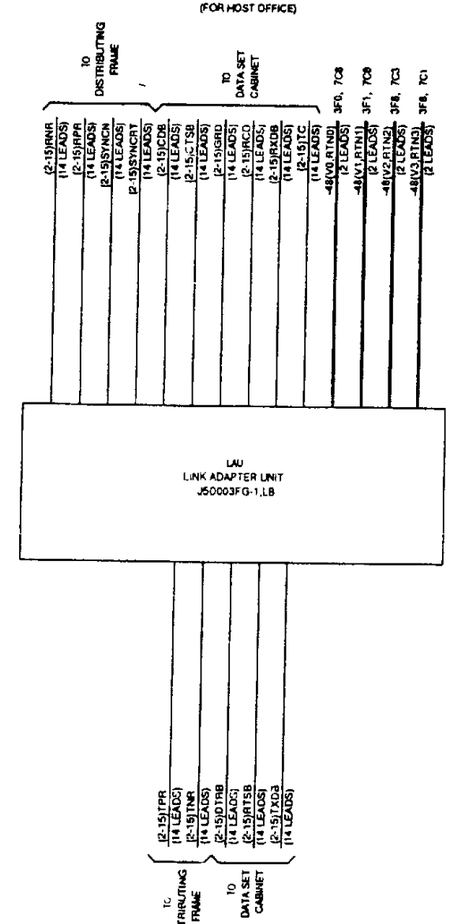
10
OR FROM
TIM

MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET B40

PRINTED IN U.S.A

FS 17

LINK ADAPTER UNIT
(FOR HOST OFFICE)



MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B41

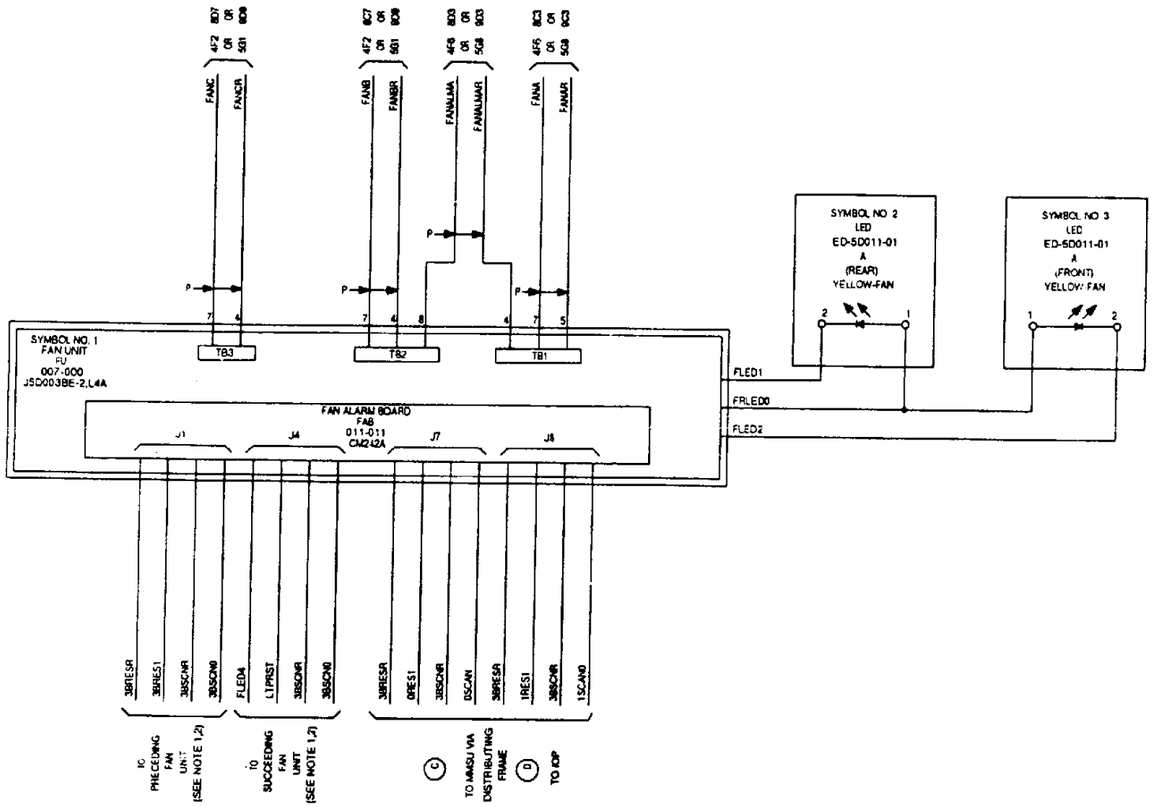
PRINTED IN U.S.A.

PART OF FS 18

3 FAN UNIT

NOTES:

1. IN HOST OFFICES, DO NOT CONNECT MISCELLANEOUS FAN UNITS TO ANY NON MISCELLANEOUS FAN UNITS.
2. SCAN POINTS ARE ONLY USED WHEN FAN IS MASTER UNIT.



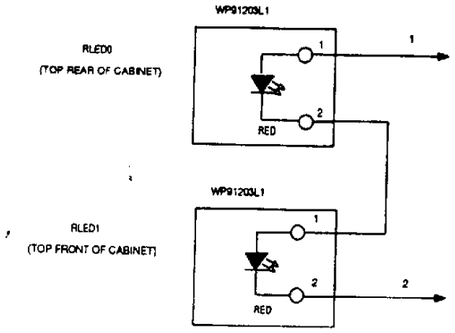
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET B42

PRINTED IN U.S.A.

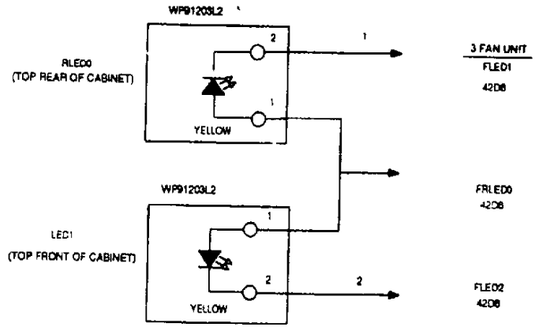
FS 19A (B)

(ORIGINAL BEZEL)

(CC#843977900)



FUSE FAILURE	FDP	CONVERTER +48V
RTN00 382 OR 482 OR 582	R 37B4	GRDA 3402
FA0 382 OR 482 OR 582	BL/ES 37C4	SIR 34F7



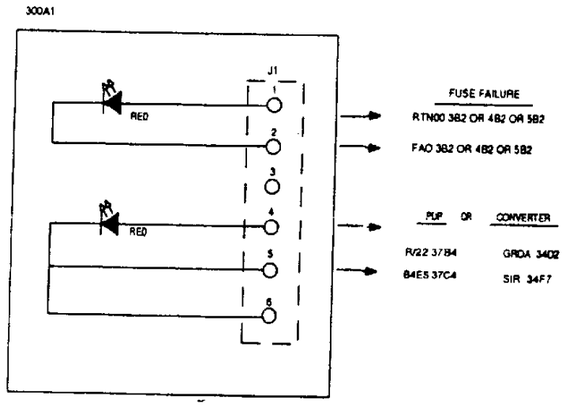
3 FAN UNIT
FLED1
42D8

FRLED0
42D8

FLED2
42D8

FS 19C (ZA)

ED5D694G3

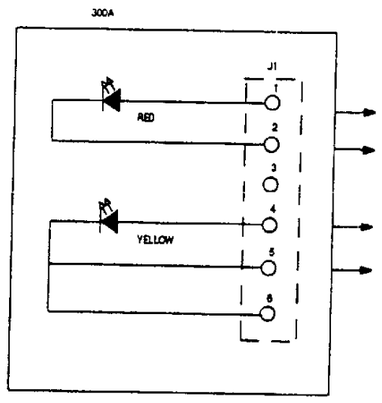


FUSE FAILURE
RTN00 382 OR 482 OR 582
FA0 382 OR 482 OR 582

FDP OR CONVERTER
R/22 37B4 GRDA 3402
B4ES 37C4 SIR 34F7

FS 19B (A)

ED5D694G1



FUSE FAILURE
RTN00 382 OR 482 OR 582
FOA 382 OR 482 OR 582

FAN UNIT
FRLED0 42D6
FLED1 42D6

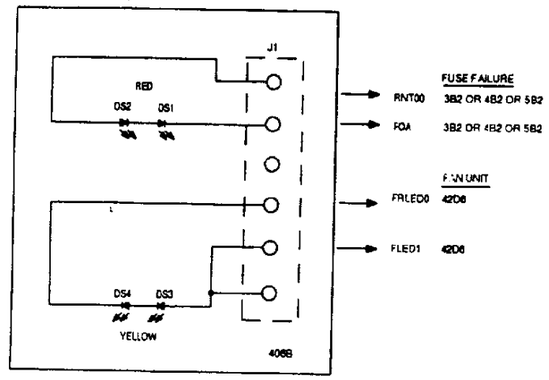
MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B43

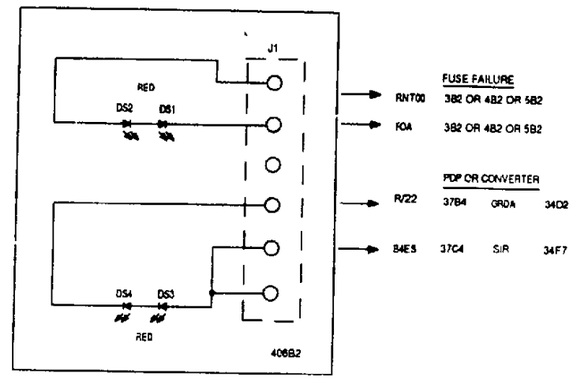
FS 19D

ED-5D745-30,G1,G3A



FS 19E

ED-5D745-30,G1,G3A



MISCELLANEOUS CABINET (6 FT)

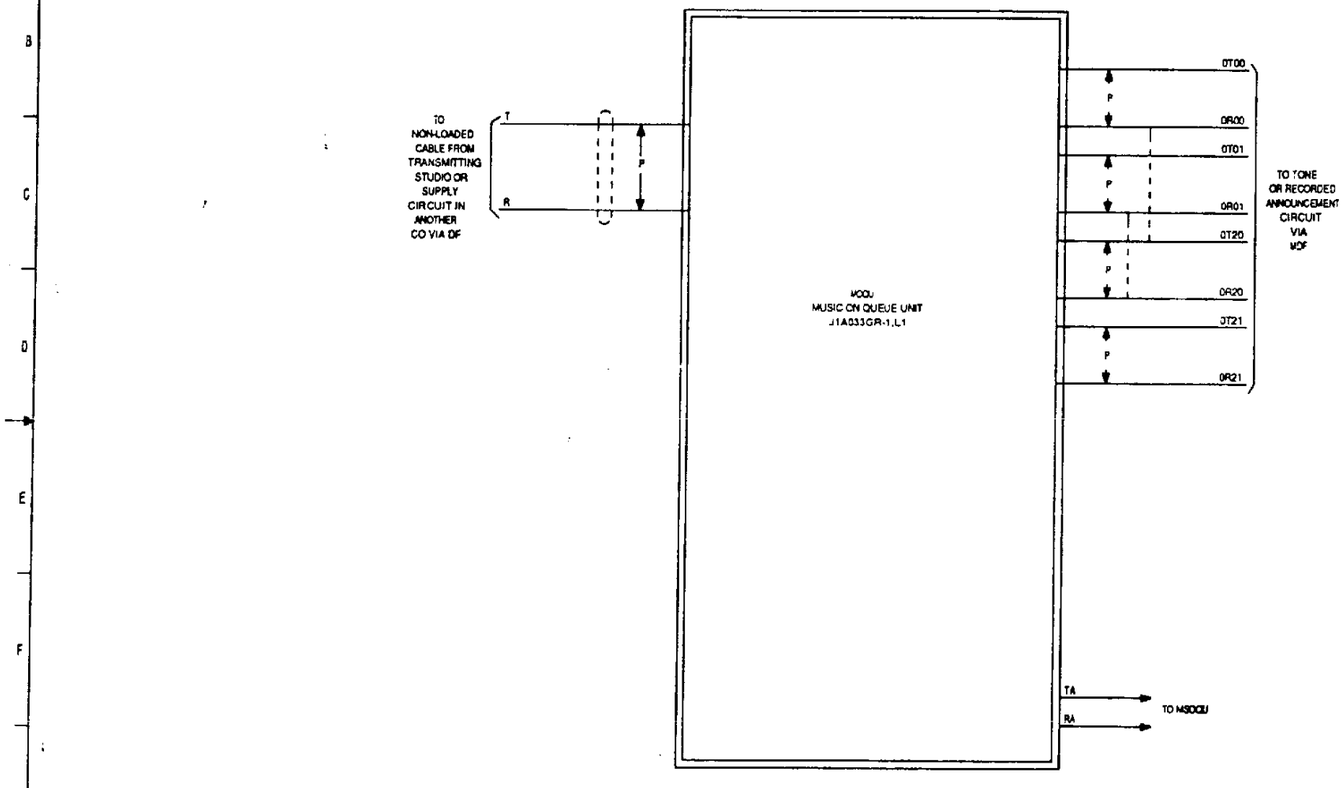
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		844

PRINTED IN U.S.A.

FS 19

MUSIC ON QUEUE UNIT

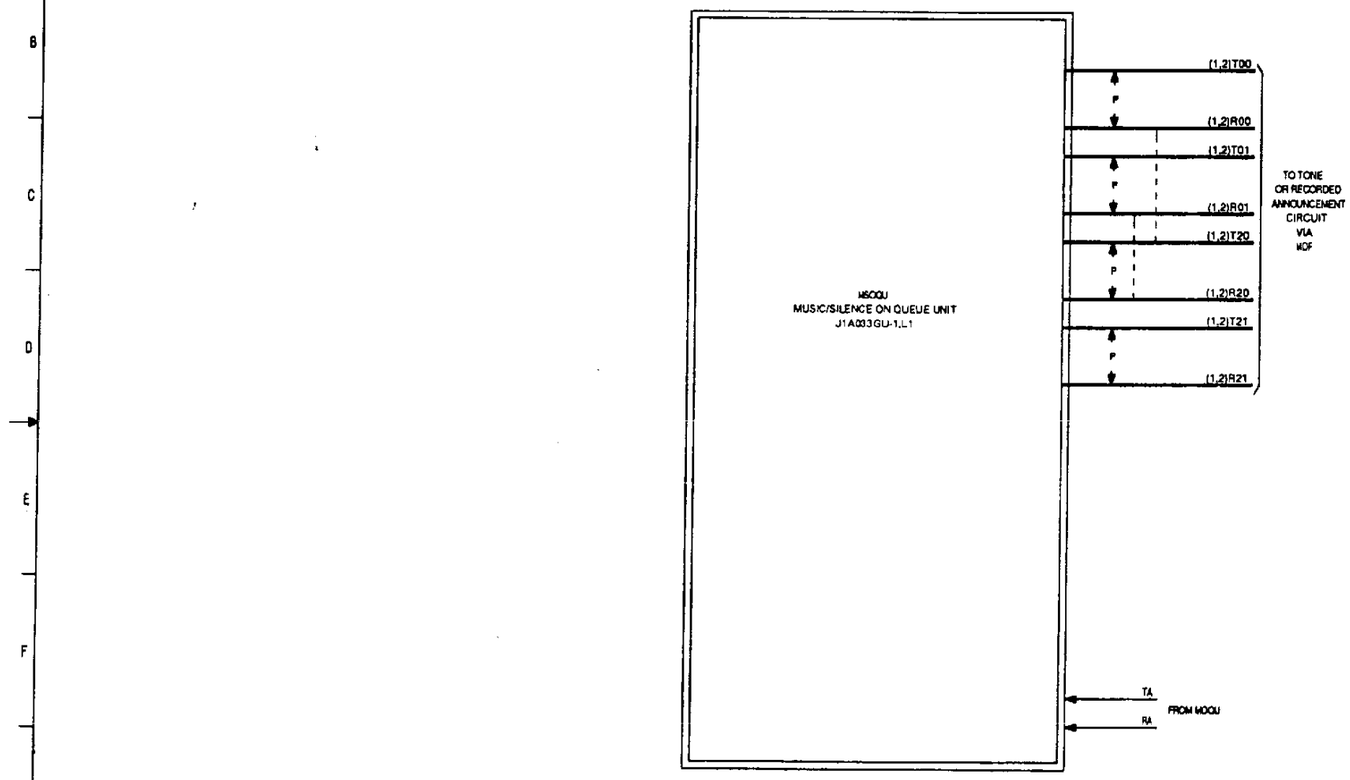


MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET B45

PRINTED IN U.S.A.

FS 20

MUSIC/SILENCE ON QUEUE UNIT



MISCELLANEOUS CABINET (6 FT)

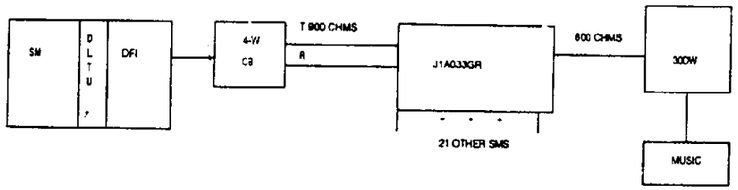
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B46

PRINTED IN U.S.A.

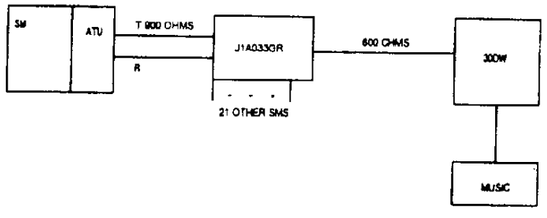
FS 21

13-A EMULATION FOR MUSIC SOURCES FOR CUSTOMERS WITH DLTUS



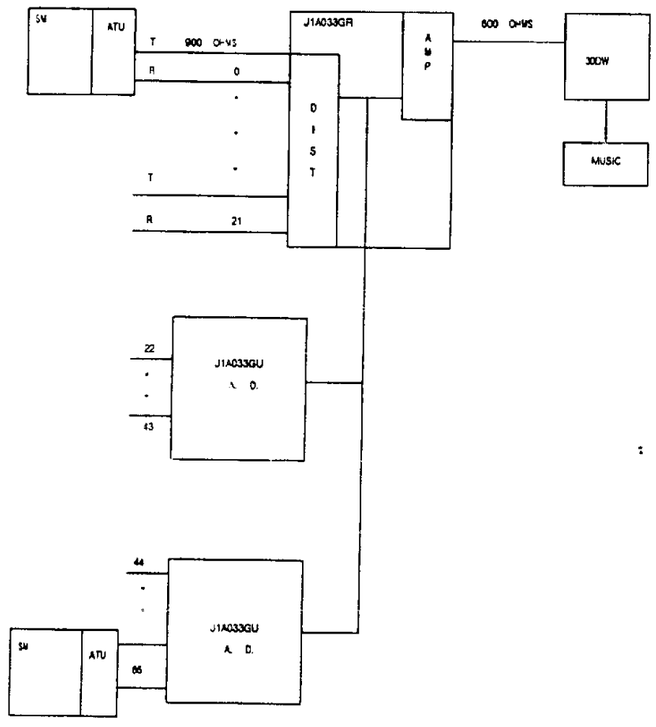
FS 22

13-A EMULATION FOR MUSIC SOURCES FOR CUSTOMERS WITH ATUS



FS 23

MUSIC SOURCE CONFIGURATION FOR 66 MUSIC PORTS



MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		B47

PRINTED IN U.S.A.

APP FIG 1

UNIT, FUSE/FILTER

OPTION	DESIG	LOC	CODE
ZK	FF1A	1B1	J5D003AU-1, L1, SA
ZK	FF01B	1B1	J5D003AU-1, L1, SB
ZL	MPFU	78G	J5D003FJ-1,L116
ZL	MPFU	88G	J5D003FJ-1,L116
ZL	MPFU	98G	J5D003FJ-1,L116
ZM	AOI	99G	J5D003FJ-1,LAN(RSM ONLY)

APP FIG 2

INVERTER

OPTION	DESIG	LOC	CODE
	IDCTGAC	27C4	KS-20616,L1A

APP FIG 3

UNIT, RESISTOR PANEL

OPTION	DESIG	LOC	CODE
	RP0	2586	J5D006AA-1,L1

FUSE

OPTION	DESIG	LOC	CODE	AMPS
	RP0( )	3B2 3B3 5B2	76C	3
	RP1( )	3B2 5B2	76C	3
	RP2( )	3B6 3B7 5B6	76C	3
	RP3( )	3B6 3B7 5B6	76C	3

APP FIG 4

UNIT, CONVERTER AND LOCAL FRAME E/W

OPTION	DESIG	LOC	CODE
	CONVGT	27B6	J5D006AB-1,L1

CAPACITOR

OPTION	DESIG	LOC	CODE
X	C6	27D4	437C

INDUCTOR

OPTION	DESIG	LOC	CODE
X	L1	27C5	27AL

FUSE

OPTION	DESIG	LOC	CODE	AMPS
	JP48V	3E3	76H	3/4
X	-48A1 MB	3E3 5E3	76H	3/4

TRANSFORMER

OPTION	DESIG	LOC	CODE
X	T1	27C4	84E

VARISTOR

OPTION	DESIG	LOC	CODE
X	RV1	27C9	100A

APP FIG 5 - DA

UNIT, DIAL TONE DELAY ALARM

OPTION	DESIG	LOC	CODE
V	DTDAU	2B86	J1A043BP-1, L1, 2, A
U	DTDAU	2B86	J1A043BP-1, L1, 2, A, B

CAPACITOR

OPTION	DESIG	LOC	CODE
	C6	2BC8	727A

UNIT, DISTRIBUTE POINT APPLIQUE

OPTION	DESIG	LOC	CODE
	DPAU	2B86	J3H001EF-1, L1

FUSE

OPTION	DESIG	LOC	CODE	AMPS
	DPAA	3B4	70H	3/4
	DPAB	3B5	70H	3/4

MISCELLANEOUS CABINET (6 FT)

DWG SIZE C2 | ISSUE 33B | SHEET C1

AT&T | SD-5D130-01

PRINTED IN U.S.A.

APP FIG 6

CONVERTER, DC TO DC

OPTION	DESIG	LOC	CODE
	CONV	28F2	131N1A

FUSE

OPTION	DESIG	LOC	CODE	AMPS
	CONV	3E8	70D	5

APP FIG 7

UNIT, OFFICE ALARM UNIT

OPTION	DESIG	LOC	CODE
	OAU	28D1	J5D005AD-1,L1,WA
(W)	OAU	28D1	J5D005AD-1,L1,WA,2
ZJ	OAU	28D1	J5D005AD

FUSE

OPTION	DESIG	LOC	CODE	AMPS
	OA48V0	3E4	70B	2
	OA48V1	3E5	70B	2
	-48ALM	3E8	WPG2458L2	1.25

APP FIG 8

UNIT, 13A RECORDER ANNOUNCEMENT SYSTEM

OPTION	DESIG	LOC	CODE
ZH	13A( )	13A1	J1C121A-1
ZO	13A+( )	13A1	J1C121A-1

FUSE

OPTION	DESIG	LOC	CODE	AMPS
ZH	13A		70C	3
ZO	13A( )		WP91768L110	3

APP FIG 9

UNIT, INDUCTOR

OPTION	DESIG	LOC	CODE
(Y)	INDU	2C4	J5D005CA-1,L1

APP FIG 10

UNIT, REMOTE ALARM

OPTION	DESIG	LOC	CODE
	RAU	29C0	J5D005AD-1,L3

APP FIG 11

UNIT, FUSE PANEL

OPTION	DESIG	LOC	CODE
	FPPF0	30B4 31B4	J5D003AJ-1,L1,2

APP FIG 12

UNIT, FUSE PANEL

OPTION	DESIG	LOC	CODE
	FPPF(1-4)	32B4 33B4	J5D003AJ-1,L1

APP FIG 13

FUSE

OPTION	DESIG	LOC	CODE	AMPS
	ATU(00-119)0	FS9, FS10	70B	2
	ATU(00-119)1	FS9, FS10	70B	2

APP FIG 14

CONVERTER PANEL

OPTION	DESIG	LOC	CODE
	CONV PNL 0	34D6	J88905A-1,L3,L6

APP FIG 15

CONVERTER PANEL

OPTION	DESIG	LOC	CODE
	CONV PNL (1,2)	35E3	J88905A-1,L4

APP FIG 16

CONVERTER

OPTION	DESIG	LOC	CODE
	CONV(3,5)	35E4	132AD

APP FIG 17

UNIT, REMOTE ALARM RELAYS

OPTION	DESIG	LOC	CODE
	RAR	37D3, 37D7	J5D005CB-1

FUSE

OPTION	DESIG	LOC	CODE	AMPS
(M)	RAR	3E4, 5E4,	SEE NOTE 210	
(S)	RAR	3E7, 5E8,	SEE NOTE 210	
	-48ALMB	9D6	WPG2458L2	1.25

APP FIG 18

POWER DISTRIBUTION PANEL

OPTION	DESIG	LOC	CODE
	PDP	37D4	ED83024-30,G2
ZF	PDCP	37B4	ED83024-30,G1A
G	RLED0	37C2	WP91203-L1
G	RLED1	37C2	WP91203-L1
ZG	PDCP	37B4	ED83024-30,G5

APP FIG 19

TRANSMISSION RATE CONVERTER UNIT

OPTION	DESIG	LOC	CODE
(K)	TRCU	38D4	J5D003ED-1,L1
(L)	TRCU	38E4	J5D003ED-1,L2

FUSE

OPTION	DESIG	LOC	CODE	AMPS
(K)	TRC(0,1)A	3E1,8	70B	2
(L)	TRC(0,1)B	3E1,8	70B	2

APP FIG 20

LIGHTGUIDE STRANDED CABLE INTERCONNECTION MODULE

OPTION	DESIG	LOC	CODE
ZH	LSCIM	40D4	ED-8C010-50,G2,5,10,11
OPTION	DESIG	LOC	CODE
ZT	LSCIU-24/5	40E2	105389548 (LIGHTGUIDE SHELF COMBINATION)

EQUIPPED WITH
LT1A-F/F

4 - 12A1

105339898
(ORGANIZER, SPLICE)

104344490
(CABLE CLAMP)

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET C2

APP FIG 21

14A ANNOUNCEMENT SYSTEM HOST

OPTION	DESIG	LOC	CODE
ZB	ALD00		J1C184A-1,L1,A
	ALD01		J1C184A-1,L2
	ALD0		J1C184A-1,L10
ZC	ALD0O		J1C184-1,L8

FUSE	DESIG	LOC	CODE	AMPS
ZC	14A		WP91788,L104	1/2

APP FIG 22

14A ANNOUNCEMENT SYSTEM RIM

OPTION	DESIG	LOC	CODE
ZD	ALD0O		J1C184A-1,L1,A
	ANNI		SWBL8
	ALD01		J1C184A-1,L2
	ALD0		J1C184A-1,L10
ZE	ALD0O		J1C184A-1,L8
	ANNI		SWBL8

FUSE	DESIG	LOC	CODE	AMPS
ZE	14A		WP91788,L104	1/2
	ANNI	16D8		1/2

APP FIG 23

LINK ADAPTER UNIT

OPTION	DESIG	LOC	CODE
	LAU		J5D003FG-1,L8

APP FIG 24

TRANSMISSION RATE CONVERTER UNIT 2

OPTION	DESIG	LOC	CODE
(E)	TRCU2	39D5	J5D003ED-2

FUSE				
OPTION	DESIG	LOC	CODE	AMPS
(E)	TRCU2	4F2,8	78C	3
	TRCU2	8C8	WP91788L110	5A
	TRCU2	8C3	WP91788L110	5A

APP FIG 25

3 FAN UNIT

OPTION	DESIG	LOC	CODE
	FI	42D8	J5D003BE-2,L4A

APP FIG 26

1KVA INVERTER

OPTION	DESIG	LOC	CODE
	CONV		WP-91682,L20,101

APP FIG 27

MUSIC-ON-QUEUE UNIT

OPTION	DESIG	LOC	CODE
	MOQU		J1A033GR-1,L1

APP FIG 28

MUSIC/SILENCE-ON-QUEUE UNIT

OPTION	DESIG	LOC	CODE
	MSOQ		J1A033GU-1,L1,WA

APP FIG 29

MUSIC - ON - QUEUE UNIT 220V50H 2

OPTION	DESIG	LOC	CODE
	MOH		J1A033GR-1 , L1 WA

APP FIG 30

MUSIC/SILENCE - ON - QUEUE UNIT 220V50H 2

OPTION	DESIG	LOC	CODE
			J1A033GU-1, L1 WA

APP FIG 31

OPTION	DESIG	LOC	CODE
			BEZEL
B	FU	45B8	WP91203L2 (YELLOW)
	FF01	45B2	WP91203L1 (RED)
A	ED5D884-30, GI	45B5	300A (CIRCUIT MOD WITH RED + YELLOW LED'S)
ZA	ED5D884-30,G3	45E2	300A1 (CIRCUIT MOD WITH 2 RED LED'S)

APP.		OPTION
FUSE	FAN	B A
FUSE		B A
FUSE	PSP	B ZA
FUSE	+48	B ZA
	CONVERTER	

APP FIG. 32

13A/14A REMOTE RECORD UNIT

OPTION	DESIG	LOC	CODE
		185C	J1C259A-1,L1
	ALD8	185C	J1C259A-1,L2
	(2) MOUNT BRACKETS		J1C259A-1,L3

FUSE	DESIG	LOC	CODE	AMPS
	ALD8		WP91788L104	1/2

APP FIG 33

REMOTE RECORD CONCENTRATOR

OPTION	DESIG	LOC	CODE
	ALD4		J1C262A-1

FUSE	DESIG	LOC	CODE	AMPS
	ALD4		WP91788,L104	1/2

MISCELLANEOUS CABINET (6 FT)

DWG SIZE C2 | ISSUE 33B

AT&T | SD-5D130-01 | SHEET C3

PRINTED IN U.S.A.

APP FIG. 34

15A RECORDED ANNOUNCEMENT UNIT

OPT	DESIG	LOC	CODE
*R	15A		J1C267A-1, L11

APP FIG. 35

15A & 16A RECORDED ANNOUNCEMENT UNIT

OPT	DESIG	LOC	CODE
Z9	BLD9		J1C267A-1, L12

APP FIG. 36

15A RECORDED ANNOUNCEMENT UNIT

OPT	DESIG	LOC	CODE
Z7	BLD4		J1C267A-1, L14

APP FIG. 37

15A RECORDED ANNOUNCEMENT UNIT

OPT	DESIG	LOC	CODE
ZU	400B		J1C267A-1, L13

APP FIG. 38

INDICATOR STRIP

OPT	DESIG	LOC	CODE
ZF	ED50746-30,03A		400B

APP FIG. 39

INDICATOR STRIP

OPT	DESIG	LOC	CODE
ZE	ED50746-30,04		400B

APP FIG. 40

INDICATOR STRIP

OPT	DESIG	LOC	CODE
ZY	16A		J1C273A-1, L1

APP FIG. 41

INDICATOR STRIP

OPT	DESIG	LOC	CODE
ZZ	BLD5		J1C267A-1, L15

APP FIG. 42

15A RECORDED ANNOUNCEMENT UNIT

OPT	DESIG	LOC	CODE
XA	BLD20		J1C267A-1, L20

APP FIG. 43

15A & 16A RECORDED ANNOUNCEMENT UNIT

OPT	DESIG	LOC	CODE
XB	BLD21		J1C267A-1, L21

APP FIG. 44

15A RECORDED ANNOUNCEMENT UNIT

OPT	DESIG	LOC	CODE
XC	BLD22		J1C267A-1, L22

APP FIG. 45

15A RECORDED ANNOUNCEMENT UNIT

OPT	DESIG	LOC	CODE
XD	BLD23		J1C267A-1, L23

APP FIG. 46

2KVA INVERTER

OPT	DESIG	LOC	CODE
	CONV		WP51652,L30A,102

MISCELLANEOUS CABINET (6 FT)

DWG SIZE C2 | ISSUE 33B | SHEET C4

AT&T | SD-5D130-01

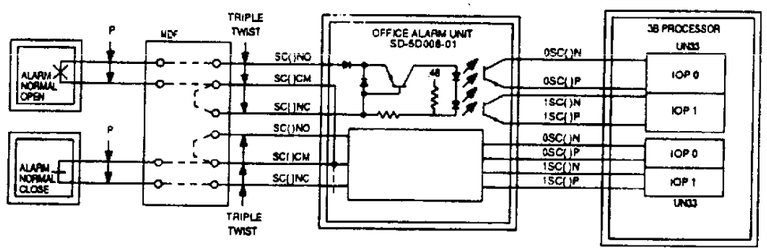
PRINTED IN U.S.A.

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

102. TYPICAL CONNECTION BETWEEN ALARM CONTACT AND THE OFFICE ALARM UNIT VIA DISTRIBUTING FRAME FOR SCAN POINTS THAT REQUIRE BUILDING ALARMS.



103. THE VOLTAGE REQUIRED FOR THE 15A CAN BE OBTAINED FROM THE -48V BATTERY PLANT OR FROM A SEPARATE POWER MODULE. THE CIRCUIT PACK CAN BE POWERED THROUGH THE TERMINAL BLOCK USING THE -48V POWER EXISTING IN THE CABINET.

104. THE INPUT VOLTAGE REQUIREMENTS ARE -39.5VDC TO -60VDC MEASURED AT THE INPUT OF THE 15A. THE NOMINAL CURRENT DRAIN OF EACH PACK IS 130 MA AT -48VDC.

WHEN POWERING FROM A BATTERY PLANT, EACH CIRCUIT PACK IN A 15A SHELF SHOULD BE POWERED AND FUSED SEPARATELY. THE POWER DISSIPATION OF THE UNITS IS SMALL, WHEN USING STANDARD TELECOMMUNICATION FUSES, SUCH AS THE 70 TYPE, A RATING OF 3/4 A OR HIGHER COULD BE USED TO AVOID NUISANCE TRIPPING OF THE FUSE DURING TRANSIENTS AND POWER UP. THE FUSE RATING SHOULD NOT EXCEED 1 3/4 A. SEE NOTE 323 FOR AVAILABLE FUSES.

