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SHEET INDEX (CON'T)

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DWG ISS	CD ISS	DATE ISSD	DRN	APP
1	1 APPX	11-22-96		
2M	1 APPX 1M	01-20-97		

SUPPORTING INFORMATION

SYSTEM USED ON	DESIGN CONTROL	CATEGORY	NO.	SHEET INDEX NOTES
ANS	IH	ADVANCED NETWORK SERVICES		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.
ACSC	IH	ADVANTAGE CONTROL SERVER CABINET	ED1S015-60	
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AMC	IH	ADVANTAGE MISCELLANEOUS CAB	ED1S019-10	
MC	IH	MISCELLANEOUS CABINET SCN	J1S001E-1	
ANTC	IH	ADVANTAGE NETWORK TERMINATION CABINET	ED1S020-60	

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BT13

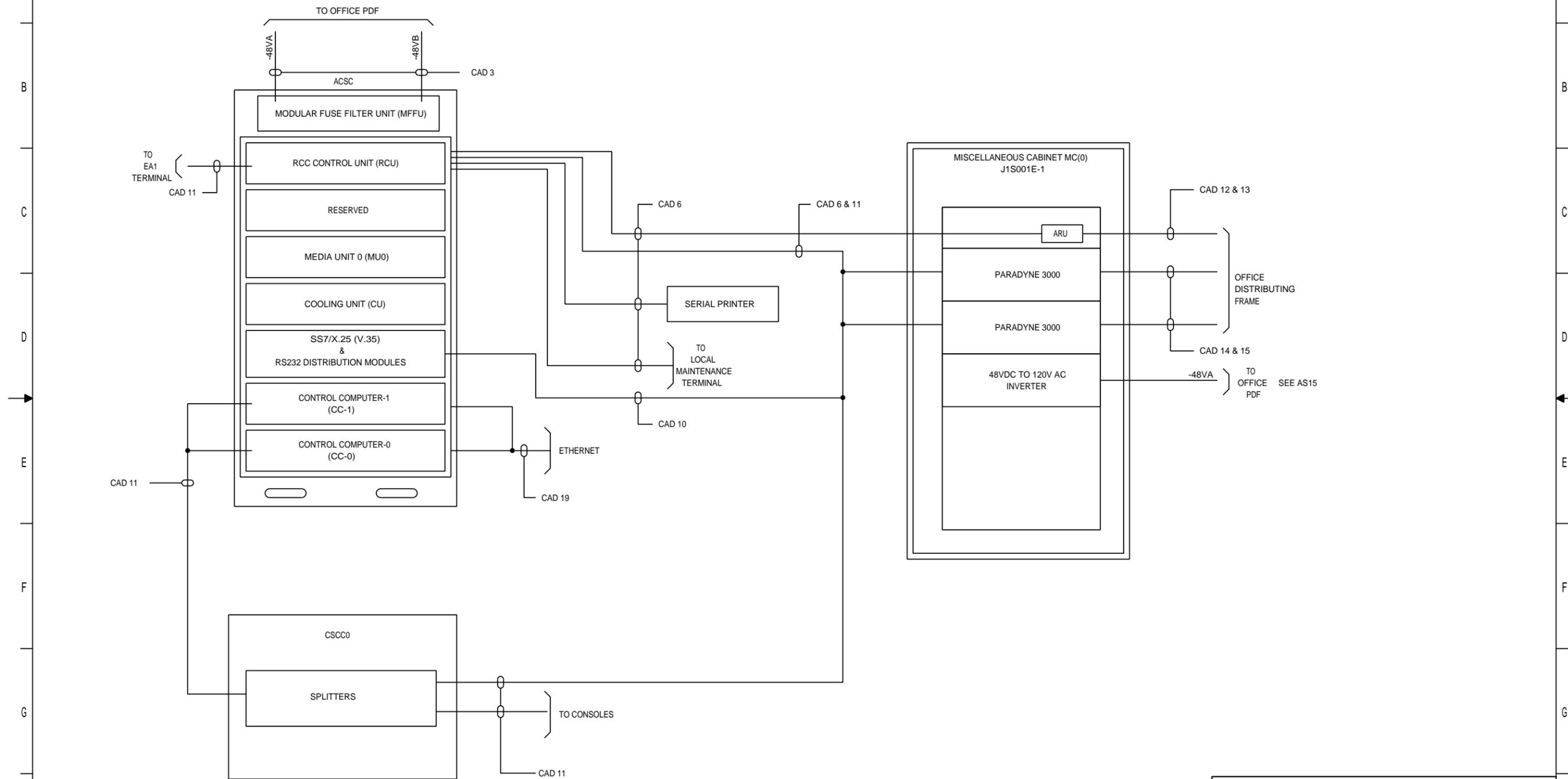
**ELECTRONIC SWITCHING SYSTEMS
ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER
CIRCUIT**

DWG SIZE C2	ISSUE 2M
Lucent Technologies SD-1S007-01	
SHEET A1 OF 55	

0 1 2 3 4 5 6 7 8 9

AS 1

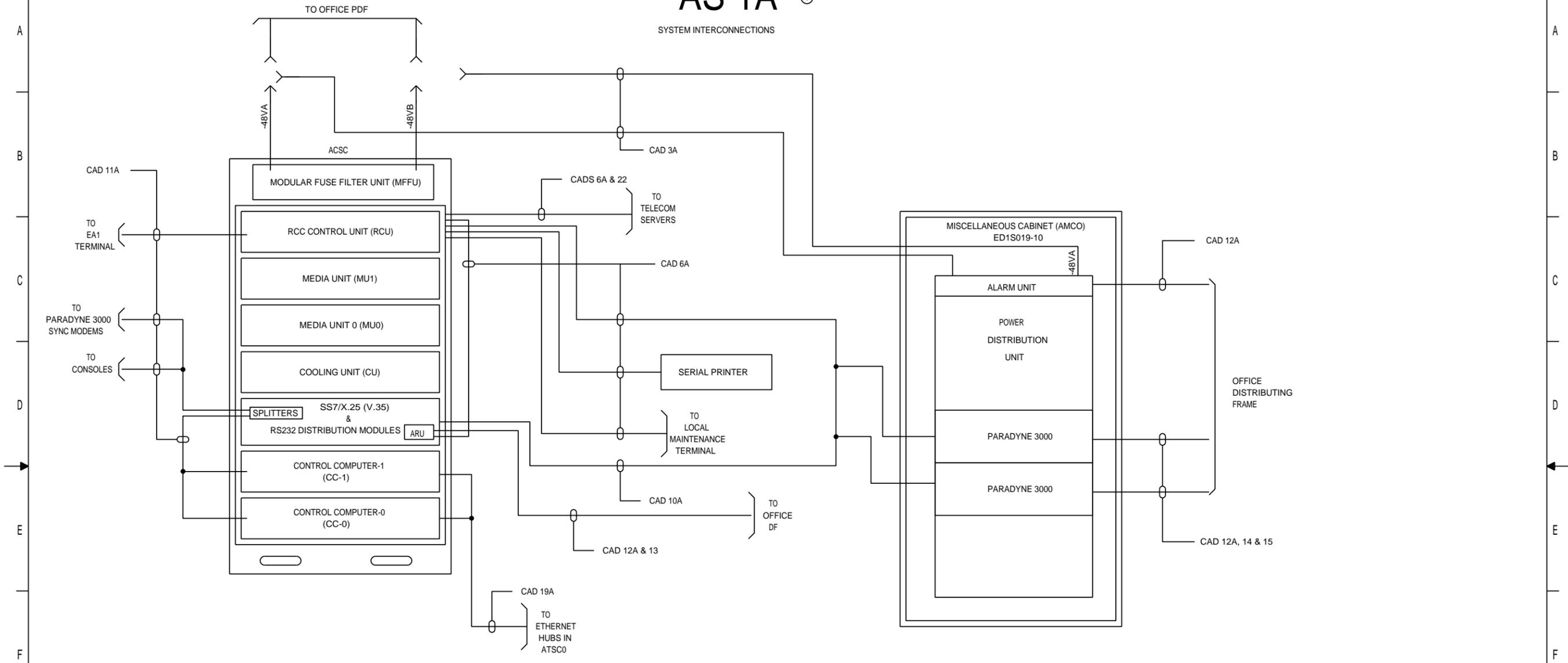
SYSTEM INTERCONNECTIONS



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B1

AS 1A

SYSTEM INTERCONNECTIONS



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B2

AS 2

CONTROL COMPUTER
CC-0 & CC-1
ED1S015-60

NOTES:

DESCRIPTION:

THE CONTROL COMPUTER IS MADE UP OF TWO 8" INCH HIGH IDENTICAL UNITS, (CC-0 & CC-1), WHICH OPERATE IN AN ACTIVE/STANDBY MODE. THE CONTROL COMPUTER PROVIDES PROCESSING ALONG WITH ASYNC, SYNC, SCSI, AND ETHERNET INTERFACES.

CAPACITY:

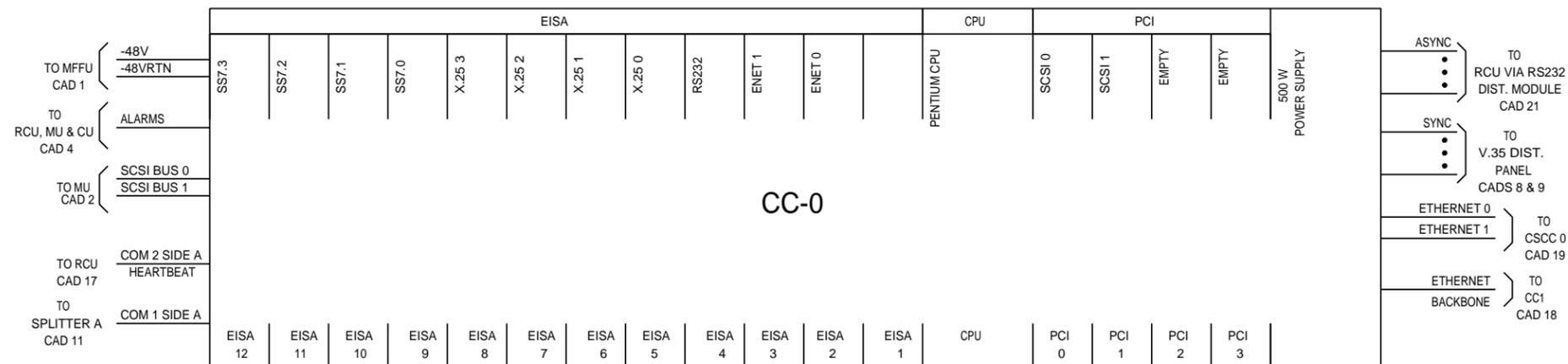
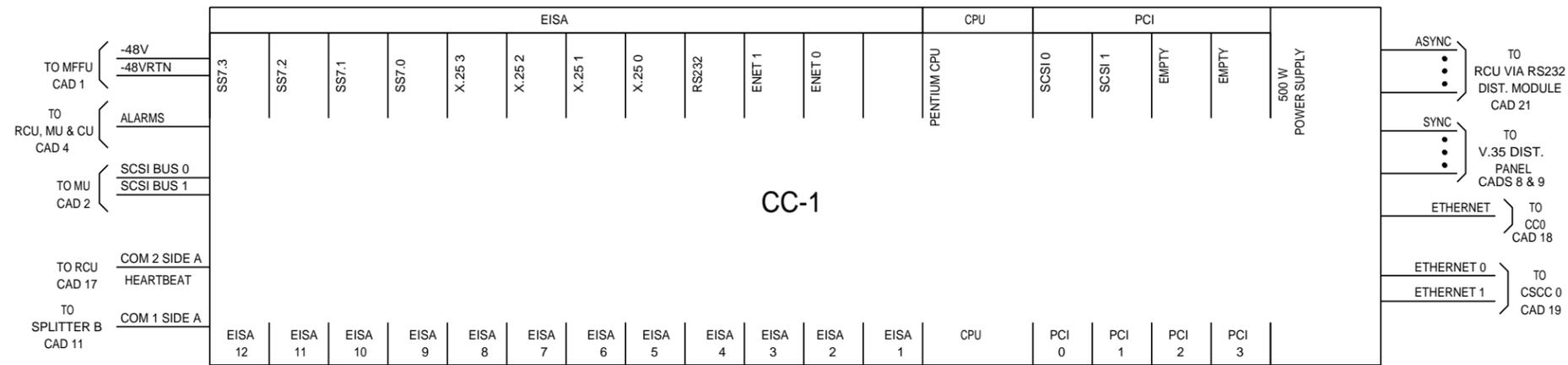
EACH CONTROL COMPUTER SHELF CAN SUPPORT UP TO TWO ETHERNET INTERFACES, 32 ASYNC INTERFACES (VIA THE RS232 DIST. MODULE & RCU), 12 SYNC INTERFACES (VIA THE V.35 DIST. PANEL) AND TWO SCSI INTERFACES.

FUSING REQUIREMENTS:

SEE ASS

SPECIFIC MOUNTING REQUIREMENTS:

CC-0 MOUNTS AT EQL 11 OF THE ACSC, WHILE CC-1 MOUNTS AT EQL 19 OF THE ACSC.



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B3

AS 2A

CONTROL COMPUTER
CC-0 & CC-1
ED1S015-60

NOTES:

DESCRIPTION:

THE CONTROL COMPUTER IS MADE UP OF TWO 8" INCH HIGH IDENTICAL UNITS, (CC-0 & CC-1), WHICH OPERATE IN AN ACTIVE/STANDBY MODE. THE CONTROL COMPUTER PROVIDES PROCESSING ALONG WITH ASYNC, SYNC, SCSI, AND ETHERNET INTERFACES.

CAPACITY:

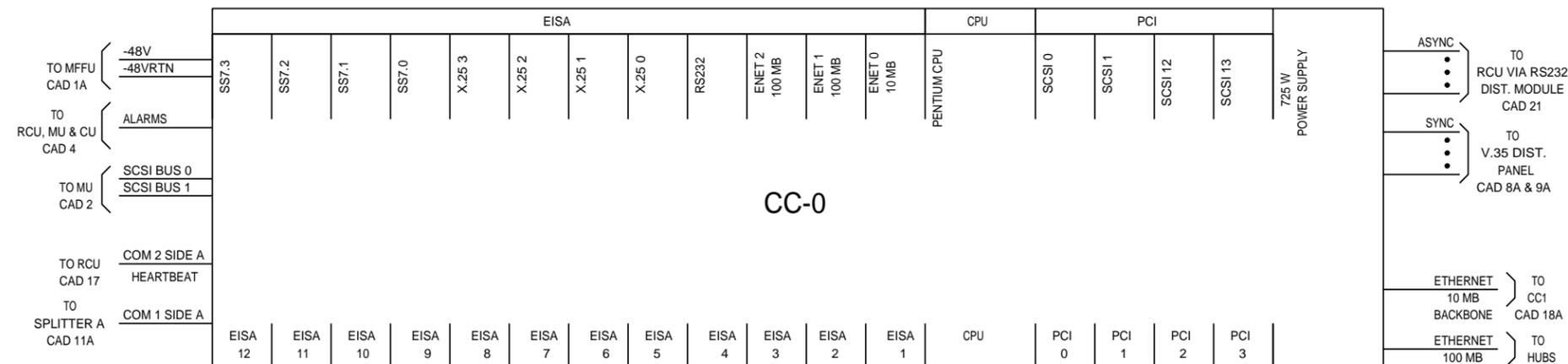
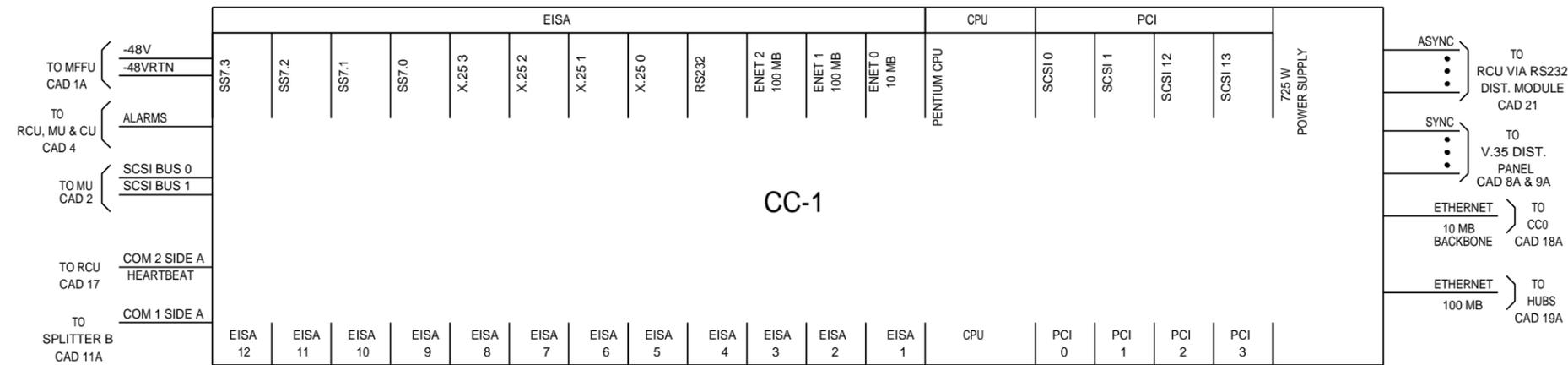
EACH CONTROL COMPUTER CAN SUPPORT UP TO THREE ETHERNET INTERFACES, 24 ASYNC INTERFACES (VIA THE RS232 DIST. MODULE & RCU), 12 SYNC INTERFACES (VIA THE V.35 DIST. PANEL) AND 4 SCSI INTERFACES.

FUSING REQUIREMENTS:

SEE ASS

SPECIFIC MOUNTING REQUIREMENTS:

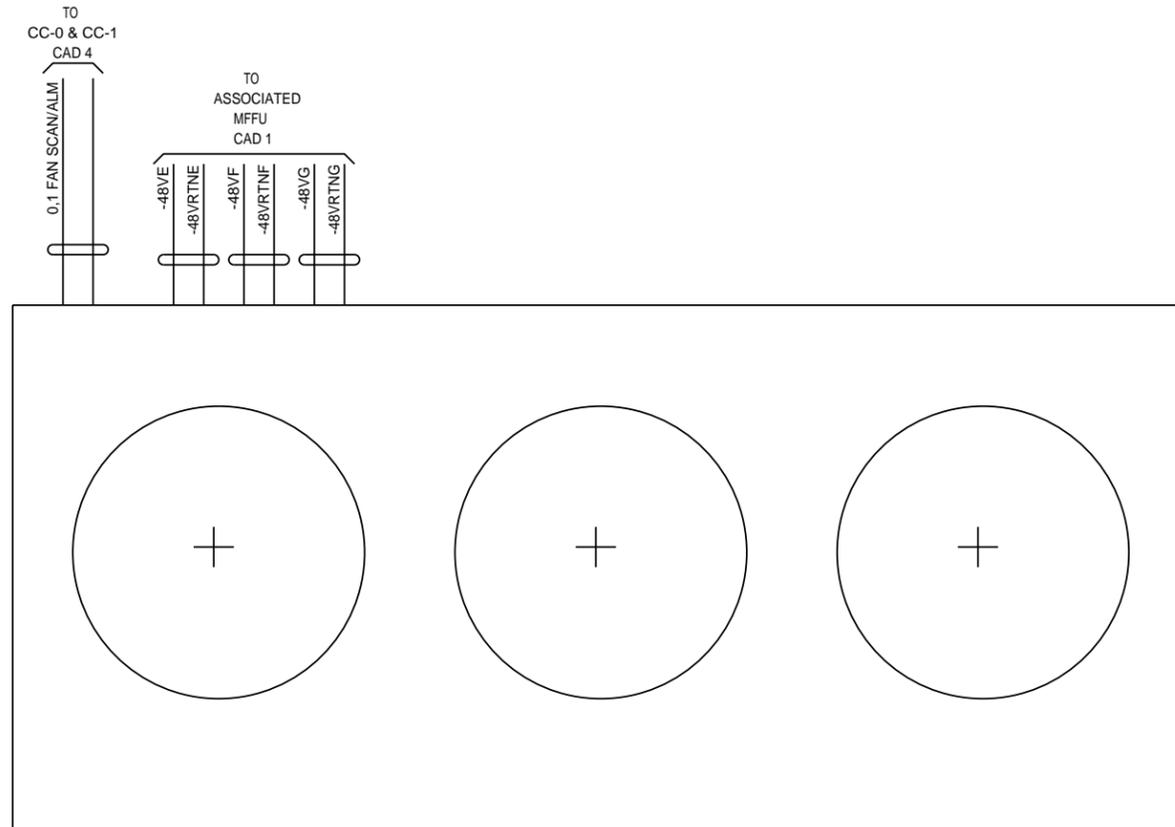
CC-0 MOUNTS AT EQL 11 OF THE ACSC, WHILE CC-1 MOUNTS AT EQL 19 OF THE ACSC.