CIRCUIT NOTES: (CONT.)

105. ALL SIGNALING IS DONE WITH RESPECT TO -48VRTN. THE STARTRTN PINS ARE TIED TO -48VRTN INTERNALLY. THE SIGNAL SENT BACK TO THE SWITCH FROM THE 15A (MUTE OR CUT-THROUGH) IS REFERENCED TO -48VRTN, I.E., IT CONSISTS OF A CLOSURE FROM THE MUTE PINS TO -48VRTN (SIGNALING GROUND). WHEN THE UNITS ARE POWERED FROM A CENTRALIZED BATTERY PLANT, THE 15A IS CONNECTED TO THE SWITCH SIGNALING GROUND BY MEANS OF THE POWERING CONNECTION.

106. THE RRU MODULAR JACK J2 IS OPTIONAL. WHEN THE 15A IS EQUIPPED WITH THE 400A REMOTE RECORD UNIT, THE JACK J2 IS USED TO INTERCONNECT AN ANALOG LINE DIRECTLY OR VIA THE ALD4 REMOTE RECORD CONCENTRATOR (SD97812-01).

107. THE 5ESS® DIP SWITCH POSITION ARE AS FOLLOWS:

CONFIGURATION:

SW1	HIGH
SW2	LOW
SW3-7	HIGH
SW8	LOW

ATTENUATION: ALL HIGH

108. RECOMMENDED 14A RECORDED ANNOUNCEMENT UNIT FUSE LOCATION IN HOST CABINET FOR THE MODULAR FUSE/FILTER UNIT (MFFU).

CODE	UNIT NO.	CHANNEL	MFFU POS.
14A	1	0	014A
14A	1	1	050A
14A	2	0	118A
14A	2	1	154A
14A	3	0	014C
14A	3	1	050C
14A	4	0	118C
14A	4	1	154C
14A	5	0	023A
14A	5	1	059A
14A	6	0	127A
14A	6	1	168A
14A	7	0	023C
14A	7	1	059C
14A	8	0	127C
14A	8	1	168C
14A	9	0	032A
14A	9	1	073A
14A	10	0	141A
14A	10	1	177A
14A	11	0	032C
14A	11	1	073C
14A	12	0	141C
14A	12	1	177C
14A	13	0	014B
14A	13	1	050B
14A	14	0	118B
14A	14	1	154B
14A	15	0	014D
14A	15	1	050D
14A	16	0	118D
14A	16	1	154D
14A	17	0	023B
14A	17	1	059B
14A	18	0	127B
14A	18	1	168B

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		D1

PRINTED IN U.S.A.

CIRCUIT NOTES: (CONT)

109. THE VOLTAGE REQUIRED FOR THE 16A SHOULD BE OBTAINED FROM THE -48V BATTERY PLANT. THE SYSTEM IS POWERED THROUGH THE TERMINAL BLOCK. ALWAYS CHECK VOLTAGE POLARITY BEFORE APPLYING POWER. THE INPUT VOLTAGE REQUIREMENTS ARE -20.5 VDC TO -60VDC MEASURED AT THE INPUT OF THE 16A. THE NOMINAL CURRENT DRAIN OF EACH BLD3 PACK IS 130MA AT -48VDC. THE NOMINAL CURRENT DRAIN OF THE BLD10 PACK IS 400MA AT -48VDC. MAXIMUM CURRENT DRAIN IS 800MA AT -48VDC FOR A FULLY CONFIGURED SYSTEM.

110. THE 16A SYSTEM SHOULD BE POWERED AND FUSED SEPARATELY. WHEN USING STANDARD TELECOMUNICATION FUSES, A RATING OF 1.5A OR HIGHER COULD BE USED TO AVOID NUISANCE TRIPPING OF THE FUSE DURING TRANSIENTS AND POWER UP. THE FUSE RATING SHOULD NOT EXCEED 2A.

THE RRU MODULAR JACK J2 IS OPTIONAL. WHEN THE BLD3 IS EQUIPPED WITH A 400B REMOTE RECORD MODULE, THE J2 JACK IS USED TO INTERCONNECT AN ANALOG LINE DIRECTLY OR VIA THE ALD4 REMOTE RECORD CONCENTRATOR (SD-97812-01).

111. DIP SWITCH SETTINGS ARE AS FOLLOWS:

BLD10: SW1-2 HIGH, SW3-4 LOW, SW5 HIGH,
SW6-8 LOW, SW9-12 OPTIONAL
SWITCHES 9-12 ARE USED TO SELECT MUSIC-ON-HOLD OR OTHER EXTERNAL SOURCE CONNECTIONS. PLACING THE SWITCH HIGH ENABLES THE SOURCE. PLACING THE SWITCH LOW SELECTS THE REGULAR ASSIGNED ANNOUNCEMENT CHANNEL.

BLD3 CONFIGURATION: SW1 HIGH, SW2 LOW,
SW8 LOW SW3-7 HIGH,
BLD 3 ATTENUATION: ALL HIGH

112. POWER TO THE SYSTEM IS PROVIDED THROUGH THE TERMINAL BLOCK ON THE BACKPLANE AND IS OBTAINED BY THE BLD3 THROUGH ITS 50 PIN CONNECTOR

113. ALL SIGNALS CONNECTED VIA THIS 50 PIN CONNECTOR ARE USED INTERNALLY WITHIN THE 16A SYSTEM THROUGH THE BACKPLANE.

MISCELLANEOUS CABINET (6 FT)

DWG SIZE C2 | ISSUE 32B | SHEET D2

AT&T | SD-5D130-01

PRINTED IN U.S.A.

EQUIPMENT NOTES:

201. THE MISCELLANEOUS CABINET IS OFFICE ENGINEERED. CERTAIN UNITS ARE REQUIRED FOR THE BASIC SYSTEM AND ARE LISTED. SEE NOTES 315, 316 AND 319 FOR TYPICAL CONFIGURATIONS AND RESTRICTIONS.

202. FUSING FOR MISCELLANEOUS CABINETS SHALL BE ENGINEERED TO SUIT THE INDIVIDUAL REQUIREMENTS OF EACH OFFICE. SEE NOTES 317 AND 318 FOR TYPICAL FUSING ASSIGNMENTS AND RESTRICTIONS.

203. TS2 MAY USE BERG CONNECTORS. THE ROW OF PINS AT THE TOP AND BOTTOM SHALL NOT BE WIRED TOO. THEY ARE USED FOR THE 143A APPARATUS MOUNTING.

204. TERMINALS ON TERMINAL STRIP ARE MALE CONTACTS. USE PRESS-ON TERMINAL LUG (FEMALE) PER AMP 41274.

205. ALL CONNECTIONS TO TERMINAL BLOCKS REQUIRE A THOMAS AND BETTS LUG 8857 OR EQUIVALENT.

206. 3 WIRE SERVICE CORD FURNISHED WITH DATA SET CABINET.

207. FEEDER WIRES SHALL BE 6 AWG IF 0-50 FT.
FEEDED WIRES SHALL BE 2 AWG IF 50-100 FT.

208. 1.0V MAX LOOP DROP
#16 AWG UP TO 40 FEET ONE WAY.
#14 AWG UP TO 64 FEET ONE WAY.

209. IF THE POWER DISSIPATED IN A MISCELLANEOUS CABINET IS EXPECTED TO EXCEED 200 WATTS, CONSIDERATION SHOULD BE

210. THIS IS JOB ASSIGNED AND ONLY REQUIRED IF ALARM REPORTING EQUIPMENT REQUIRES VOLTAGE

211. THE 15A IS A 16 CHANNEL (8 CHANNELS PER BOARD) SYSTEM, RELIABLE, NEEDS NO BATTERIES FOR MEMORY BACKUP AND HAS A LOW INSTALLATION COST.

212. IF 2 MINUTE OR 4 MINUTE LENGTH MESSAGES ARE REQUIRED, THE 13A WILL STILL BE REQUIRED.

213. TO CAUSE MINIMUM INTERFERENCE TO THE AUDIO SIGNALS THE 15A ANNOUNCEMENT SYSTEM SHOULD NOT BE LOCATED IN THE SAME FRAME OR ADJACENT TO EQUIPMENT WHICH PRODUCES EXTRAORDINARY ELECTRICAL ACTIVITY (SUCH AS RINGING TONE EQUIPMENT OR INTERRUPTER CIRCUITS).

214. NO MINIMUM SEPARATION REQUIRED BETWEEN 15A EQUIPMENT.

215. THE 15A SHELF CAN BE POPULATED WITH 1 OR 2 BLD1'S OR BLD2'S. THE USER CHOICES ARE:

8 OR 16 CHANNELS WITH 20 SECONDS EACH OF RECORD/REPRODUCE ANNOUNCEMENT VIA 1 OR 2 BLD1'S IN A SHELF.

8 OR 16 CHANNELS WITH 40 SECONDS EACH OF RECORD/REPRODUCE ANNOUNCEMENT VIA 1 OR 2 BLD2'S IN A SHELF.

8 CHANNELS WITH 20 SECONDS AND 8 CHANNELS WITH 40 SECONDS EACH OF RECORD/REPRODUCE ANNOUNCEMENT SERVICE VIA ONE BLD1 AND ONE BLD2.

EACH ONE OF THESE OPTIONS CAN BE PROVIDED WITH REMOTE RECORD CAPABILITY BY INCLUDING A 400A CIRCUIT MODULE WITH EACH BLD1/BLD2 CIRCUIT PACK.

EQUIPMENT NOTES: (CONT)

216. THE 16A ANNOUNCEMENT SYSTEM PROVIDES RECORD AND PLAYBACK SERVICE. IT INTERCONNECTS TO DIGITAL TRUNKS OF THE 5ESS. THE 16A CONSISTS OF FOUR CIRCUIT PACKS MOUNTED SIDE-BY-SIDE ON TWO LEVELS TO CREATE A 24 CHANNEL SYSTEM WITHIN A HEIGHT OF 3.4 INCHES.

217. TO CAUSE MINIMUM INTERFERENCE TO THE AUDIO SIGNALS THE 16A ANNOUNCEMENT SYSTEM SHOULD NOT BE LOCATED IN THE SAME FRAME OR ADJACENT TO EQUIPMENT WHICH PRODUCES EXTRAORDINARY ELECTRICAL ACTIVITY (SUCH AS RINGING AND TONE EQUIPMENT, OR INTERRUPTER CIRCUIT.)

218. SEE AT&T PRACICES 201-523-101 FOR DIP SWITCH SETTINGS
FOR LINE EQUALIZATION SETTINGS FOR THE DIGITAL INTERFACE (SW1 TO SW3). SELECT BETWEEN T1 AND E1 (SW4).
(BLD10 RELEASE 1 ONLY SUPPORTS T1)
SIGNALING OPTIONS (SW5 & SW7). LOOPBACK TEST (SW6).
MUSIC-ON-HOLD INDIVIDUALLY OPTIONABLE (SW8 TO SW12).

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		03

PRINTED IN U.S.A.

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	PROVIDE APP OR WIRE	PROVIDE QUANTITY
FUSE/FILTER UNIT			1	ZK	1 PER CABINET
DC TO AC INVERTER EMERGENCY 120V AC PROTECTED SUPPLY TO MCC OR DATA SET CABINET.			2	Q	AS REQUIRED
DC TO AC INVERTER EMERGENCY 120V AC PROTECTED SUPPLY TO T/DC.				N	
EQUIPMENT REQUIRED TO PROVIDE OHER/RESISTOR PANEL AND FOUR FUSES.			3		AS REQUIRED MAX 2 PER CABINET
CONVERTER AND LOCAL FRAME UNIT PROVIDES MOUNTING FOR DC TO DC CONVERTER. TERMINAL STRIP FOR DISTRIBUTION OF ABS POWER AND ABS RINGER FUSE.	LINE CIRCUIT FOR INTERCABINET COMMUNICATIONS		4	X	AS REQUIRED
	DC TO DC CONVERTER AND FUSE		6	U,V	1 (OFFICES EQUIPPED WITH LINE UNITS)
EQUIPMENT REQUIRED IN ADDITION TO APPARATUS FIGURES 4 AND 6 TO PROVIDE FOR THE DIAL TONE DELAY ALARM CIRCUIT <5E1(2)1.			5	V	
EQUIPMENT REQUIRED IN ADDITION TO APPARATUS FIGURES 4 AND 6 TO PROVIDE FOR THE EXTERNAL SANITY MONITOR CIRCUIT >5E1(2)1				U	
OFFICE ALARM UNIT	SINGLE MOD ENVIRON	EQUIPMENT REQUIRED TO PROVIDE 48 SCANS AND AUDIBLE AND VISUAL ALARM INDICATIONS.	7	R	1 PER HOST
	MULTI MOD ENVIRON	ADDITIONAL EQUIPMENT REQUIRED TO PROVIDE SCAN 48-96		W	
	MULTI MOD ENVIRON	ADDITIONAL EQUIPMENT REQUIRED TO PROVIDE SCAN 97-97 FOR PCFD 6 & 7	7	ZJ	AS REQUIRED
TO FACILITATE CABLING FOR AN CAU WHICH CONNECTS TO A RARU.			7	J	AS NEEDED
EQUIPMENT REQUIRED TO PROVIDE 1 13A ANNOUNCEMENT UNIT AND FUSE.			8	ZN	1 PER 8 CHANNELS AS REQUIRED MAX 4 PER CABINET
EQUIPMENT REQUIRED TO PROVIDE 1 13A+ ANNOUNCEMENT UNIT AND FUSE			8	ZO	1 PER 8 CHANNELS AS REQUIRED MAX 4 PER CABINET
MODULAR FUSE FILTER UNIT			1*	ZL	1 PER CABINET
MFFU-40I CARD RSM ONLY			1	ZM	

302. (CONT).

FEATURE OR OPTION		PROVIDE APP FIG	PROVIDE APP OR WIRE	PROVIDE QUANTITY
INDUCTOR UNIT		9	Y	1 PER CABINET EQUIPPED WITH UP TO 4 13A ANNOUNCEMENT UNITS
REMOTE ALARM UNIT REQUIRED TO PROVIDE AUDIBLE AND VISUAL ALARM INDICATIONS IN A REMOTE OFFICE NOT EQUIPPED WITH AN ALARM AND STATUS UNIT IN THE SMC <5E2(2).		10	T	AS REQUIRED
REMOTE ALARM RELAY UNIT	VISUAL INPUTS	17	S	AS REQUIRED
	AUDIBLE INPUTS		M	
EQUIPMENT REQUIRED TO PROVIDE THE POWER DISTRIBUTION FUNCTION FROM A MISCELLANEOUS CABINET FOR RSM ONLY.		18	ZF	AS REQUIRED
REDESIGNED POWER DIST. CONTROL PANEL PDCP		18	ZG	AS REQUIRED
LED'S FOR PDCP WHICH IS IN A MISCELLANEOUS CABINET		18	G	AS NEEDED
MISCELLANEOUS CABINET WITH POWER DISSIPATION >200W				(SEE NOTE 209)
TRANSMISSION RATE CONVERTER UNIT REQUIRED TO PROVIDE OPTICAL INTERFACE BETWEEN A HOST OFFICE AND TRANSMISSION FACILITIES TO AN ORM.		19	L	1 PER 2 ORM
APPARATUS FOR SECOND ORM			K	
NEW DESIGNED LIGHTGUIDE INTERCONNECTION MODULE		20	ZI	1 PER TRM AND 1 PER HOST PER 3 TRM
LIGHTGUIDE STRANDED CABLE INTERCONNECTION MODULE REQUIRED TO PROVIDE OPTICAL INTERFACE BETWEEN HOST OFFICE AND TRM WHEN NON-METALLIC SHEATH CABLE IS NOT USED.		20	ZH	
14A ANNOUNCEMENT FOR HOST OFFICE		21	ZB	AS REQUIRED
14A ANNOUNCEMENT FOR HOST OFFICE		21	ZC	
14A ANNOUNCEMENT FOR RSM		22	ZD	
14A ANNOUNCEMENT FOR RSMS		22	ZE	
LINK ADAPTER UNIT		23		
TRANSMISSION RATE CONVERTER UNIT (2) REQUIRED TO PROVIDE OPTICAL INTERFACE BETWEEN A HOST OFFICE AND TRANSMISSION FACILITIES TO AN ORM		24	E	AS REQUIRED
APPARATUS FOR SECOND ORM			F	

302. (CONT).

FEATURE OR OPTION			PROVIDE APP FIG	PROVIDE APP OR WIRE	PROVIDE QUANTITY
3 FAN UNIT		CO	25	D	1 PER CAB
		REMOTE		C	
+48 DC POWER DISTRIBUTION UNIT FOR EXPORT ANALOG TRUNK UNITS (ATU) (SEE NOTE 302)	0-181 ANALOG TRUNKS (5 ATU'S)	FUSE PANEL EQUIPPED WITH FUSE ALARM TERMINAL STRIP	11		1
		EQUIPMENT REQUIRED TO PROVIDE ONE CONTROL AND DISCHARGE PANEL, ONE CONVERTER ASSEMBLY AND TWO CONVERTERS	14		1
	182-750 ANALOG TRUNKS (23 ATU'S)	EQUIPMENT REQUIRED TO PROVIDE ONE CONVERTER ASSEMBLY AND ONE CONVERTER	15		1
		EQUIPMENT REQUIRED TO PROVIDE ONE ADDITIONAL FUSE PANEL	12		1
	756-1500 ANALOG TRUNKS (48 ST UTS)	EQUIPMENT REQUIRED IN ADDITION TO APP FIGURE 15 TO PROVIDE ONE ADDITIONAL CONVERTER	18		1
		EQUIPMENT REQUIRED TO PROVIDE ONE ADDITIONAL FUSE PANEL	12		1
	1501-2304 ANALOG TRUNKS (72 ATU'S)	EQUIPMENT REQUIRED TO PROVIDE ONE ADDITIONAL CONVERTER ASSEMBLY AND CONVERTER	15		1
		EQUIPMENT REQUIRED TO PROVIDE ONE ADDITIONAL FUSE PANEL	12		1
	2305-2500 ANALOG TRUNKS (78 ATU'S)	EQUIPMENT REQUIRED TO PROVIDE ONE ADDITIONAL FUSE PANEL	12		1
	2501-3700 ANALOG TRUNKS (115 ATU'S)	EQUIPMENT REQUIRED IN ADDITION TO THE SECOND APP FIGURE 15 TO PROVIDE AN ADDITIONAL CONVERTER	16		1
PROVIDE ONE +48 VOLT FUSE FOR 0 BUS AND ONE +48 VOLT FUSE FOR 1 BUS			13		1 PER ATU
DC TO AC INVERTER EMERGENCY 120V AC PROTECTED SUPPLY TO MCC OR DATA SET CABINET.			26	Q	AS REQUIRED
DC TO AC INVERTER EMERGENCY 120V AC PROTECTED SUPPLY TO T/DC.				N	
MUSIC-ON-QUEUE			27		AS NEEDED (SEE NOTES 305 THRU 310)
ADDITIONAL CIRCUITS FOR MUSIC-ON-QUEUE			28		
MUSIC - ON - QUEUE 220V 50H			29		AS NEEDED (SEE NOTES 305, 307 - 310)
ADDITIONAL CIRCUITS FOR MUSIC - ON - QUEUE 220V 50H			30		
EQUIPMENT REQUIRED TO PROVIDE LED'S IN THE ORIGINAL BEZEL			31	B	AS REQUIRED

302. (CONT).

FEATURE OR OPTION	PROVIDE APP FIG	PROVIDE APP OR WIRE	PROVIDE QUANTITY
EQUIPMENT REQUIRED TO PROVIDE LED'S IN EDS0894 BEZEL E/W FAN UNIT AND FUSE FILTER / FILTER	31	A	AS REQUIRED
EQUIPMENT REQUIRED TO PROVIDE LED'S IN EDS0894 BEZEL E/W FUSE/FILTER AND PDP OR CONVERTER	31	ZA	AS REQUIRED
13A/14A REMOTE RECORD UNIT	32		AS REQUIRED
REMOTE RECORD CONCENTRATOR	33		AS REQUIRED
15A ANNOUNCEMENT SYSTEM	34	ZR	
BLD3 PACK - EIGHT UNIQUE 60 SECOND ANNOUNCEMENTS	35	ZS	MAX 3 PER APP FIG. 40 SEE NOTE 213
BLD4 PACK - EIGHT UNIQUE PHASED 60 SECOND ANNOUNCEMENTS	36	ZT	MAX 2 PER APP FIG. 34 SEE NOTE 213
400B REMOTE RECORD PACK	37	ZU	MAX 1 PER APP FIG. 35 OR 36 SEE NOTE 213
EQUIPMENT REQUIRED TO PROVIDE LED'S IN ED50745 INDICATOR STRIP E/W FAN UNIT AND MFFU	38	ZW	AS REQUIRED
EQUIPMENT REQUIRED TO PROVIDE LED'S IN ED50745 INDICATOR STRIP E/W MFFU AND PDP OR CONVERTER	39	ZX	AS REQUIRED
16A ANNOUNCEMENT SYSTEM	40	ZY	
J1C287A-1, L15 (BLD5) EIGHT RECORDED ANNOUNCEMENTS EACH UP TO 120 SECONDS IN LENGTH.	41	ZZ	MAX 2 PER APP FIG 34
J1C287A-1, L20 (BLD20) FOUR RECORDED ANNOUNCEMENTS EACH UP TO 60 SECONDS	42	XA	MAX 2 PER APP FIG 34
J1C287A-1, L21 (BLD21) FOUR RECORDED ANNOUNCEMENTS EACH WITH UP TO 60 SECONDS WITH RING TONE	43	XB	MAX 2 PER APP FIG 34
J1C287A-1, L22 (BLD22) FOUR RECORDED ANNOUNCEMENTS EACH UP TO 120 SECONDS	44	XC	MAX 2 PER APP FIG 34
J1C287A-1, L23 (BLD23) FOUR RECORDED ANNOUNCEMENTS EACH UP TO 120 SECONDS WITH RING TONE	45	XD	MAX 2 PER APP FIG 34

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T | SD-5D130-01 | SHEET 04

PRINTED IN U.S.A.

INFORMATION NOTES (CONT):

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
2B	S,T	T		S,T		
2B	S,R	R		S,R		
2B	Q,N	Q		Q,M		
4AC	M,S,T	S,T		M,S,T		
4AC	M,S,R	S,R		M,S,R		
				AVAIL		DA
9B*	M,J	M		J		M
13M	FIG. 2 OR 26	2		26		2
14B	FIG. 27 OR 28	NONE	305 THRU 310	27,28		
18M	B,A,ZA	B		A,ZA		B
19B	FIG 29 OR 30	NONE	305 307 THRU 310	29, 30		
21A	D,C	D		D,C		
22M	ZB,ZC D,ZE ZF,ZG ZH,ZI	ZB ZD ZF ZH		ZC ZE ZG ZI		ZB ZD ZF ZH
25A	ZJ			ZJ		
26B	ZK,ZL ZM	ZK		ZL ZN		ZK
27B	ZN,ZO	ZN		ZO		ZN
30B				ZP,ZS ZT,ZU		
32B				ZY,ZZ XA,XB XC,XD		

PRIOR TO ISSUE 9B, COLUMNS HEADED 'STD','MD', ETC., CONVEYED APPLICATION INFORMATION. AT ISSUE 9B, COLUMNS HEADED 'AVAIL' AND 'DA' NOW INDICATE THE AVAILABILITY OF THE PRODUCT.

304. THERE ARE TWO TYPES OF CONNECTING BLOCKS USED ON DISTRIBUTING FRAMES - CONVENTIONAL AND COSMIC II. FOR CONVENTIONAL ARRANGEMENT SEE ED-5D025-01 AND ED-5D027-01. FOR COSMIC II ARRANGEMENT SEE ED-5D026-01 AND ED-5D028-01.

305. EACH MUSIC-ON-QUEUE CIRCUIT (J1A033GR-1) PROVIDES MUSIC TO UP TO 22 TRUNK CIRCUITS. UP TO TWO ADDITIONAL DISTRIBUTION UNITS (J1A033GU-1) MAY BE CONNECTED TO EACH MUSIC-ON-QUEUE CIRCUIT AS REQUIRED TO PROVIDE MUSIC TO A MAXIMUM OF 66 TRUNK CIRCUITS. FOR ADDITIONAL INFORMATION SEE SO1A432-01 AND CD1A432-01.

INFORMATION NOTES (CONT):

306. AC POWER REQUIREMENTS (PER J1A033GR-1,FS19)

AC VOLTAGE - 115 ± 5%
1PH CURRENT LOAD - .85 AMPS @ 1.0PF
POWER FACTOR CORRECTION - NONE
FUSE - ≥ 7.5A < 12A
ASSURANCE OF OPERATION OF INTERNAL FUSES.

307. TO POWER DISTRIBUTION CIRCUIT (ESSENTIAL). REFER TO POWER DISTRIBUTION CIRCUIT (SD5D004-01) AND ED5D021-11, ED5D094-01, ED5D022-01, SD5D005-01.

308. THE OUTPUT LEVEL OF THE MUSIC SIGNAL TOWARD THE SUBSCRIBER LINE SHOULD NOT EXCEED -16DBM. THE ACTUAL LEVEL TRANSMITTED IS LEFT TO THE DESCRETION OF THE TELEPHONE OFFICE, BUT IT SHOULD BE ADJUSTED TO COINCIDE WITH THE LEVEL OF THE OFFICE'S RECORDED ANNOUNCEMENTS.

309. THE AMPLIFIERS ARE DUPLICATED FOR RELIABILITY. THE STANDBY UNIT SHOULD BE LEFT IN THE POWER-OFF MODE.

310. MOQU AMPLIFIERS SHOULD BE SET AT 600 INPUT TO MATCH 300W VOICE COUPLER. JUMPER TB1 5 & 6.

311. AC POWER REQUIREMENTS (PER J1A033GR-1, FS21,FS22 AND FS23) AC VOLTAGE -230 V ± 10% CURRENT LOAD .85AMPS

312. FOR ENGINEERING THE FIBER IN THIS SHELF SEE LGX DISTRIBUTION SYSTEM SYSTEM REFERENCE GUIDE A T&T 636-299-120 AND AT&T CATALOG LIGHTGUIDE FIBER OPTIC CABLE AND APPARATUS TECHNICAL ASSISTANCE 1-800-624-1931

313. OPTION ZJ IS FOR OFFICES WITH PCFD CABINET 6 OR CABINETS 6 AND 7. PROVIDES WIRING FOR ALARMING THESE CABINETS.

314. ····· FUSES ·····

406 883 971	WP-91768-L104	0.50 AMP - FAST ACTING
406 599 308	WP-92458-L2	1.25 AMP - VERY FAST ACTING
406 883 895	WP-91768-L108	3.00 AMP - FAST ACTING
406 883 887	WP-91768-L110	6.00 AMP - FAST ACTING

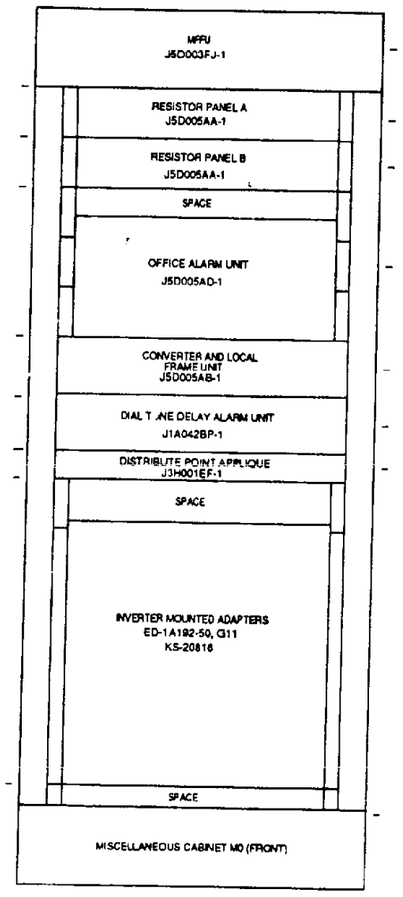
MISCELLANEOUS CABINET (6 FT)

DWG SIZE C2 | ISSUE 32B | AT&T | SD-5D130-01 | SHEET D5

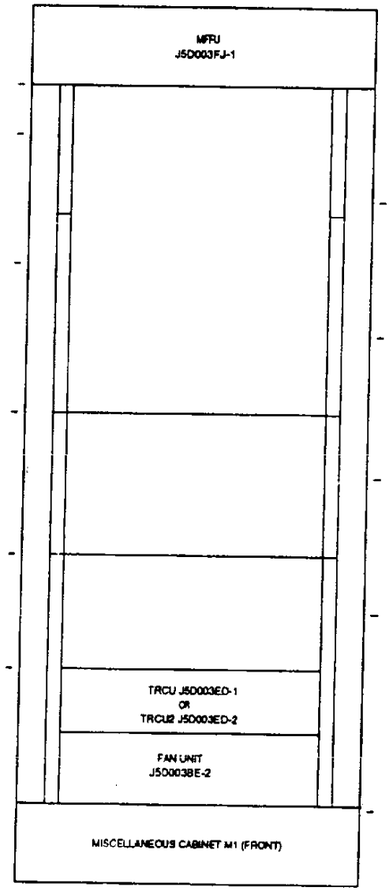
PRINTED IN U.S.A.

INFORMATION NOTES (CONT):

315. THE FOLLOWING REPRESENTATION IS A TYPICAL CONFIGURATION OF MISCELLANEOUS CABINETS IN A 5ESS OFFICE.



315. (CONT)



FRONT VIEW (DOORS REMOVED)

CONFIGURATION NOTES:

1. 13A ANNOUNCEMENT UNITS MAY NOT BE EQUIPPED ON ANY MISCELLANEOUS CABINET HAVING THE KS-20818 INVERTER, THE J1A042BP-1 DTDAU AND J3H001EF-1 DPAU OR THE J5D005AD-1 OAU. TRCU/TRCU2.

2. A MAXIMUM OF FOUR 13A ANNOUNCEMENT UNITS MAY BE EQUIPPED PER MISCELLANEOUS CABINET. IF FEWER THAN FOUR 13A ANNOUNCEMENT UNITS ARE REQUIRED, RESISTOR PANELS MAY ALSO BE EQUIPPED. MOUNT 13A AT EQL 20 OR LOWEST POSSIBLE EOL.

RESISTOR PANEL		13A UNIT	
QTY	VERT EQL	QTY	VERT EQL
0	——	4	20,30,40,50
1	60	3	20,30,40
2	60,58	2	20,30

NA { 3. THE J5D005CA-1 INDUCTOR PANEL IS REQUIRED FOR ANY MISCELLANEOUS CABINET THAT IS EQUIPPED WITH A 13A AND / OR 14A ANNOUNCEMENT UNIT AND SHALL BE MOUNTED AT VERTICAL EQL 64. }

4. WHEN FOUR RESISTOR PANELS ARE EQUIPPED ON A MISCELLANEOUS CABINET, NO OTHER UNITS MAY BE EQUIPPED ON THAT CABINET.

5. FOR MOUNTING 14A, IT IS RECOMMENDED THAT A MINIMUM OF TWO INCHES CLEARANCE BE PROVIDED ABOVE AND BELOW ADJACENT EQUIPMENT ONE INCH BETWEEN 14A UNITS.

6. TRCU (J5D003ED-1) AND/OR TRCU2 (J5D003ED-2) SHOULD BE MOUNTED DIRECTLY ABOVE A FAN UNIT. THESE ARE THE ONLY UNITS THAT REQUIRE A FAN UNIT IN THIS CABINET.

MISCELLANEOUS CABINET (6 FT)

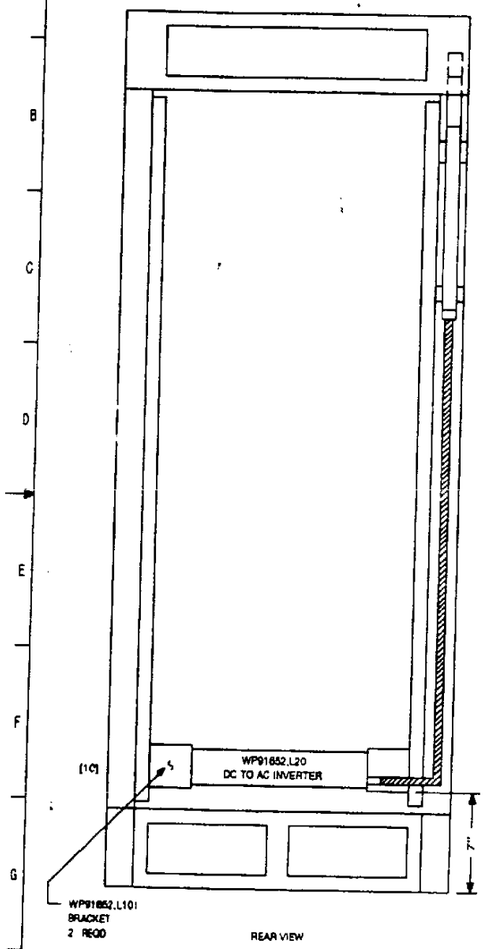
DWG SIZE: C2 | ISSUE: 32B

AT&T | SD-5D130-01 | SHEET: D6

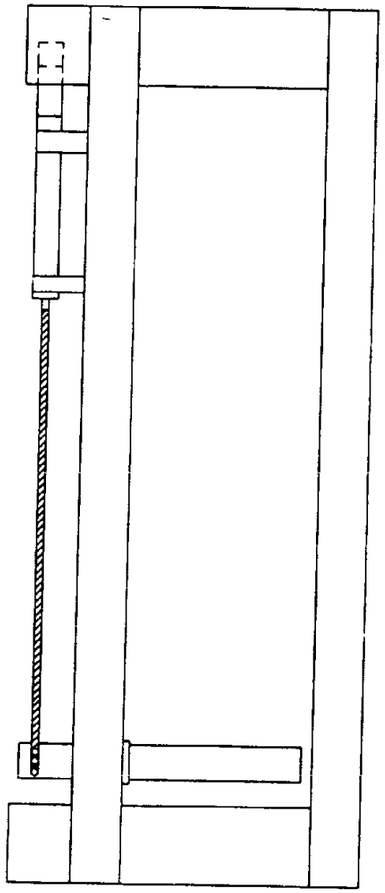
PRINTED IN U.S.A.

INFORMATION NOTES: (CONT.)

315. (CONT.)



REAR VIEW



SIDE VIEW

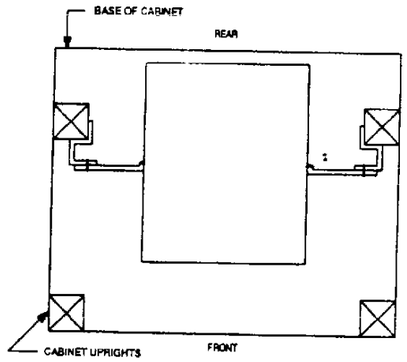


FIG. M

LOCATION OF MTG BRKTS FOR THE INVERTER

MISCELLANEOUS CABINET (6 FT)

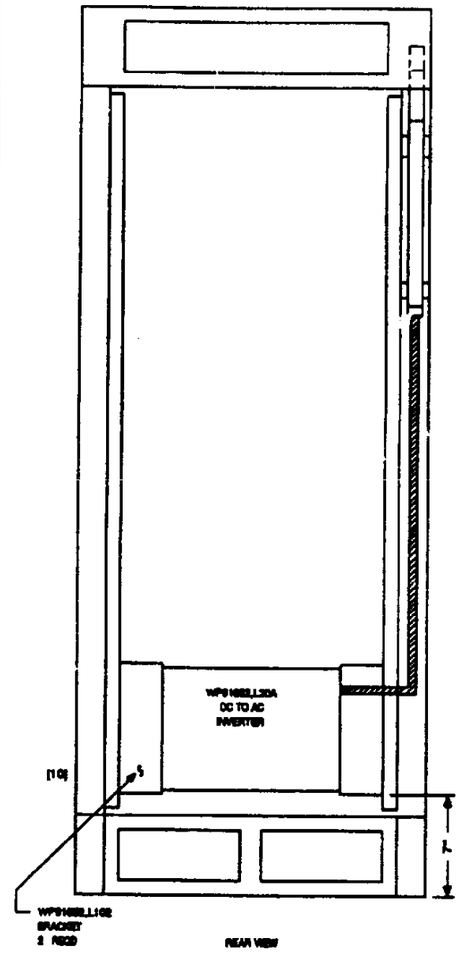
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET D7

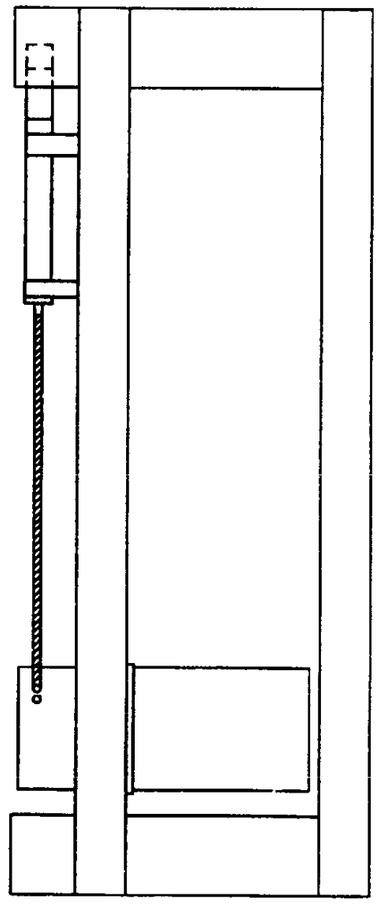
PRINTED IN U.S.A.

INFORMATION NOTES: (CONT.)

315. (CONT.)



REAR VIEW



SIDE VIEW

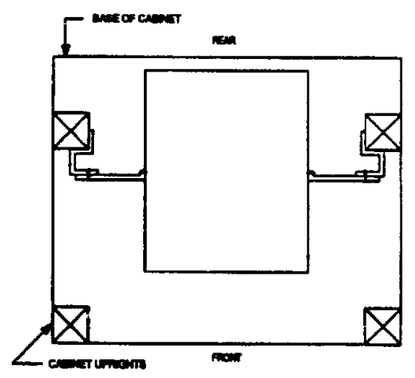


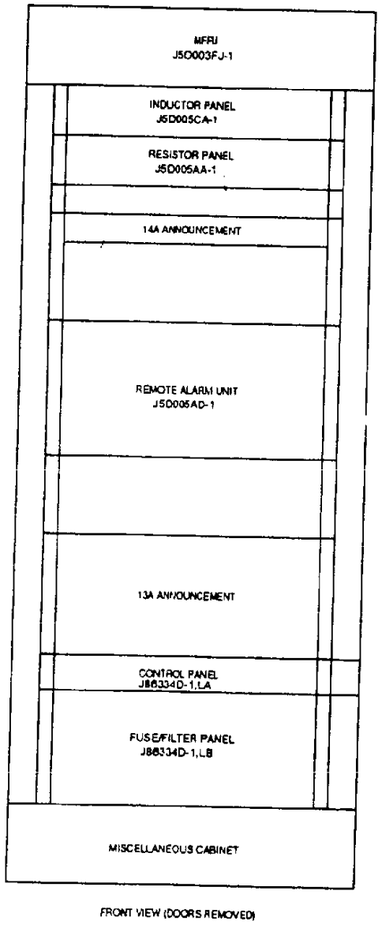
FIG. M1

LOCATION OF MTG BRKTS FOR THE INVERTER

MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	338
AT&T SD-5D130-01		SHEET 07A

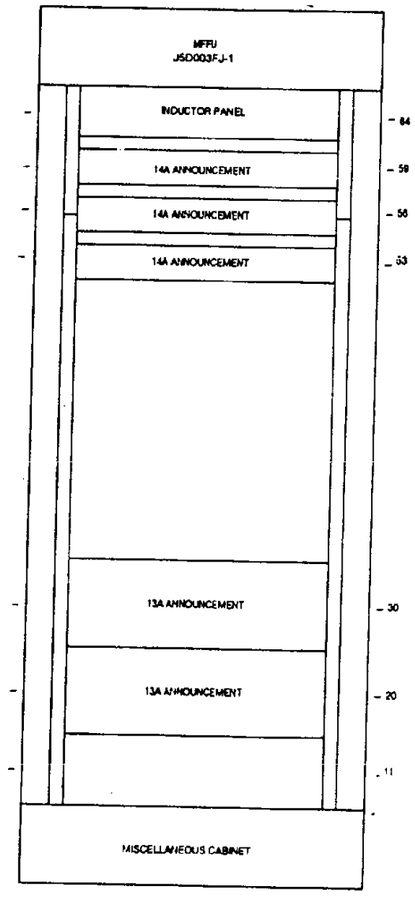
PRINTED IN U.S.A.

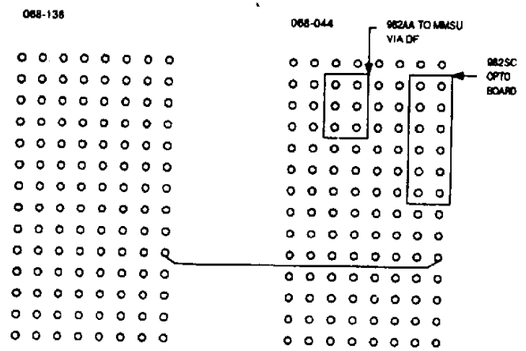
316. THE FOLLOWING REPRESENTATION IS A TYPICAL CONFIGURATION OF A MISCELLANEOUS CABINET IN AN RSM OFFICE.



FRONT VIEW (DOORS REMOVED)

INFORMATION NOTES (CONT)
318 B





TS2 LOCATION OF 982 CONNECTORS FOR RSM FUSE ALARM

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		D8

PRINTED IN U.S.A.

INFORMATION NOTES (CONT):

317. THE FOLLOWING TABLES IDENTIFY TYPICAL FUSING ASSIGNMENTS FOR MISCELLANEOUS CABINETS M0 AND M1 IN A 5ESS OFFICE

CABINET M0 (SEE FS 1A)

0 BUS

FUSE BLOCK EQL	03-042							
FUSE BLOCK TRM	8T,B	7T,B	6T,B	5T,B	4T,B	3T,B	2T,B	1T,B
FUSE POS	1T,B	2T,B	3T,B	4T,B	5T,B	6T,B	7T,3	8T,B
FUSE DESIG	LAU				LAU			
FUSE TYPE	70D				70D			
FUSE AMPS	5				5			
UNIT DESIG	LAU				LAU			
UNIT APP FIG.								
SEE NOTE								

FUSE BLOCK EQL	01-018							
FUSE BLOCK TRM	4T	4B	3T	3B	2T	2B	1T	1B
FUSE POS	1T	1B	2T	2B	3T	3B	4T	4B
FUSE DESIG	Ⓗ RAR	OA48V0	●UP48V	DPAR			TRC2	TRC0A
FUSE TYPE		70B	70H	70H			70C	70B
FUSE AMPS		2	3/4	3/4			3	2
UNIT DESIG	RAR	CAU	CONVCKT	DPAU			TRCU2	TRCU
UNIT APP FIG.	17	7	4	5			24	19
SEE NOTE	210							

FUSE BLOCK EQL	01-042							
FUSE BLOCK TRM	4T	4B	3T	3B	2T	2B	1T	1B
FUSE POS	5T	5B	6T	6B	7T	7B	8T	8B
FUSE DESIG	-48ALVB				RP0(A)	RP0(B)	RP1(A)	RP1(B)
FUSE TYPE	70H				70C	70C	70C	70C
FUSE AMPS	3/4				3	3	3	3
UNIT DESIG	RAU				RP(A)	RP(B)	RP(A)	RP(B)
UNIT APP FIG.	4				3	3	3	3
SEE NOTE					1	1	1	1

EQL	01-066							
TRM	4T	4B	3T	3B	2T	2B	1T	1B
POS	9T	9B	10T	10B	11T	11B	12T	12B
DESIG			FU			FU		TRC0B
TYPE			70A			70A		70B
AMPS			1 1/3			1 1/3		2
DESIG			FU			FU		TRCU
APP FIG.			25			25		19
NOTE								

1 BUS

FUSE BLOCK EQL	03-136							
FUSE BLOCK TRM	8T,B	7T,B	6T,B	5T,B	4T,B	3T,B	2T,B	1T,B
FUSE POS	9T,B	10T,B	11T,B	12T,B	13T,B	14T,B	15T,B	16T,B
FUSE DESIG	LAU				LAU			
FUSE TYPE	70D				70D			
FUSE AMPS	5				5			
UNIT DESIG	LAU				LAU			
UNIT APP FIG.								
SEE NOTE								

FUSE BLOCK EQL	01-112							
FUSE BLOCK TRM	4T	4B	3T	3B	2T	2B	1T	1B
FUSE POS	13T	13B	14T	14B	15T	15B	16T	16B
FUSE DESIG	Ⓢ RAR						TRC2	TRC1A
FUSE TYPE							70C	70B
FUSE AMPS							3	2
UNIT DESIG	RAR						TRCU2	TRCU
UNIT APP FIG.	17						24	19
SEE NOTE	210							

FUSE BLOCK EQL	01-136							
FUSE BLOCK TRM	4T	4B	3T	3B	2T	2B	1T	1B
FUSE POS	17T	17B	18T	18B	19T	19B	20T	20B
FUSE DESIG	RP2(A)	RP2(B)	RP3(A)	RP3(B)		CONV	OPAB	
FUSE TYPE	70C	70C	70C	70C		70D	70H	
FUSE AMPS	3	3	3	3		5	3/4	
UNIT DESIG	RP(A)	RP(B)	RP(A)	RP(B)		CONV	DPAU	
UNIT APP FIG.	3	3	3	3		6	5	
SEE NOTE	1	1	1	1				

EQL	01-160							
TRM	4T	4B	3T	3B	2T	2B	1T	1B
POS	21T	21B	22T	22B	23T	23B	24T	24B
DESIG		OA48V1	FU		FU			TRC1B
TYPE		70B	70A		70A			70B
AMPS		2	1 1/3		1 1/3			2
DESIG		CAU	FU		FU			TRCU
APP FIG.		7	25		25			19
NOTE								

CABINET M1 (SEE FS 1B)

0 BUS

FUSE BLOCK EQL	03-042							
FUSE BLOCK TRM	8T,B	7T,B	6T,B	5T,B	4T,B	3T,B	2T,B	1T,B
FUSE POS	1T,B	2T,B	3T,B	4T,B	5T,B	6T,B	7T,B	8T,B
FUSE DESIG								
FUSE TYPE								
FUSE AMPS								
UNIT DESIG								
UNIT APP FIG.								
SEE NOTE								

FUSE BLOCK EQL	01-018							
FUSE BLOCK TRM	4T	4B	3T	3B	2T	2B	1T	1B
FUSE POS	1T	1B	2T	2B	3T	3B	4T	4B
FUSE DESIG	13A(1)							
FUSE TYPE	70C							
FUSE AMPS	3							
UNIT DESIG	13A(1)							
UNIT APP FIG.	8							
SEE NOTE	2							

FUSE BLOCK EQL	01-042							
FUSE BLOCK TRM	4T	4B	3T	3B	2T	2B	1T	1B
FUSE POS	5T	5B	6T	6B	7T	7B	8T	8B
FUSE DESIG							14A	
FUSE TYPE							70F	
FUSE AMPS							1/4	
UNIT DESIG							14A	
UNIT APP FIG.							21	
SEE NOTE								

EQL	01-066							
TRM	4T	4B	3T	3B	2T	2B	1T	1B
POS	9T	9B	10T	10B	11T	11B	12T	12B
DESIG							13A(4)	
TYPE							70C	
AMPS							3	
DESIG							13A(4)	
APP FIG.							8	
NOTE							2	

1 BUS

FUSE BLOCK EQL	03-136							
FUSE BLOCK TRM	8T,B	7T,B	6T,B	5T,B	4T,B	3T,B	2T,B	1T,B
FUSE POS	9T,B	10T,B	11T,B	12T,B	13T,B	14T,B	15T,B	16T,B
FUSE DESIG								
FUSE TYPE								
FUSE AMPS								
UNIT DESIG								
UNIT APP FIG.								
SEE NOTE								

FUSE BLOCK EQL	01-112							
FUSE BLOCK TRM	4T	4B	3T	3B	2T	2B	1T	1B
FUSE POS	13T	13B	14T	14B	15T	15B	16T	16B
FUSE DESIG	13A(3)							
FUSE TYPE	70C							
FUSE AMPS	3							
UNIT DESIG	13A(3)							
UNIT APP FIG.	8							
SEE NOTE	2							

FUSE BLOCK EQL	01-136							
FUSE BLOCK TRM	4T	4B	3T	3B	2T	2B	1T	1B
FUSE POS	17T	17B	18T	18B	19T	19B	20T	20B
FUSE DESIG	14A							
FUSE TYPE	70F							
FUSE AMPS	1/4							
UNIT DESIG	14A							
UNIT APP FIG.	21							
SEE NOTE								

EQL	01-160							
TRM	4T	4B	3T	3B	2T	7B	1T	1B
POS	21T	21B	22T	22B	23T	23B	24T	24B
DESIG							13A(2)	
TYPE							70C	
AMPS							3	
DESIG							13A(2)	
APP FIG.							8	
NOTE							2	

FUSING NOTES:

1. EACH RESISTOR PANEL MUST BE POWERED FROM BOTH 0 AND 1 POWER BUSES (SEE TABLE A IN FS 4).

2. THE FUSE POSITION SUPPLYING -48 VOLT FILTERED POWER TO THE 13A AND 14A ANNOUNCEMENT SYSTEMS MUST BE ISOLATED FROM OTHER FUSES. A SEPARATE FUSE MUST BE USED FOR EACH ADDITIONAL 13A ALONG WITH A SEPARATE FUSE FOR EACH ADDITIONAL 14A CHANNEL.

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T

INFORMATION NOTES (CONT):

316. THE FOLLOWING TABLES IDENTIFY TYPICAL FUSING ASSIGNMENTS FOR A MISCELLANEOUS CABINET IN AN RSM.

RSM CABINET (SEE FS 1C) *

BUS	FUSE BLOCK	EQL TRM	03-042								01-018								01-042								01-066								EQL TRM
0	FUSE	POS	1T,B	2T,B	3T,B	4T,B	5T,B	6T,B	7T,B	8T,B	1T	1B	2T	2B	3T	3B	4T	4B	5T	5B	6T	6B	7T	7B	8T	8B	9T	9B	10T	10B	11T	11B	12T	12B	POS
		DESIG									(4) RAR								-48ALMB				RPO(A)		RP1(A)				14A				14A		DESIG
		TYPE											70A		70A				70H				70C		70C				70P				70F		TYPE
		AMPS											1 1/3		1 1/3				3/4				3		3				1/10				1/4		AMPS
	UNIT	DESIG									RAR		RU		RU				RAU				RP(A)		RP(A)				14A				14A		DESIG
		APP FIG.									17		25		25				4				3		3				22				22		APP FIG.
	SEE NOTE										210												1		1										NOTE

BUS	FUSE BLOCK	EQL TRM	03-136								01-112								01-136								01-160								EQL TRM
1	FUSE	POS	9T,B	10T,B	11T,B	12T,B	13T,B	14T,B	15T,B	16T,B	13T	13B	14T	14B	15T	15B	16T	16B	17T	17B	18T	18B	19T	19B	20T	20B	21T	21B	22T	22B	23T	23B	24T	24B	POS
		DESIG									(3) RAR								RP2(A)		RP3(A)						14A						13A(1)		DESIG
		TYPE												RU		RU			70C		70C						70F						70C		TYPE
		AMPS												70A		70A			3		3						1/4						3		AMPS
	UNIT	DESIG									RAR			1 1/3		1 1/3			RP(A)		RP(A)						14A						13A(1)		DESIG
		APP FIG.									17			RU		RU			3		3						22						8		APP FIG.
	SEE NOTE										210			25		25			1		1												2		NOTE

FUSING NOTES:

1. EACH RESISTOR PANEL MUST BE POWERED FROM BOTH 0 AND 1 POWER BUSES (SEE TABLE A IN FS 4).

2. THE FUSE POSITION SUPPLYING -48 VOLT FILTERED POWER TO TI- ; 13A AND 14A ANNOUNCEMENT SYSTEMS MUST BE ISOLATED FROM OTHER FUSES. ADDITIONAL FUSES MUST BE USED FOR EACH ADDITIONAL 13A ANNOUNCEMENT SYSTEM ALONG WITH A SEPARATE FUSE FOR EACH ADDITIONAL 14A CHANNEL AND LINE UNIT INTERFACE.

MISCELLANEOUS CABINET (6 FT)

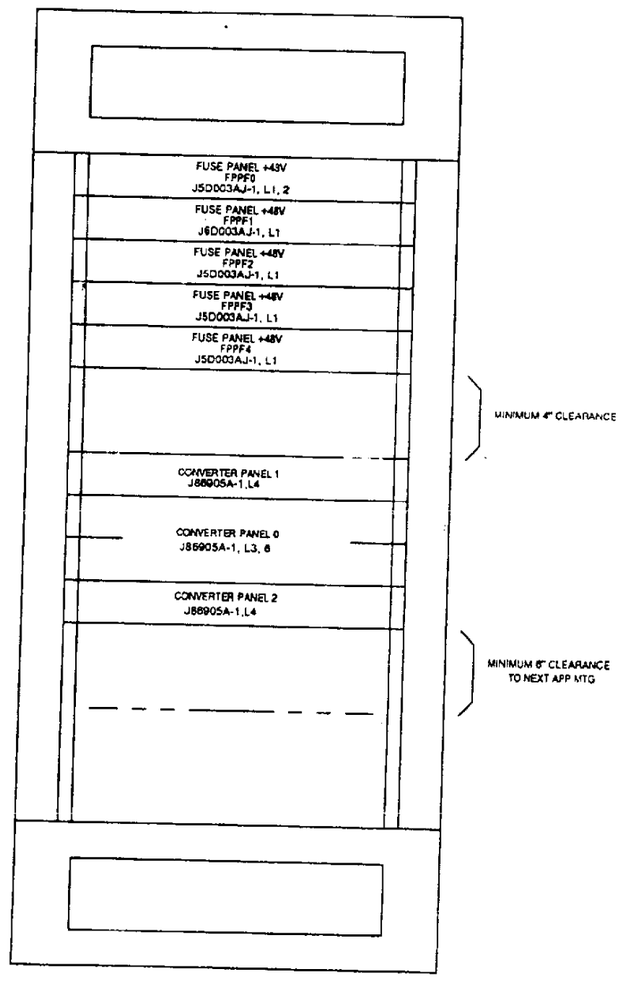
DWG SIZE C2 | ISSUE 32B | SHEET D10

AT&T | SD-5D130-01

PRINTED IN U.S.A.

INFORMATION NOTES (CONT):

319. A SINGLE 5ESS CABINET ED-5D184-70,G2 SHOULD BE USED FOR +48V (882A PLANT AND FUSES). THE FOLLOWING FIGURE SHOWS THE REQUIRED CABINET ARRANGEMENT.



INFORMATION NOTES (CONT):

320. FUSES ARE JOB ASSIGNED. EACH ANALOG TRUNK UNIT WILL BE FUSED WITH TWO FUSES, ONE FOR EACH SERVICE GROUP. THESE FUSES SHOULD BE ASSIGNED ONE FROM EACH POWER BUS.

321. OTHER EQUIPMENT MAY BE MOUNTED IN THE +48V CABINET. HOWEVER FUSE/FILTER UNITS AND ALARM WIRING MUST BE ADDED.

322. POWER REQUIREMENT TABLE FOR ESTIMATING NUMBERS OF FUSE PANEL AND POWER UNITS FOR ANALOG TRUNK UNITS.

NUMBER OF TRUNK CIRCUITS REQUIRING +48V	NUMBER OF ANALOG TRUNK UNITS (IF ALL CIRCUITS REQUIRE +48V)	AVERAGE AMPERES OF +48V REQUIRED	FUSES REQUIRED	FUSE PANELS REQUIRED	CONVERTERS REQUIRED	COMBINED TOTAL OUTPUT CURRENT RATING OF EQUIPPED POWER UNITS
181	5	2.3	10	1	2	2.3A
757	23	4.6	46	1	3	4.6A
1500	46	8.9	92	2	4	6.9A
2304	72	8.7	144	3	5	9.2A
2500	78	9.2	156	4	5	9.2A
3700	115	11.5	230	5	6	11.5A

323. THE FUSES LISTED BELOW ARE 5ESS APPROVED FOR USE IN THE NEW MODULAR FUSE/FILTER UNIT (MFFU). THE PROTECTION PROVIDED BY THE FUSE SELECTED IS BASED ON THE FUSING CHARACTERISTICS DESCRIBED IN THE "WP" SPECIFICATION NOTED. FUSE SELECTION MUST BE BASED ON A BALANCE BETWEEN "NUISANCE BLOWING" AND FIRE PROTECTION, AND IS THE RESPONSIBILITY OF THE SPECIFIER. ALL MFFU FUSE BLOCKS WILL ACCOMODATE WP-91768 FAST ACTING (NORMAL BLOW) OR WP-92458 VERY FAST ACTING (FAST BLOW) FUSES. FUSE SELECTION MUST COMPLY WITH 5ESS POWER CONSULTANT RECOMMENDATIONS AND MUST BE LISTED BELOW.

- USE SELECTION TABLE

PACKAGE	COMCODE	WP-SPEC	SIZE	DESCRIPTION
BULK	406883971	WP-91768,L104	0.50A	FAST ACTING
SINGLE	406747501	WP-91768,L104	0.50A	FAST ACTING
BULK	406599308	WP-92458,L2	1.25A	VERY FAST ACTING
SINGLE	406747519	WP-92458,L2	1.25A	VERY FAST ACTING
BULK	406708545	WP-91768,L107	2.00A	FAST ACTING
SINGLE	406747527	WP-91768,L107	2.00A	FAST ACTING
BULK	406893895	WP-91768,L108	3.00A	FAST ACTING
SINGLE	406747535	WP-91768,L108	3.00A	FAST ACTING
BULK	406893887	WP-91768,L110	5.00A	FAST ACTING
SINGLE	406747543	WP-91768,L110	5.00A	FAST ACTING
BULK	406893903	WP-91768,L112	7.00A	FAST ACTING
SINGLE	406747550	WP-91768,L112	7.00A	FAST ACTING
BULK	406599324	WP-92458,L11	10.00A	VERY FAST ACTING
SINGLE	406747568	WP-92458,L11	10.00A	VERY FAST ACTING
BULK	406599332	WP-92458,L12	12.00A	VERY FAST ACTING
SINGLE	406747576	WP-92458,L12	12.00A	VERY FAST ACTING
- SPECIAL APPLICATION FUSES - THE FOLLOWING FUSES REQUIRE APPROVAL FROM THE 5ESS POWER CONSULTANT AND IMPACT THE 5ESS POWER DISTRIBUTION				
BULK	406599357	WP-92458,L13	15.00A	VERY FAST ACTING
SINGLE	406808469	WP-92458,L13	15.00A	VERY FAST ACTING
BULK	406759050	WP-92458,L14	20.00A	VERY FAST ACTING
SINGLE	406808477	WP-92458,L14	20.00A	VERY FAST ACTING

MISCELLANEOUS CABINET (8 FT)

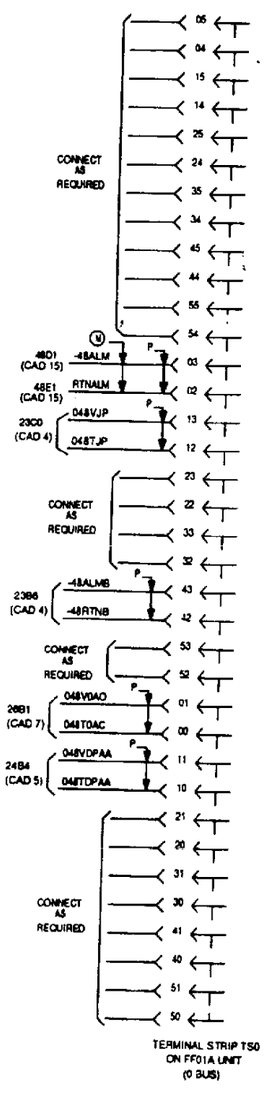
DWG SIZE	ISSUE
C2	32B

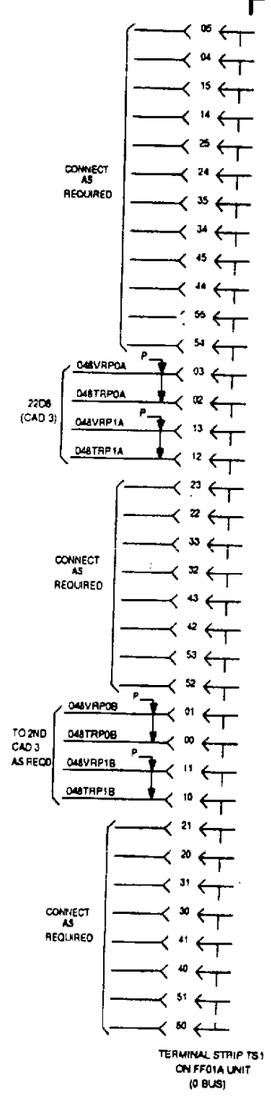
AT&T	SD-5D130-01	SHEET
		D11

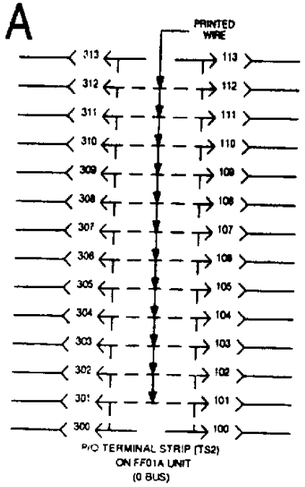
PRINTED IN U.S.A

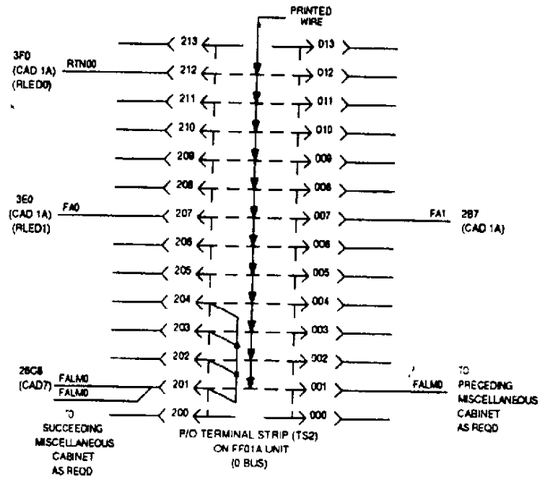
PART OF CAD 1A

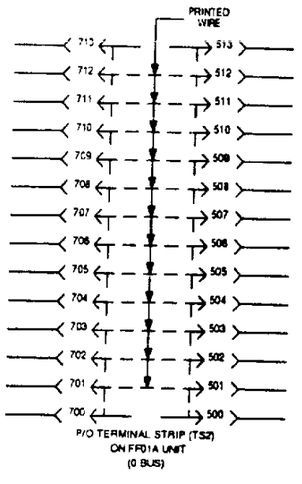
FOR APP FIG 1
TYPICAL POWER AND FUSING FOR
MISCELLANEOUS CABINET 0

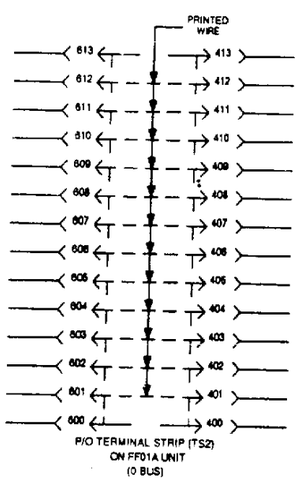












NOTES:

1. WIRING TO TS0 AND TS1 IS 16 AWG. PAIRED. (SEE NOTE 204).
2. WIRING TO TS2 IS 26 AWG. LW. (SEE NOTE 203).

MISCELLANEOUS CABINET (6 FT)

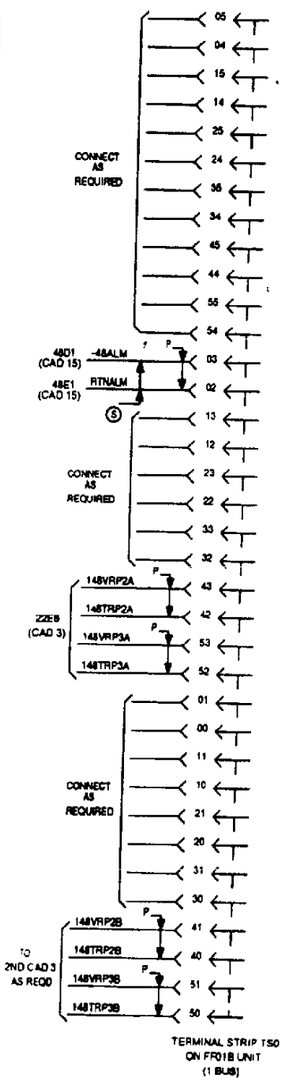
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G1

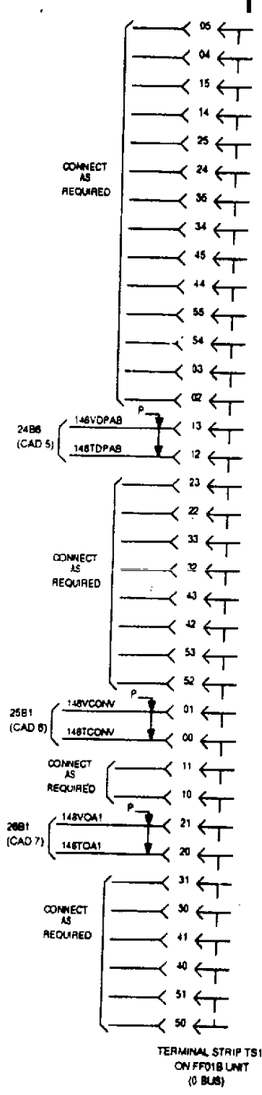
PRINTED IN U.S.A.

PART OF CAD 1A

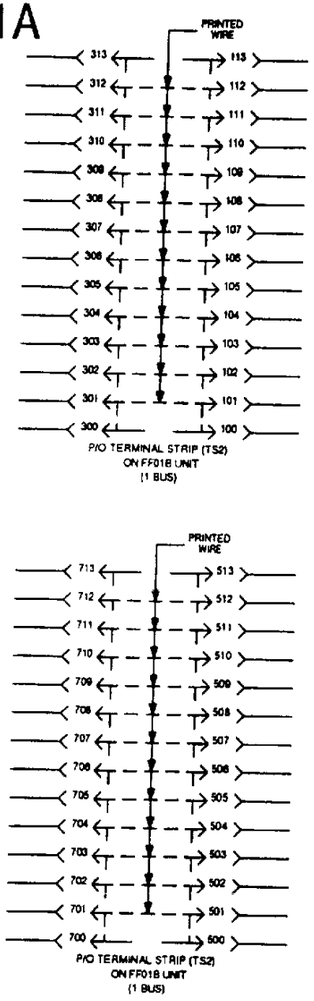
FOR APP FIG 1
TYPICAL POWER AND FUSING FOR
MISCELLANEOUS CABINET 0

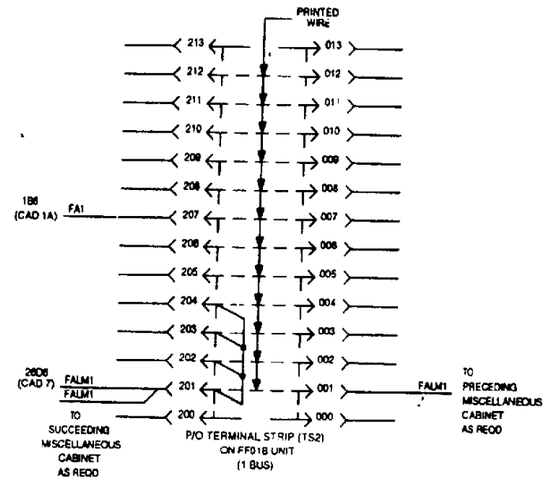


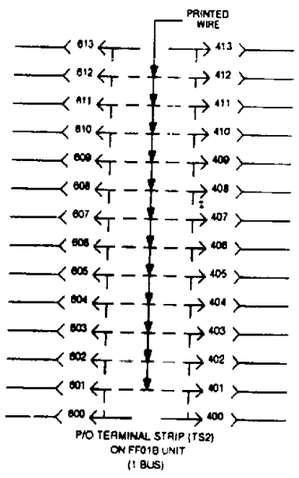
TERMINAL STRIP TS0
ON FF01B UNIT
(1 BUS)



TERMINAL STRIP TS1
ON FF01B UNIT
(0 BUS)







NOTES:

1. WIRING TO TS0 AND TS1 IS 18 AWG, PAIRED. (SEE NOTE 204).
2. WIRING TO TS2 IS 26 AWG LW. (SEE NOTE 203).

MISCELLANEOUS CABINET (6 FT)

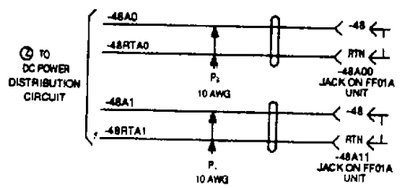
DWG SIZE	ISSUE
C2	32B

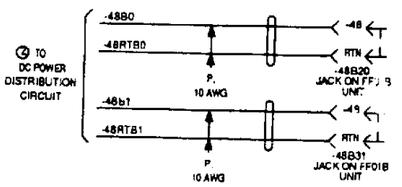
AT&T	SD-5D130-01	SHEET G2

PRINTED IN U.S.A.