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B4

AS 3

COOLING UNIT
 (6 FAN BI-DIRECTIONAL FAN UNIT)
 SD-5D168-01
 J5D003FH-()



DESCRIPTION

THIS FAN UNIT IS A SINGLE 8.50" HIGH X 24.50" WIDE SHELF WHICH PROVIDES FILTER FORCED AIR COOLING. THIS UNIT IS EQUIPPED WITH ONLY 3 OF THE POSSIBLE 6 FANS. THE 3 FANS BLOW IN AN UPWARD DIRECTION.

CAPACITY

THIS FAN UNIT UNDER MAXIMUM OPERATING CONDITIONS COOLS AT A RATE OF 300 LIN.FT/MIN ROOM AMBIENT.

FUSING REQUIREMENTS

SEE AS5

SPECIFIC MOUNTING REQUIREMENTS

THIS FAN UNIT IS MEANT TO MOUNT IN THE CENTER OF THE CABINET (EQL 039). THERE WILL BE SOME CABINET ARRANGEMENTS WHERE THE FAN UNIT WILL MOUNT ABOVE OR BELOW THE CABINET CENTER.

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B5

AS 4

MEDIA UNIT (MU)
ED1S015-60

NOTES:

DESCRIPTION:

THE MU IS A 7-1/2 INCH HIGH SHELF, WHICH RESIDES IN THE ACSC THE MU PROVIDES THE SCSI DISKS. MU0 IS ALWAYS REQUIRED. MU1 IS OPTIONAL FOR RELEASE R7 AND LATER.

CAPACITY:

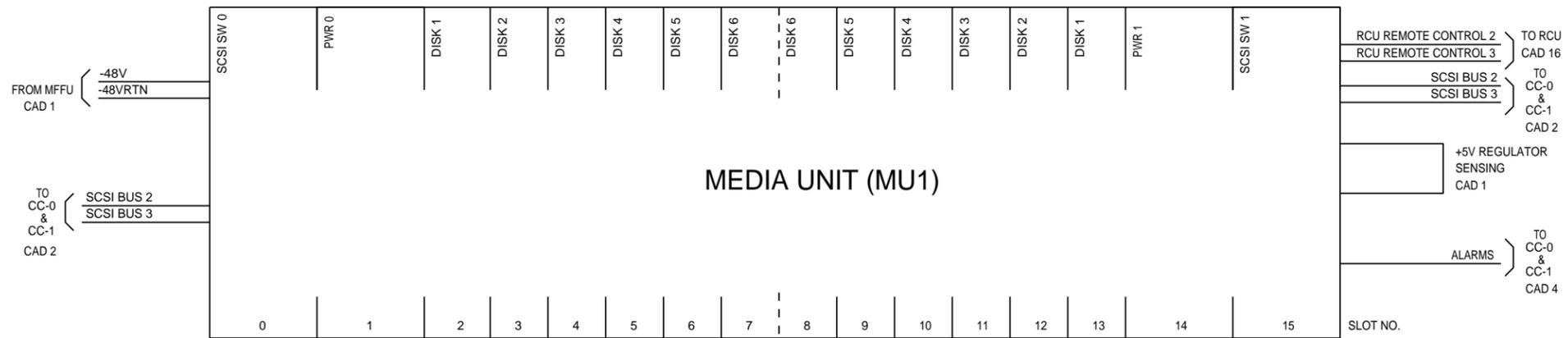
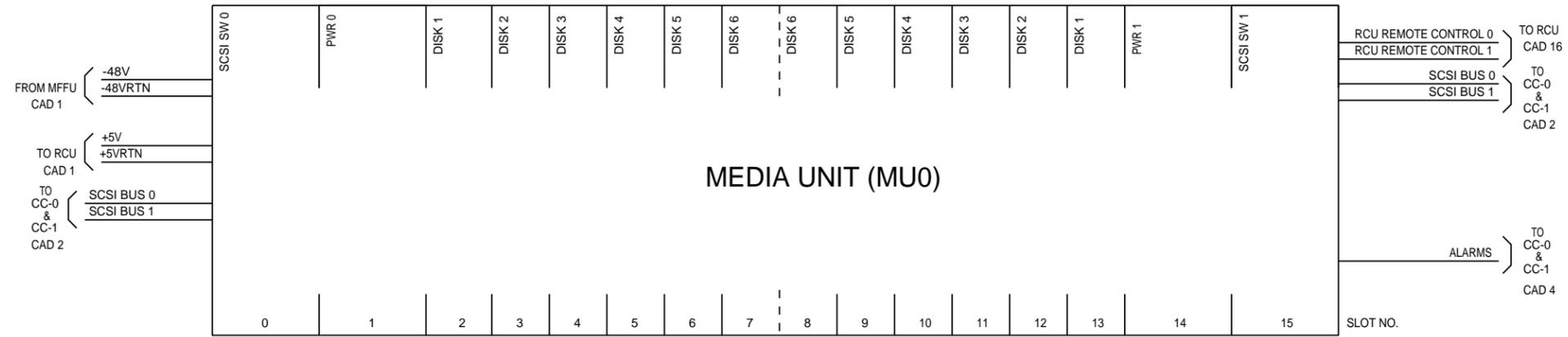
THE MU PROVIDES UP TO SIX DISK SCSI PAIRS

FUSING REQUIREMENTS:

SEE AS 5

SPECIFIC MOUNTING REQUIREMENTS:

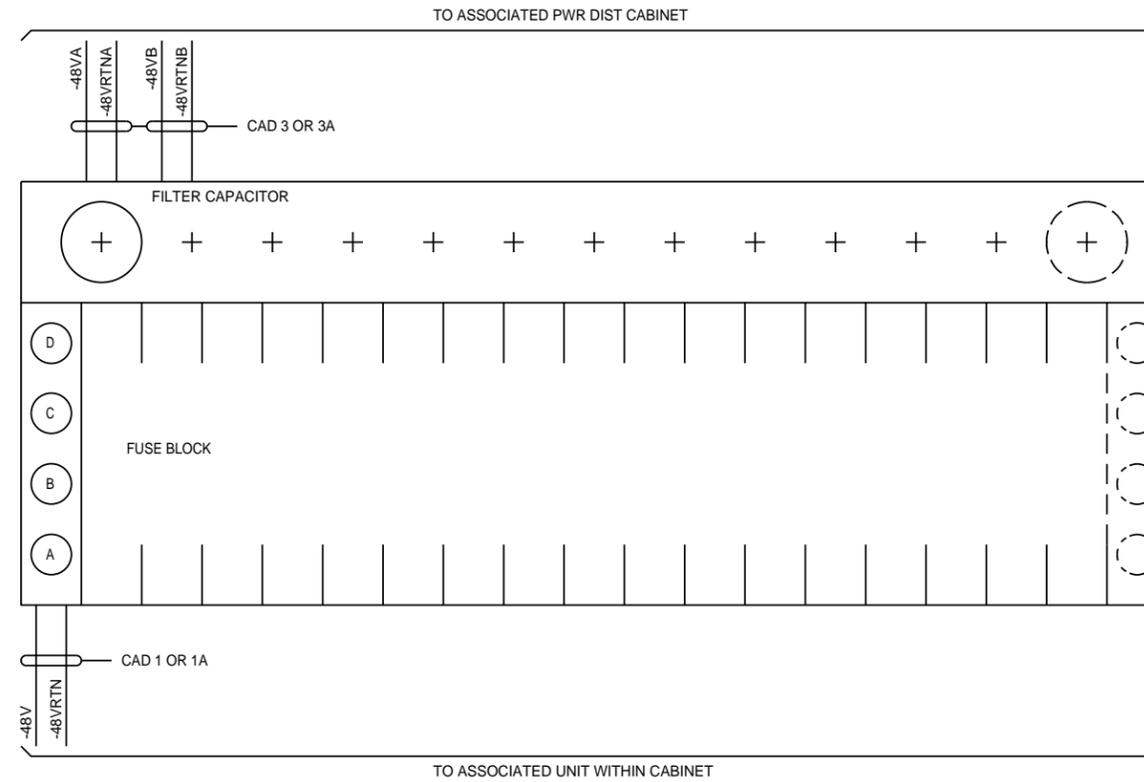
THE MU MOUNTS AT EQL 48 AND 55 IN THE ACSC.



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B6

AS 5

MODULAR FUSE/FILTER UNIT (MFFU)
SD-5D190-01
J5D003FJ-()



DESCRIPTION

THIS MFFU IS A SINGLE SHELF WHICH PROVIDES FUSES AND FILTER CAPACITORS AT -48V TO POWER VARIOUS UNITS IN THE ACSC.

CAPACITY

- *THIS MFFU PROVIDES SPACE FOR:
- * (12) FEEDER FILTER CAPACITORS
- * (18) FUSE BLOCK POSITIONS AND (1) ALARM CARD HOUSING
- * EACH FUSE BLOCK HAS POSITIONS FOR (4) FUSES
- * EACH ALARM CARD HOUSING HAS SPACE FOR (2) ALM CARD.

FUSING REQUIREMENTS

THE MFFU IS FUSED AT THE PWR DIST UNIT AS REQUIRED.

SPECIFIC MOUNTING REQUIREMENTS

THIS UNIT MOUNTS IN THE UPPER MOST LOCATION IN A CABINET (EQL 069).

FUSE ASSIGNMENT

	EQL	UNIT	AMP
A BUS	014-A	RCU & CC0	12
	023-A	MU0	10
	032-A	FAN E	3
	032-B	MU1	10
	041-A	FAN F	3
	C41B	ARU	2
B BUS	118-A	RCU & CC1	12
	127-A	MU0	10
	141-A	FAN G	3
	141-B	MU1	10

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B7

AS 6

RCC CONTROL UNIT (RCU)
ED1S015-60

NOTES:

DESCRIPTION:

THE RCU IS A 5-3/4 INCH HIGH SHELF WHICH RESIDES IN THE ACSC. THE RCU ALLOWS EITHER A ASYNC OR SYNC PORT TO BE SWITCHED BETWEEN SIDES 0 OR 1 OF THE CONTROL COMPUTER.

CAPACITY

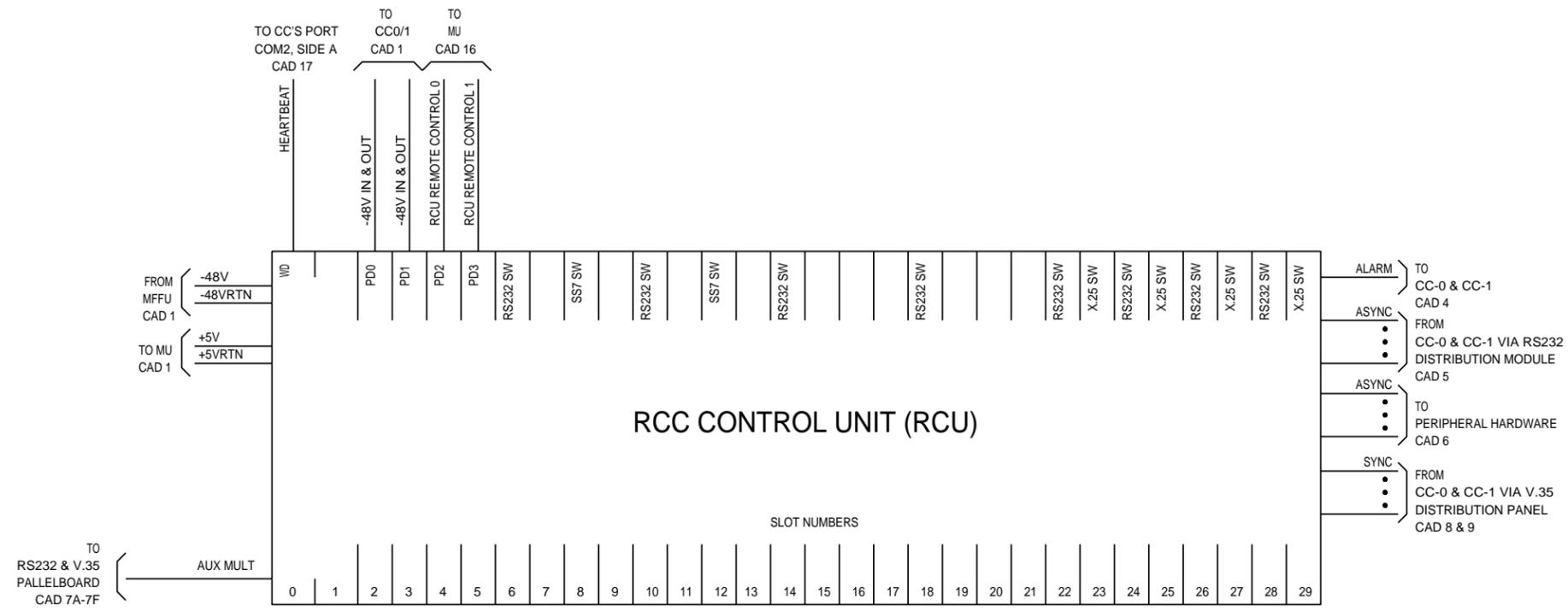
THE RCU CAN SUPPORT UP TO 32 ASYNC PORTS, AND 12 SYNC PORTS.

FUSING REQUIREMENTS

SEE AS5

SPECIFIC MOUNTING REQUIREMENTS

THE RCU MOUNTS AT EQL 63 IN THE ACSC.



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B8

AS 6A

RCC CONTROL UNIT (RCU)
ED1S015-60

NOTES:

DESCRIPTION:

THE RCU IS A 5-3/4 INCH HIGH SHELF WHICH RESIDES IN THE ACSC. THE RCU ALLOWS EITHER A ASYNC OR SYNC PORT TO BE SWITCHED BETWEEN SIDES 0 OR 1 OF THE CONTROL COMPUTER.

CAPACITY

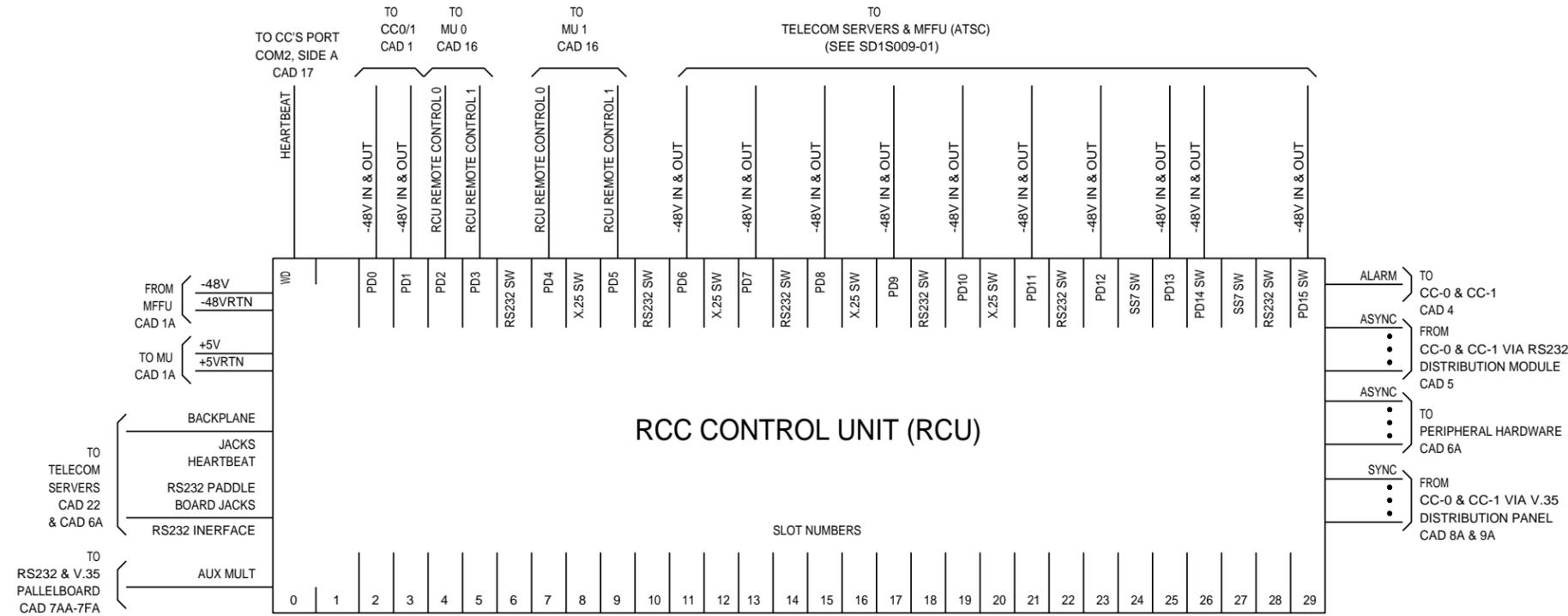
THE RCU CAN SUPPORT UP TO 24 ASYNC PORTS, AND 12 SYNC PORTS.

FUSING REQUIREMENTS

SEE AS5

SPECIFIC MOUNTING REQUIREMENTS

THE RCU MOUNTS AT EQL 63 IN THE ACSC.



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B9

AS 7

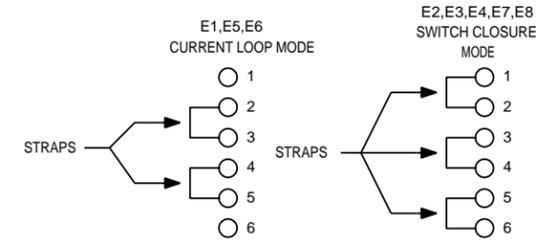
ACSC INTRA-CABINET ALARMING

NOTES:

DESCRIPTION:

IN CC UNITS:

STRAPS FOR E1 THRU E8 OF THE AAB1024 ALARM BOARD (INSIDE THE CC UNIT) NEEDS TO BE SET FOR CORRECT MODE INPUT.



CAPACITY

FUSING REQUIREMENTS

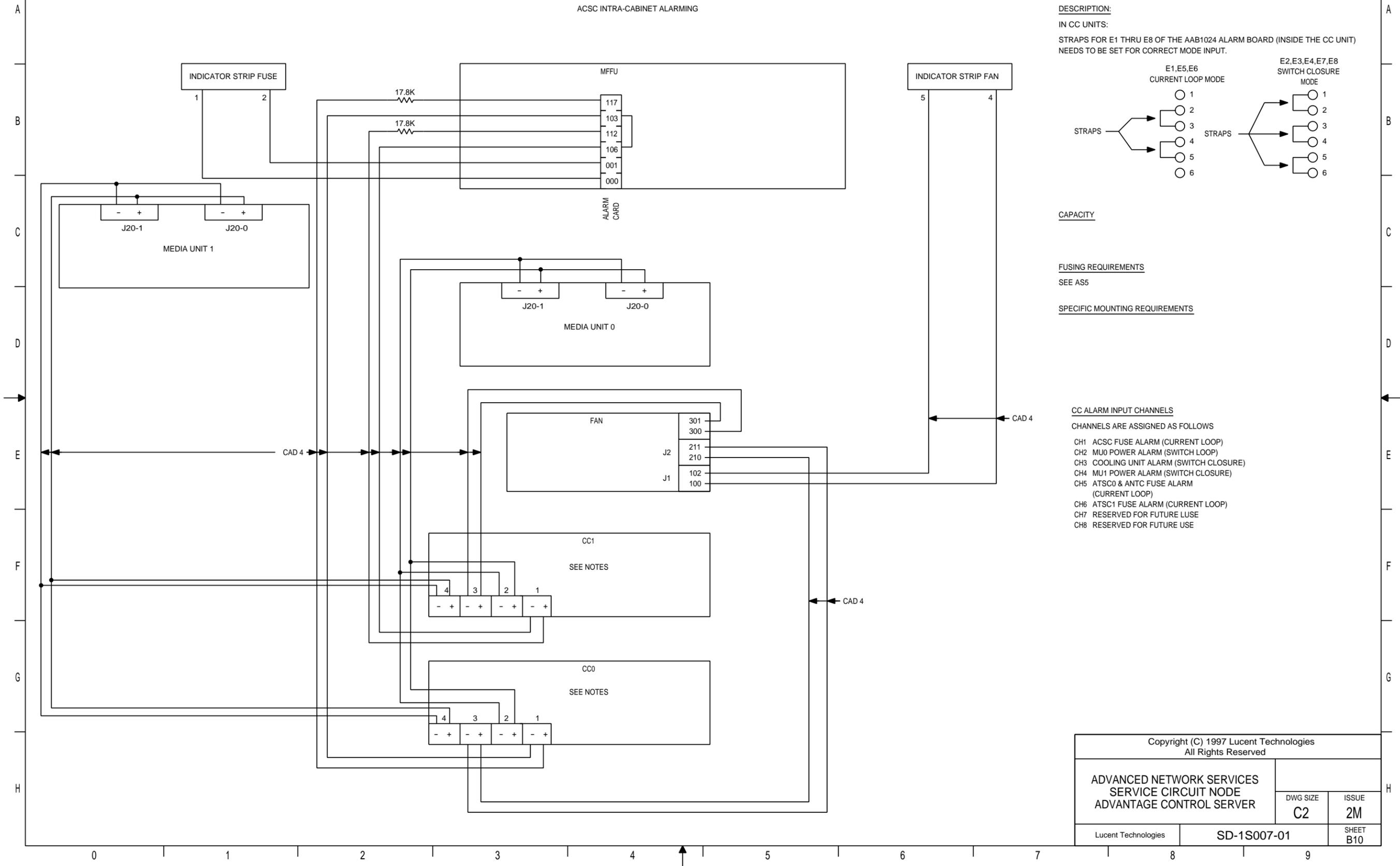
SEE AS5

SPECIFIC MOUNTING REQUIREMENTS

CC ALARM INPUT CHANNELS

CHANNELS ARE ASSIGNED AS FOLLOWS

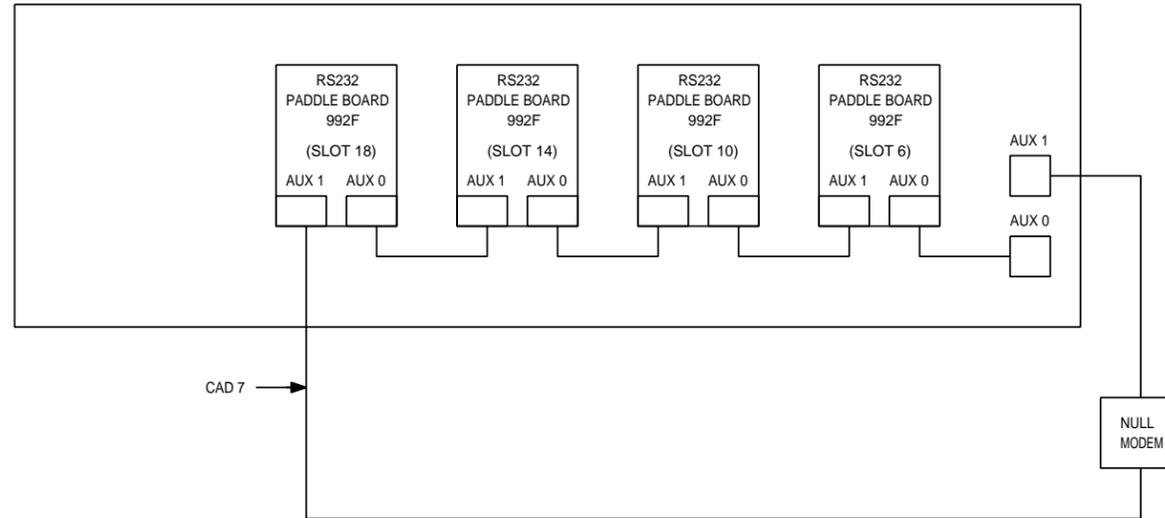
- CH1 ACSC FUSE ALARM (CURRENT LOOP)
- CH2 MU0 POWER ALARM (SWITCH LOOP)
- CH3 COOLING UNIT ALARM (SWITCH CLOSURE)
- CH4 MU1 POWER ALARM (SWITCH CLOSURE)
- CH5 ATSC0 & ANTC FUSE ALARM (CURRENT LOOP)
- CH6 ATSC1 FUSE ALARM (CURRENT LOOP)
- CH7 RESERVED FOR FUTURE USE
- CH8 RESERVED FOR FUTURE USE



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B10

AS 8

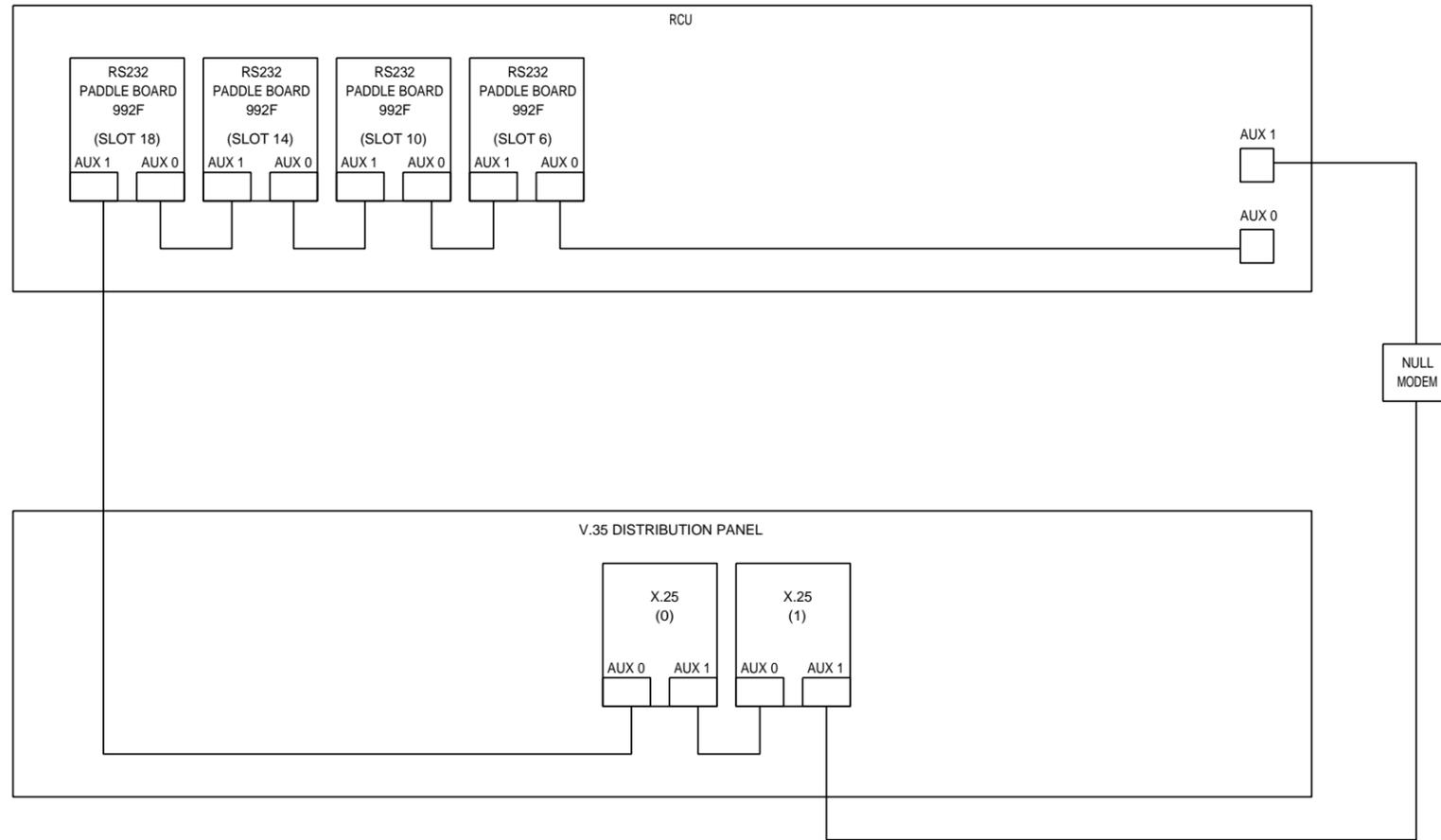
ACSC INTRA-CABINET AUXILIARY MULT
(CONTROL SERVER ONLY)



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B11

AS 8A

ACSC AUX MULT
(E/W 4 X.25 LINKS)

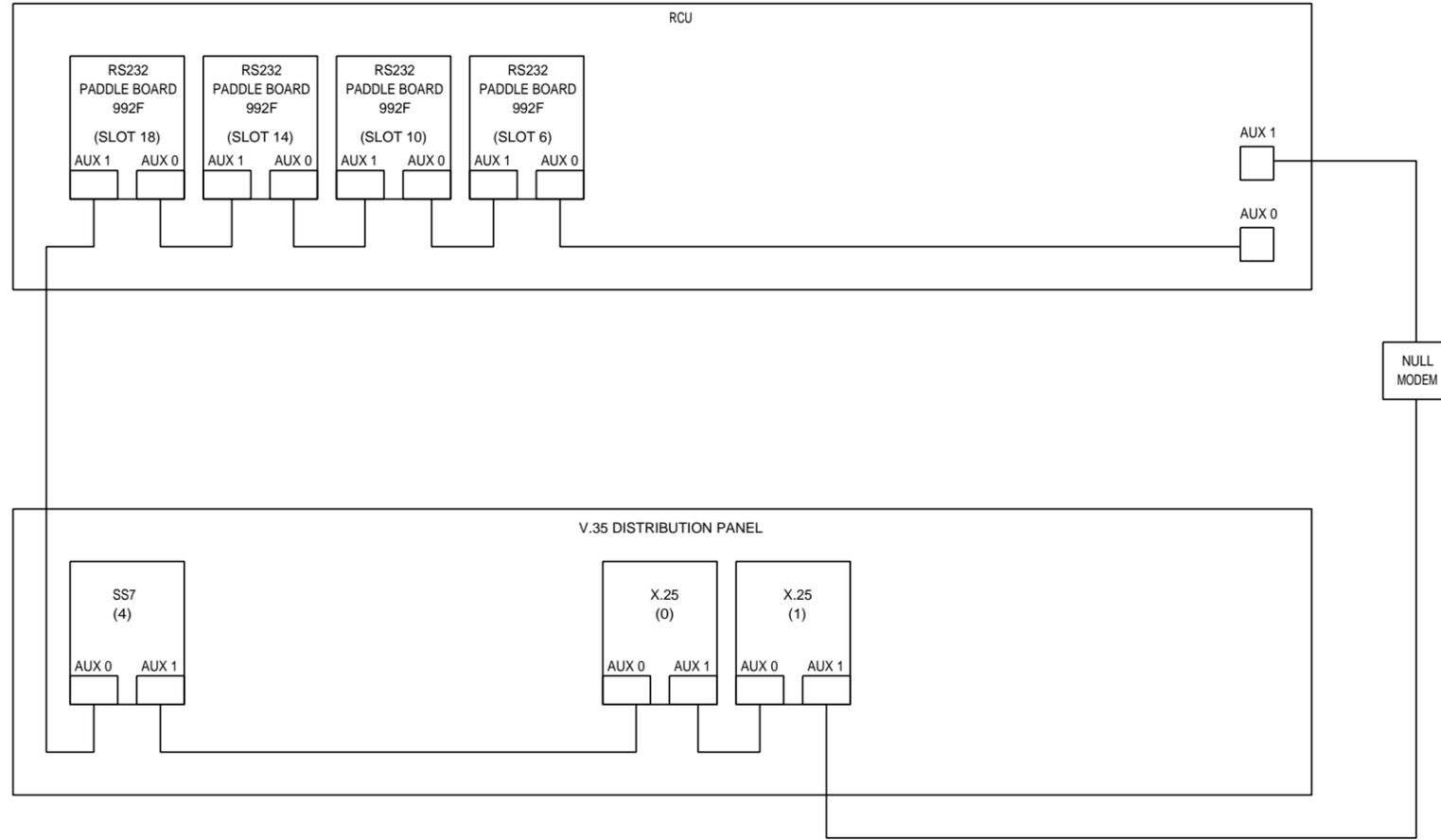


NOTES: ALL WIRING PER CAD 7A FOR R6
ALL WIRING PER CAD 7AA FOR R7
(X.25 & SS7 PHYSICAL LOCATIONS
HAVE CHANGED FROM R6 TO R7
BUT LOCATION DESIGNATIONS HAVE NOT
CHANGED)

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B12

AS 8B

ACSC AUX MULT
(E/W 4 X.25 AND 2 SS7 LINKS)

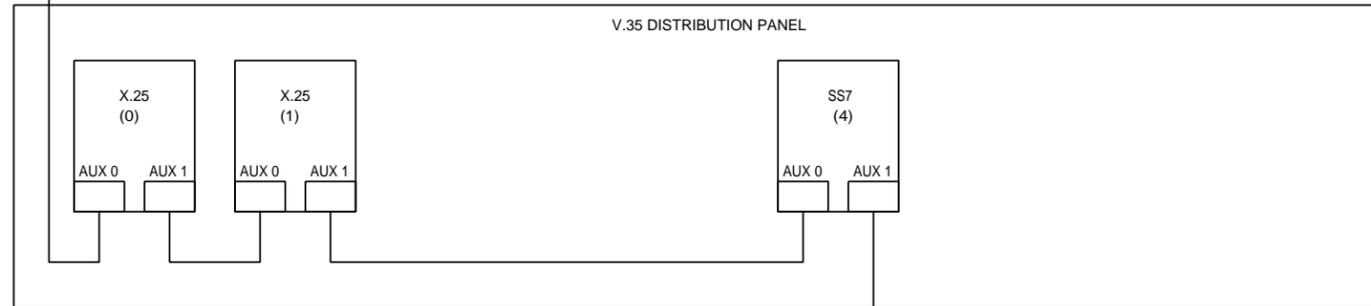
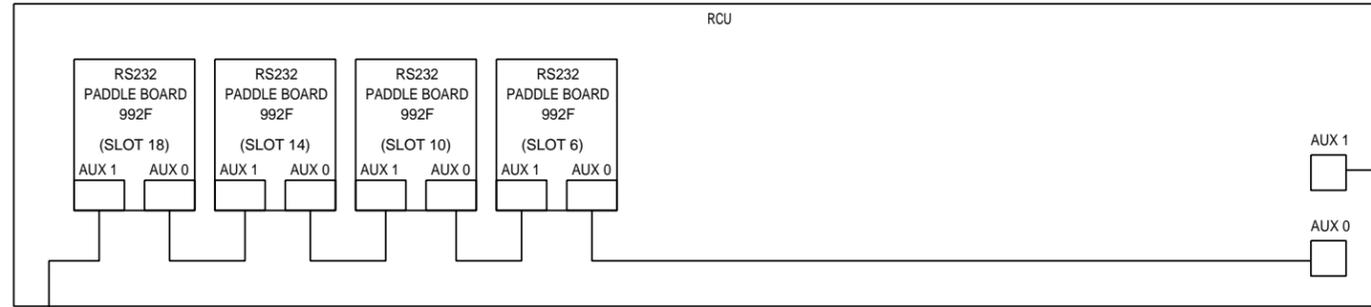


NOTE: ALL WIRING PER CAD 7B

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B13

AS 8BA [Ⓟ]

ACSC AUX MULT
(E/W 4 X.25 AND 2 SS7 LINKS)

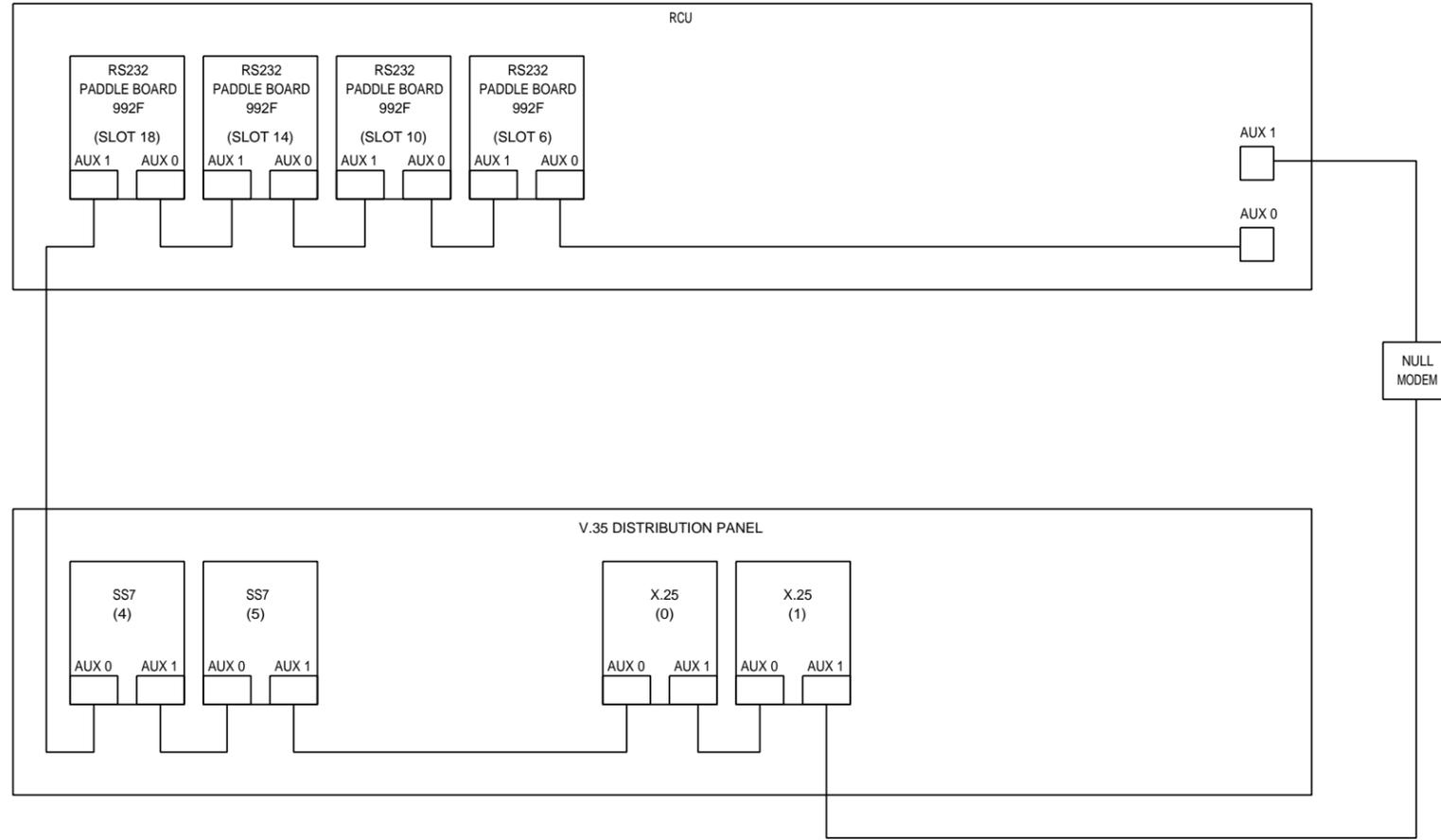


NOTE: ALL WIRING PER CAD 7BA

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B14

AS 8C

ACSC AUX MULT
(E/W 4 X.25 AND 4 SS7 LINKS)