PART OF CAD 1A

FOR APP FIG. 1
TYPICAL POWER AND FUSING FOR
MISCELLANEOUS CABINET 0



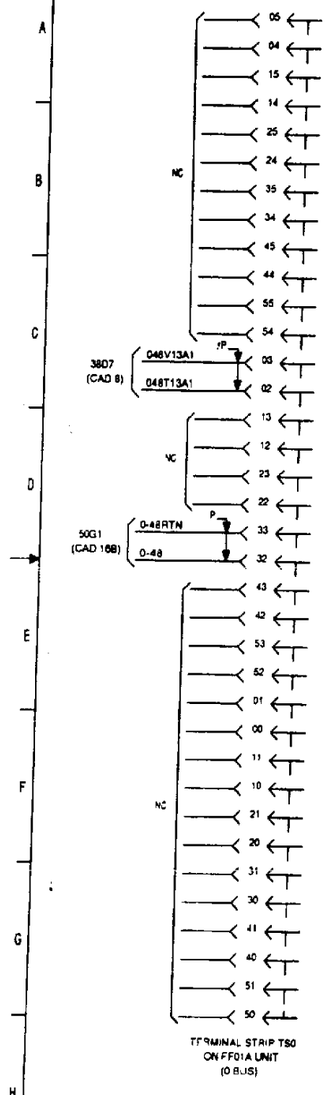


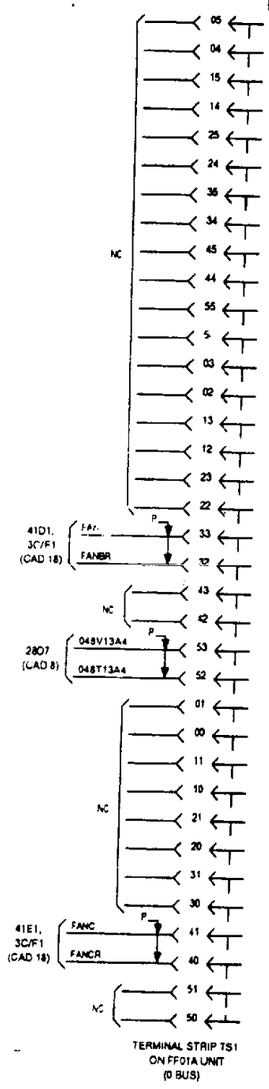
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET G3

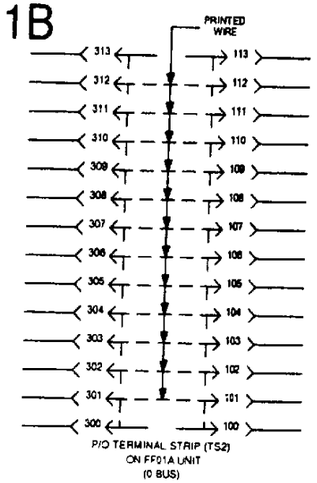
PRINTED IN U.S.A.

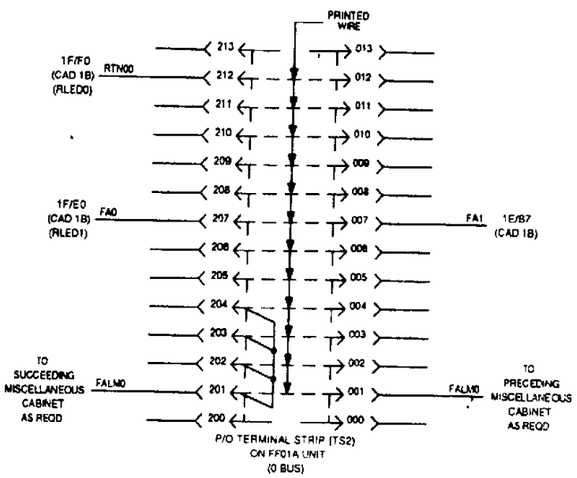
PART OF CAD 1B

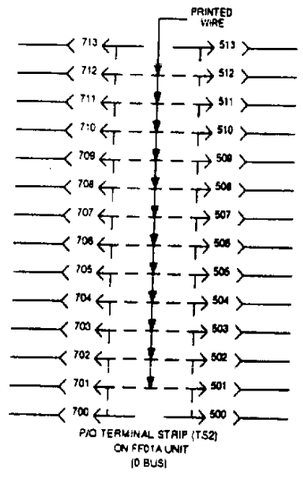
FOR APP FIG. 1
TYPICAL POWER AND FUSING FOR
MISCELLANEOUS CABINET 1

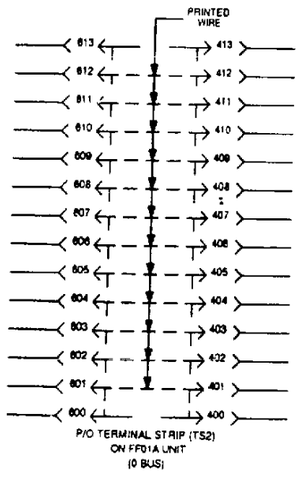












NOTES:

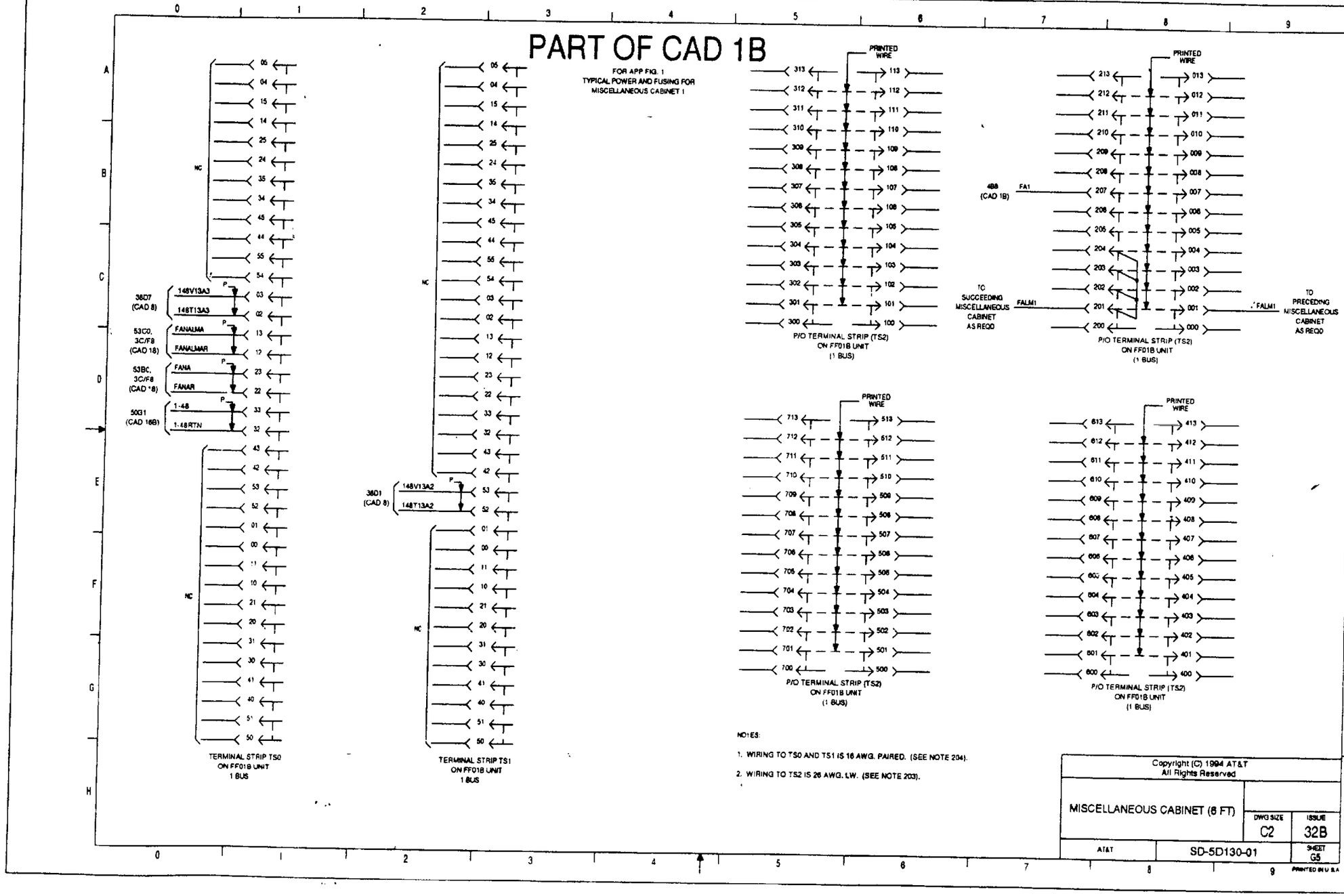
1. WIRING TO TS0 AND TS1 IS 16 AWG. PAIRED. (SEE NOTE 204).
2. WIRING TO TS2 IS 26 AWG. LW. (SEE NOTE 203).

MISCELLANEOUS CABINET (6 FT)		DWG SIZE	ISSUE
		C2	32B
AT&T	SD-5D130-01		SHEET G4

PRINTED IN U.S.A.

PART OF CAD 1B

FOR APP FIG. 1
TYPICAL POWER AND FUSING FOR
MISCELLANEOUS CABINET 1



NOTES:

1. WIRING TO TS0 AND TS1 IS 16 AWG. PAIRED. (SEE NOTE 204).
2. WIRING TO TS2 IS 26 AWG. LW. (SEE NOTE 203).

MISCELLANEOUS CABINET (6 FT)

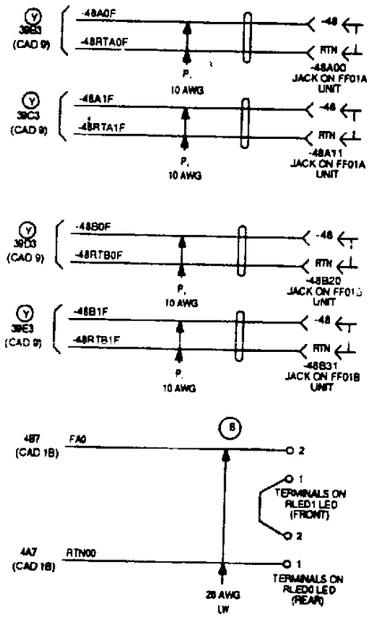
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G5

PRINTED IN U.S.A.

PART OF CAD 1B

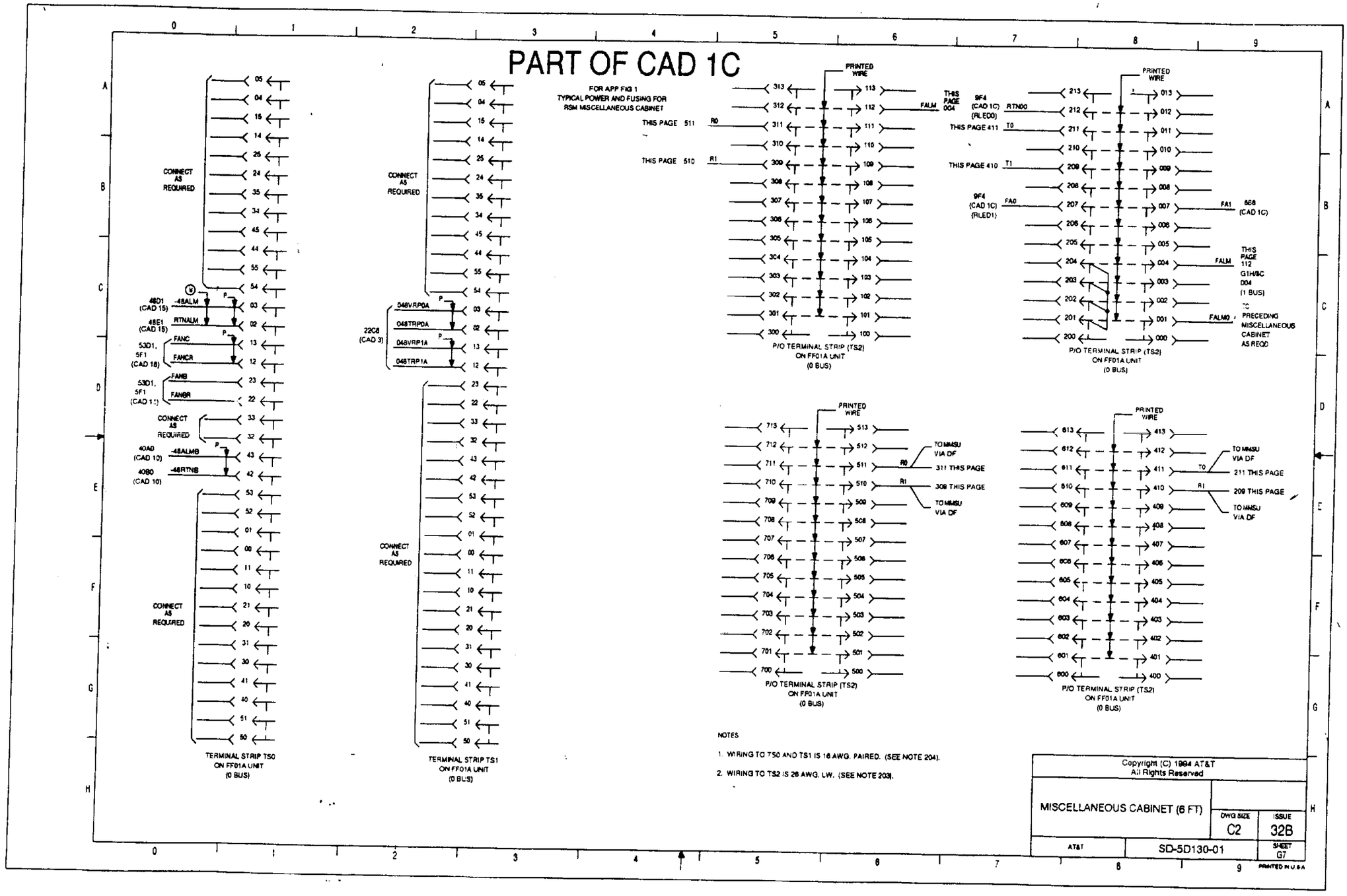
FOR APP FIG. 1
TYPICAL POWER AND FUSING FOR
MISCELLANEOUS CABINET 1



MISCELLANEOUS CABINET (6 FT)		
	DWG SIZE: C2	ISSUE: 32B
AT&T	SD-5D130-01	SHEET: G6

PRINTED IN U.S.A.

PART OF CAD 1C



NOTES

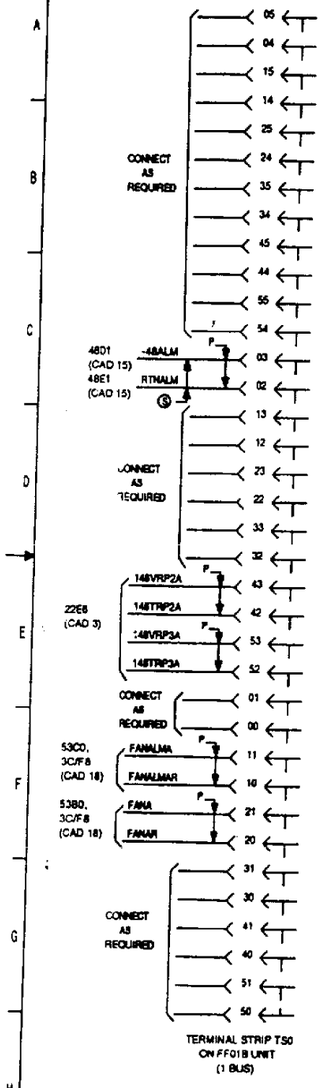
1. WIRING TO TS0 AND TS1 IS 16 AWG. PAIRED. (SEE NOTE 204).
2. WIRING TO TS2 IS 26 AWG. LW. (SEE NOTE 203).

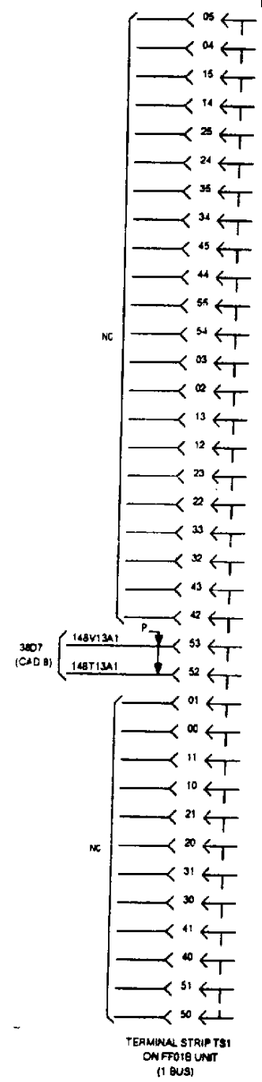
MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET G7

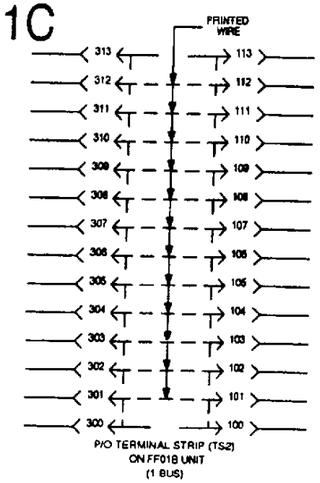
PRINTED IN U.S.A.

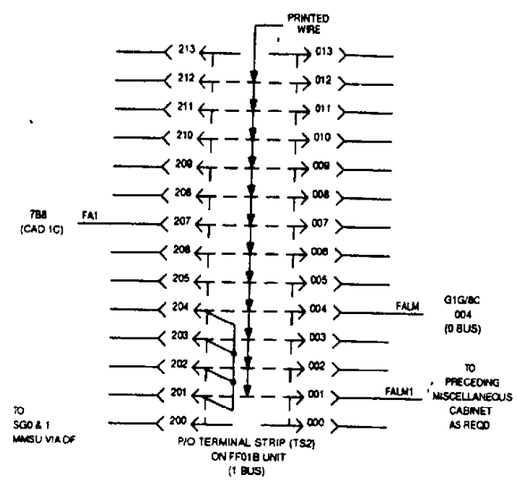
PART OF CAD 1C

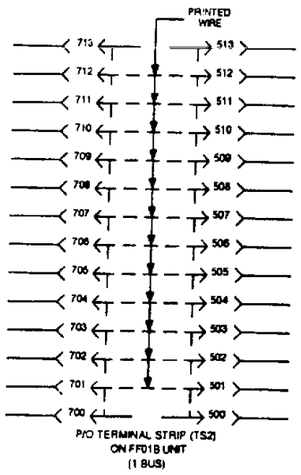
FOR APP FIG. 1
TYPICAL POWER AND FUSING FOR
RSM MISCELLANEOUS CABINET

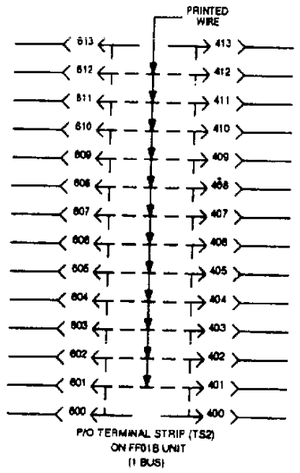












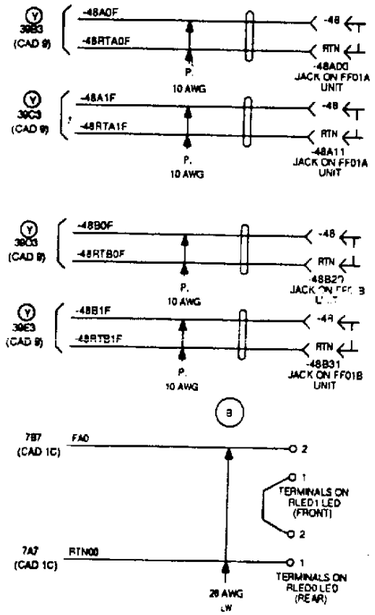
NOTES:

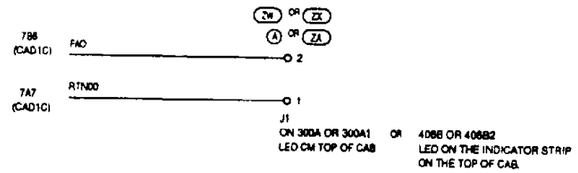
1. WIRING TO TS0 AND TS1 IS 16 AWG. PAIRED. (SEE NOTE 204).
2. WIRING TO TS2 IS 26 AWG. LW. (SEE NOTE 203).

MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET G8

PART OF CAD 1C

FOR APP FIG. 1
TYPICAL POWER AND FUSING FOR
RSM MISCELLANEOUS CABINET



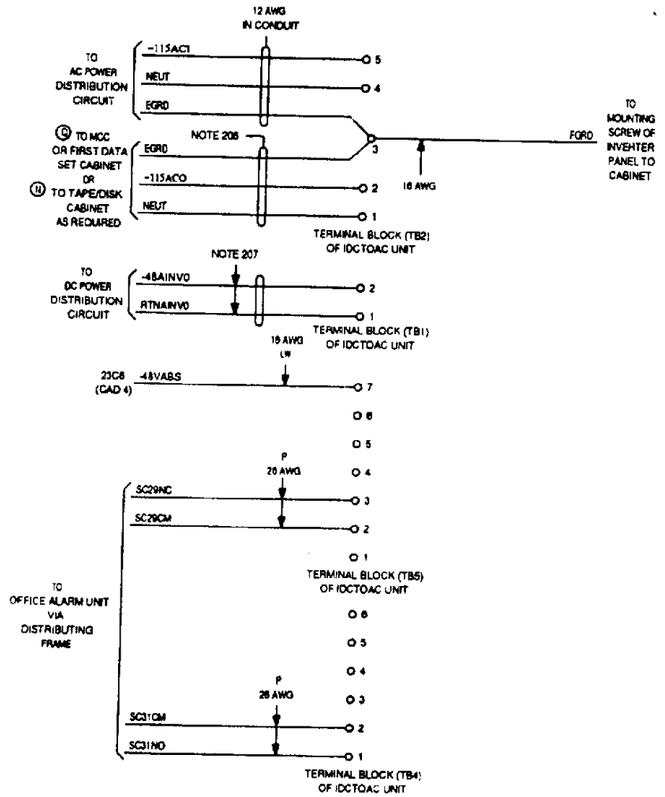


MISCELLANEOUS CABINET (6 FT)		DWG SIZE	ISSUE
		C2	32B
AT&T	SD-5D130-01		SHEET G9

PRINTED IN U.S.A.

CAD 2A (DA)

FOR APP FIG. 2
INVERTER POWER



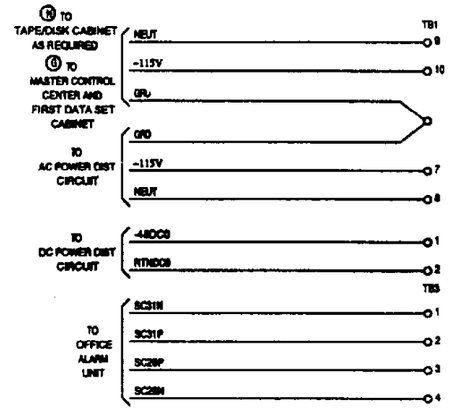
MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G10

CAD 2B

FOR APP FIG. 2B
1KVA INVERTER POWER

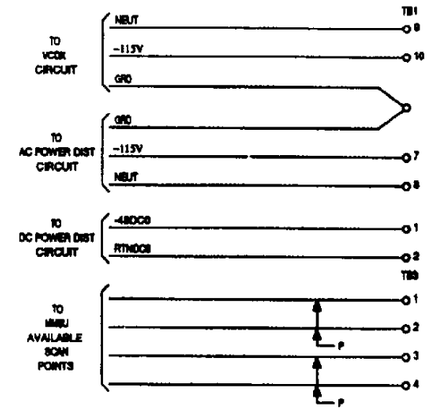


MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	33B
AT&T	SD-5D130-01	SHEET G11

PRINTED IN U.S.A.

CAD 2C

FOR APP FIG. 4B
2KVA INVERTER POWER



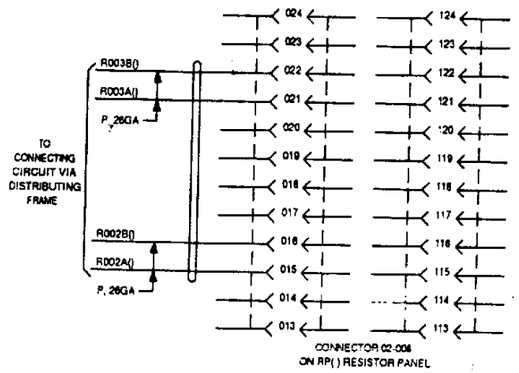
MISCELLANEOUS CABINET (6 FT)

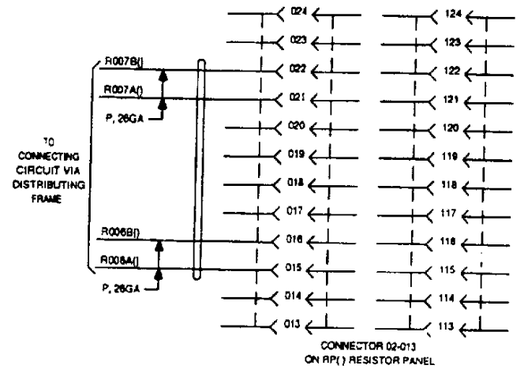
DWG SIZE	ISSUE
C2	33B

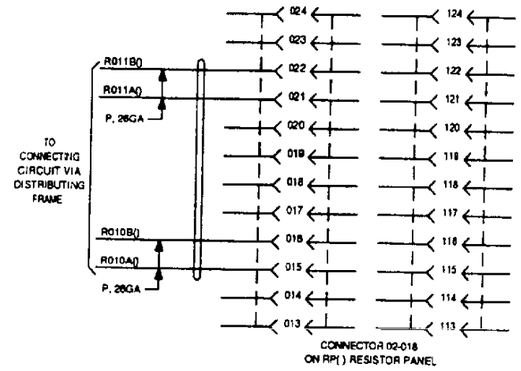
AT&T	SD-5D130-01	SHEET
		G11A

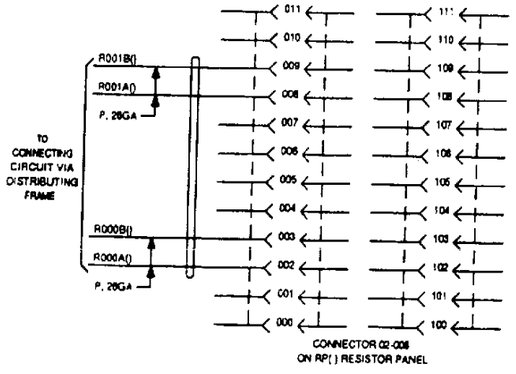
PART OF CAD 3

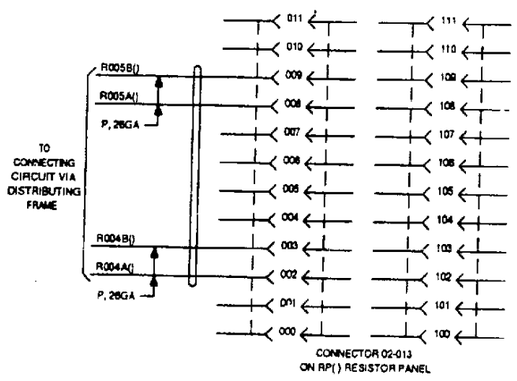
FOR APP FIG. 3
RESISTOR PANEL

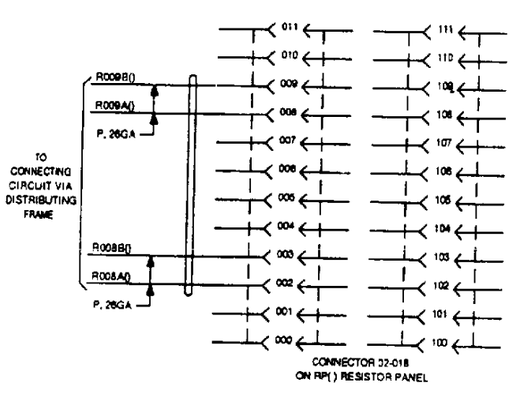












MISCELLANEOUS CABINET (6 FT)

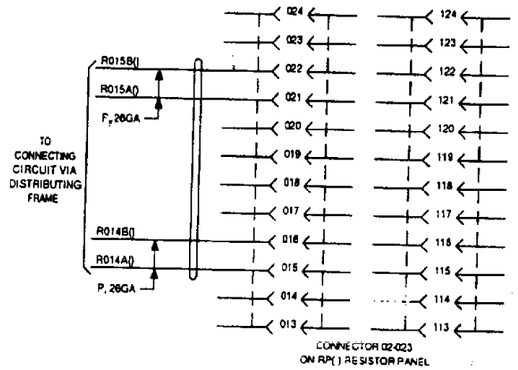
DWG SIZE	ISSUE
C2	32B

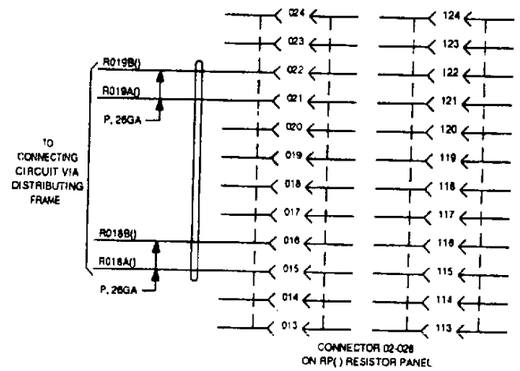
AT&T	SD-5D130-01	SHEET
		G12

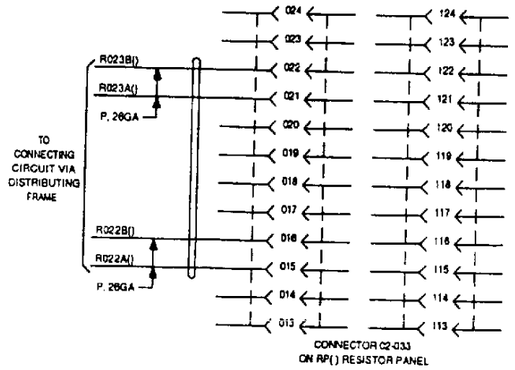
PRINTED IN U.S.A.

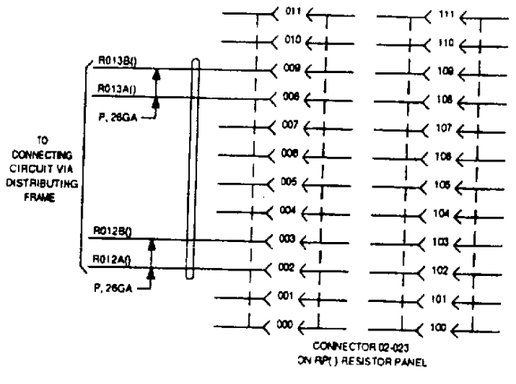
PART OF CAD 3

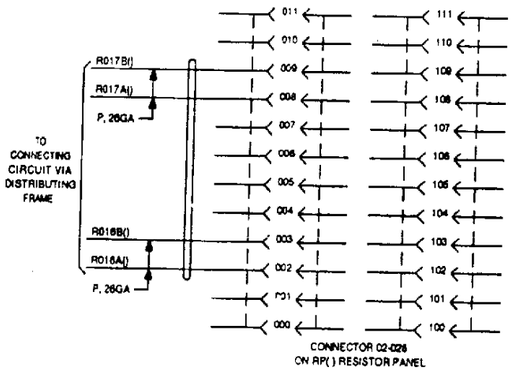
FOR APP FIG. 3
RESISTOR PANEL

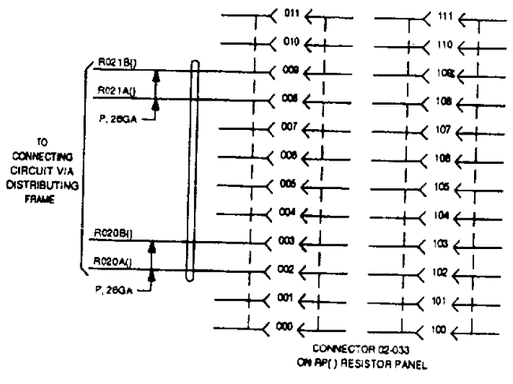










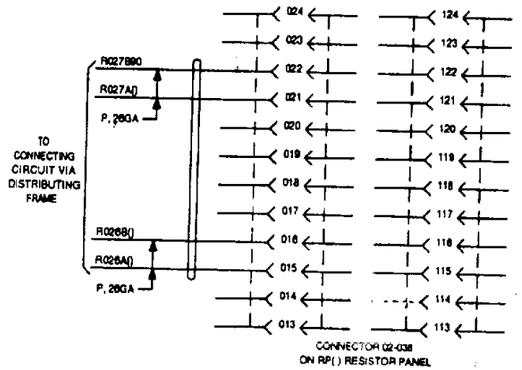


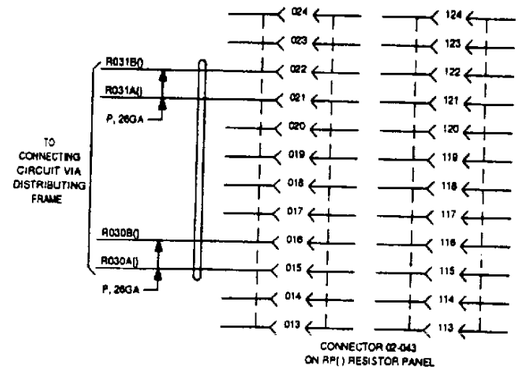
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET G13

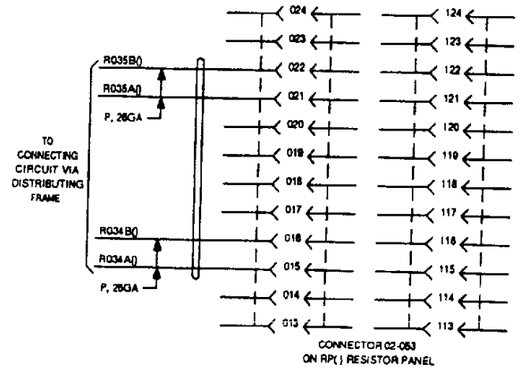
PRINTED IN U.S.A.