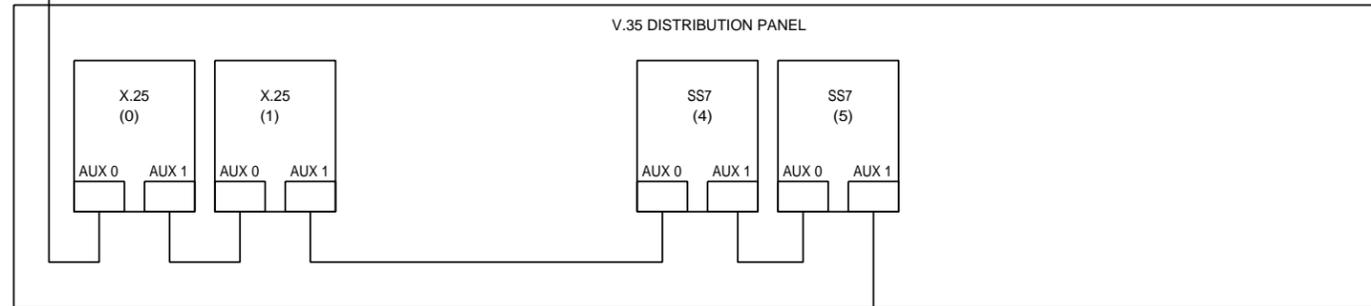
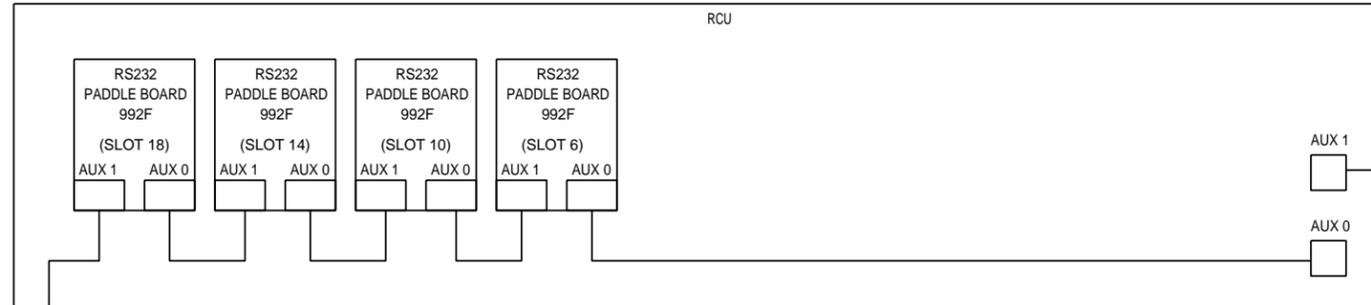


NOTE: ALL WIRING PER CAD 7C

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B15

AS 8CA [Ⓟ]

ACSC AUX MULT
(E/W 4 X.25 AND 4 SS7 LINKS)



NULL MODEM

NOTE: ALL WIRING PER CAD 7CA

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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

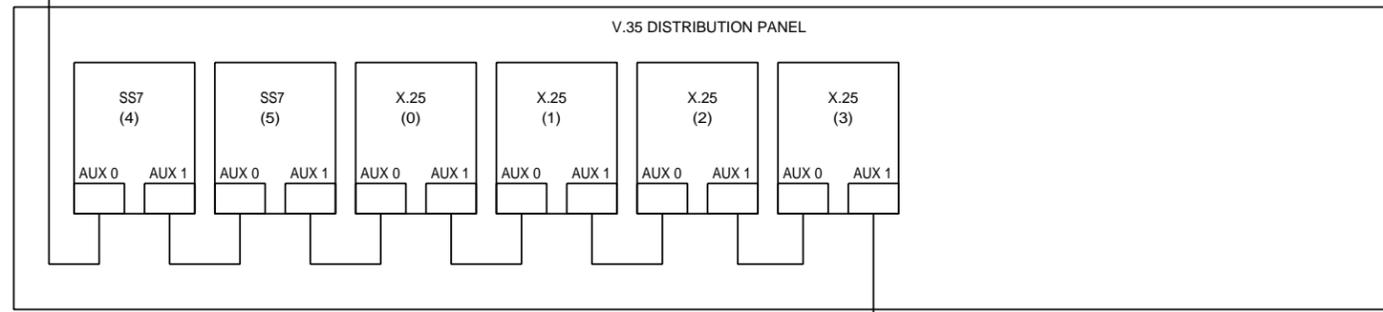
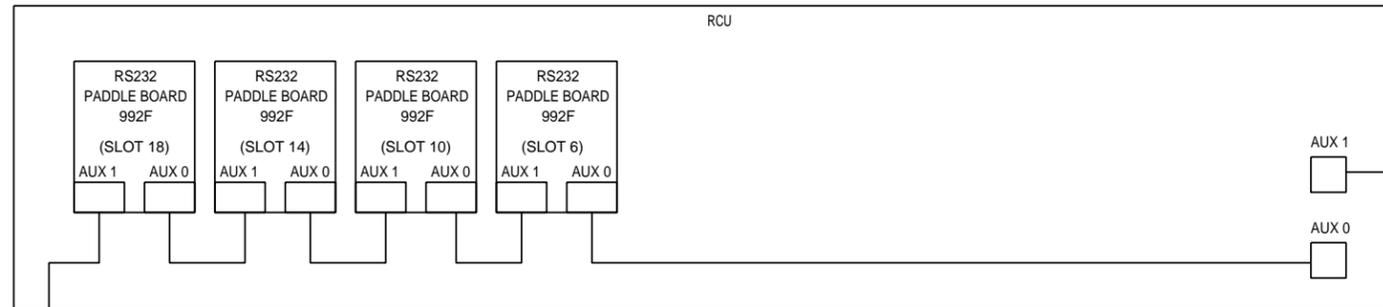
Lucent Technologies

SD-1S007-01

SHEET
B16

AS 8D

ACSC AUX MULT
(E/W 8 X.25 AND 4 SS7 LINKS)

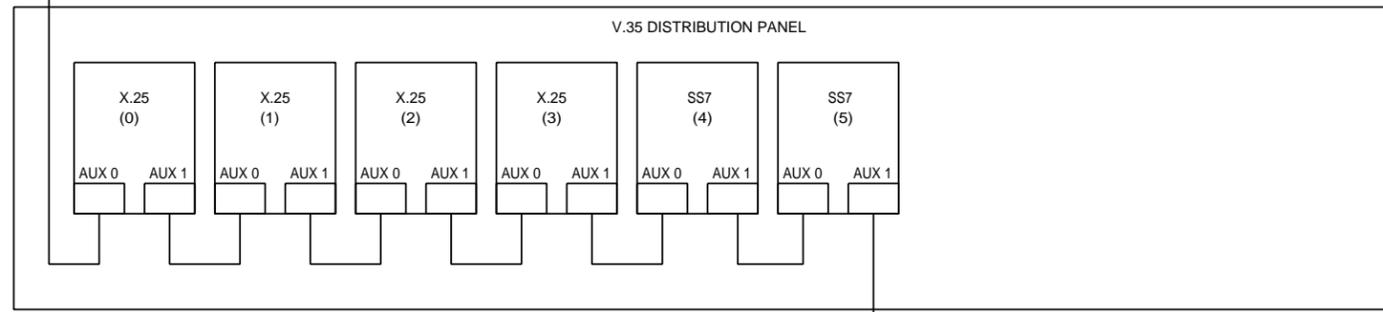
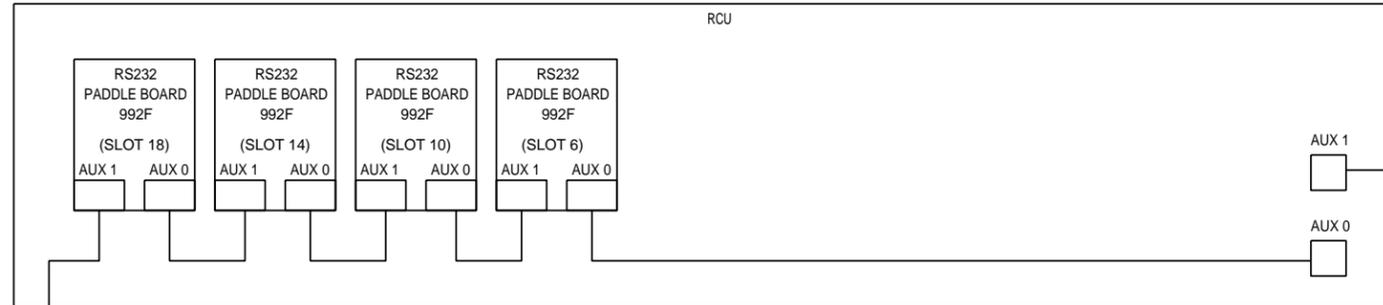


NOTE: ALL WIRING PER CAD 7D

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B17

AS 8DA

ACSC AUX MULT
(E/W 8 X.25 AND 4 SS7 LINKS)



NOTE: ALL WIRING PER CAD 7DA

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B18

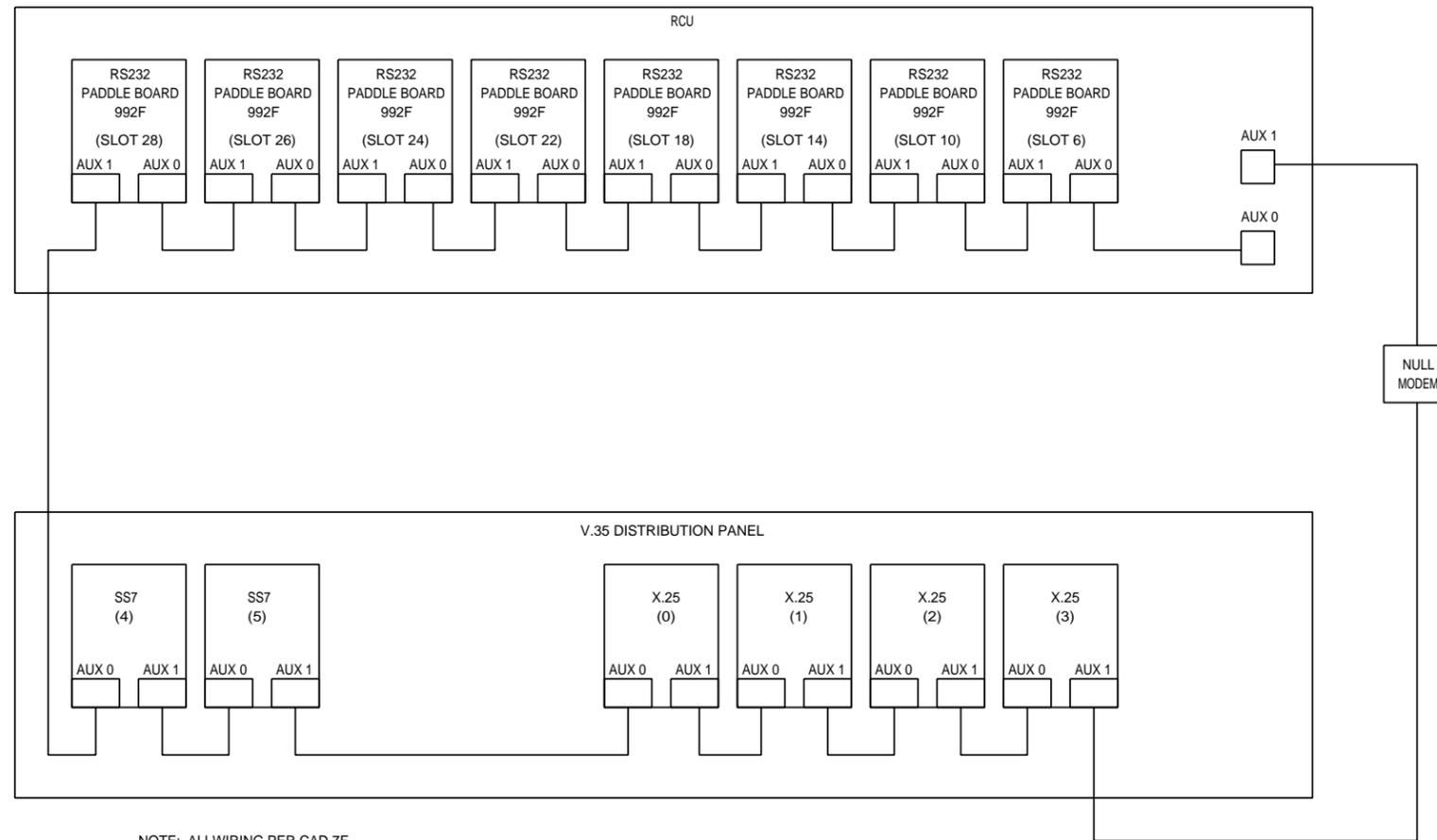
AS 8E

ACSC AUX MULT
(E/W 8 X.25 AND 8 SS7 LINKS)

THIS CONFIGURATION IS NOT AVAILABLE IN SCN

AS 8F

ACSC AUX MULT
(E/W 8 X.25, 4 SS7 AND 32 RS232 LINKS)



NOTE: ALL WIRING PER CAD 7F

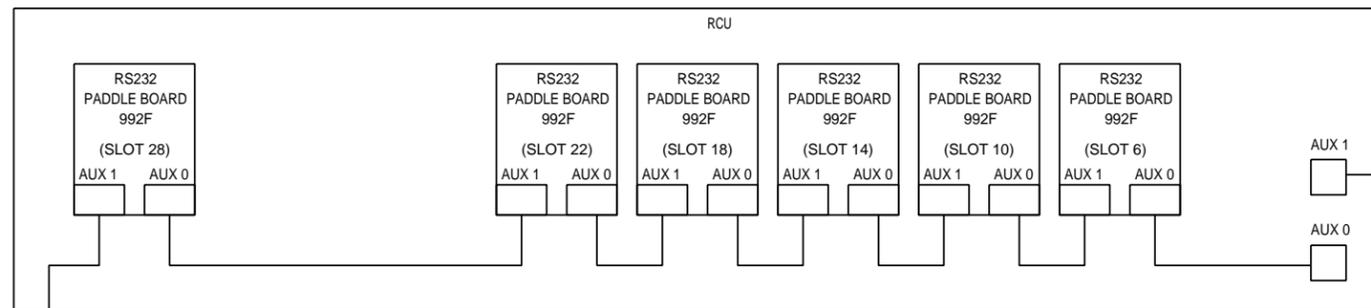
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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B19

AS 8EA

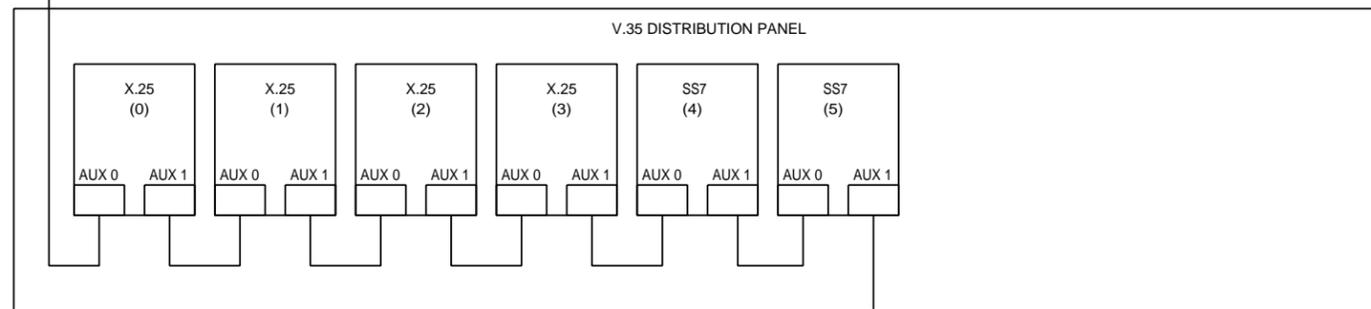
ACSC AUX MULT
(E/W 8 X.25 AND 8 SS7 LINKS)
THIS CONFIGURATION IS NOT AVAILABLE IN SCN

AS 8FA

ACSC AUX MULT
(E/W 8 X.25, 4 SS7 AND 24 RS232 LINKS)



NULL MODEM



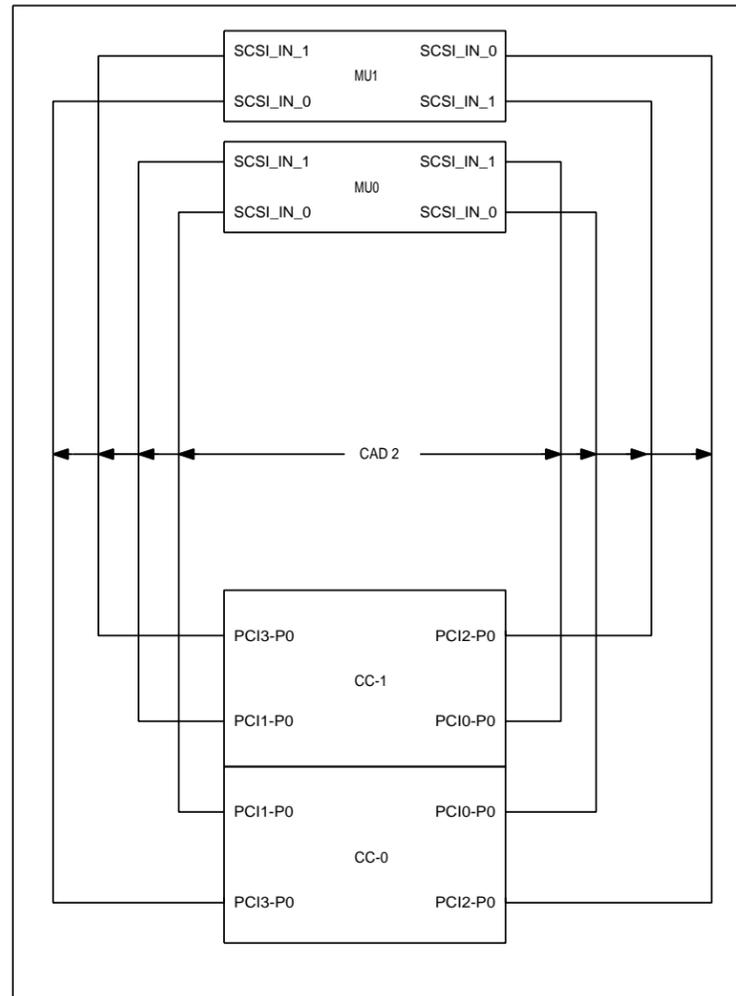
NOTE: ALL WIRING PER CAD 7FA

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B20

AS 9

ACSC INTRA-CABINET SCSI INTERFACE

ACSC



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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

Lucent Technologies

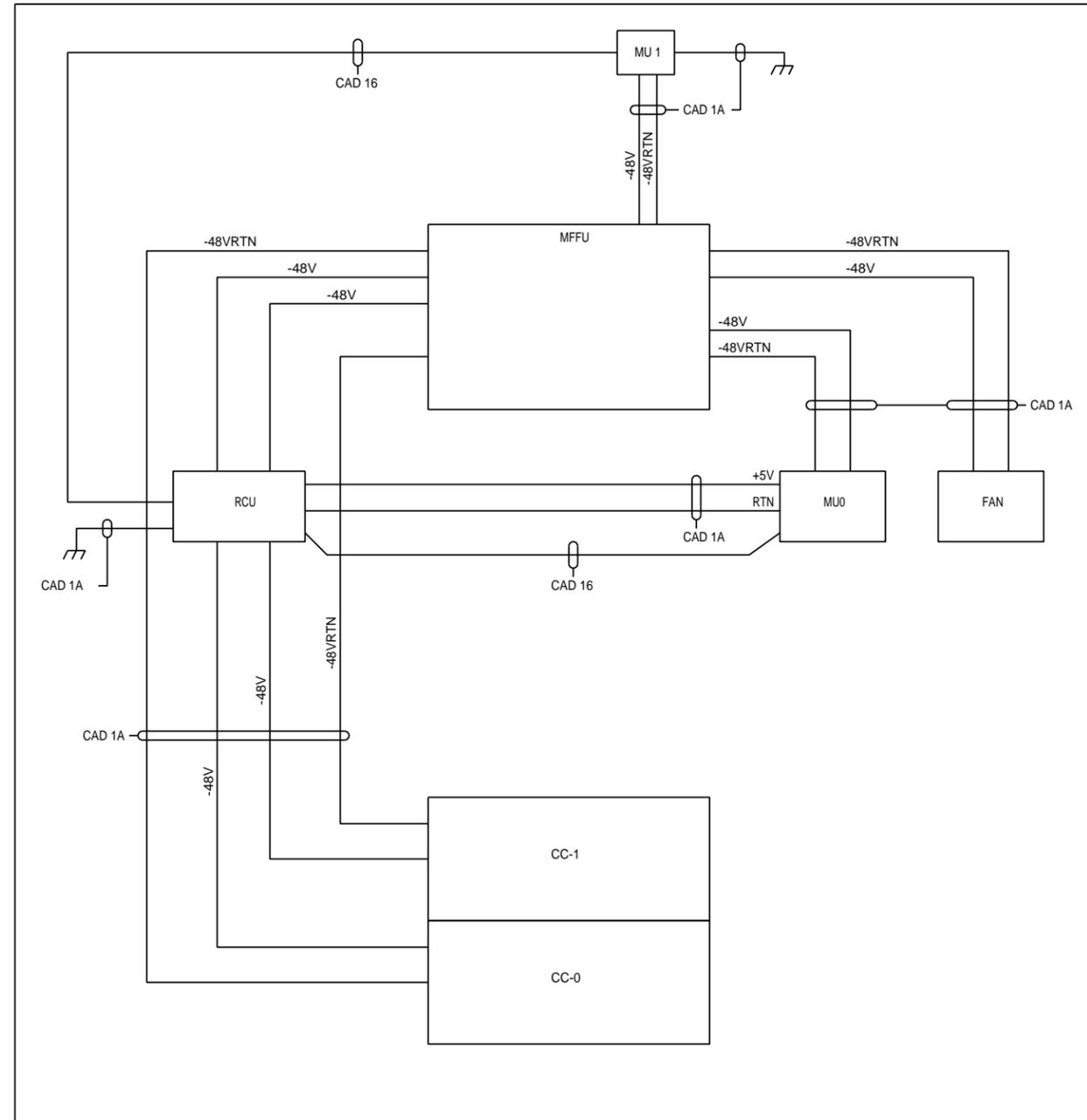
SD-1S007-01

SHEET
B21

AS 10

ACSC INTRA-CABINET POWER

ACSC



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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

Lucent Technologies

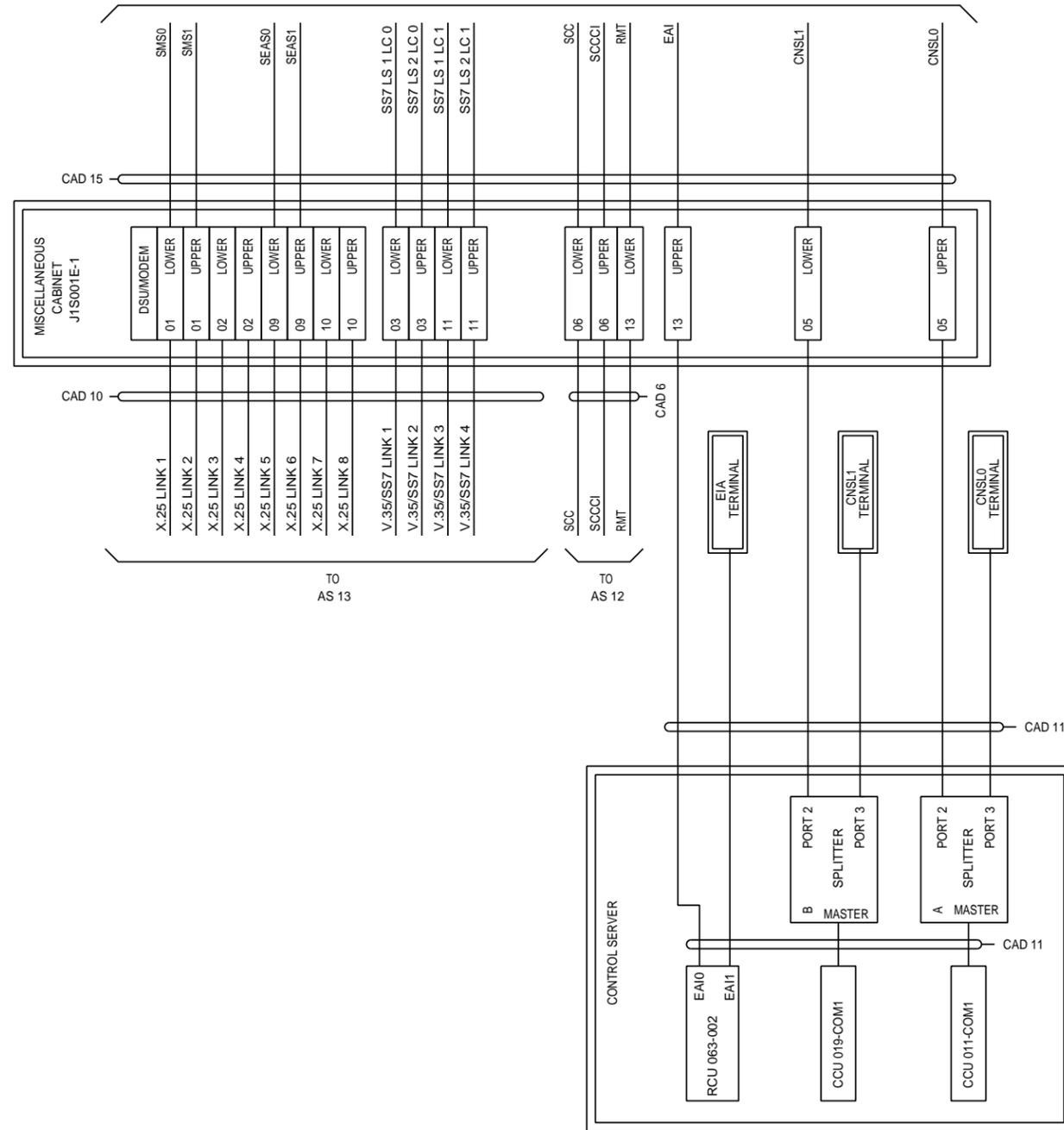
SD-1S007-01

SHEET
B22

AS 11

DSU/MODEM INTERFACE

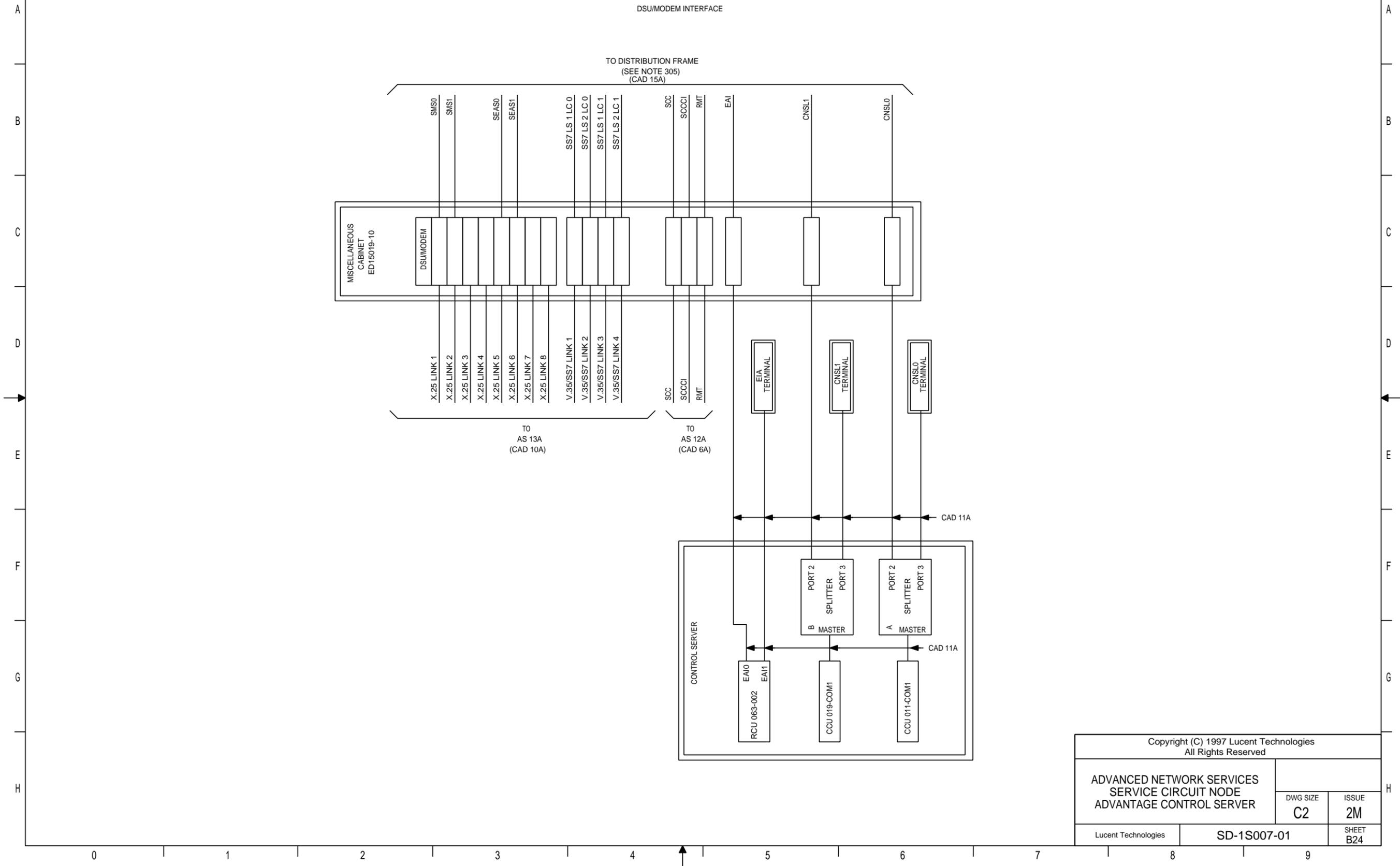
TO DISTRIBUTION FRAME
(SEE NOTE 305)



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
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AS 11A

DSU/MODEM INTERFACE



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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE	ISSUE
C2	2M

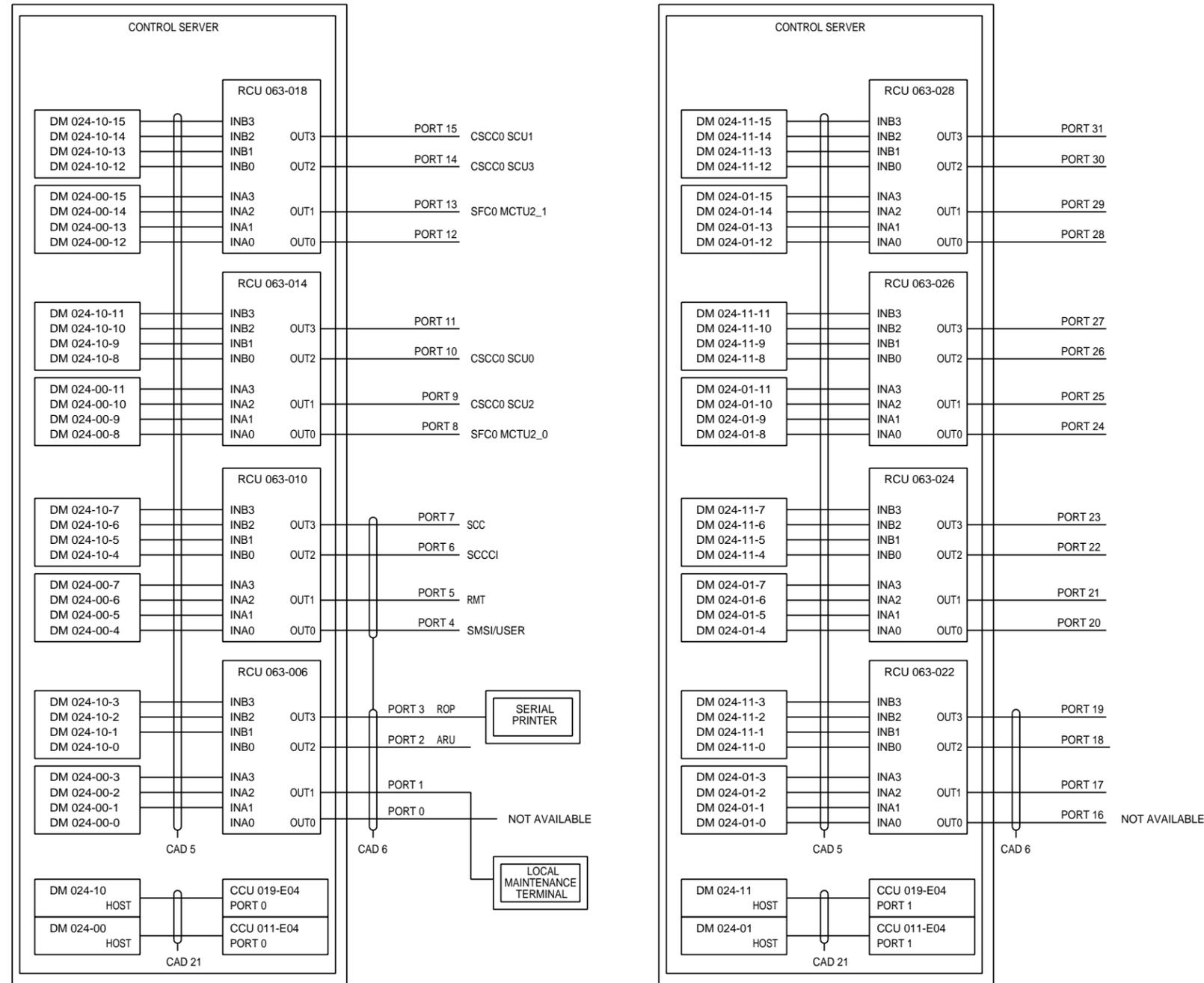
Lucent Technologies

SD-1S007-01

SHEET
B24

AS 12

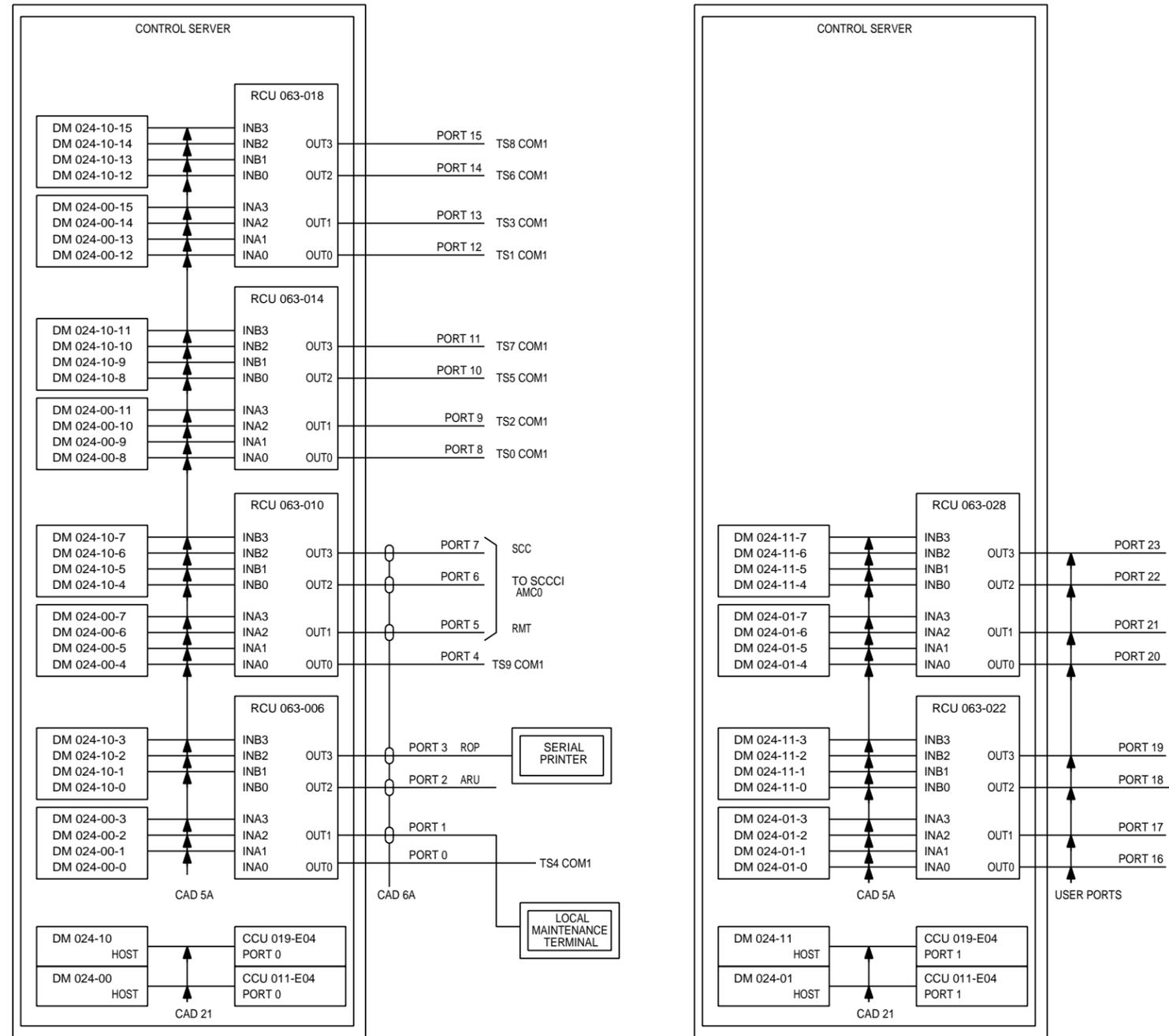
RS232 INTERFACE
PROGRAM RELEASE R6



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B25

AS 12A

RS232 INTERFACE
(PROGRAM RELEASE R7 AND LATER)



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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE	ISSUE
C2	2M