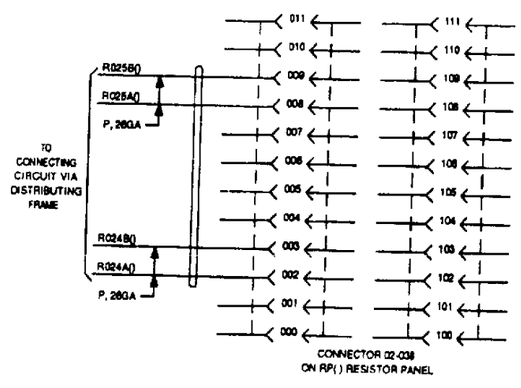
PART OF CAD 3

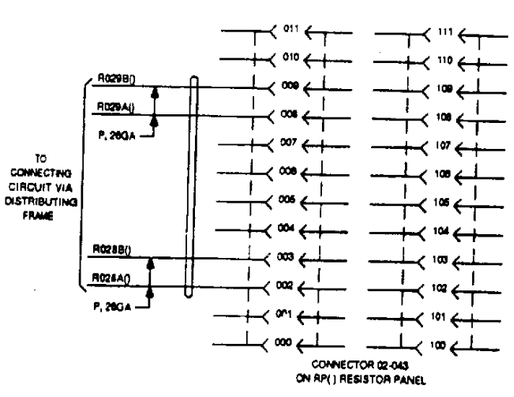
FOR APP FIG. 3
RESISTOR PANEL

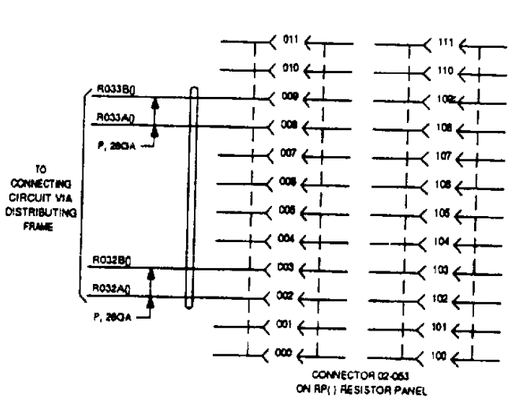










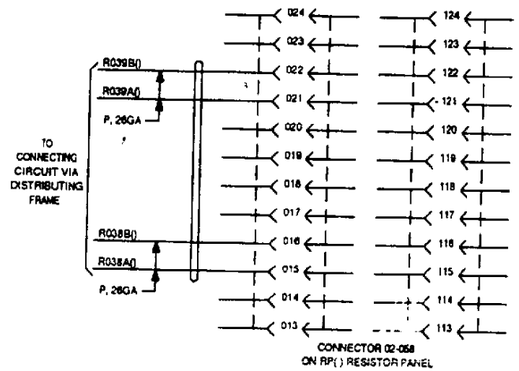


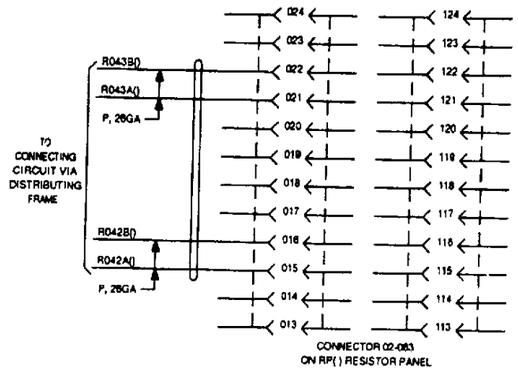
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET G14

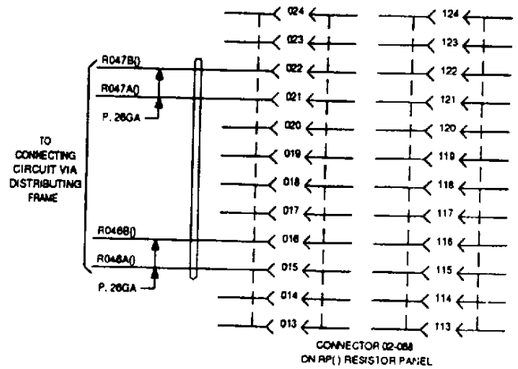
PRINTED IN U.S.A.

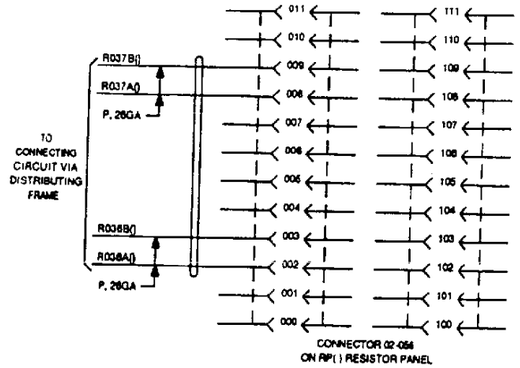
PART OF CAD 3

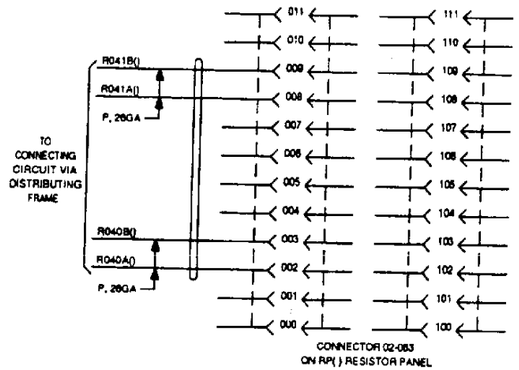
FOR APP FIG. 3
RESISTOR PANEL

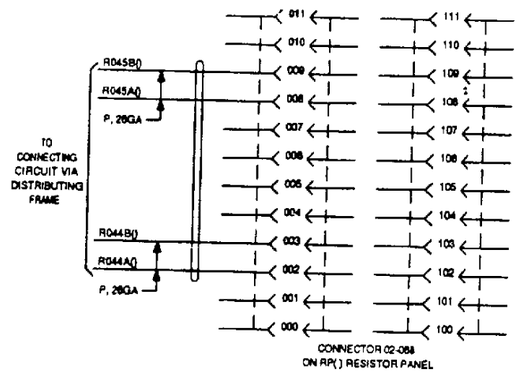










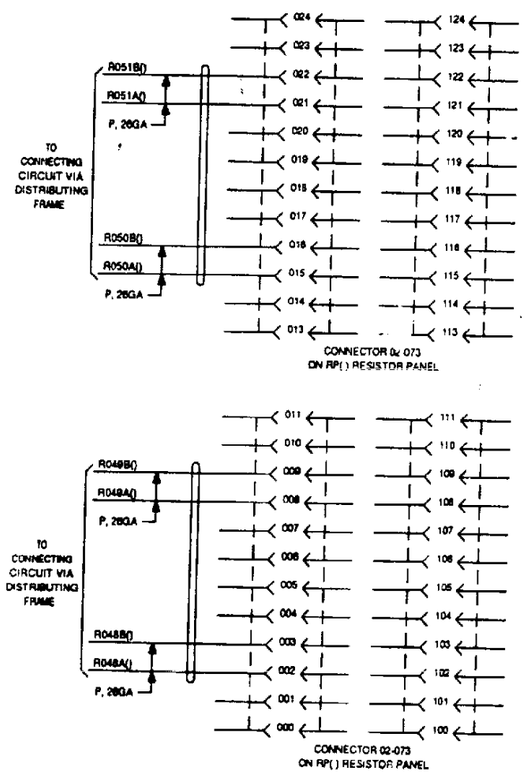


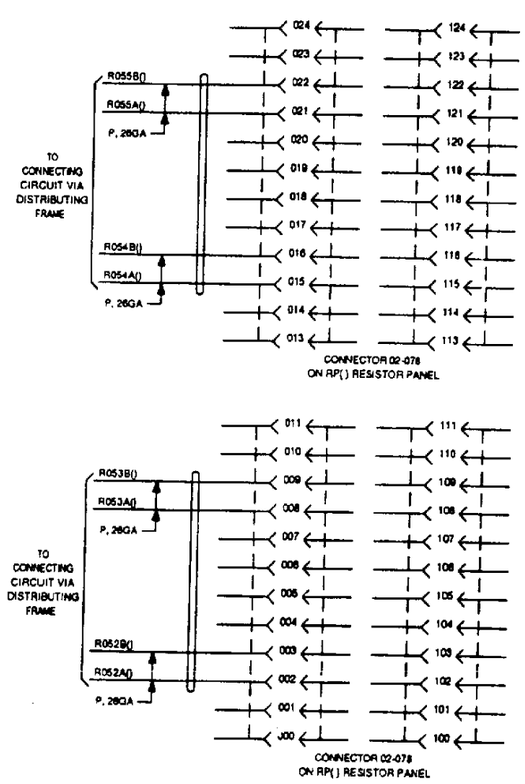
MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET G15

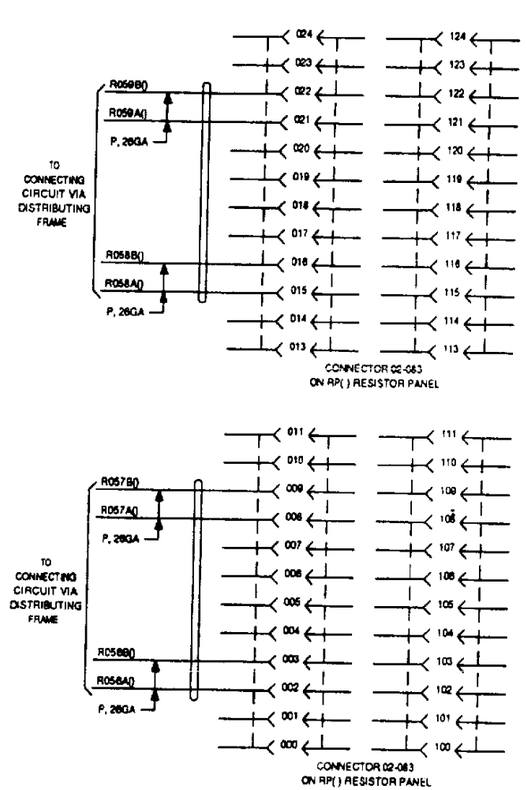
PRINTED IN U.S.A.

PART OF CAD 3

FOR APP FIG 3
RESISTOR PANEL







MISCELLANEOUS CABINET (6 FT)

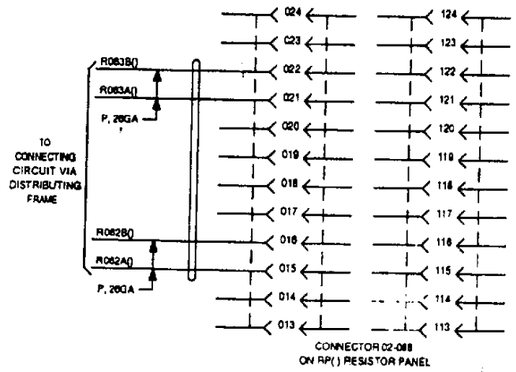
DWG SIZE	ISSUE
C2	32B

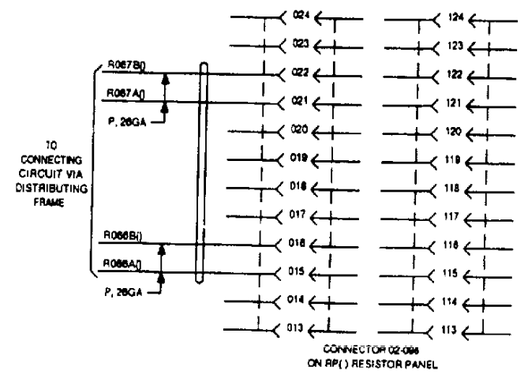
AT&T	SD-5D130-01	SHEET G16

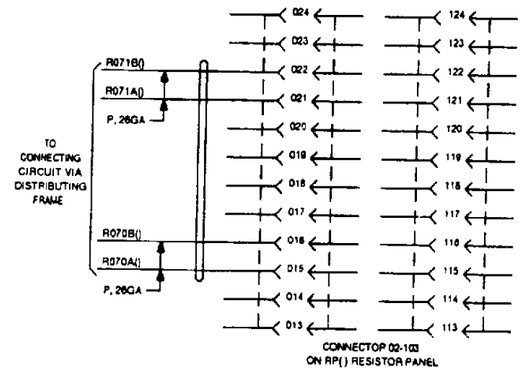
PRINTED IN U.S.A.

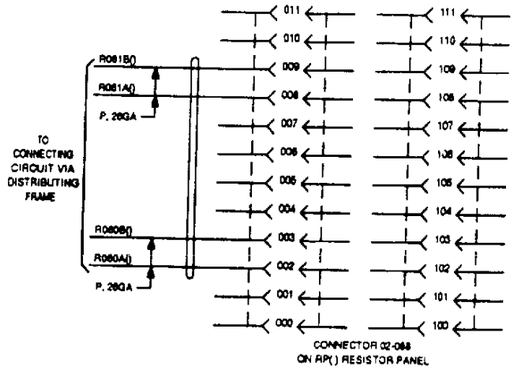
PART OF CAD 3

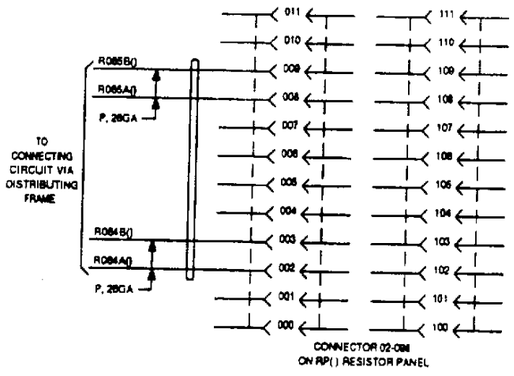
FOR APP FIG. 3
RESISTOR PANEL

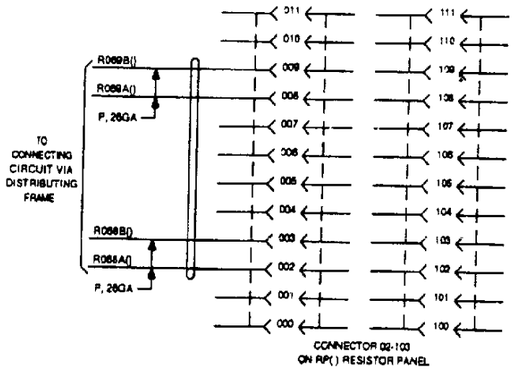












MISCELLANEOUS CABINET (6 FT)

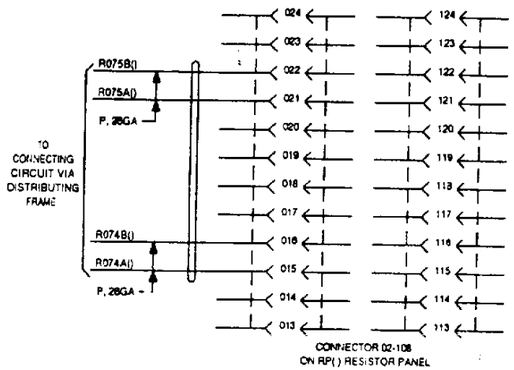
DWG SIZE	ISSUE
C2	32B

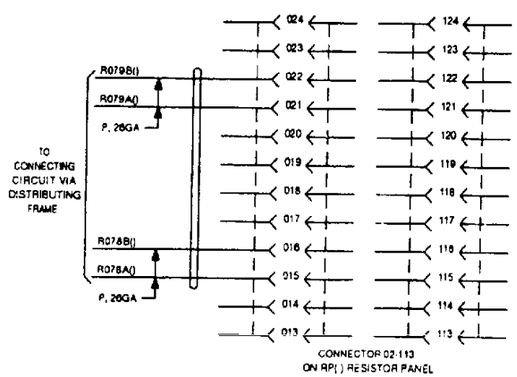
AT&T	SD-5D130-01	SHEET
		G17

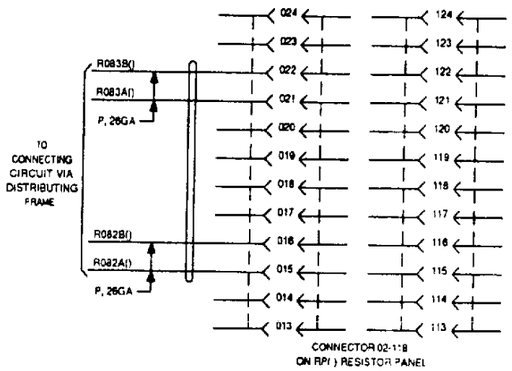
PRINTED IN U.S.A.

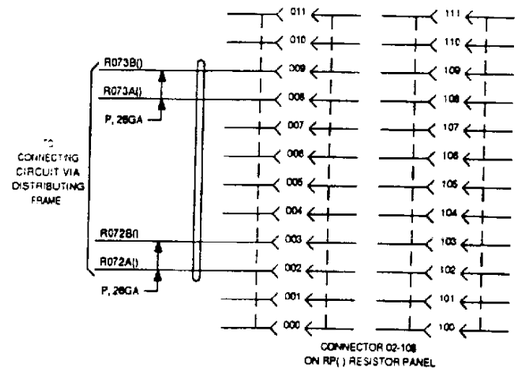
PART OF CAD 3

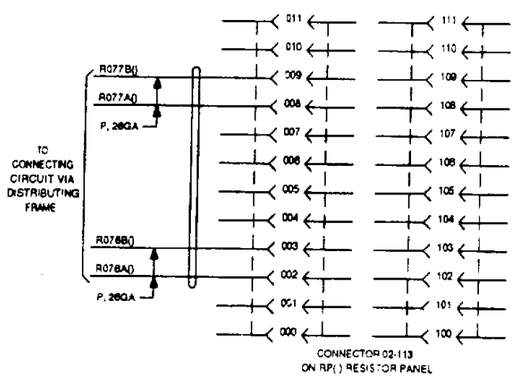
FOR APP FIG 3
RESISTOR PANEL

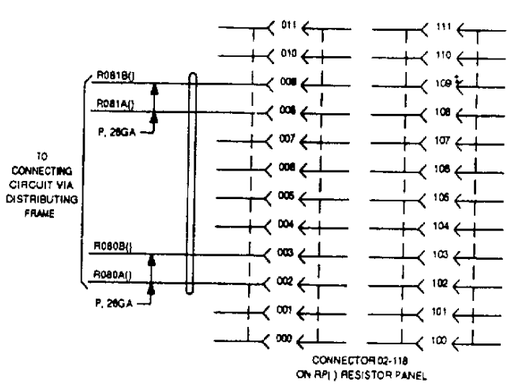












MISCELLANEOUS CABINET (6 FT)

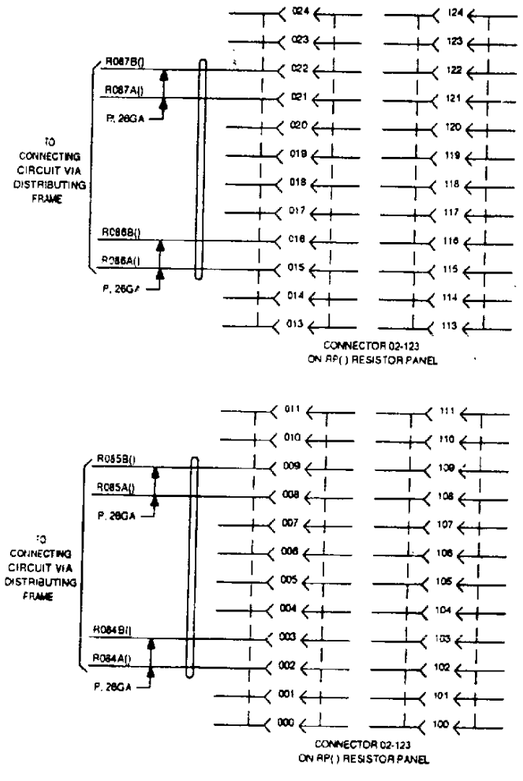
DWG SIZE	ISSUE
C2	32B

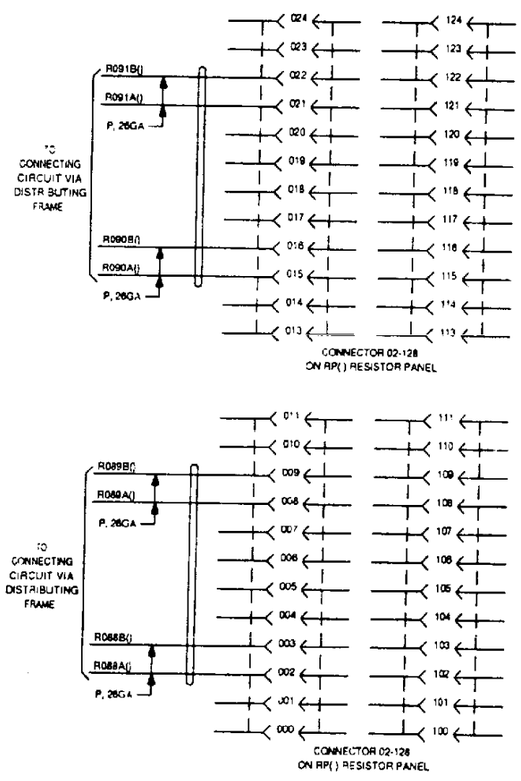
AT&T	SD-5D130-01	SHEET
		G18

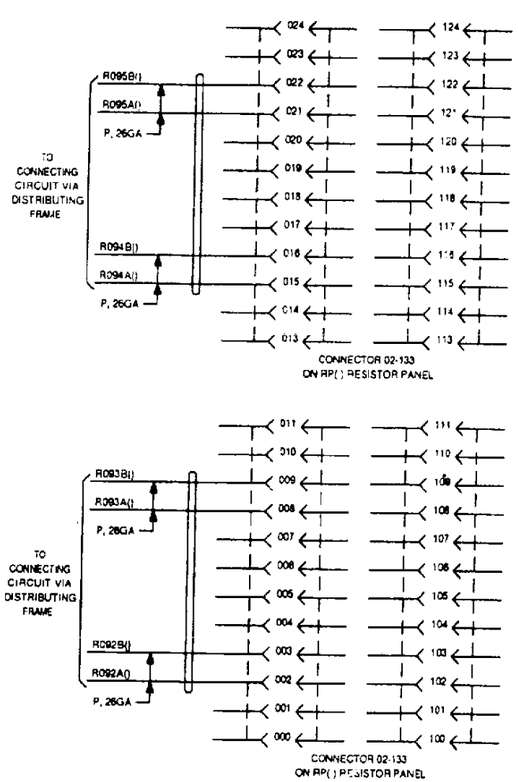
PRINTED IN U.S.A.

PART OF CAD 3

FOR APP FIG. 3
RESISTOR PANEL







MISCELLANEOUS CABINET (6 FT)

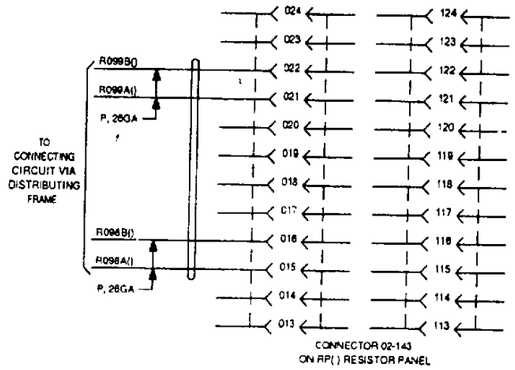
DWG SIZE	ISSUE
C2	32B

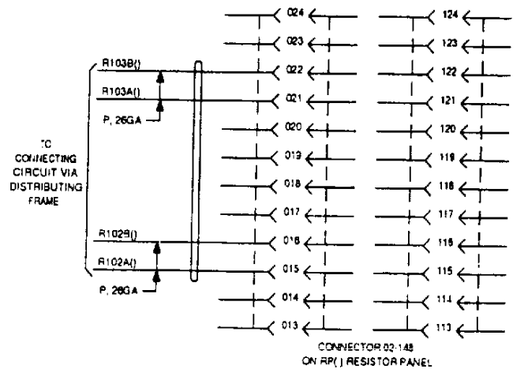
AT&T	SD-5D130-01	SHEET
		G19

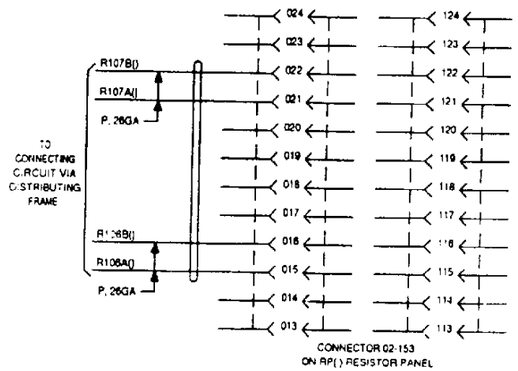
PRINTED IN U.S.A.

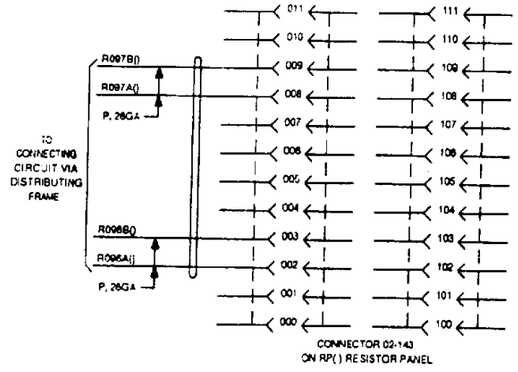
PART OF CAD 3

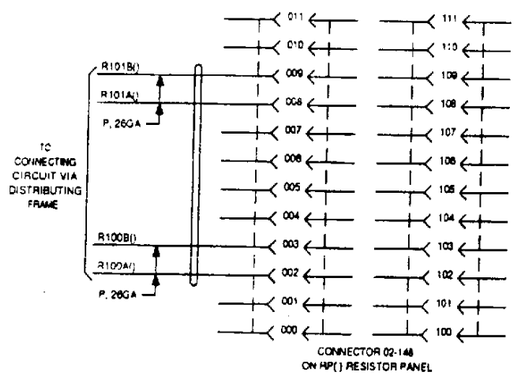
FOR APP FIG. 3
RESISTOR PANEL

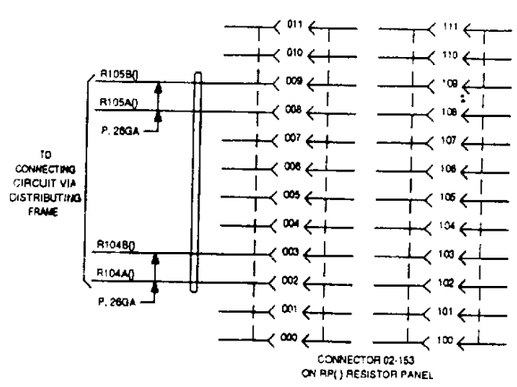










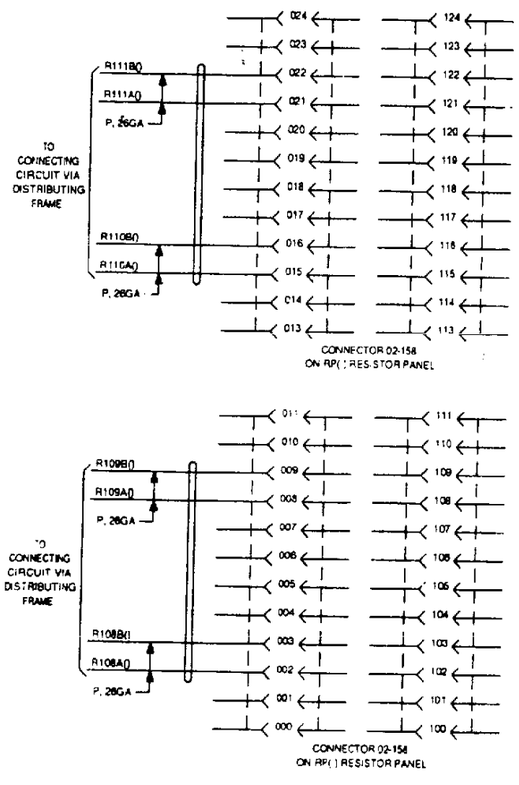


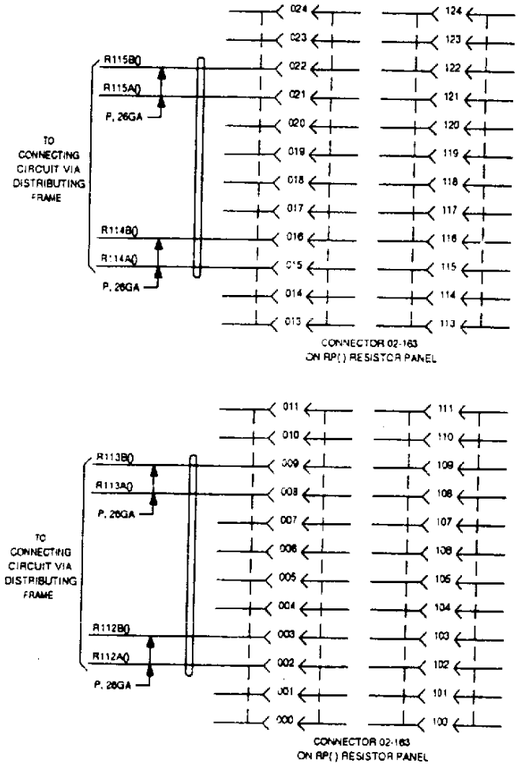
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET G20

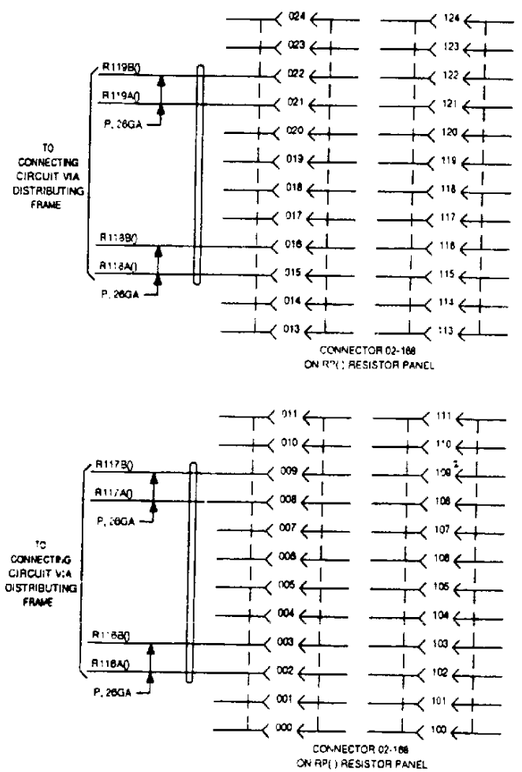
PRINTED IN U.S.A.

PART OF CAD 3

FOR APP FIG. 3
RESISTOR PANEL





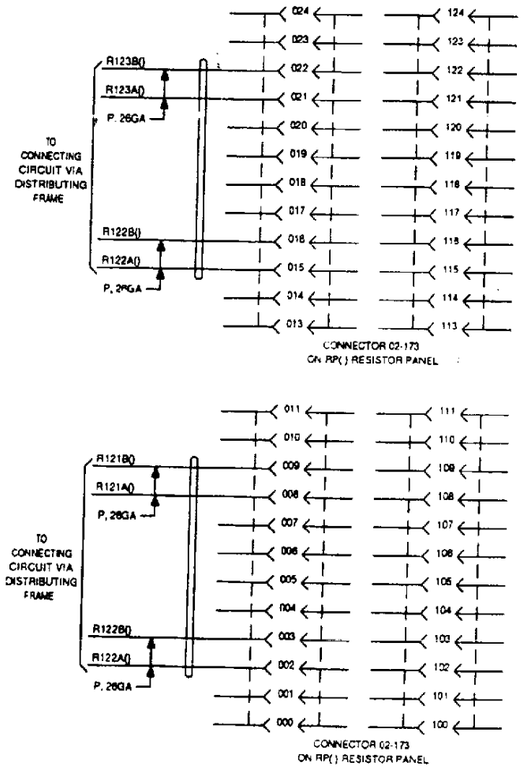


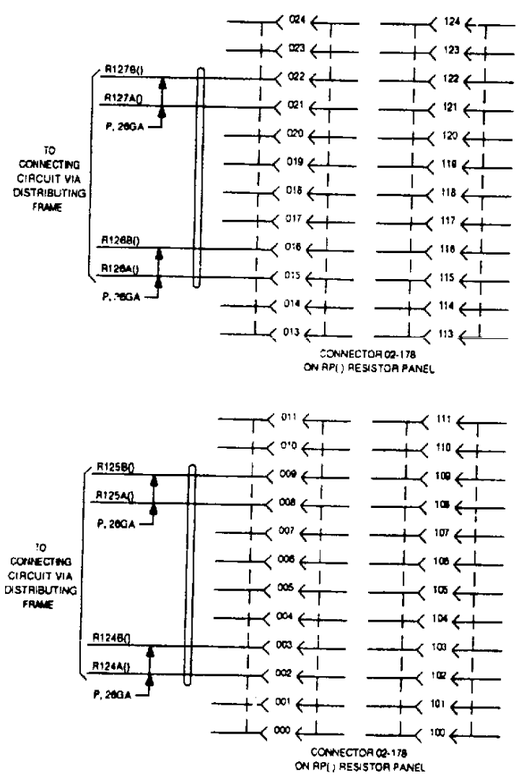
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET G21

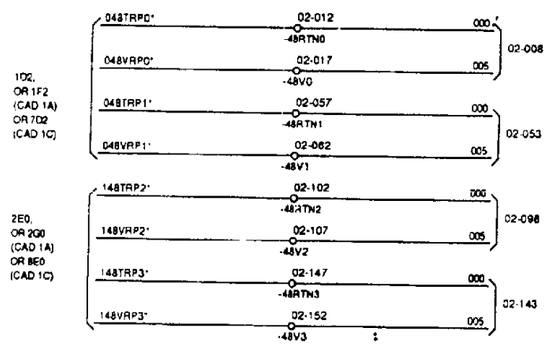
PRINTED IN U.S.A.