Lucent Technologies

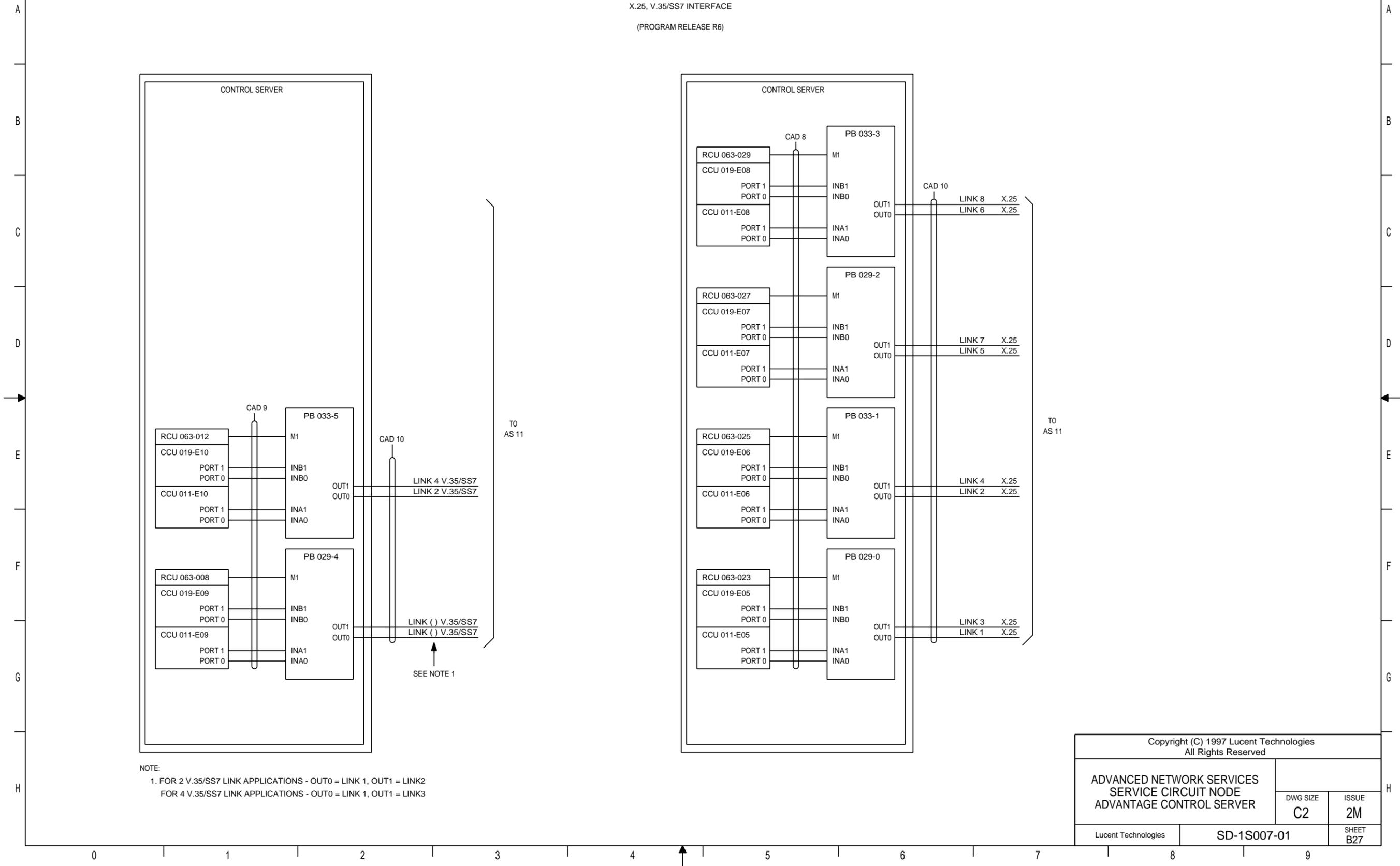
SD-1S007-01

SHEET
B26

AS 13

X.25, V.35/SS7 INTERFACE

(PROGRAM RELEASE R6)

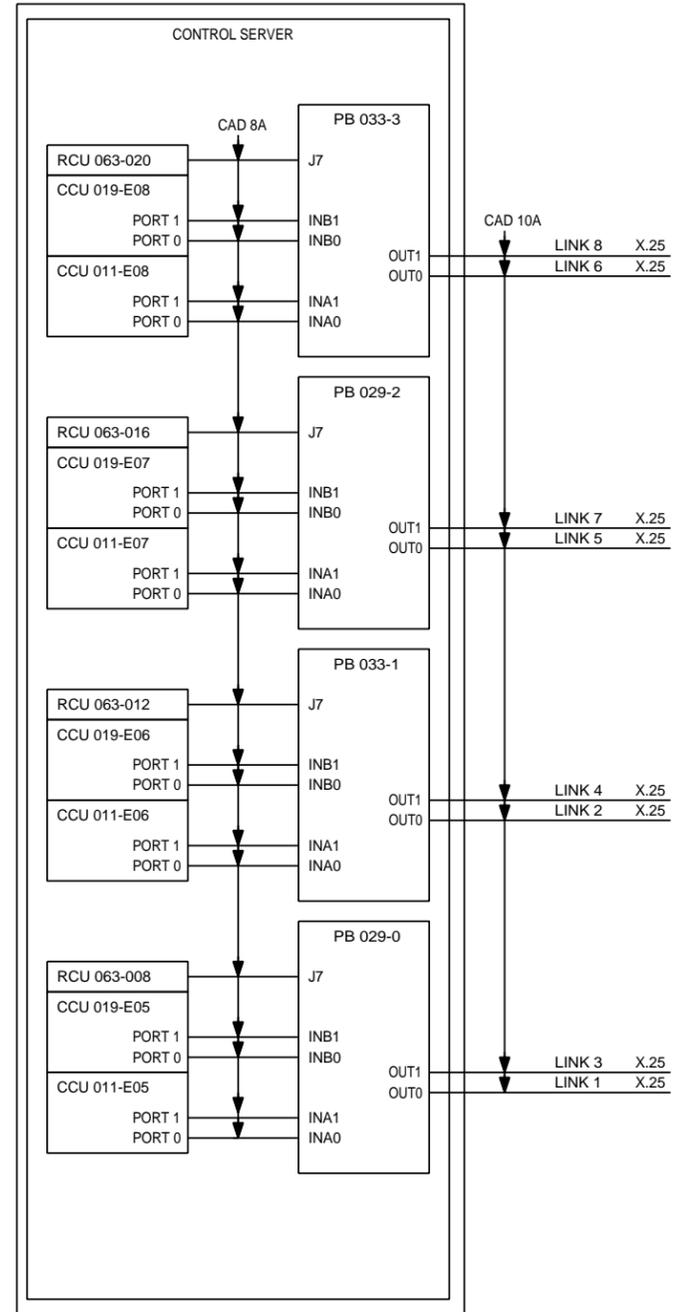
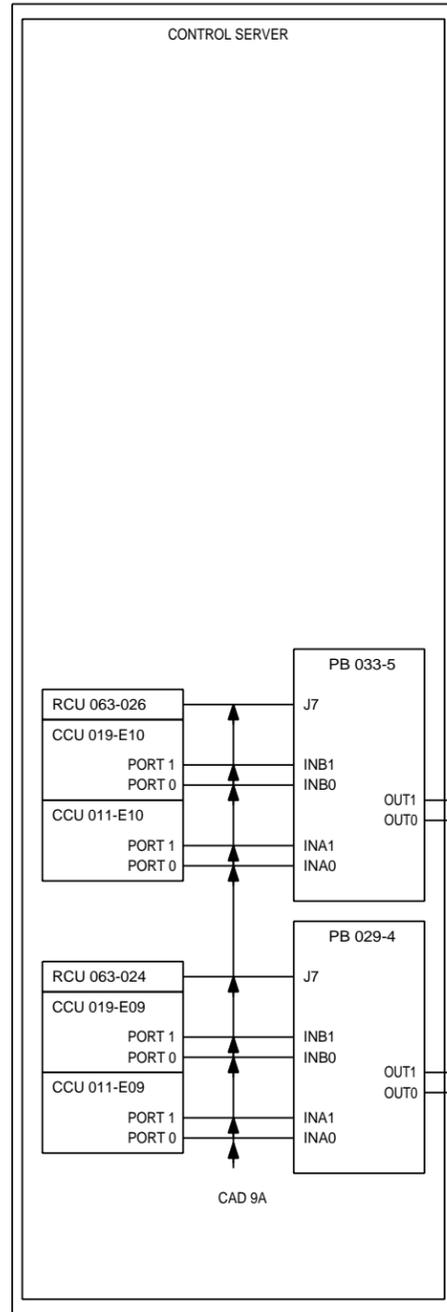


NOTE:
 1. FOR 2 V.35/SS7 LINK APPLICATIONS - OUT0 = LINK 1, OUT1 = LINK2
 FOR 4 V.35/SS7 LINK APPLICATIONS - OUT0 = LINK 1, OUT1 = LINK3

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B27

AS 13A

X.25, V.35/SS7 INTERFACE
PROGRAM RELEASE R7 AND LATER



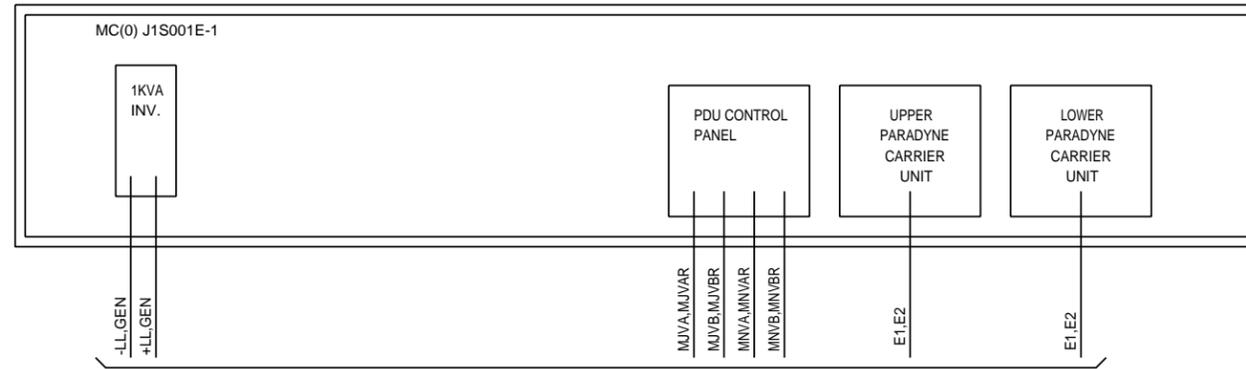
NOTE:
1. FOR 2 V.35/SS7 LINK APPLICATIONS - OUT0 = LINK 1, OUT1 = LINK2
FOR 4 V.35/SS7 LINK APPLICATIONS - OUT0 = LINK 1, OUT1 = LINK3

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B28

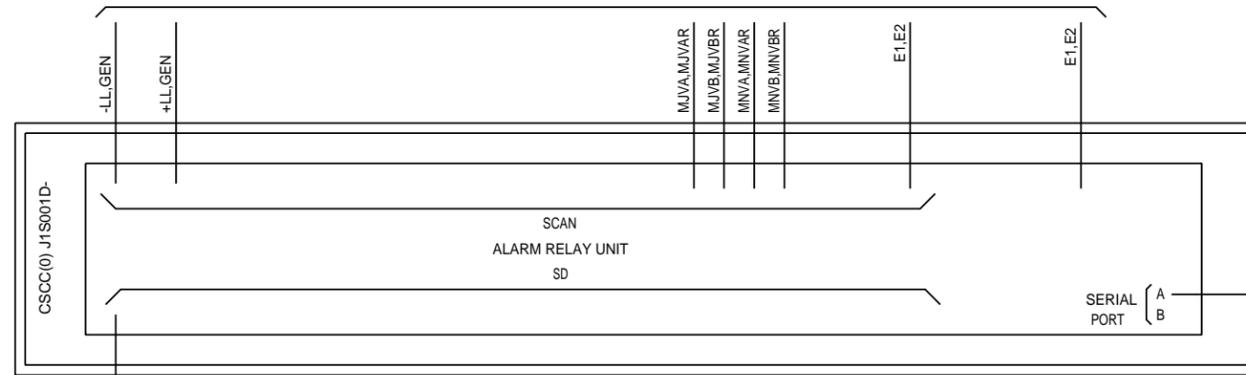
AS 14

ALARM RELAY INTERFACE

(PROGRAM RELEASE R6)



TO OFFICE DF CAD 12



CAD 13

TO OFFICE DF

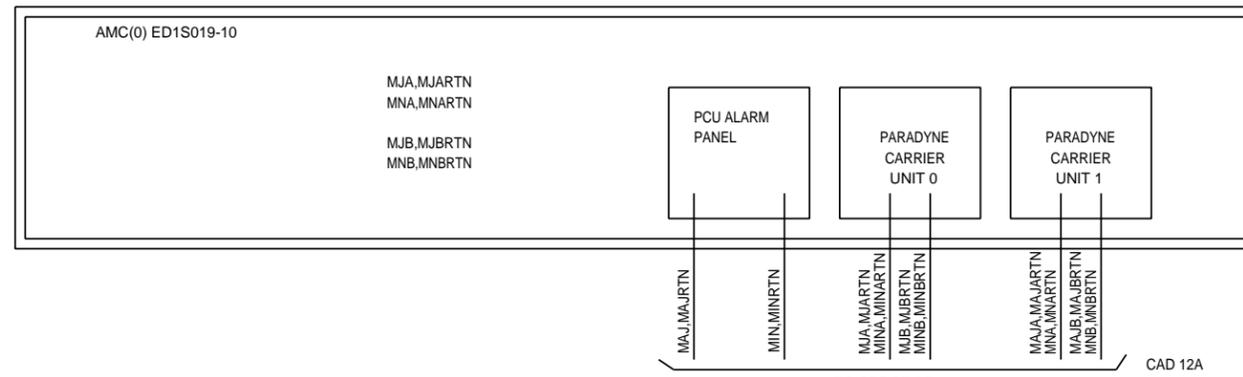
CAD 6

ARU } TO AS 12

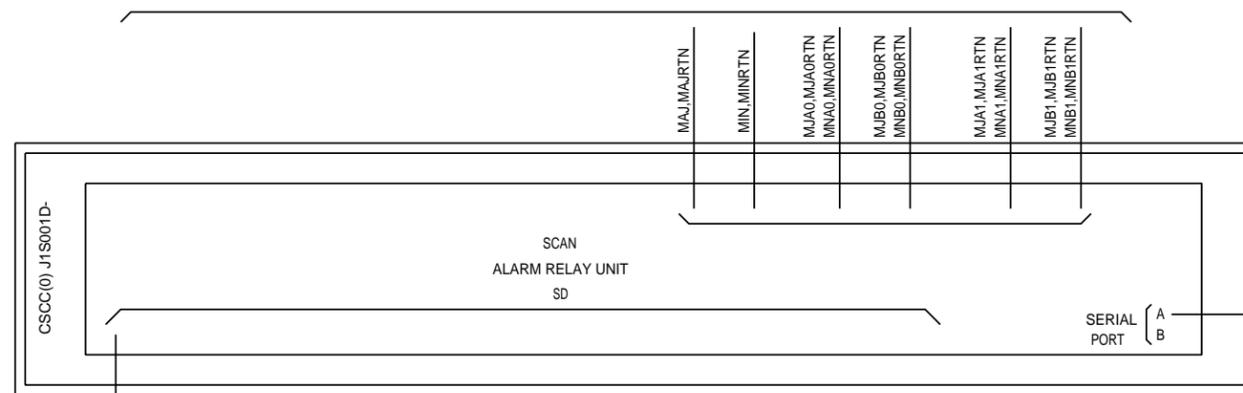
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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B29

AS 14A [Ⓟ]

ALARM RELAY INTERFACE
(PROGRAM RELEASE R7 AND LATER)



TO OFFICE DF CAD 12A



CAD 13A
TO OFFICE DF

CAD 6A
ARU } TO AS 12A

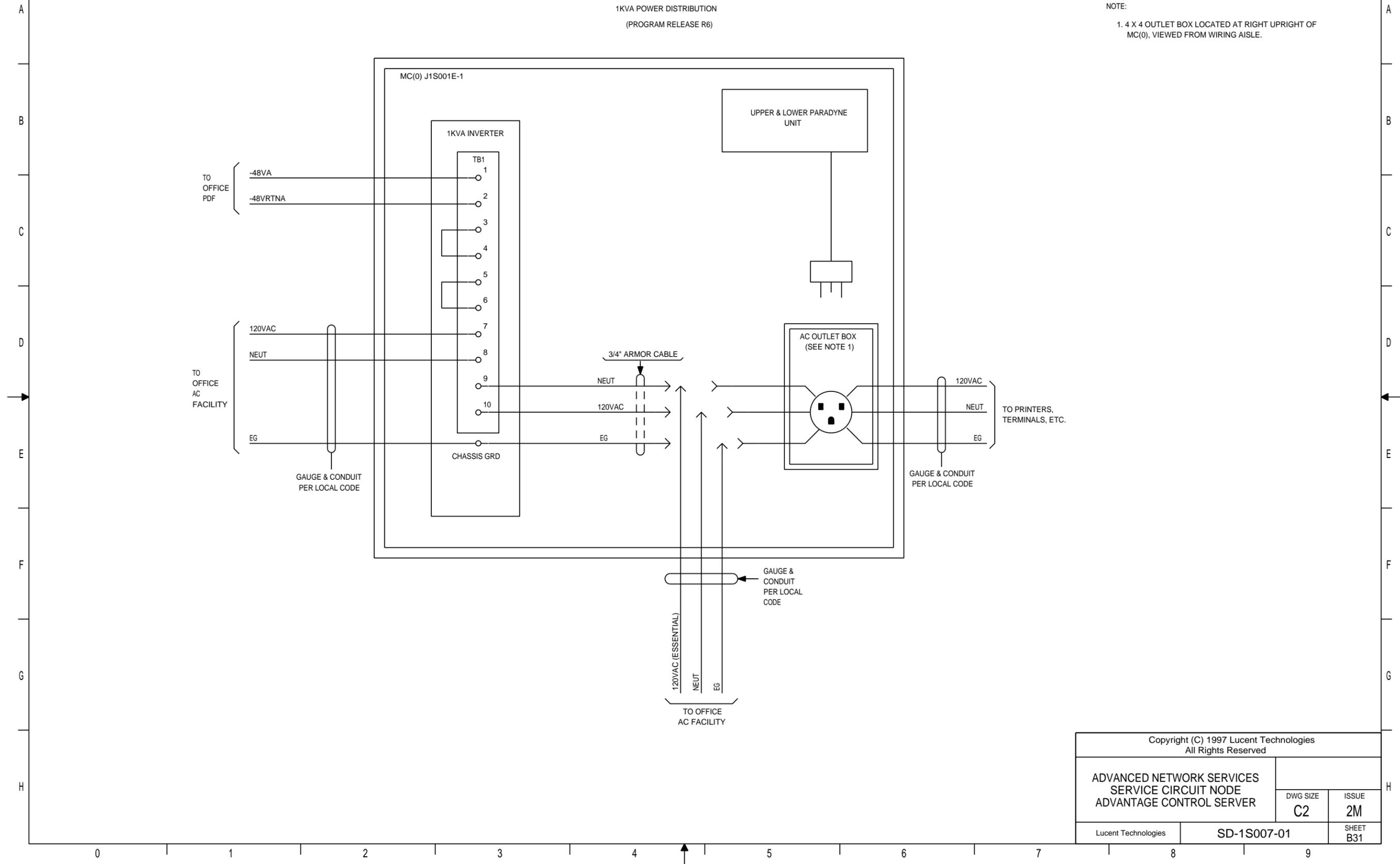
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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B30

AS 15

1KVA POWER DISTRIBUTION
(PROGRAM RELEASE R6)

NOTE:

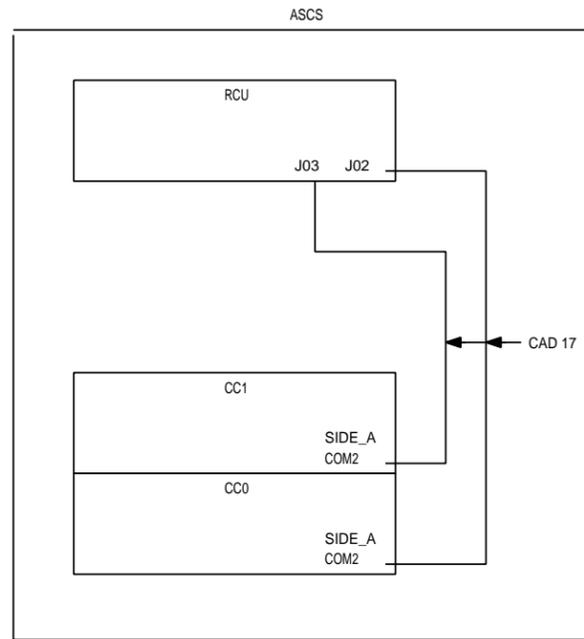
1. 4 X 4 OUTLET BOX LOCATED AT RIGHT UPRIGHT OF MC(0), VIEWED FROM WIRING AISLE.