PART OF CAD 3

FOR APP FIG. 3
RESISTOR PANEL







* RESISTOR PANEL DESIGNATION (A THROUGH D).

MISCELLANEOUS CABINET (6 FT)

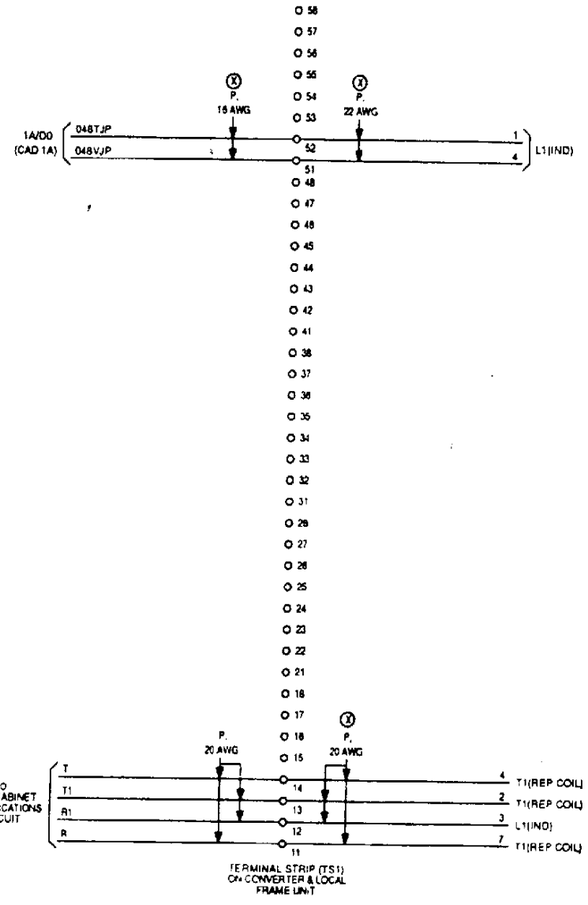
DWG SIZE	ISSUE
C2	32B

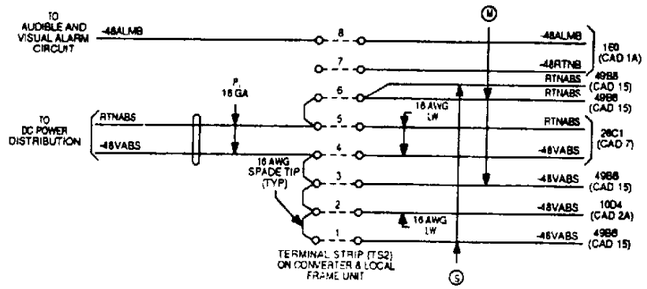
AT&T	SD-5D130-01	SHEET
		G22

PRINTED IN U.S.A.

CAD 4

FOR APP FIG. 4
LOCAL FRAME (TEL JACK)
UNIT





MISCELLANEOUS CABINET (6 FT)

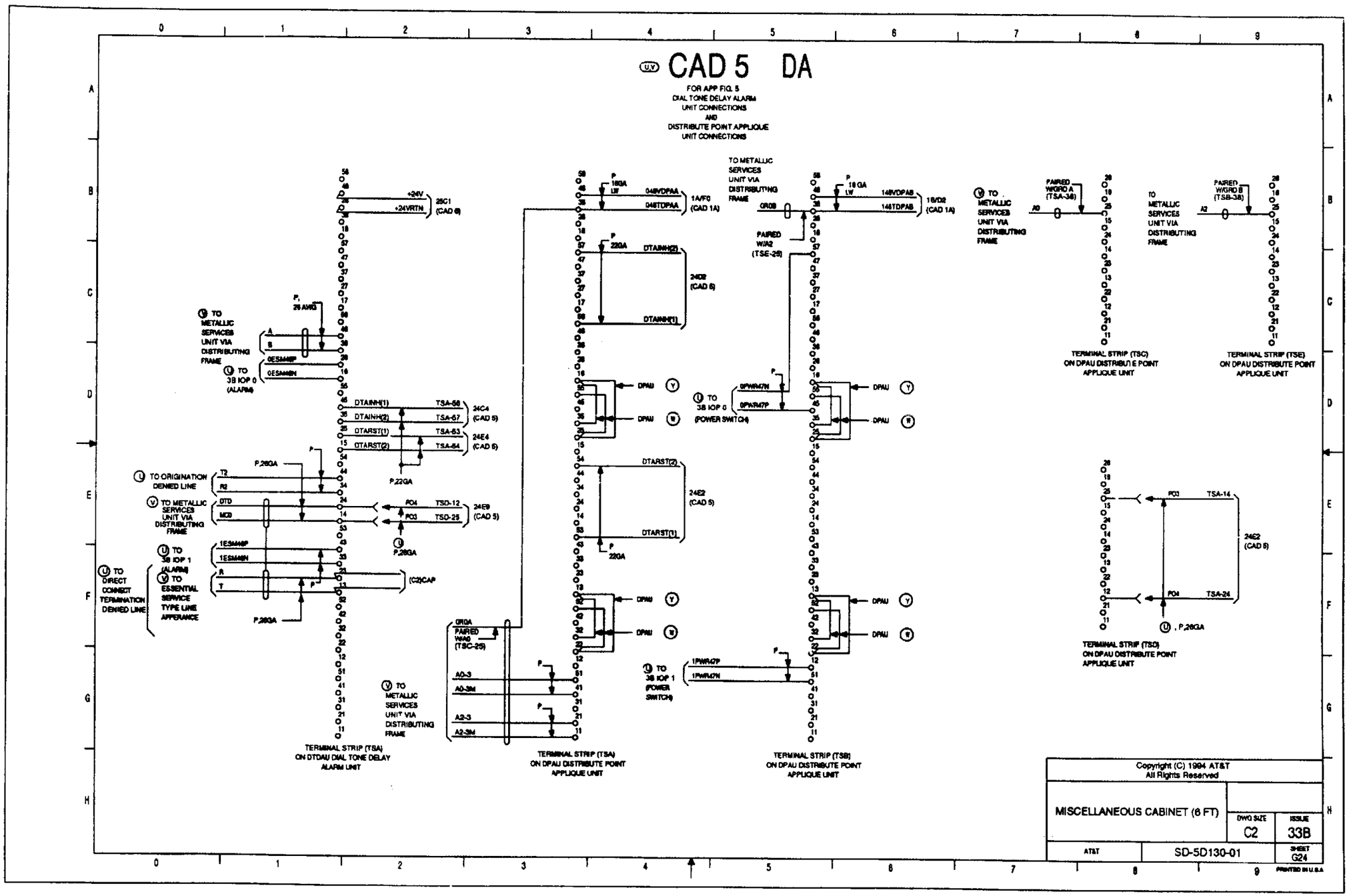
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G23

PRINTED IN U.S.A.

(U,V) CAD 5 DA

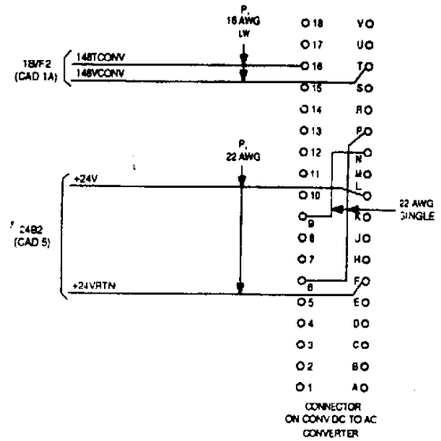
FOR APP FIG 5
DIAL TONE DELAY ALARM
UNIT CONNECTIONS
AND
DISTRIBUTE POINT APPLIQUE
UNIT CONNECTIONS



MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	33B
AT&T	SD-5D130-01	SHEET G24

(U.V) CAD 6

FOR APP FIG. 6
POWER UNIT

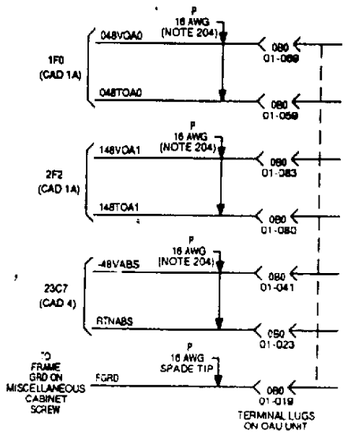


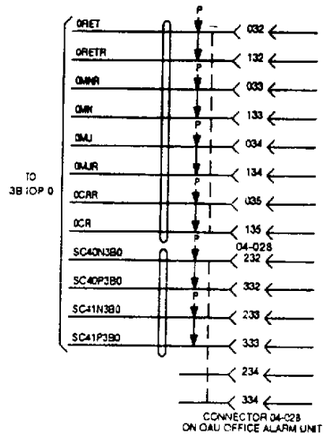
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET G25

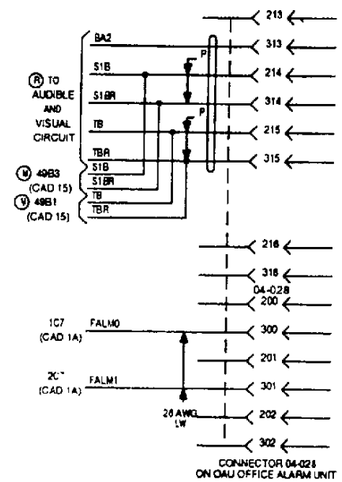
PRINTED IN U.S.A.

PART OF CAD 7

FOR APP FIG. 7
OFFICE ALARM

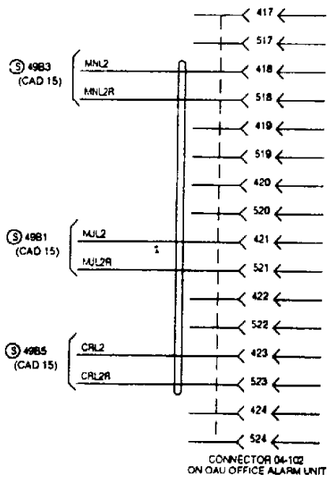


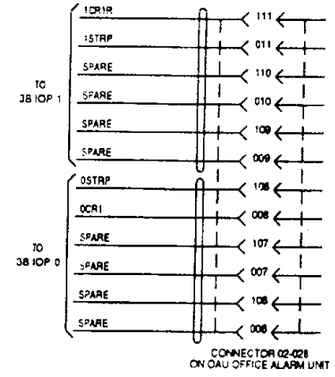


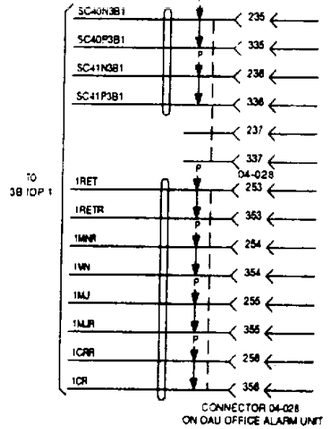


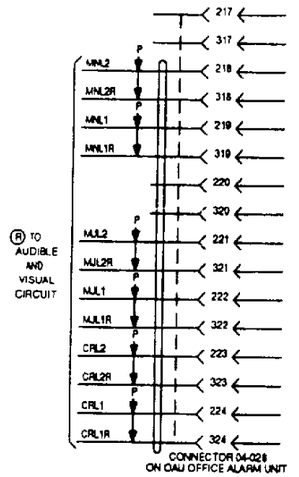
NOTES:

1. UNLESS OTHERWISE SPECIFIED, PAIRED WIRES ARE 26 AWG.









MISCELLANEOUS CABINET (6 FT)		DWG SIZE	ISSUE
		C2	32B
AT&T	SD-5D130-01	SHEET	
		G28	

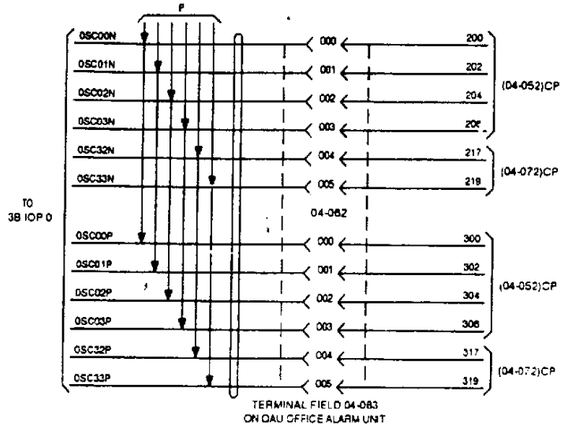
PRINTED IN U.S.A.

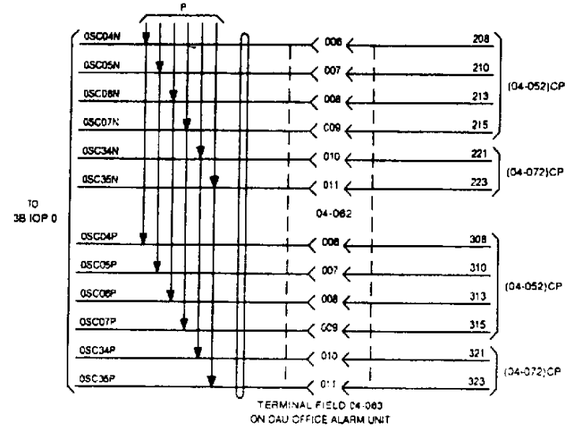
PART OF CAD 7

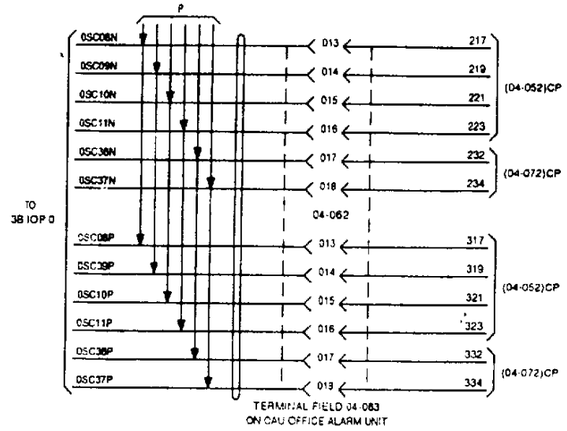
FOR APP FIG. 7
OFFICE ALARMS

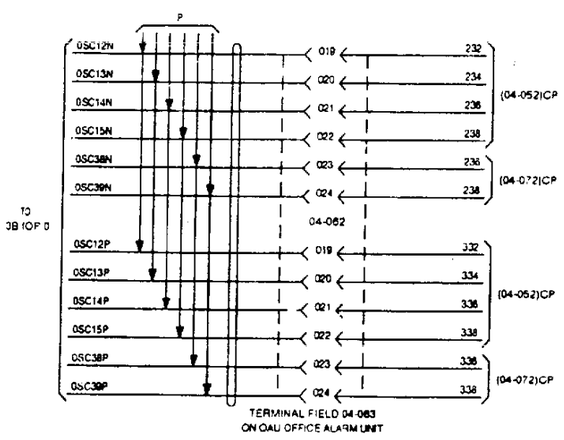
NOTES:

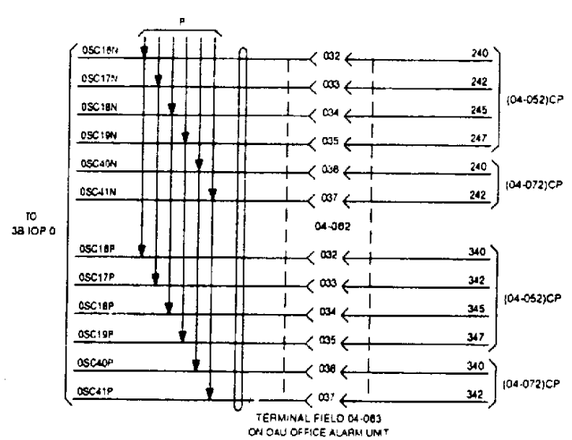
1. PAIRED WIRES ARE 26 AWG

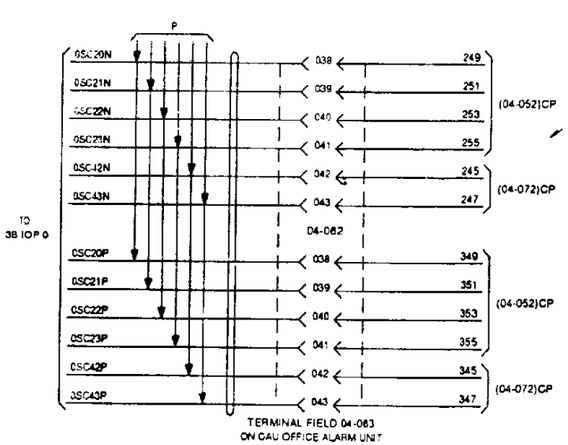












MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET G27	

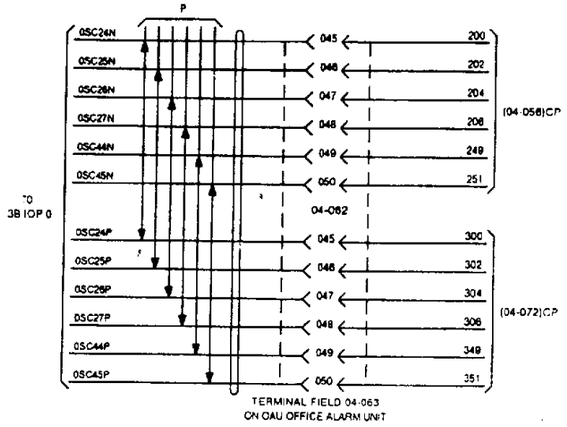
PRINTED IN U.S.A.

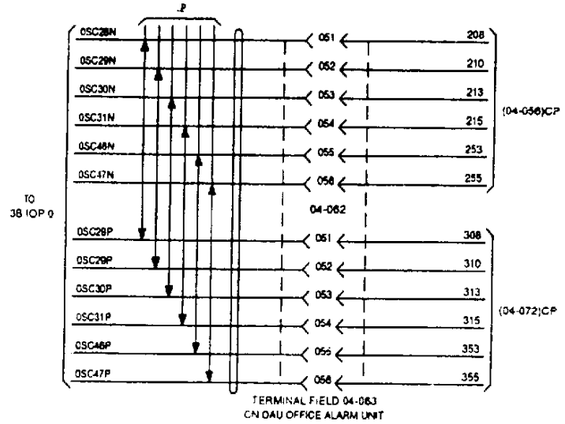
PART OF CAD 7

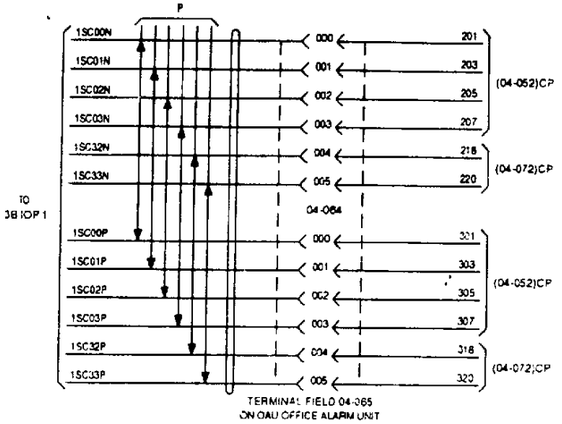
FOR APP FIG. 7
OFFICE ALARMS

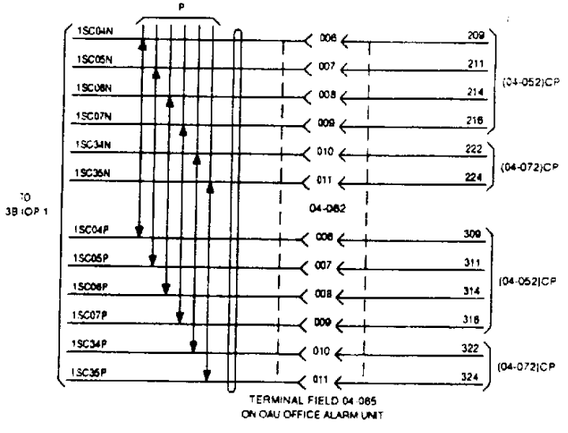
NOTES:

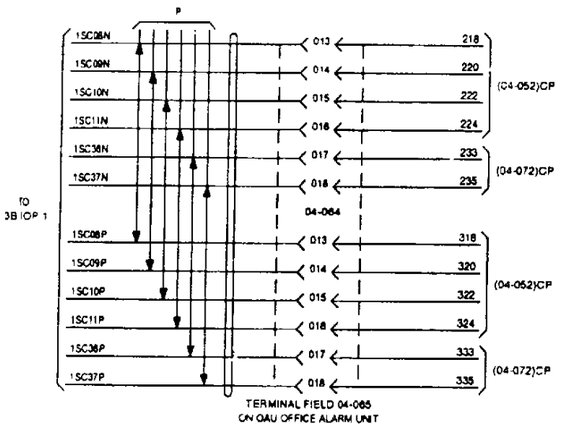
1. PAIRED WIRES ARE 26 AWG.

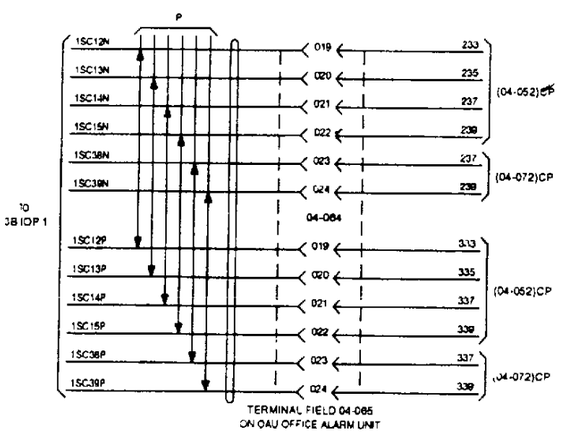












MISCELLANEOUS CABINET (6 FT)

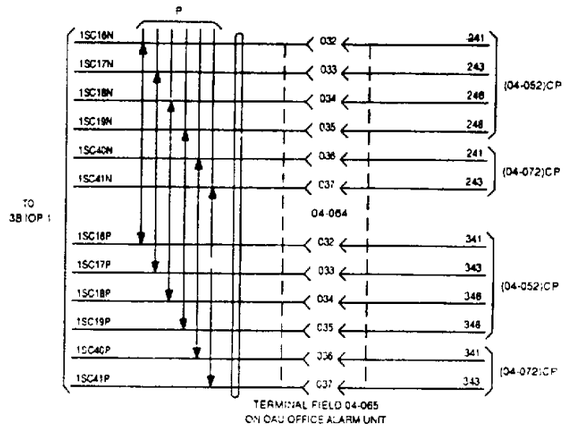
DWG SIZE	ISSUE
C2	32B

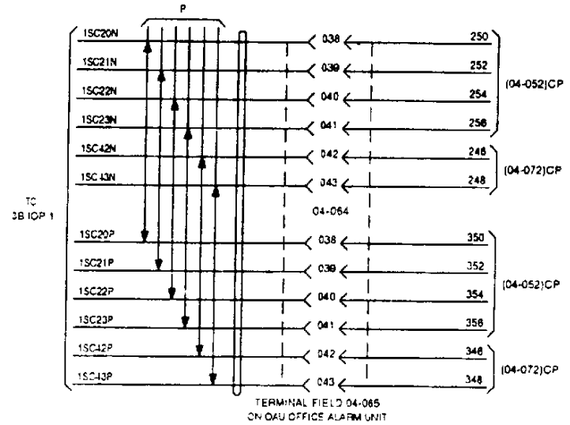
AT&T	SD-5D130-01	SHEET
		G28

PRINTED IN U.S.A.

PART OF CAD 7

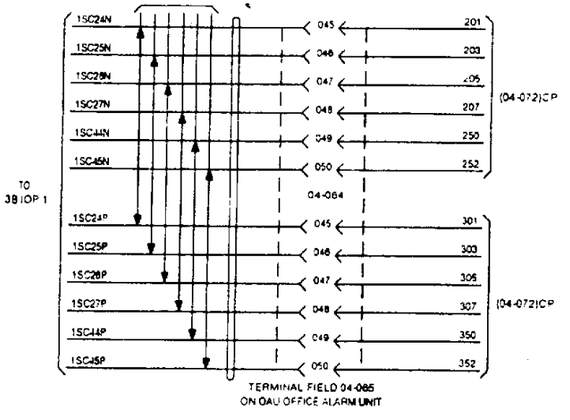
FOR APP FIG. 7
OFFICE ALARMS

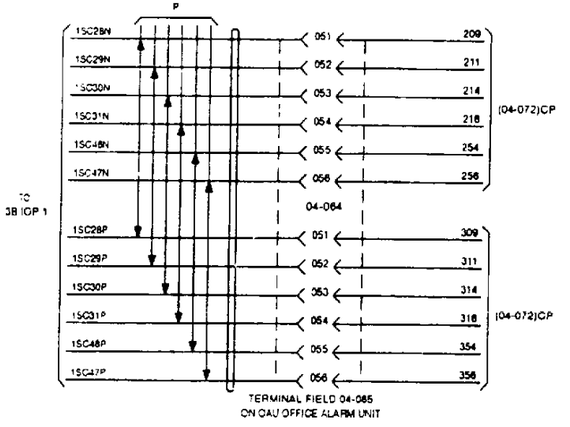




NOTES:

1. PAIRED WIRES ARE 26 AWG.





MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G29

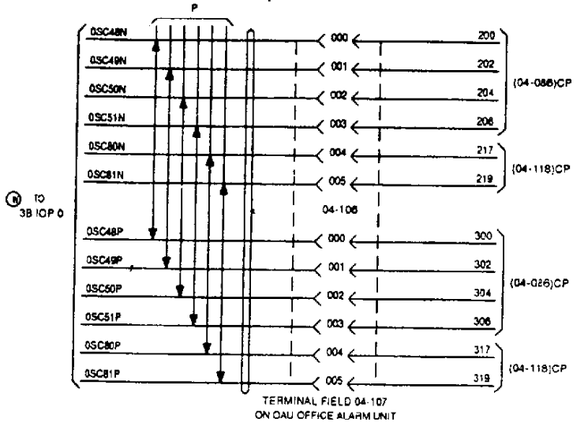
PRINTED IN U.S.A.

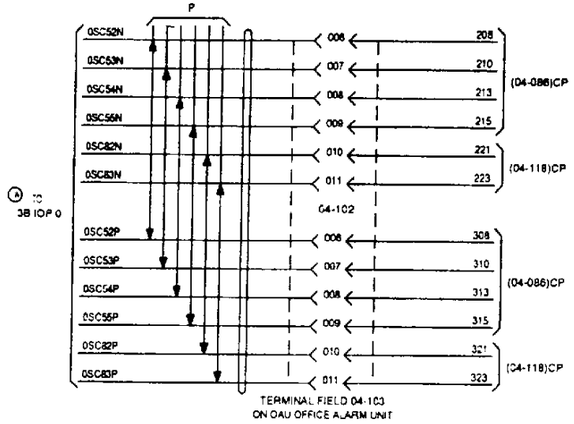
PART OF CAD 7

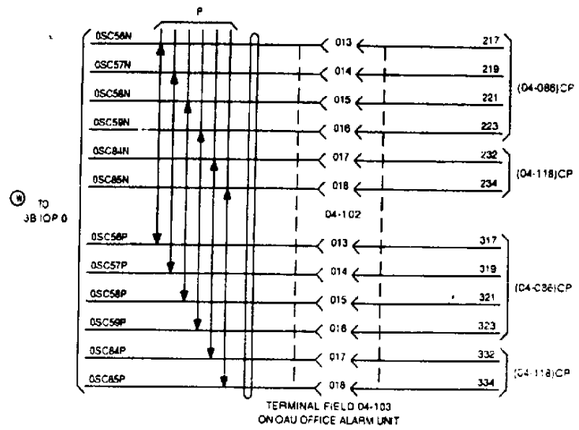
FOR APP FIG. 7
OFFICE ALARMS

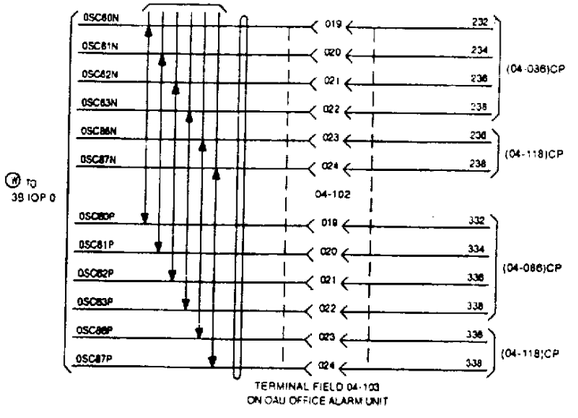
NOTES:

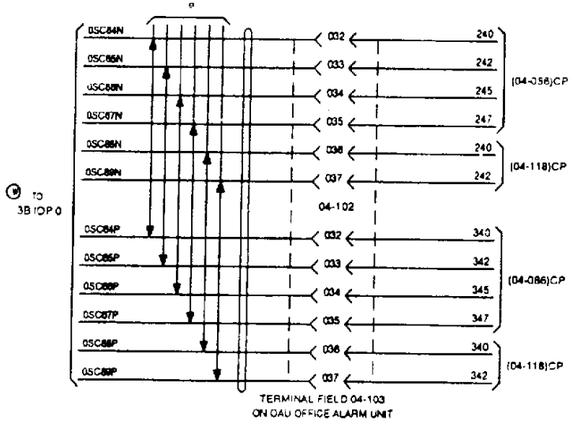
1. PAIRED WIRES ARE 26 AWG.

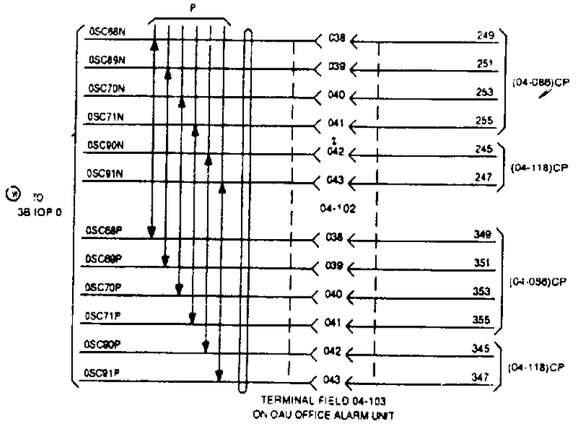










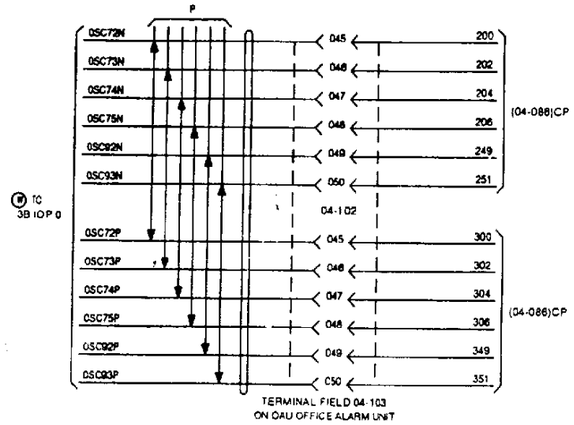


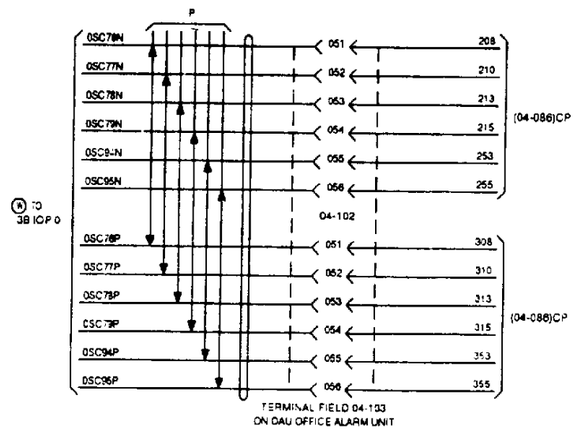
MISCELLANEOUS CABINET (6 FT)	DWG SIZE	ISSUE
	C2	32B
AT&T	SD-5D130-01	SHEET G30

PRINTED IN U.S.A.

PART OF CAD 7

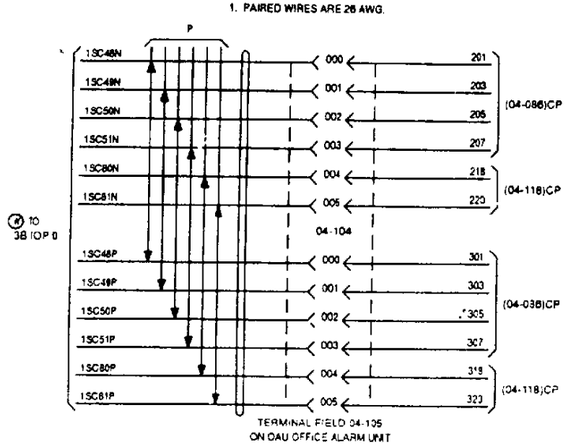
FOR APP FIG. 7
OFFICE ALARMS

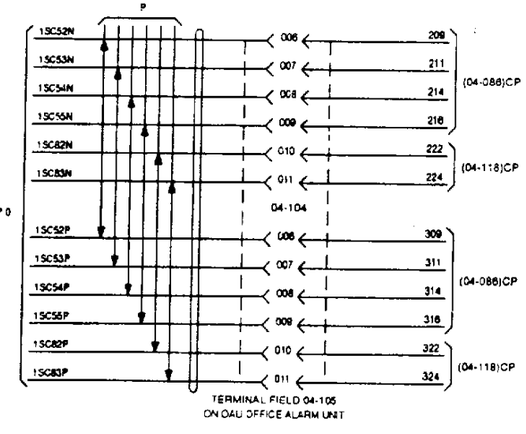


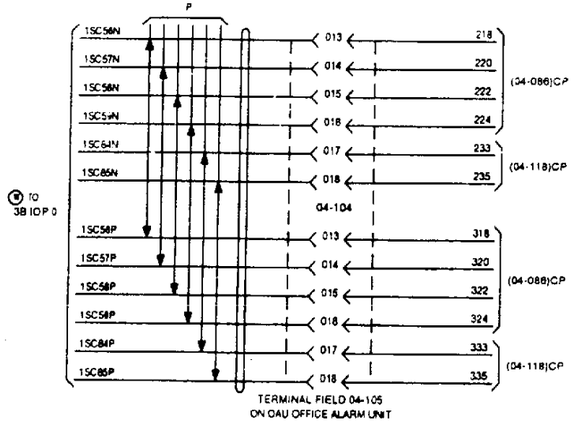


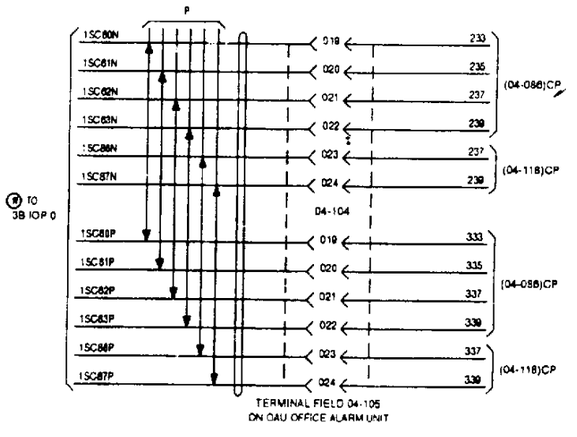
NOTES:

1. PAIRED WIRES ARE 26 AWG.









MISCELLANEOUS CABINET (6 FT)

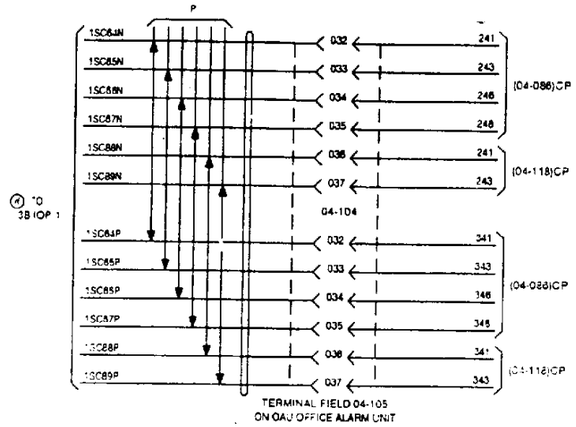
DWG SIZE	ISSUE
C2	32B

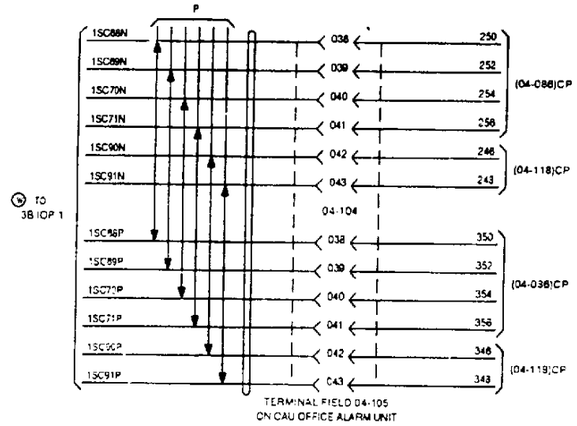
AT&T	SD-5D130-01	SHEET
		G31

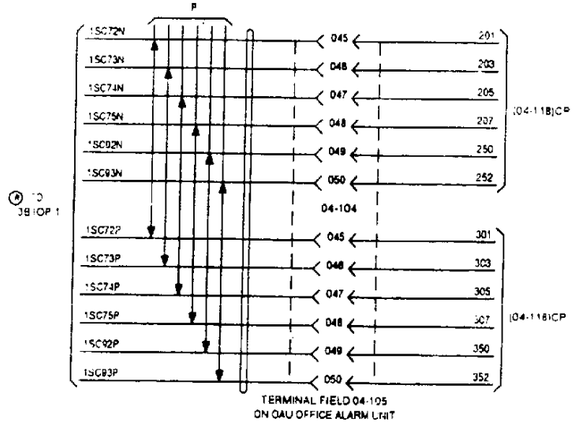
PRINTED IN U.S.A.

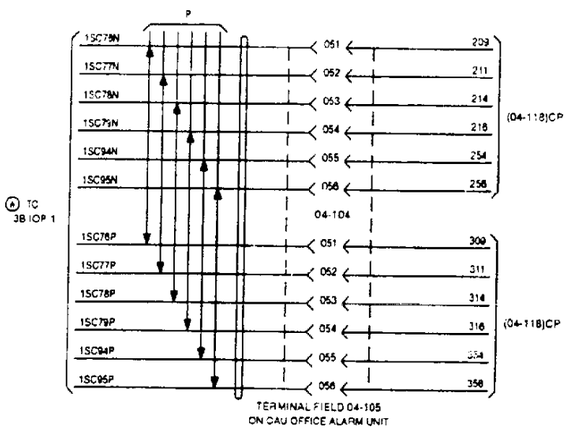
PART OF CAD 7

FOR APP FIG. 7
OFFICE ALARMS









NOTES

1. PAIRED WIRES ARE 26 AWG.

MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET G32

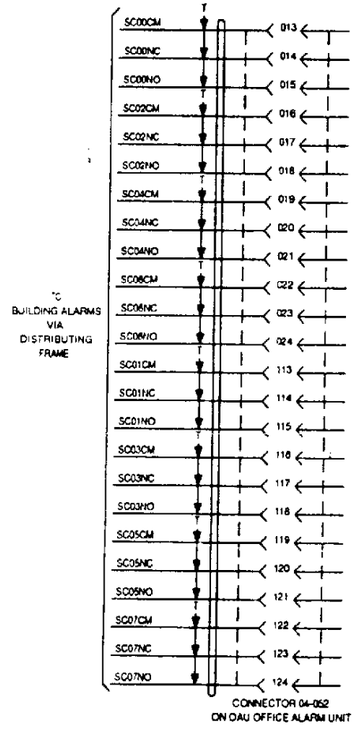
PRINTED IN U.S.A

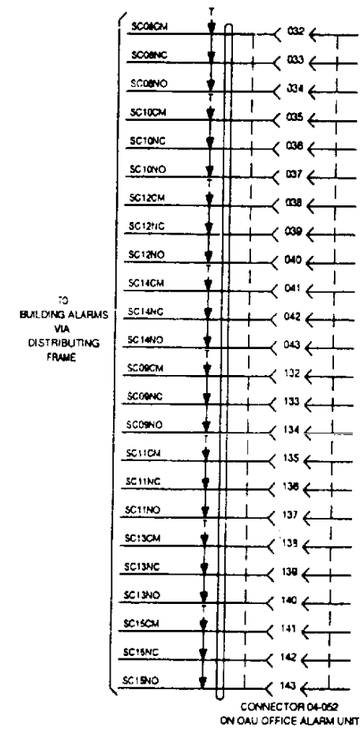
PART OF CAD 7

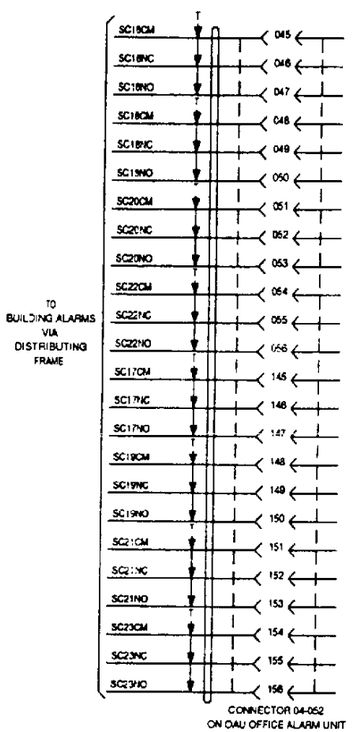
FOR APP FIG. 7
OFFICE ALARMS

NOTES

1. TRIPLE WIRES ARE 26 AWG







MISCELLANEOUS CABINET (6 FT)		DWG SIZE	ISSUE
		C2	32B
AT&T	SD-5D130-01		SHEET G33

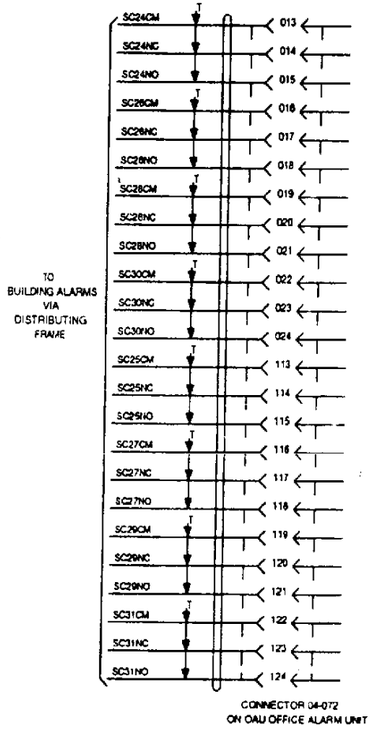
PRINTED IN U.S.A.

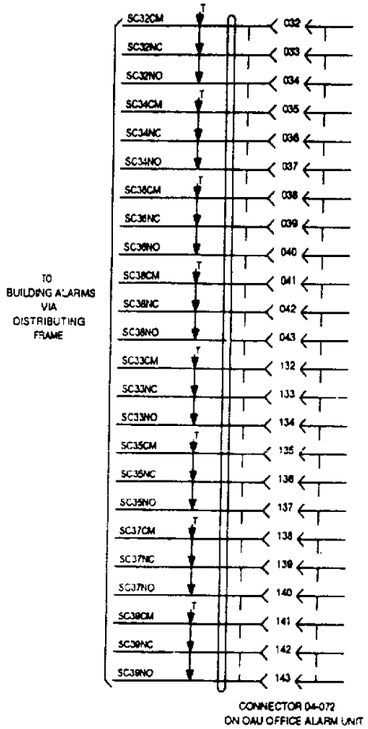
PART OF CAD 7

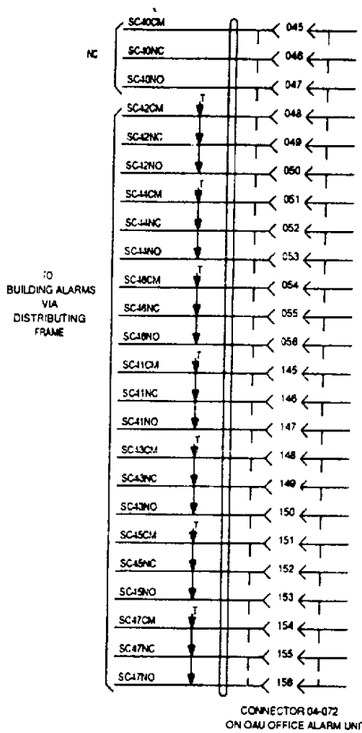
FOR APP FIG 7
OFFICE ALARMS

NOTES:

1. TRIPLE WIRES ARE 26 AWG.







MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G34

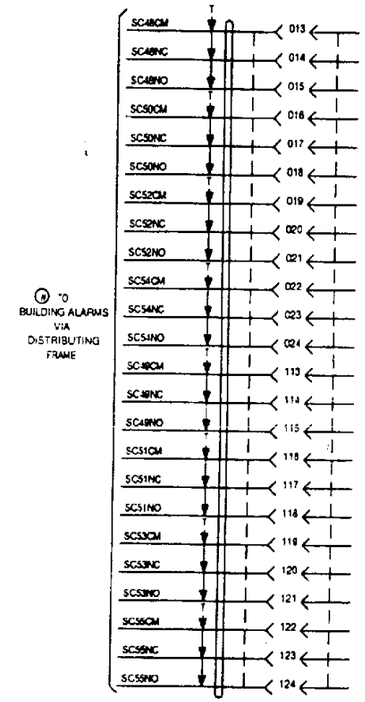
PRINTED IN U.S.A.

PART OF CAD 7

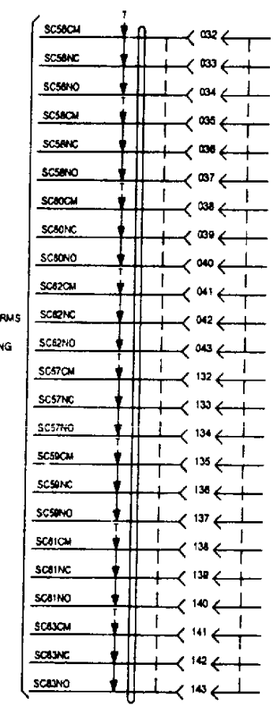
FOR APP FIG. 7
OFFICE ALARMS

NOTES:

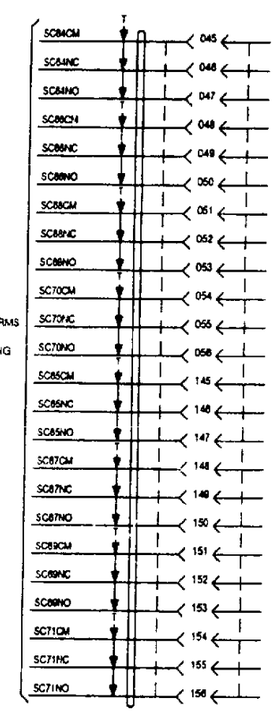
1. TRIPLE WIRES ARE 26 AWG.



(N) TO BUILDING ALARMS VIA DISTRIBUTING FRAME



(N) TO BUILDING ALARMS VIA DISTRIBUTING FRAME



(N) TO BUILDING ALARMS VIA DISTRIBUTING FRAME

MISCELLANEOUS CABINET (6 FT)	DWG SIZE: C2	ISSUE: 32B
AT&T	SD-5D130-01	SHEET: G35

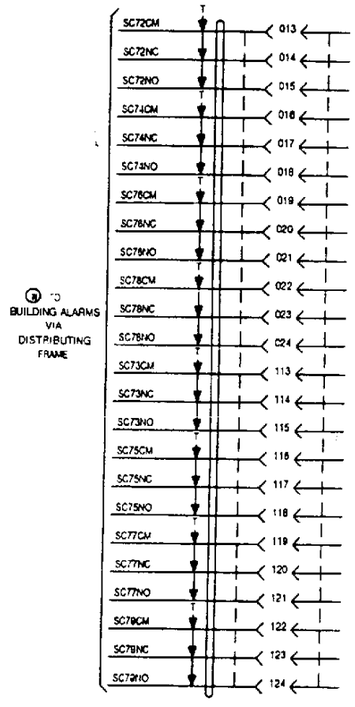
PRINTED IN U.S.A.

PART OF CAD 7

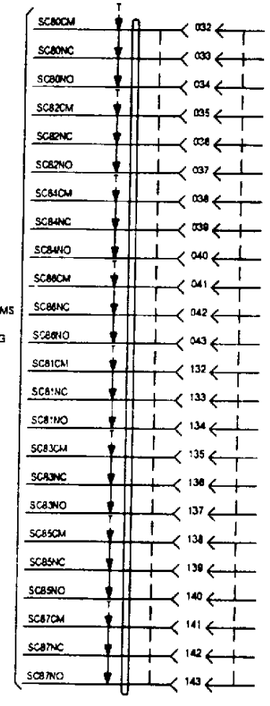
FOR APP FIG. 7
OFFICE ALARMS

NOTES:

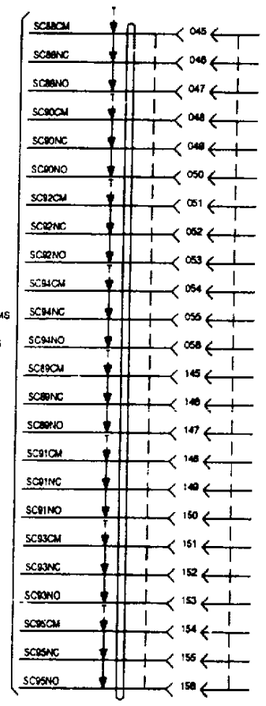
1. TRIPLE WIRES ARE 26 AWG.



(B) TO BUILDING ALARMS VIA DISTRIBUTING FRAME



(A) TO BUILDING ALARMS VIA DISTRIBUTING FRAME



(B) TO BUILDING ALARMS VIA DISTRIBUTING FRAME

MISCELLANEOUS CABINET (6 FT)		DWG SIZE	ISSUE
		C2	32B
AT&T	SD-5D130-01		SHEET G38

PRINTED IN U.S.A.

PART OF CAD 7

APP FIG 7 OFFICE ALARMS
OPTION ZJ

TO PCFD 6 VIA DISTRIBUTION FRAME

SC98CM	013
SC98NC	014
SC98NO	015
	016
	017
	018
	019
	020
	021
	022
	023
	024

TO PCFD 7 VIA DISTRIBUTION FRAME

SC97CP	113
SC97NC	114
SC97NO	115
	116
	117
	118
	119
	120
	121
	122
	123
	124

CONNECTOR 04-150
ON OFFICE ALARM UNIT

TO IOP 0 PC12	0SC98N	045
	0SC98P	145
TO IOP 1 PC12	1SC98N	245
	1SC98P	345
TO IOP 0 PC12	0SC97N	046
	0SC97P	146
TO IOP 1 PC12	1SC97N	246
	1SC97P	346

CONNECTOR FIELD
04-134 ON
OFFICE ALARM UNIT

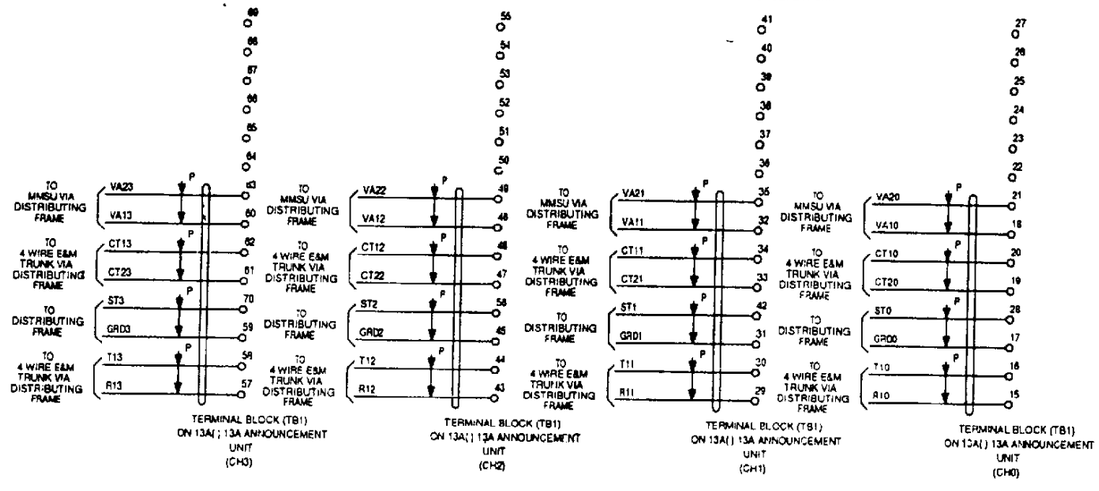
MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	328

AT&T | SD-5D130-01 | SHEET G37

CAD 8

FOR APP FIG 6
13A ANNOUNCEMENT UNIT



NOTES:
1. UNLESS OTHERWISE SPECIFIED, ALL PAIRS ARE 26 AWG.
2. ALL CONNECTIONS TO THE 13A ANNOUNCEMENT SYSTEM EXCEPT POWER AND GROUND ARE WIREWRAPPED ON THE BACKPLANE.

MISCELLANEOUS CABINET (6 FT)

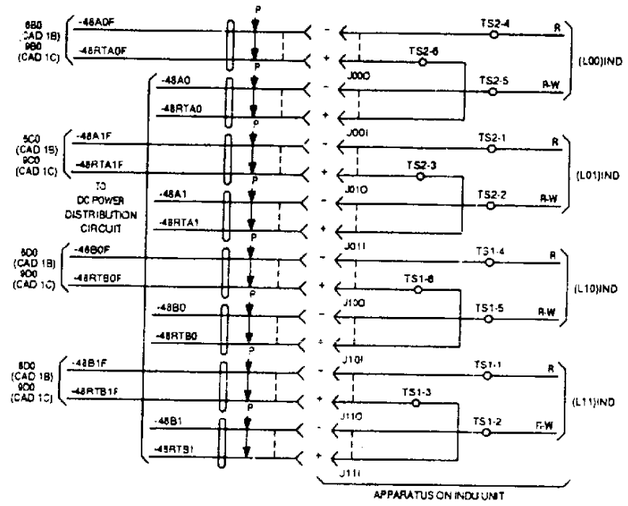
DWG SIZE	ISSUE
C2	32B

AT&T | SD-5D130-01 | SHEET G38

PRINTED IN U.S.A.

CAD 9

FOR APP FIG. 9
POWER FEEDER TO CABINET
INDUCTOR PANEL



NOTES:

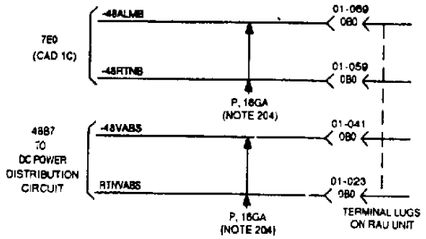
1. UNLESS OTHERWISE SPECIFIED, PAIRED WIRES ARE 10 AWG.

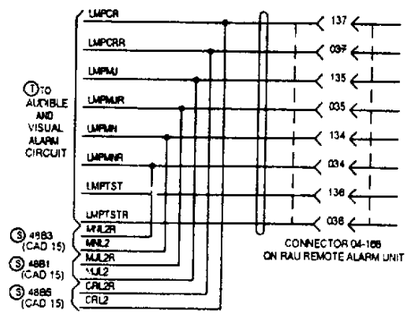
MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T SD-5D130-01		SHEET G39

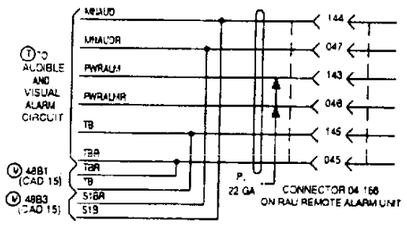
PRINTED IN U.S.A.

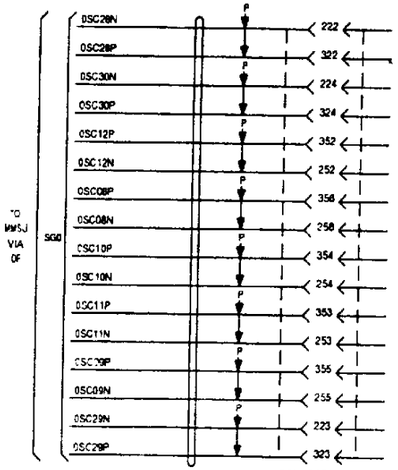
CAD 10

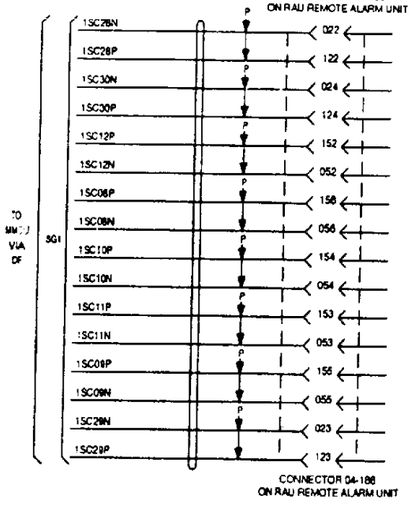
FOR APP FIG. 10
REMOTE ALARM UNIT











MISCELLANEOUS CABINET (6 FT)

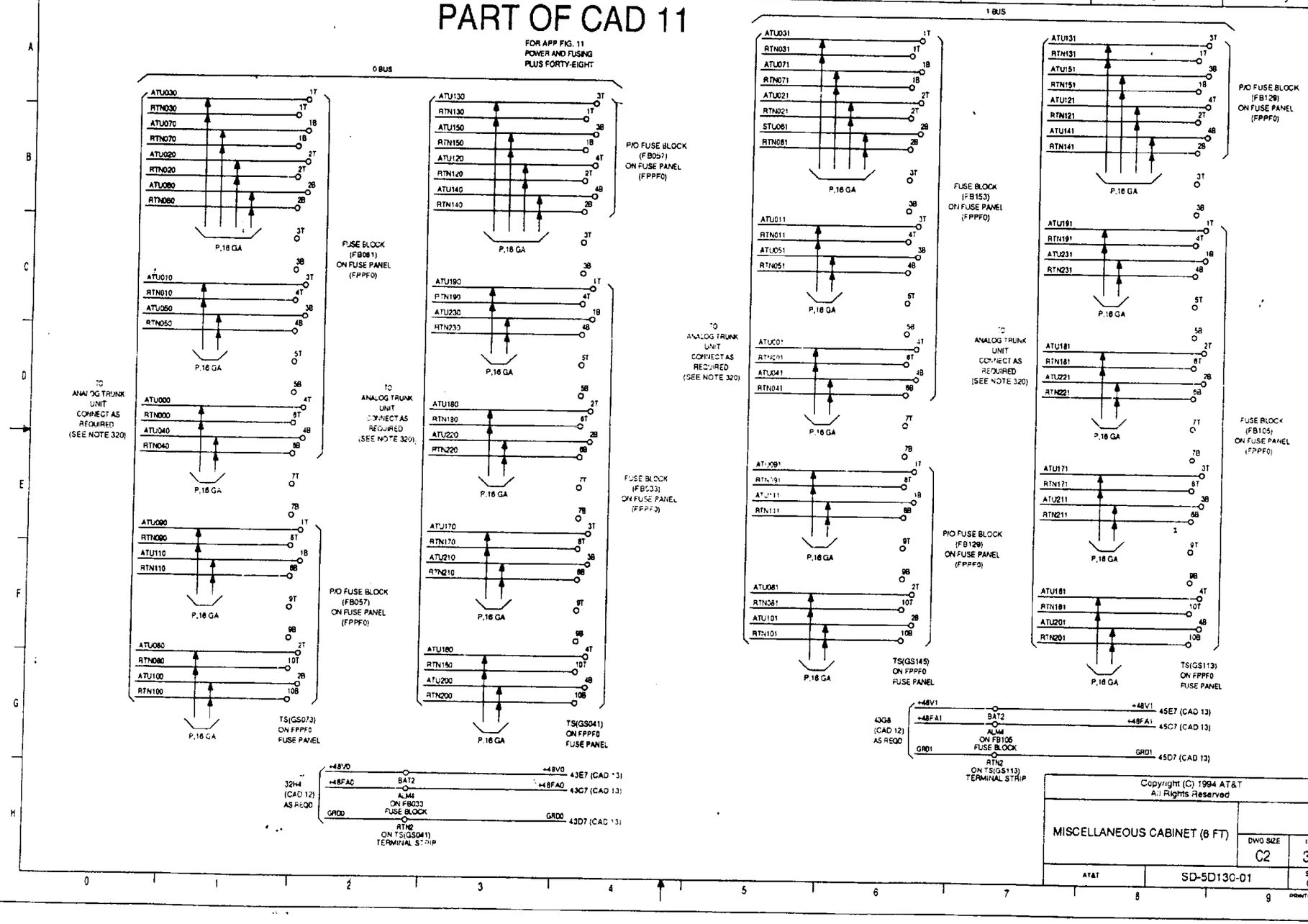
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G40

PRINTED IN U.S.A.

PART OF CAD 11

FOR APP FIG. 11
POWER AND FUSING
PLUS FORTY-EIGHT

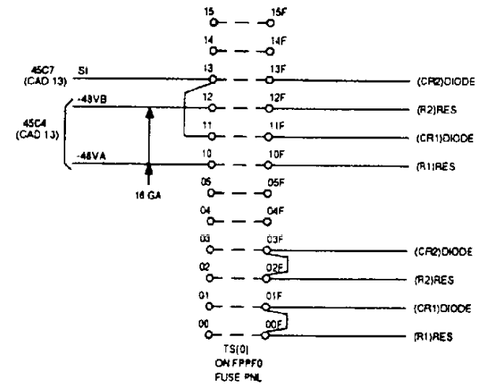


MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01		SHEET G41

PRINTED IN U.S.A.

PART OF CAD 11

FOR APP FIG. 11
POWER AND FUSING
PLUS FORTY-EIGHT
(0 AND 1 POWER BUS)



MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G42

PRINTED IN U.S.A.

PART OF CAD 12

FOR APP FIG. 12
POWER AND FUSING
PLUS FORTY-EIGHT
(0 AND 1 POWER BUS)

0 BUS

1 BUS

P,16 GA

FUSE BLOCK (FB081) ON FUSE PANEL (FPPF1-4)

P/O FUSE BLOCK (FB057) ON FUSE PANEL (FPPF1-4)

FUSE BLOCK (FB033) ON FUSE PANEL (FPPF1-4)

P/O FUSE BLOCK (FB129) ON FUSE PANEL (FPPF1-4)

FUSE BLOCK (FB153) ON FUSE PANEL (FPPF1-4)

FUSE BLOCK (FB105) ON FUSE PANEL (FPPF1-4)

TO ANALOG TRUNK UNIT CONNECT AS REQUIRED (SEE NOTE 320) AND TABLE A

TS(GS023) ON FPPF1-4 FUSE PANEL

TS(GS041) ON FPPF1-4 FUSE PANEL

TS(GS145) ON FPPF1-4 FUSE PANEL

TS(GS113) ON FPPF1-4 FUSE PANEL

TO SUCCEEDING CAD 12 AS REQD

+48V0 +48FA0 BA12 ALM4 ON FB033 FUSE BLOCK GRD0 RTI2 ON TS(GS041) TERMINAL STRIP +48V0 +48FA0 GRD0

41H2 (CAD 11) OR TO PRECEDING CAD 12 AS REQD

+48V1 +48FA1 BA72 ALM4 ON FB105 FUSE BLOCK GRD1 RTI2 ON TS(GS113) TERMINAL STRIP +48V1 +48FA1 GRD1

41G8 (CAD 11) OR TO PRECEDING CAD 12 AS REQD

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T SD-5D130-01 SHEET G43

PRINTED IN U.S.A.