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET B31

AS 16

ASCS HEART BEAT CABLING



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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

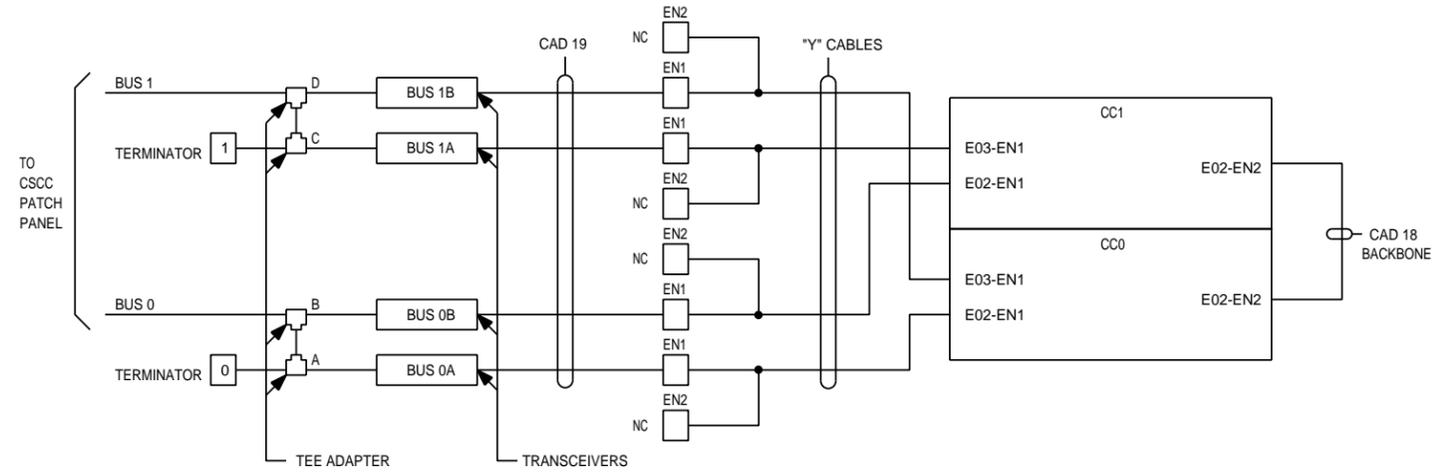
Lucent Technologies

SD-1S007-01

SHEET
B32

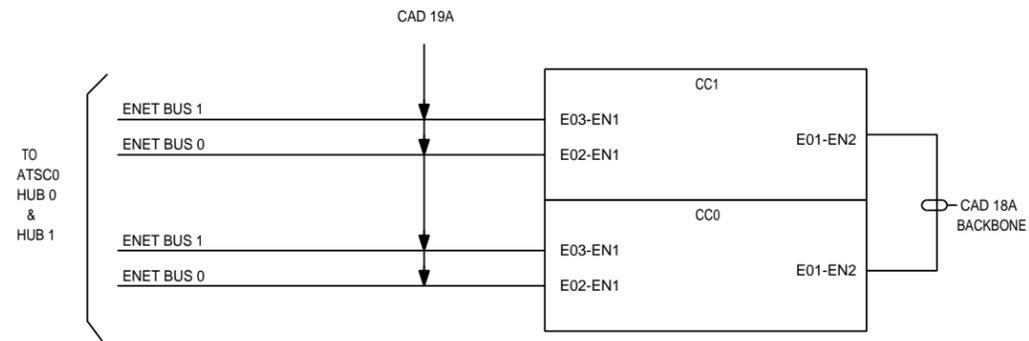
AS 17

ETHERNET CABLE
(PROGRAM RELEASE R6)



AS 17A

ETHERNET CABLE
(PROGRAM RELEASE R7 AND LATER)



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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE	ISSUE
C2	2M

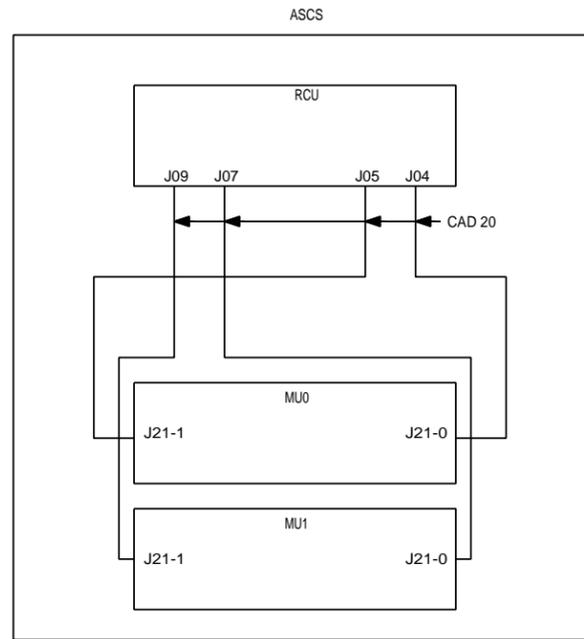
Lucent Technologies

SD-1S007-01

SHEET
B33

AS 18

SCSI COM



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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

Lucent Technologies

SD-1S007-01

SHEET
B34

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
WP92458,L12	12	-48VDC	CC,PD
WP91768,L112	7	-48VDC	MU
WP91768,L108	3	-48VDC	FAN
WP91768,L107	2	-48VDC	ARU
<u>BATTERY SYMBOL</u>		<u>VOLTAGE RANGE</u>	
-48VDC		-42.75V TO -52.5V	

EQUIPMENT NOTES:

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER		DWG SIZE C2
Lucent Technologies	SD-1S007-01	ISSUE 2M SHEET D1

INFORMATION NOTES:

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

302.

FEATURE OR OPTION	PROVIDE	
	APP FIG	APP OR WRG QUANTITY

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	
				AVAIL	DA
2	Y OR Z	Z		Y	Z

INFORMATION NOTES (CONT'D)

304. LEAD NAMES (LINK SET 1, LINK CODE 0, ETC) APPEARING IN AS11 ARE RECOMMENDED FOR ASSIGNMENT TO THE EVEN AND ODD SIGNAL TRANSFER POINTS (STPS). THESE ASSIGNMENTS PROVIDE FOR THE MOST RELIABLE "A" LINK DIVERSITY BETWEEN THE SCP AND STPS.

INFORMATION NOTES (CONT'D)

305. PHYSICAL LAYOUT RELEASE R6 CONVERSION SYSTEMS, WITH A SWITCH FABRIC.

ACSC	MC	CSCC	LUC	SFC	CSCC
	0	0			1

TOP VIEW

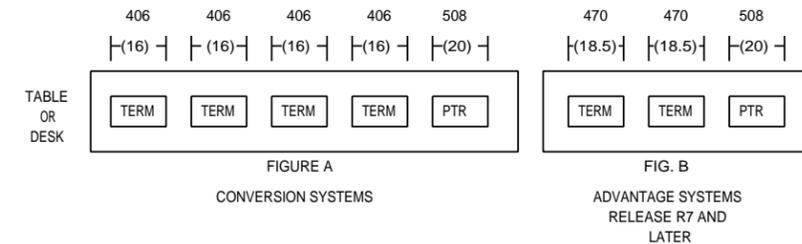
PHYSICAL LAYOUT RELEASE R7 AND LATER.

AMC	ATSC	ACSC	ATSC	ANTC0
	0		1	

TOP VIEW

306. FLOOR PLAN DATA

1. ADDITIONAL FLOOR SPACE MUST BE PROVIDED FOR PERIPHERAL EQUIPMENT (E.G. PRINTERS AND TERMINALS). (SEE FIG. A OR FIG. B)
2. ALL CABINETS ARE 72 INCHES HIGH.
3. ALL CABINETS SHOULD ALLOW 3 FEET 914MM CLEARANCE IN THE FRONT OF THE CABINET AND 2 FEET 610MM IN THE BACK OF THE CABINET.
4. THE ACSC SHOULD NOT BE SEPERATED FROM THE MISCELLANEOUS CABINET UNLESS ABSOLUTELY NECESSARY. HOWEVER, THE MISC. CABINET CAN BE MOVED A MAXIMUM 20 CABLE FEET,6M FROM THE ACSC IF NECESSARY. IF THIS IS DONE, A RACEWAY SHOULD BE PROVIDED TO ALLOW ACSC CABLES TO BE ROUTED TO THE OVERHEAD CABLE RACK.
5. REFERENCE SD5D001-02 FOR MORE DETAILED INFORMATION CONCERNING COLUMNS, CROSS-AISLES, ETC.



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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET D2

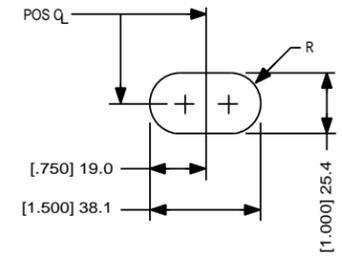
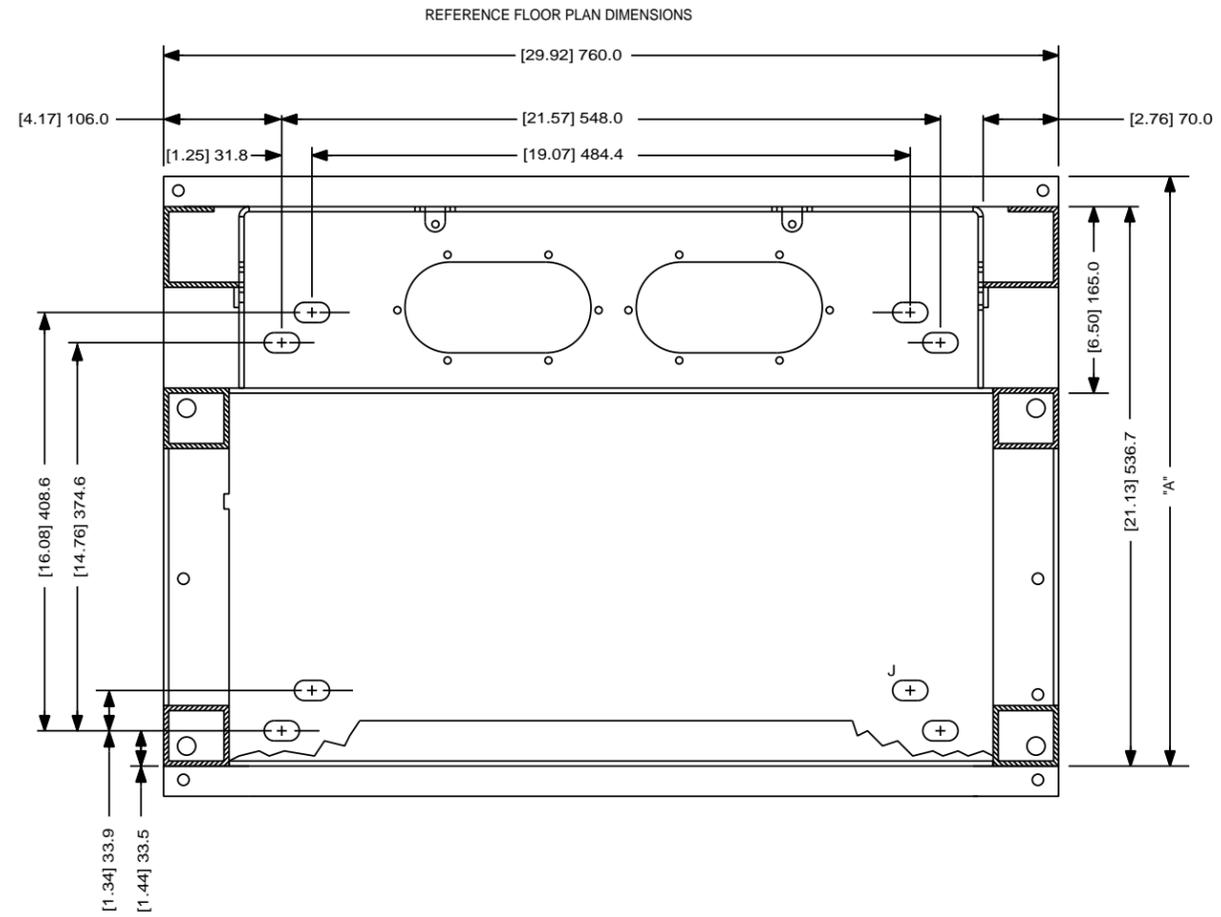
INFORMATION NOTES: (CONT)

307. TYPICAL STAMPING FOR DISTRIBUTION FRAME TERMINATIONS.

A. SCANNER (CAD 17), SIGNAL DISTRIBUTOR (CAD 18)
AND PARADYNE CARRIER UNIT (CAD 19).

	P	N	P	N	I	C	NO	NC	
01	-	-	-	-	-	-	-	-	K1
05	-	-	-	-	-	-	-	-	K4 SD
09	-	-	-	-	-	-	-	-	K5
13	-	-	-	-	-	-	-	-	K8
15	-	-	-	-	-	-	-	-	
SCP ()									SCP ()
01	-	-	-	-	-	-	-	-	02
07	-	-	-	-	-	-	-	-	08
09	-	-	-	-	-	-	-	-	10
15	-	-	-	-	-	-	-	-	16
SLOT									SLOT
01	-	-	-	-	-	-	-	-	02
07	-	-	-	-	-	-	-	-	08
09	-	-	-	-	-	-	-	-	10
15	-	-	-	-	-	-	-	-	16
	T	R	T1	R1	T	R	T1	R1	
	RCV	XMIT	RCV	XMIT					

INFORMATION NOTES: (CONT'D)
308. REFERENCE FLOOR PLAN DATA



CABINET DET.	"A" DIMENSION (NOMINAL)	
	WITH DOOR FRAMES ONLY	WITH DOORS
ED5D785	23.43" (595.0MM)	23.62" (600.0MM)

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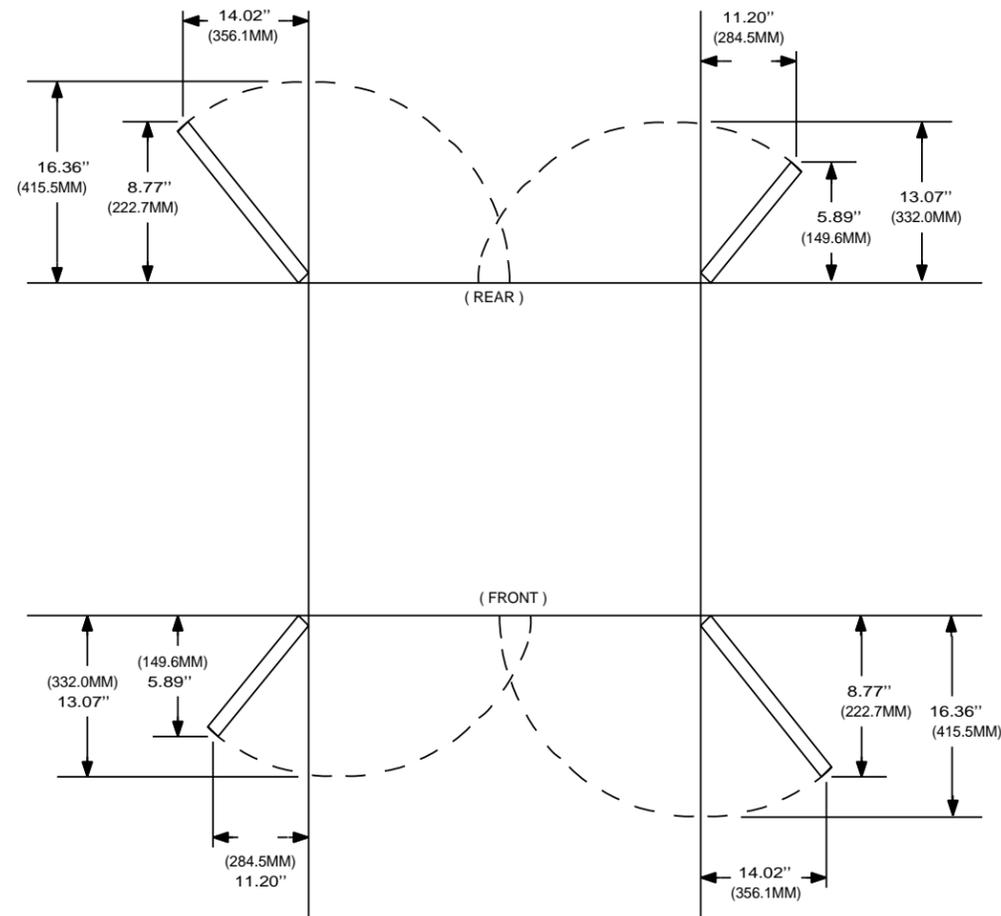
ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE: C2
ISSUE: 2M

Lucent Technologies | SD-1S007-01 | SHEET D3

INFORMATION NOTES: (CONT'D)
 309. SWITCH CABINET DOOR SWING

5ESS-2000 SWITCH CABINET DOOR SWING
 (CABINET DETAIL)



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Lucent Technologies		ISSUE 2M
SD-1S007-01		SHEET D4

CAD 1 (Z)

INTRA ACSC POWER CABLES -48VDC

SIDE	FROM			TO		
	UNIT	EQL OR POSITION	UNIT	EQL OR POSITION	UNIT	EQL OR POSITION
0	MFFU	EQL 69-014-A	RCU	POS	SLOT 2, PB 25	
	MFFU	EQL 69-023-A	MU0	POS	48-01-J22-0	
	MFFU	EQL 69-023-ARTN	MU0	POS	48-01-J22-0	
	MFFU	EQL 69-032-A	FAN (E)	EQL	36-010-010	
	MFFU	EQL 69-032-B	MU1	POS	55-01-J22-0	
	MFFU	EQL 69-032-BRTN	MU1	POS	55-01-J22-0	
	MFFU	EQL 69-032-ARTN	FAN (E)	EQL	36-010-009	
	MFFU	EQL 69-041-A	FAN (F)	EQL	36-010-012	
	MFFU	EQL 69-041-ARTN	FAN (F)	EQL	36-010-011	
	MFFU	EQL 69-014-ARTN	CC-0	POS	-48VRET	
	RCU	POS	SLOT 2, PB 42	CC-0	POS	-48V
	MU0	POS		RCU	POS	PB26 (+5V)
	MU0	POS		RCU	POS	PB44 (GRD)
1	MFFU	EQL 69-118-A	RCU	POS	SLOT 3, PB 24	
	MFFU	EQL 69-127-A	MU0	POS	48-14-J22-1	
	MFFU	EQL 69-127-ARTN	MU0	POS	48-14-J22-1	
	MFFU	EQL 69-141-A	FAN (G)	EQL	36-010-014	
	MFFU	EQL 69-141-ARTN	FAN (G)	EQL	36-010-013	
	MFFU	EQL 69-141B	MU1	POS	55-14-J22-1	
	MFFU	EQL 69-141-BRTN	MU1	POS	55-14-J22-1	
	MFFU	EQL 69-118-ARTN	CC-1	POS	-48V RET	
	RCU	POS	SLOT 3, PB 41	CC-1	POS	-48V
	MU0	POS		RCU	POS	PB 49 (+5V)
	MU0	POS		RCU	POS	PB 52 (GRD)

CAD 1A (Y)

INTRA ACSC POWR CABLES, -48V & +5V

SIDE	FROM			TO		
	UNIT	EQL OR POSITION	UNIT	EQL OR POSITION	UNIT	EQL OR POSITION
0	MFFU	EQL 069-014-A	RCU	POS	063-SLOT 2, PB25	
	MFFU	069-014-ARTN	CC0	POS	011-(-)48 VRTN	
	RCU	063-SLOT 2, PB42	CC0	POS	011-(-)48 V	
	MFFU	069-23-A	MU0	POS	048-PS0-J22-3 & 4	
	MFFU	069-023-ARTN	MU0	POS	048-PS0-J22-1 & 2	
	MFFU	069-032-A	FAN E	EQL	036-010-010	
	MFFU	069-032-ARTN	FAN E	EQL	036-010-009	
	MFFU	069-032-B	MU1	POS	055-PS0-J22-3 & 4	
	MFFU	069-032-BRTN	MU1	POS	055-PS0-J22-1 & 2	
	MFFU	069-041-A	FAN F	EQL	036-010-012	
	MFFU	069-041-ARTN	FAN F	EQL	036-010-011	
	MU0	048-PS0-J18-1,5,6	RCU	POS	063-PB26(+5V)	
	MU0	048-PS0-J18-2,3,4	RCU	POS	063-PB44(GND)	
	FRAME UPRIGHT	062-000	RCU	POS	063-PB44	
	FRAME UPRIGHT	059-000	MU1	POS	055-PS0-J18-3	
	FRAME UPRIGHT	058-000	MU1	POS	055-PS0-J18-4	
	MU1	055-PS0-J18-1	MU1	POS	055-PS0-J18-5	
	MU1	055-PS0-J18-2	MU1	POS	055-PS0-J18-3	
	MFFU	069-041-B	ARU PWR SUPPLY	POS	024-(-)48V	
	MFFU	069-041-BRTN	ARU PWR SUPPLY	POS	024-(-)48VRTN	
1	MFFU	069-118-A	RCU	POS	063-SLOT 3-PB24	
	MFFU	069-118-ARTN	CC1	POS	020-(-)48VRTN	
	RCU	063-SLOT 3-PB41	CC1	POS	020-(-)48V	
	MFFU	069-127-A	MU0	POS	048-PS1-J22-3 & 4	
	MFFU	069-127-ARTN	MU0	POS	048-PS1-J22-1 & 2	
	MFFU	069-141-A	FAN G	EQL	036-010-014	
	MFFU	069-141-ARTN	FAN G	EQL	036-010-013	
	MFFU	069-141-B	MU1	POS	055-PS1-J22-3 & 4	
	MFFU	069-141-BRTN	MU1	POS	055-PS1-J22-1 & 2	
	MU0	048-PS1-J18-1,5,6	RCU	POS	063-PB49(+5V)	
	MU0	048-PS1-J18-2,3,4	RCU	POS	063-PB52(GND)	
	FRAME UPRIGHT	062-192	RCU	POS	063-PB52	
	FRAME UPRIGHT	059-192	MU1	POS	055-PS1-J18-3	
	FRAME UPRIGHT	058-192	MU1	POS	055-PS1-J18-4	
	MU1	055-PS1-J18-1	MU1	POS	055-PS1-J18-5	
MU1	055-PS1-J18-2	MU1	POS	055-PS1-J18-3		

NOTES:
1. REFER TO ED1S015-60 FOR ORDERING INFORMATION.