PART OF CAD 12

FOR APP FIG. 12
POWER AND FUSING
PLUS FORTY-EIGHT
(0 AND 1 POWER BUS)

TABLE A

BUS	FUSE BLOCK(+48)		TERM STRIP(RTN)		PANEL 1		PANEL 2		PANEL 3		PANEL 4	
	DESIG	TERM	DESIG	TERM	+48	RTN	+48	RTN	+48	RTN	+48	RTN
0	FB081	4T	GS073	6T	ATU240	RTN240	ATU480	RTN480	ATU720	RTN720	ATU960	RTN960
		3T		4T	ATU250	RTN250	ATU490	RTN490	ATU730	RTN730	ATU970	RTN970
		2T		2T	ATU260	RTN260	ATU500	RTN500	ATU740	RTN740	ATU980	RTN980
		1T		1T	ATU270	RTN270	ATU510	RTN510	ATU750	RTN750	ATU990	RTN990
		4B		8B	ATU280	RTN280	ATU520	RTN520	ATU760	RTN760	ATU1000	RTN1000
		3B		4B	ATU290	RTN290	ATU530	RTN530	ATU770	RTN770	ATU1010	RTN1010
		2B		2B	ATU300	RTN300	ATU540	RTN540	ATU780	RTN780	ATU1020	RTN1020
		1B		1B	ATU310	RTN310	ATU550	RTN550	ATU790	RTN790	ATU1030	RTN1030
	FB057	2T		10T	ATU320	RTN320	ATU560	RTN560	ATU800	RTN800	ATU1040	RTN1040
		1T		8T	ATU330	RTN330	ATU570	RTN570	ATU810	RTN810	ATU1050	RTN1050
		2B		10B	ATU340	RTN340	ATU580	RTN580	ATU820	RTN820	ATU1060	RTN1060
		1B		8B	ATU350	RTN350	ATU590	RTN590	ATU830	RTN830	ATU1070	RTN1070
		4T		2T	ATU360	RTN360	ATU600	RTN600	ATU840	RTN840	ATU1080	RTN1080
		3T		1T	ATU370	RTN370	ATU610	RTN610	ATU850	RTN850	ATU1090	RTN1090
		4B		2B	ATU380	RTN380	ATU620	RTN620	ATU860	RTN860	ATU1100	RTN1100
		3B		1B	ATU390	RTN390	ATU630	RTN630	ATU870	RTN870	ATU1110	RTN1110
	FB033	4T	GS044	10T	ATU400	RTN400	ATU640	RTN640	ATU880	RTN880	ATU1120	RTN1120
		3T		8T	ATU410	RTN410	ATU650	RTN650	ATU890	RTN890	ATU1130	RTN1130
		2T		8T	ATU420	RTN420	ATU660	RTN660	ATU900	RTN900	ATU1140	RTN1140
		1T		4T	ATU430	RTN430	ATU670	RTN670	ATU910	RTN910	ATU1150	RTN1150
		4B		10B	ATU440	RTN440	ATU680	RTN680	ATU920	RTN920	ATU1160	RTN1160
		3B		8B	ATU450	RTN450	ATU690	RTN690	ATU930	RTN930	ATU1170	RTN1170
		2B		6B	ATU460	RTN460	ATU700	RTN700	ATU940	RTN940	ATU1180	RTN1180
		1B		4B	ATU470	RTN470	ATU710	RTN710	ATU950	RTN950	ATU1190	RTN1190
1	FB153	4T	GS145	6T	ATU241	RTN241	ATU481	RTN491	ATU721	RTN721	ATU961	RTN961
		3T		4T	ATU251	RTN251	ATU491	RTN491	ATU731	RTN731	ATU971	RTN971
		2T		2T	ATU261	RTN261	ATU501	RTN501	ATU741	RTN741	ATU981	RTN981
		1T		1T	ATU271	RTN271	ATU511	RTN511	ATU751	RTN751	ATU991	RTN991
		4B		8B	ATU281	RTN281	ATU521	RTN521	ATU761	RTN761	ATU1001	RTN1001
		3B		4B	ATU291	RTN291	ATU531	RTN531	ATU771	RTN771	ATU1011	RTN1011
		2B		2B	ATU301	RTN301	ATU541	RTN541	ATU781	RTN781	ATU1021	RTN1021
		1B		1B	ATU311	RTN311	ATU551	RTN551	ATU791	RTN791	ATU1031	RTN1031
	FB129	2T		10T	ATU321	RTN321	ATU561	RTN561	ATU801	RTN801	ATU1041	RTN1041
		1T		8T	ATU331	RTN331	ATU571	RTN571	ATU811	RTN811	ATU1051	RTN1051
		2B		10B	ATU341	RTN341	ATU581	RTN581	ATU821	RTN821	ATU1061	RTN1061
		1B		8B	ATU351	RTN351	ATU591	RTN591	ATU831	RTN831	ATU1071	RTN1071
		4T		2T	ATU361	RTN361	ATU601	RTN601	ATU841	RTN841	ATU1081	RTN1081
		3T		1T	ATU371	RTN371	ATU611	RTN611	ATU851	RTN851	ATU1091	RTN1091
		4B		2B	ATU381	RTN381	ATU621	RTN621	ATU861	RTN861	ATU1101	RTN1101
		3B		1B	ATU391	RTN391	ATU631	RTN631	ATU871	RTN871	ATU1111	RTN1111
	FB105	4T	GS113	10T	ATU401	RTN401	ATU641	RTN641	ATU881	RTN881	ATU1121	RTN1121
		3T		8T	ATU411	RTN411	ATU651	RTN651	ATU891	RTN891	ATU1131	RTN1131
		2T		6T	ATU421	RTN421	ATU661	RTN661	ATU901	RTN901	ATU1141	RTN1141
		1T		4T	ATU431	RTN431	ATU671	RTN671	ATU911	RTN911	ATU1151	RTN1151
		4B		10B	ATU441	RTN441	ATU681	RTN681	ATU921	RTN921	ATU1161	RTN1161
		3B		8B	ATU451	RTN451	ATU691	RTN691	ATU931	RTN931	ATU1171	RTN1171
		2B		6B	ATU461	RTN461	ATU701	RTN701	ATU941	RTN941	ATU1181	RTN1181
		1B		4B	ATU471	RTN471	ATU711	RTN711	ATU951	RTN951	ATU1191	RTN1191

MISCELLANEOUS CABINET (6 FT)

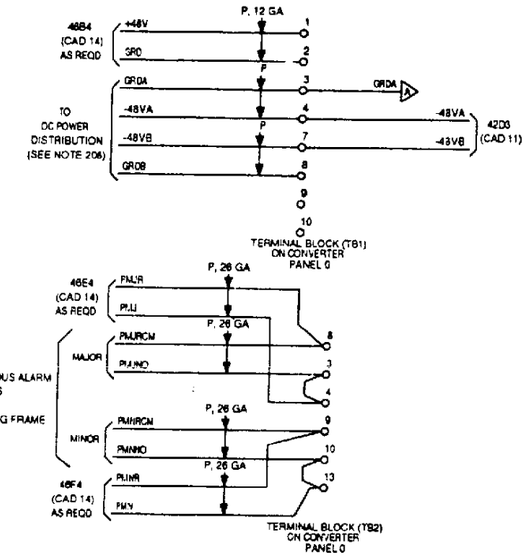
DWG SIZE	ISSUE
C2	32B

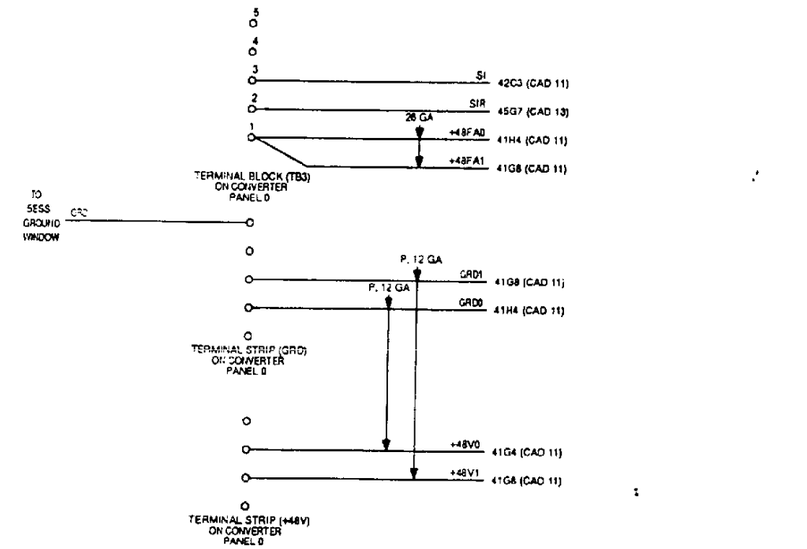
AT&T	SD-5D130-01	SHEET
		G44

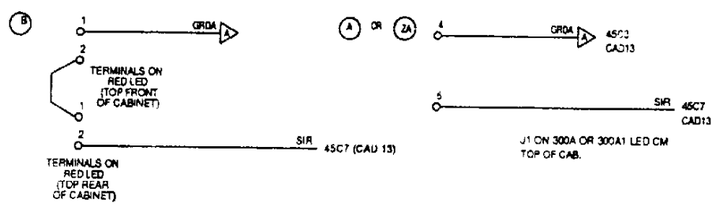
PRINTED IN U.S.A.

CAD 13

FOR APP FIG. 14
662A PLANT
BASIC UNIT





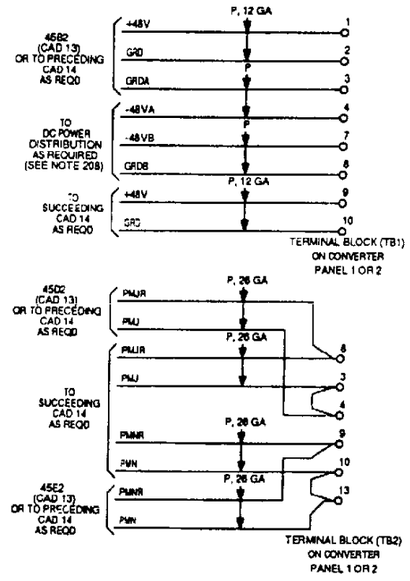


MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET G45

PRINTED IN U.S.A.

CAD 14

FOR APP FIG. 15
662A PLANT
CONVERTER PANELS



MISCELLANEOUS CABINET (6 FT)

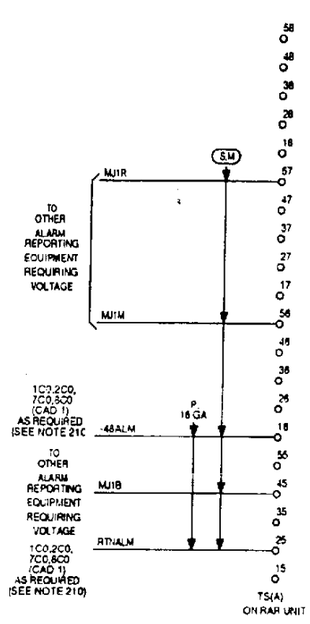
DWG SIZE	ISSUE
C2	32B

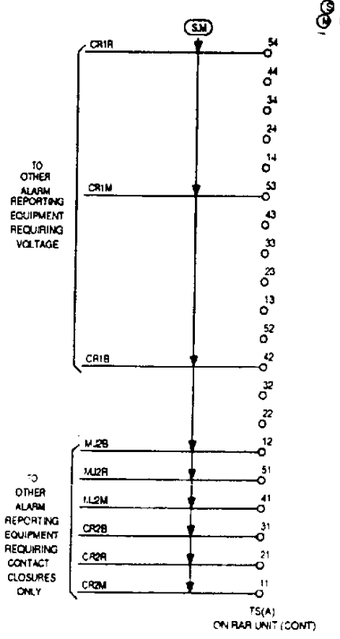
AT&T	SD-5D130-01	SHEET
		G46

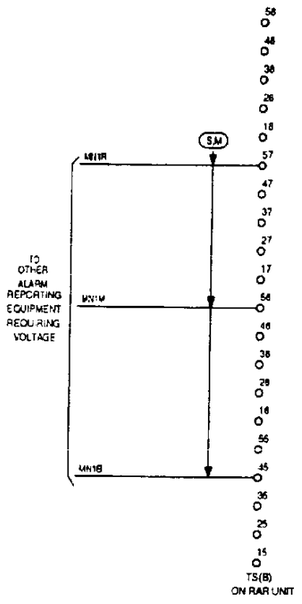
PRINTED IN U.S.A.

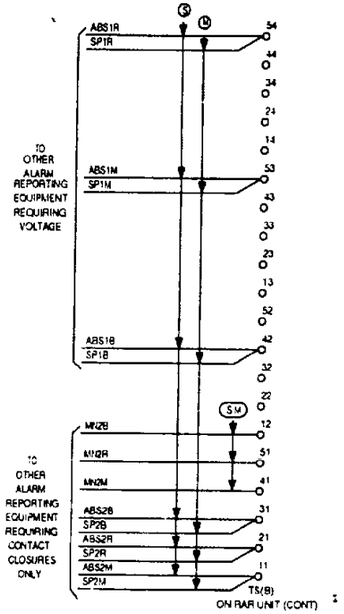
PART OF CAD 15

FOR APP FIG. 17
REMOTE ALARM RELAYS
(S) FOR VISUAL INDICATIONS
(A) FOR AUDIBLE INDICATIONS







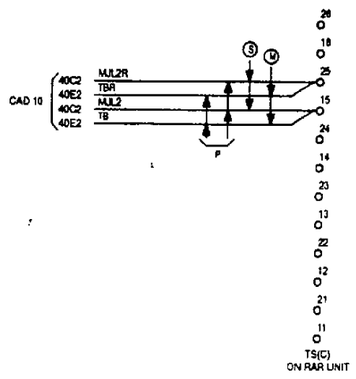


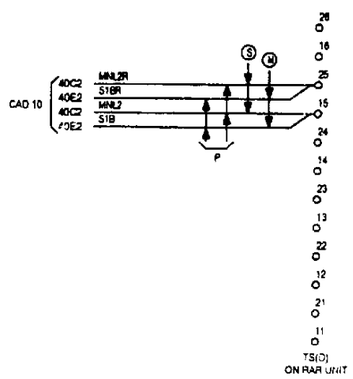
MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 328
AT&T	SD-5D130-01		SHEET G47

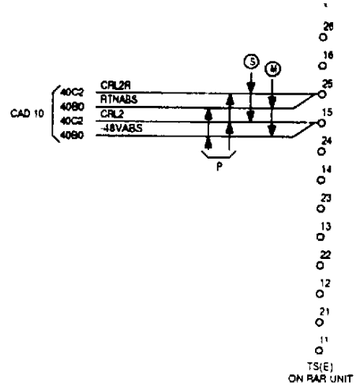
PRINTED IN U.S.A.

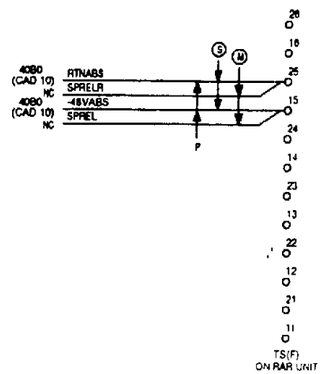
PART OF CAD 15

FOR APP FIG. 17
REMOTE ALARM RELAYS
(S) FOR VISUAL INDICATIONS
(M) FOR AUDIBLE INDICATIONS









MISCELLANEOUS CABINET (6 FT)

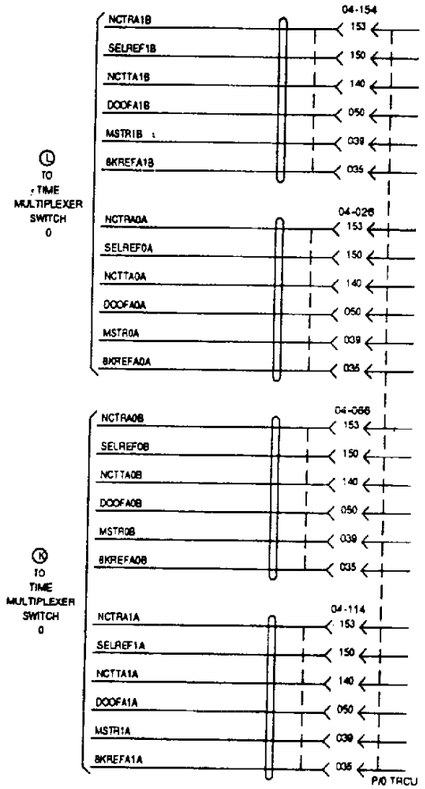
DWG SIZE	ISSUE
C2	32B

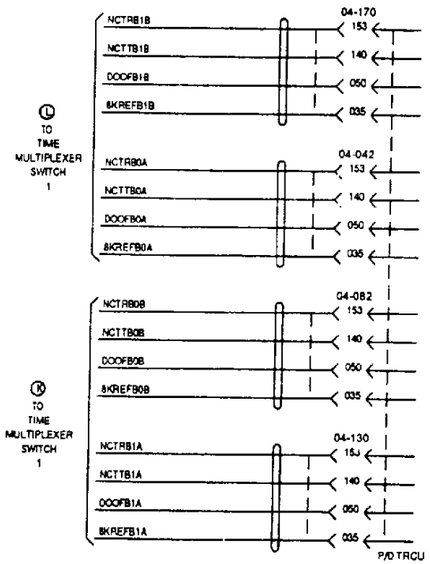
AT&T	SD-5D130-01	SHEET
		G48

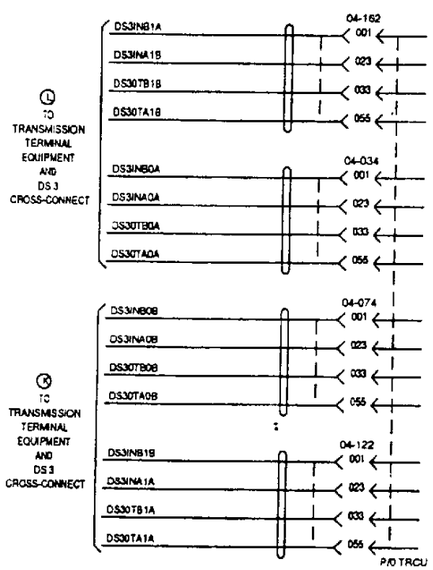
PRINTED IN U.S.A.

CAD 16A

TRANSMISSION RATE CONVERTER UNIT







MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G49

PRINTED IN U.S.A.

CAD 16B

TRANSMISSION RATE CONVERTER UNIT 2

TO CM
- *DLI61 — 04-*-004
- *DLI52 — 04-*-003

(* SEE TABLE A)

TABLE A

NET	EQL
0	018
1	174

(*) TO CM
- *ENCTT — 04-*-143
- *ENCTR — 04-*-153

(* SEE TABLE B)

TABLE B

OPTION	NET	EQL
E	0A	022
F	0B	130
E	1A	046
F	1B	162

(*) TO DSX3
- *EDS3OT — 04-*-J9
- *EDS3IN — 04-*-J11

(* SEE TABLE C)

TABLE C

OPTION	NET	EQL
E	0A	083
F	0B	082
E	1A	101
F	1B	120

(*) TO LGX
- *RCV — 04-*-LG(IN)

(* SEE TABLE D)

TABLE D

OPTION	NET	EQL
E	0A	089
F	0B	088
E	0C	107
F	0D	126

(*) TO CM
- *ONCTT — 04-*-140
- *ONCTR — 04-*-153

(* SEE TABLE E)

TABLE E

OPTION	NET	EQL
E	0A	030
F	0B	082
E	1A	101
F	1B	120

(*) TO DSX3
- *ODS3OT — 04-*-J12
- *ODS3IN — 04-*-J10

(* SEE TABLE F)

TABLE F

OPTION	NET	EQL
E	0A	083
F	0B	101
E	1A	082
F	1B	120

(*) TO LGX
- *RTNS — 04-*-LG(OUT)

(* SEE TABLE G)

TABLE G

OPTION	NET	EQL
E	0A	089
F	0B	088
E	1A	107
F	1B	126

400 (CAD 16B)
- 0-48 — 01-020-080
- 0-48RTN — 01-014-080

400 (CAD 16B)
- 1-48 — 01-170-180
- 1-48RTN — 01-167-080

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G50

PRINTED IN U.S.A.

CAD 17

LINK ADAPTER UNIT

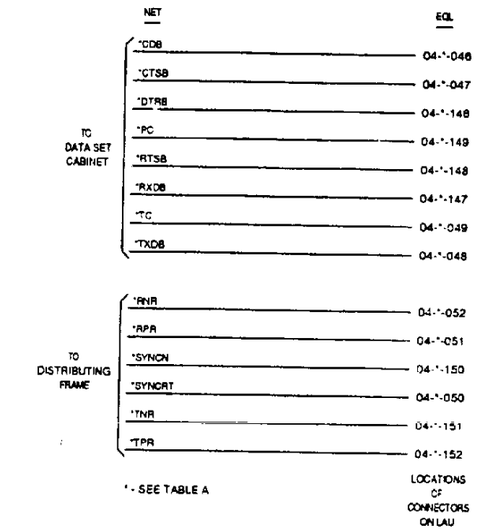


TABLE A

NET	EQL
2	072
3	080
4	088
5	096
6	104
7	112
8	120
9	128
10	136
11	144
12	152
13	160
14	168
15	176

MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

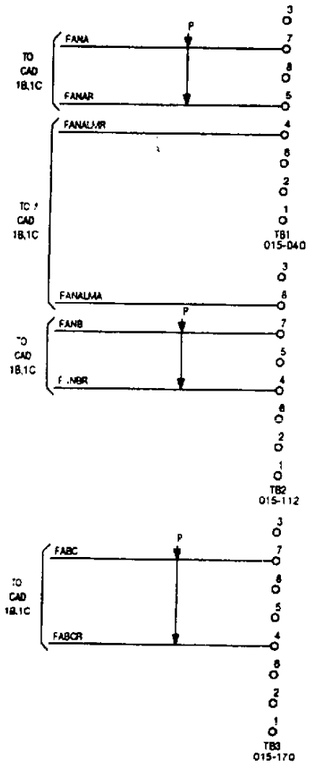
AT&T	SD-5D130-01	SHEET
		G51

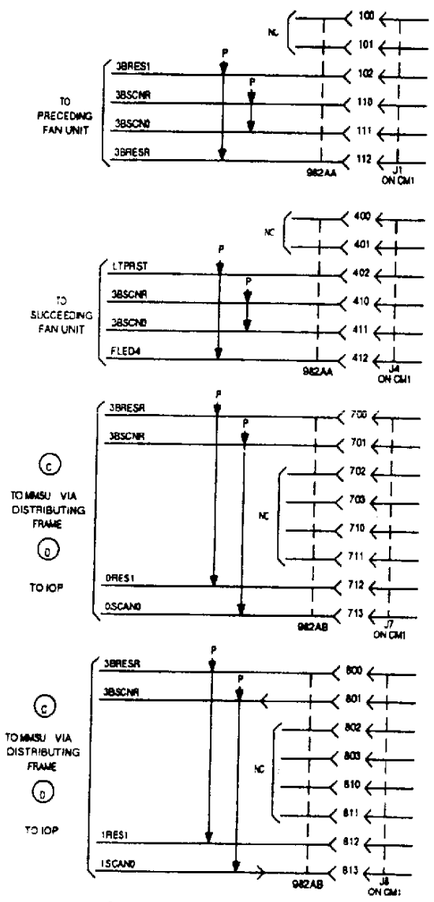
PRINTED IN U.S.A.

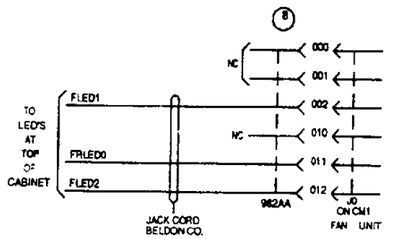
CAD 18

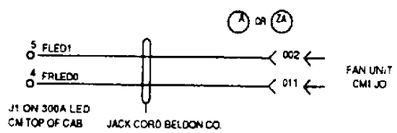
FOR APP FIG. 24
3 FAN UNIT
(FOR API CABINET)

POWER AND FUSING









MISCELLANEOUS CABINET (6 FT)

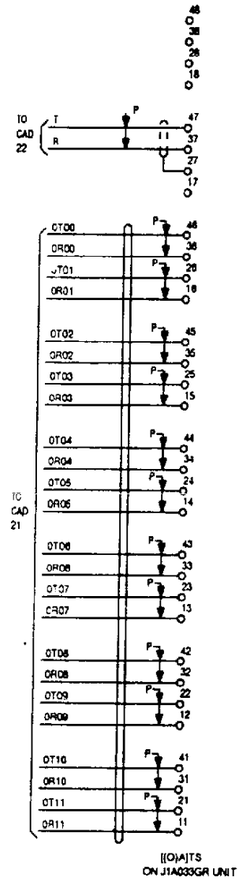
DWG SIZE	ISSUE
C2	32B

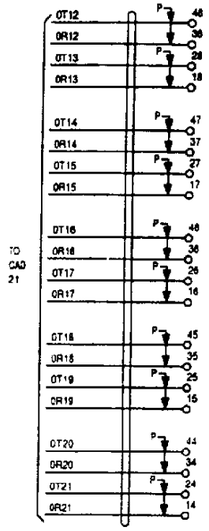
AT&T	SD-5D130-01	SHEET
		G52

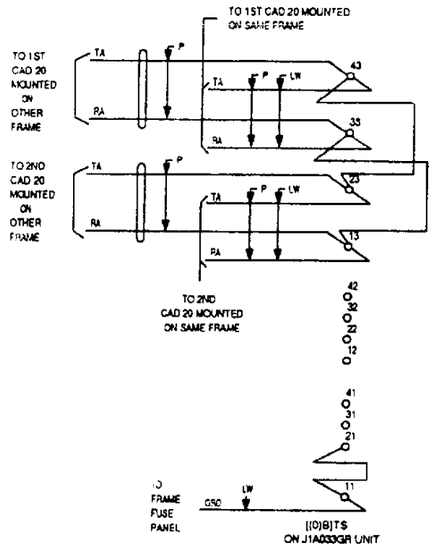
PRINTED IN U.S.A.

CAD 19

FOR APP FIG. 27
(MUSIC ON QUEUE)
FOR APP FIG. 29
(MUSIC ON QUEUE 2ROV 50H $_2$)







MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

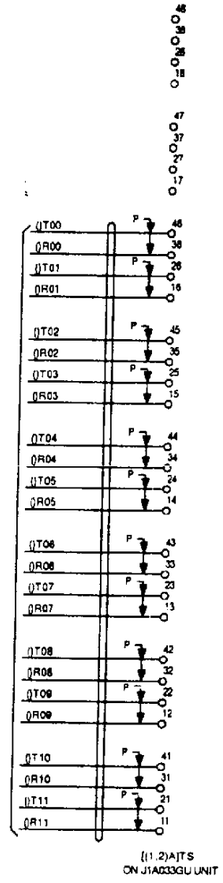
AT&T | SD-5D130-01 | SHEET G53

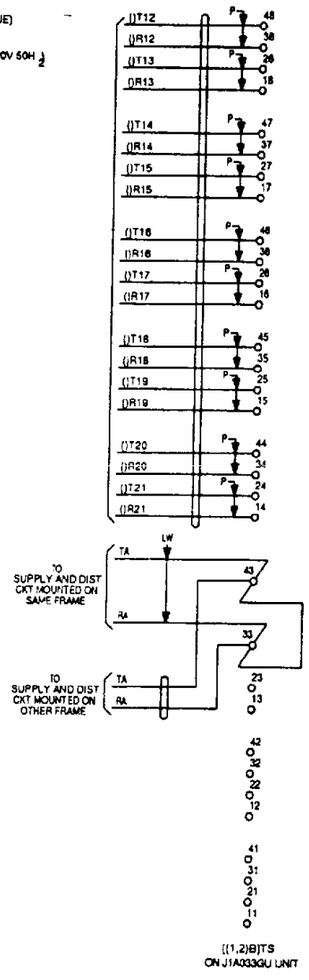
PRINTED IN U.S.A.

CAD 20

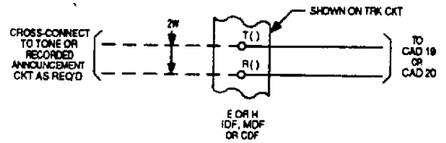
FOR APP FIG. 28
(MUSIC/SILENCE ON QUEUE)

FOR APP FIG. 30
(MUSIC/SILENCE ON QUEUE 220V 50H $\frac{1}{2}$)

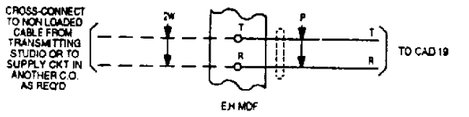




CAD 21



CAD 22



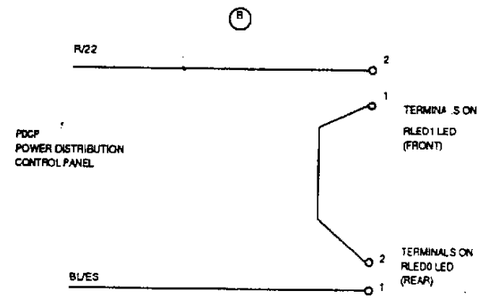
MISCELLANEOUS CABINET (6 FT)

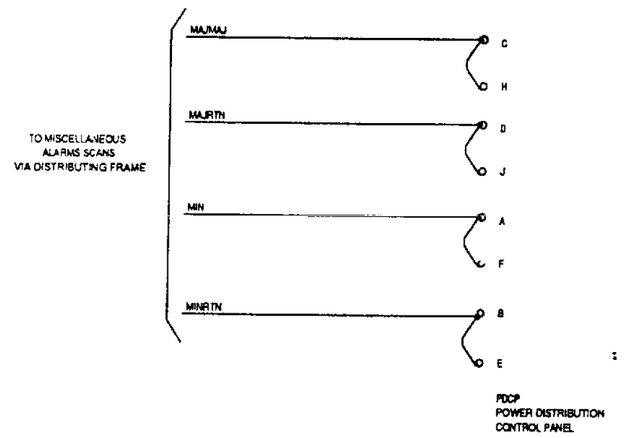
DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G54

CAD 23

FOR APP FIG 18
PDCP POWER DISTRIBUTION CONTROL PANEL





MISCELLANEOUS CABINET (6 FT)	DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET G55

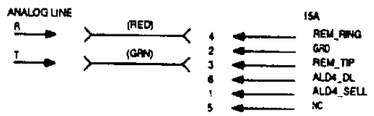
PRINTED IN U.S.A.

CAD 24

15A PIN	NAME	DISTRIBUTION FRAME NAME		15A PIN	NAME	DISTRIBUTION FRAME NAME	
26	T0	T0	CHANNEL 0	38	T4	T4	CHANNEL 4
1	R0	R0		13	R4	R4	
28	MU0	E0		40	MU4	E4	
27	START0	TRAP		39	START0	TRAP	
2	START-RTN	TOGETHER		14	START-RTN	TOGETHER	
3	AL	ALARM		15	-48VRTN		
29	T1	T1	CHANNEL 1	41	T5	T5	CHANNEL 5
4	R1	R1		16	R5	R5	
31	MU1	E1		43	MU5	E5	
30	START1	TRAP		42	START1	TRAP	
5	START-RTN	TOGETHER		17	START-RTN	TOGETHER	
6	ALRTN	ALARM RETURN		18	NC		
32	T2	T2	CHANNEL 2	44	T6	T6	CHANNEL 6
7	R2	R2		19	R6	R6	
34	MU2	E2		40	MU6	E6	
33	START2	TRAP		45	START2	TRAP	
8	START-RTN	TOGETHER		20	START-RTN	TOGETHER	
9	ALTST	ALARM RETURN		21	-48VRTN		
35	T3	T3	CHANNEL 3	47	T7	T7	CHANNEL 7
10	R3	R3		22	R7	R7	
37	MU3	E3		49	MU7	E7	
36	START3	TRAP		48	START3	TRAP	
11	START-RTN	TOGETHER		23	START-RTN	TOGETHER	
12	ALTST-RTN	ALARM TEST RETURN		24	NC		
				50	-48V		
				25	-48VRTN		

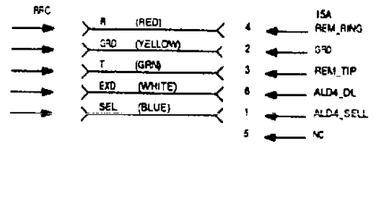
CAD 25

(OPTIONAL CABLING)
CONNECTION TO ANALOG LINE



CAD 26

(OPTIONAL CABLING)
CONNECTION TO THE REMOTE RECORD CONCENTRATOR
(SD-97812-01)



MISCELLANEOUS CABINET (6 FT)		DWG SIZE C2	ISSUE 32B
AT&T	SD-5D130-01	SHEET G56	

PRINTED IN U.S.A.

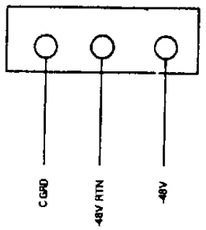
CAD 27

18A ANNOUNCER

PIN NAME	DISTRIBUTION FRAME		
AL 1	AT00		TN220B CIRCUIT PACK
ALR 1	AR00		
AL 2	AT01		
ALR 2	AR01		
AL 3	AT02		
ALR 3	AR02		
Y	AT03		
YR	AR03		
BR	AT04		
BRR	AR04		
RCV T1	XMT TIP	OUT	ANNSB OR TN1611 CIRCUIT PACK
RCV R1	XMT RING		
XMT T2	RCV TIP	IN	
XMT R2	RCV RING		
AUD1	T		MUSIC OR OTHER EXTERNAL SOURCE
AUD1R	R		
AUD2	T		
AUD2R	R		
AUD3	T		
AUD3R	R		
AUD4	T		
AUD4R	R		

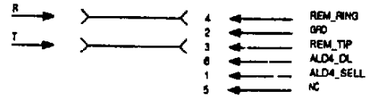
CAD 28

TERMINAL BLOCK CONNECTION



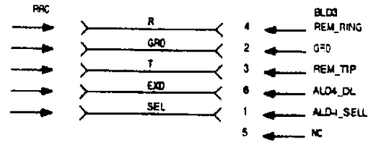
CAD 29

(OPTIONAL CABLING)
CONNECTION TO ANALOG LINE



CAD 30

(OPTIONAL CABLING)
CONNECTION TO THE REMOTE RECORD CONCENTRATOR



MISCELLANEOUS CABINET (6 FT)

DWG SIZE	ISSUE
C2	32B

AT&T	SD-5D130-01	SHEET
		G57

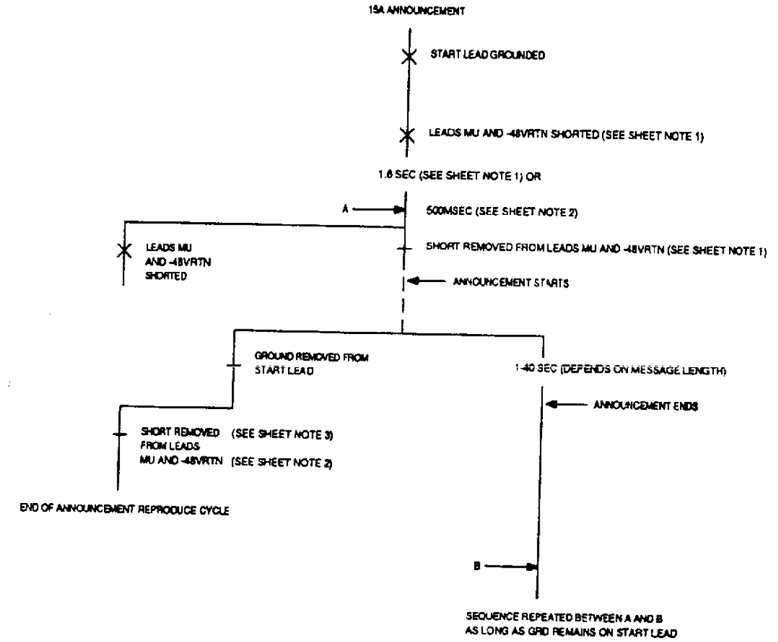
PRINTED IN U.S.A.

SC1

ANNOUNCEMENT REPRODUCE

NOTES:

1. IF CONFIGURATION DIP IS SET FOR CUT-THROUGH SIGNALING.
2. IF CONFIGURATION DIP SWITCH IS SET FOR MUTE SIGNALING.
3. ONLY IF CONFIGURATION DIP SWITCH IS SET FOR START-LEVEL SIGNALING, OTHERWISE THE ANNOUNCEMENT PLAYS TO THE END-OF-MESSAGE.



MISCELLANEOUS CABINET (6FT)		DWG SIZE C2	ISSUE 30B
AT&T	SD-5D130-01		SHEET E1

PRINTED IN U.S.A.