CAD 2

INTRA-ACSC SCSI CABLING

FROM		TO	
UNIT	PORT	UNIT	PORT
CC0	PCI0-P0	MU0	SIDE 0-SCSI IN0
CC0	PCI1-P0	MU0	SIDE 1-SCSI IN0
CC1	PCI0-P0	MU0	SIDE 0-SCSI IN1
CC1	PCI1-P0	MU0	SIDE 1-SCSI IN1
CC0	PCI2-P0	MU1	SIDE 0-SCSI IN0
CC0	PCI3-P0	MU1	SIDE 1-SCSI IN0
CC1	PCI2-P0	MU1	SIDE 0-SCSI IN1
CC1	PCI3-P0	MU1	SIDE 1-SCSI IN1

NOTES:
1. SEE AS 9 FOR GRAPHICAL INFORMATION
2. REFER TO ED1S015-60 FOR ORDERING INFORMATION.

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET G1

CAD 3 (Z)

INTER-PERIPHERAL CABINET POWER
CABLES -48VDC

SYSTEMS E/W A SWITCH FABRIC

FROM			TO		
BUS	OFFICE PDF	AMP	CABINET	FB	CABLE GROUP *
A		20	ACS	017	G8
		20	ACS	032	G8
		20	ACS	063	G8
		20	ACS	078	G8
B		20	ACS	108	G8
		20	ACS	123	G8
		20	ACS	154	G8
		20	ACS	169	G8

* = ED5A079-30

CAD 3A (Y)

INTER-PERIPHERAL CABINET POWER
CABLES -48VDC

(PROGRAM RELEASE R7 AND LATER)

FROM AMCO CABINET PDU					TO				
BUS	FB	FUSE	AMP	RET	CABINET	CONN	CABLE CODE		
A	1	F1	25	F1-ARET	ACSC	68-017	1		
		F2	25	F2-ARET		68-022			
		F3	25	F3-ARET		68-063			
		F4	25	F4-ARET		68-078			
	2	F5	25	F5-ARET	ATSC0	68-017	1		
		F6	25	F6-ARET		68-022			
		F7	25	F7-ARET		68-063			
		F8	25	F8-ARET		68-078			
	3	F9	25	F9-ARET	ATSC1	68-017	1		
		F10	25	F10-ARET		68-022			
		F11	25	F11-ARET		68-063			
		F12	25	F12-ARET		68-078			
	4	F13	25	F13-ARET	ANTC	68-017	1		
		F14	25	F14-ARET		68-022			
		F15	25	F15-ARET		68-063			
		F16	25	F16-ARET		68-078			
	5	F17							
		F18							
		F19							
		F20							
	6	F21							
		F22							
		F23	25	F23-ARET		PARADYNE RACK UNIT		41-P1	3
		F24	25	F24-ARET				29-P1	

FROM AMCO CABINET PDU					TO				
BUS	FB	FUSE	AMP	RET	CABINET	CONN	CABLE CODE		
B	7	F1	25	F1-BRET	ACSC	68-108	2		
		F2	25	F2-BRET		68-123			
		F3	25	F3-BRET		68-154			
		F4							
	8	F5	25	F5-BRET	ATSC0	68-108	2		
		F6	25	F6-BRET		68-123			
		F7	25	F7-BRET		68-154			
		F8							
	9	F9	25	F9-BRET	ATSC1	68-108	2		
		F10	25	F10-BRET		68-123			
		F11	25	F11-BRET		68-154			
		F12							
	10	F13	25	F13-BRET	ANTC	68-108	2		
		F14	25	F14-BRET		68-123			
		F15	25	F15-BRET		68-154			
		F16	25	F16-BRET		68-169			
	11	F17							
		F18							
		F19							
		F20							
	12	F21							
		F22							
		F23	25	F23-BRET		PARADYNE RACK UNIT		41-P5	3
		F24	25	F24-BRET				29-P5	

CAD 3A CABLE CODES
 1 = ED5A079-30 G40
 2 = ED5A079-30 G42
 3 = COMCODE #847823481

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER		ISSUE 2M
Lucent Technologies	SD-1S007-01	SHEET G2

CAD 4

INTRA ACSC ALARM CABLING

FROM		TO		NOTE
UNIT	EQL OR POSITION	UNIT	EQL OR POSITION	
CC0	TB-SIG IN-1(+)	MFFU	068-098-117	FUSE ALARM REQUIRES A 17.8K RESISTOR IN SERIES
CC0	TB-SIG IN-1(-)	MFFU	068-098-103	
CC1	TB-SIG IN-1(+)	MFFU	068-098-112	FUSE ALARM REQUIRES A 17.8K RESISTOR IN SERIES
CC1	TB-SIG IN-1(-)	MFFU	068-098-106	
MFFU	068-098-003	MFFU	068-098-006	JUMPER A & B ALARMS
CC0	TB-SIG IN-2(+)	MU0	048-PS0-J20, PIN 1	MEDIA UNIT 0 POWER 0 ALARM
CC0	TB-SIG IN-2(-)	MU0	048-PS0-J20, PIN 2	
MU0	048-PS1-J20,PIN 1	MU0	048-PS0-J20, PIN 3	
MU0	048-PS1-J20,PIN 2	MU0	048-PS0-J20, PIN 4	
CC1	TB-SIG IN-2(+)	MU0	048-PS0-J20, PIN 3	MEDIA UNIT 0 POWER 0 ALARM
CC1	TB-SIG IN-2(-)	MU0	048-PS0-J20, PIN 4	
CC0	TB-SIG IN-2(+)	MU0	048-PS1-J20, PIN 1	MEDIA UNIT 0 POWER 1 ALARM
CC0	TB-SIG IN-2(-)	MU0	048-PS1-J20, PIN 2	
MU0	048-PS1-J20, PIN 1	MU0	048-PS1-J20, PIN 3	
MU0	048-PS1-J20, PIN 2	MU0	048-PS1-J20, PIN 4	
CC1	TB-SIG IN-2(+)	MU0	048-PS1-J20, PIN 3	MEDIA UNIT 0 POWER 1 ALARM
CC1	TB-SIG IN-2(-)	MU0	048-PS1-J20, PIN 4	
CC0	TBSIG IN-3(+)	CU	036-J2/004-211	SOME OLD DTI UNITS NEED AN 820 OHM RESISTOR IN SERIES
CC0	TB-SIG IN-3(-)	CU	036-J2/004-210	
CC1	TB-SIG IN-3(+)	CU	036-J3/004-301	SOME OLD DTI UNITS NEED AN 820 OHM RESISTOR IN SERIES
CC1	TB-SIG IN-3(-)	CU	036-J3/004-300	
CC0	TB-SIG IN-4(+)	MU1	055-PS0-J20, PIN 1	MEDIA UNIT 1 POWER 0 ALARM
CC0	TB-SIG IN-4(-)	MU1	055-PS0-J20, PIN 2	
MU1	055-PS0-J20, PIN 1	MU1	055-PS0-J20, PIN 3	
MU1	055-PS0-J20, PIN 2	MU1	055-PS0-J20, PIN 4	
CC1	TB-SIG IN-4(+)	MU1	055-PS0-J20, PIN 3	MEDIA UNIT 1 POWER 0 ALARM
CC1	TB-SIG IN-4(-)	MU1	055-PS0-J20, PIN 4	
CC0	TB-SIG IN-4(+)	MU1	055-PS1-J20, PIN 1	MEDIA UNIT 1 POWER 1 ALARM
CC0	TB-SIG IN-4(-)	MU1	055-PS1-J20, PIN 2	
MU1	055-PS1-J20, PIN 1	MU1	055-PS1-J20, PIN 3	
MU1	055-PS1-J20, PIN 2	MU1	055-PS1-J20, PIN 4	
CC1	TB-SIG IN-4(+)	MU1	055-PS1-J20, PIN 3	MEDIA UNIT 1 POWER 1 ALARM
CC1	TB-SIG IN-4(-)	MU1	055-PS1-J20, PIN 4	
MFFU	068-098-000	BEZEL	FUSE IND. STRIP-1	
MFFU	068-098-001	BEZEL	FUSE IND. STRIP-2	
CU	036-J1/004-100	BEZEL	FAN IND. STRIP-4	
CU	036-J1/004-102	BEZEL	FAN IND. STRIP-5	

NOTE: REFER TO ED1S015-60 FOR ORDERING INFORMATION.

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER		DWG SIZE C2
Lucent Technologies		ISSUE 2M SHEET G3
SD-1S007-01		

CAD 5 (Z)

RS232 CABLING FROM THE RS232 DISTRIBUTION MODULE TO THE RCU

FROM			TO		CABLE CODE
RS232 DISTRIBUTION MODULE			RCU		
VERT EQL	PATCH PANEL	JACK	(VERT/SLOT/PORT)		
24	DM-00	0	UNUSABLE		
24	DM-10	0	UNUSABLE		
24	DM-00	1	063-6-(IN-A1)		-
24	DM-10	1	063-6-(IN-B1)		-
24	DM-00	2	063-6-(IN-A2)		-
24	DM-10	2	063-6-(IN-B2)		-
24	DM-00	3	063-6-(IN-A3)		-
24	DM-10	3	063-6-(IN-B3)		-
24	DM-00	4	063-10-(IN-A0)		-
24	DM-10	4	063-10-(IN-B0)		-
24	DM-00	5	063-10-(IN-A1)		-
24	DM-10	5	063-10-(IN-B1)		-
24	DM-00	6	063-10-(IN-A2)		-
24	DM-10	6	063-10-(IN-B2)		-
24	DM-00	7	063-10-(IN-A3)		-
24	DM-10	7	063-10-(IN-B3)		-
24	DM-00	8	063-14-(IN-A0)		-
24	DM-10	8	063-14-(IN-B0)		-
24	DM-00	9	063-14-(IN-A1)		-
24	DM-10	9	063-14-(IN-B1)		-
24	DM-00	10	063-14-(IN-A2)		-
24	DM-10	10	063-14-(IN-B2)		-
24	DM-00	11	063-14-(IN-A3)		-
24	DM-10	11	063-14-(IN-B3)		-
24	DM-00	12	063-18-(IN-A0)		-
24	DM-10	12	063-18-(IN-B0)		-
24	DM-00	13	063-18-(IN-A1)		-
24	DM-10	13	063-18-(IN-B1)		-
24	DM-00	14	063-18-(IN-A2)		-
24	DM-10	14	063-18-(IN-B2)		-
24	DM-00	15	063-18-(IN-A3)		-
24	DM-10	15	063-18-(IN-B3)		-

FROM			TO		CABLE CODE
RS232 DISTRIBUTION MODULE			RCU		
VERT EQL	PATCH PANEL	JACK	(VERT/SLOT/PORT)		
24	DM-01	0	UNUSABLE		
24	DM-11	0	UNUSABLE		
24	DM-01	1	063-22-(IN-A1)		-
24	DM-11	1	063-22-(IN-B1)		-
24	DM-01	2	063-22-(IN-A2)		-
24	DM-11	2	063-22-(IN-B2)		-
24	DM-01	3	063-22-(IN-A3)		-
24	DM-11	3	063-22-(IN-B3)		-
24	DM-01	4	063-24-(IN-A0)		-
24	DM-11	4	063-24-(IN-B0)		-
24	DM-01	5	063-24-(IN-A1)		-
24	DM-11	5	063-24-(IN-B1)		-
24	DM-01	6	063-24-(IN-A2)		-
24	DM-11	6	063-24-(IN-B2)		-
24	DM-01	7	063-24-(IN-A3)		-
24	DM-11	7	063-24-(IN-B3)		-
24	DM-01	8	063-26-(IN-A0)		-
24	DM-11	8	063-26-(IN-B0)		-
24	DM-01	9	063-26-(IN-A1)		-
24	DM-11	9	063-26-(IN-B1)		-
24	DM-01	10	063-26-(IN-A2)		-
24	DM-11	10	063-26-(IN-B2)		-
24	DM-01	11	063-26-(IN-A3)		-
24	DM-11	11	063-26-(IN-B3)		-
24	DM-01	12	063-28-(IN-A0)		-
24	DM-11	12	063-28-(IN-B0)		-
24	DM-01	13	063-28-(IN-A1)		-
24	DM-11	13	063-28-(IN-B1)		-
24	DM-01	14	063-28-(IN-A2)		-
24	DM-11	14	063-28-(IN-B2)		-
24	DM-01	15	063-28-(IN-A3)		-
24	DM-11	15	063-28-(IN-B3)		-

CAD 6 (Z)

RS232 INTER-CABINET CABLING

PORT	FUNCTION	CAB	FROM EQL	CAB	TO EQL	CABLE CODE
0		ACS	063-006-OUT0			
1	MTCE	ACS	063-006-OUT1		LMT	
2	ALARM	ACS	063-006-OUT2		ARU	
3	PRINTER	ACS	063-006-OUT3		ROP	B
4	USER	ACS	063-010-OUT0		SMSI	
5	RMT	ACS	063-010-OUT1		RMT	
6	SCCCI	ACS	063-010-OUT2		SCCCI	
7	SCC	ACS	063-010-OUT3		SCC	
8		ACS	063-014-OUT0			
9		ACS	063-014-OUT1			
10		ACS	063-014-OUT2			
11	USER	ACS	063-014-OUT3			
12	USER	ACS	063-018-OUT0			
13	USER	ACS	063-018-OUT1			
14	USER	ACS	063-018-OUT2			
15	USER	ACS	063-018-OUT3			
16						
17	USER	ACS	063-022-OUT1			
18	USER	ACS	063-022-OUT2			
19	USER	ACS	063-022-OUT3			
20	USER	ACS	063-024-OUT0			
21	USER	ACS	063-024-OUT1			
22	USER	ACS	063-024-OUT2			
23	USER	ACS	063-024-OUT3			
24	USER	ACS	063-026-OUT0			
25	USER	ACS	063-026-OUT1			
26	USER	ACS	063-026-OUT2			
27	USER	ACS	063-026-OUT3			
28	USER	ACS	063-028-OUT0			
29	USER	ACS	063-028-OUT1			
30	USER	ACS	063-028-OUT2			
31	USER	ACS	063-028-OUT3			

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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

Lucent Technologies

SD-1S007-01

SHEET
G4

CAD 5A (Y)

RS232 CABLING FROM THE DISTRIBUTION MODULES TO THE RCU

FROM RS232 DISTRIBUTION MODULE			TO RCU		
VERT EQL	MODULE	PORT	VERT EQL	SLOT	PORT
024	DM-00	0	063	006	INA0
	DM-10	0		006	INB0
	DM-00	1		006	INA1
	DM-10	1		006	INB1
	DM-00	2		006	INA2
	DM-10	2		006	INB2
	DM-00	3		006	INA3
	DM-10	3		006	INB3
	DM-00	4		010	INA0
	DM-10	4		010	INB0
	DM-00	5		010	INA1
	DM-10	5		010	INB1
	DM-00	6		010	INA2
	DM-10	6		010	INB2
	DM-00	7		010	INA3
	DM-10	7		010	INB3
	DM-00	8		014	INA0
	DM-10	8		014	INB0
	DM-00	9		014	INA1
	DM-10	9		014	INB1
	DM-00	10		014	INA2
	DM-10	10		014	INB2
	DM-00	11		014	INA3
	DM-10	11		014	INB3
	DM-00	12		018	INA0
	DM-10	12		018	INB0
	DM-00	13		018	INA1
	DM-10	13		018	INB1
	DM-00	14		018	INA2
	DM-10	14		018	INB2
	DM-00	15		018	INA3
	DM-10	15		018	INB3
	DM-01	0		022	INA0
	DM-11	0		022	INB0
	DM-01	1		022	INA1
	DM-11	1		022	INB1
	DM-01	2		022	INA2
	DM-11	2		022	INB2
	DM-01	3		022	INA3
	DM-11	3		022	INB3
	DM-01	4		028	INA0
	DM-11	4		028	INB0
	DM-01	5		028	INA1
	DM-11	5		028	INB1
	DM-01	6		028	INA2
	DM-11	6		028	INB2
	DM-01	7		028	INA3
	DM-11	7		028	INB3

NOTE: REFER TO ED1S015-60 FOR ORDERING INFORMATION

CAD 6A (Y)

RS232 INTER-CABINET CABLING FOR R7 AND ABOVE

PORT	FUNCTION	FROM RCU RS232 PADDLEBOARDS		TO		CABLE CODE
		CABINET	VEQL-SLOT-PORT	CABINET	UNIT/VEQL-PORT	
0	RS232 INTER-FACE-NUL MODEM	ACSC	063-006-OUT0	ATSC0	TS4/047-COM 1	1
1	MTCE		063-006-OUT1		LMT	2
2	ALARM		063-006-OUT2	ACSC	ARU-/PORT A	2
3	PRINTER		063-006-OUT3		ROP	2
4	RS232 INT.		063-010-OUT0	ATSC1	TS9/047-COM 1	1
5	RMT		063-010-OUT1	AMC0	RMT	2
6	SCCCI		063-010-OUT2	AMC0	SCCCI	2
7	SCC		063-010-OUT3	AMC0	SCC	2
8	RS232 INTER-FACE-NUL MODEM		063-014-OUT0	ATSC0	TS0/011-COM 1	1
9			063-014-OUT1	ATSC0	TS2/029-COM 1	
10			063-014-OUT2	ATSC1	TS5/011-COM 1	
11			063-014-OUT3	ATSC1	TS7/029-COM 1	
12			063-018-OUT0	ATSC0	TS1/020-COM 1	
13			063-018-OUT1	ATSC0	TS3/038-COM 1	
14			063-018-OUT2	ATSC1	TS6/020-COM 1	
15			063-018-OUT3	ATSC1	TS8/038-COM 1	
16	USER		063-022-OUT0			2
17			063-022-OUT1			
18			063-022-OUT2			
19			063-022-OUT3			
20			063-028-OUT0			
21			063-028-OUT1			
22			063-028-OUT2			
23			063-028-OUT3			

CABLE CODE:
 1. = REFER TO ED1S018-60 FOR ORDERING.
 2. = REFER TO ED1S002-22 FOR ORDERING.

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET G5

CAD 7

CONTROL COMPUTER INTRA-CABINET AUXILIARY MULT CABLING
BETWEEN THE RCU BACKPLANE AND THE RCU RS232 PADDLEBOARDS

FROM		TO	
UNIT	EQL	UNIT	EQL
RCU BACKPLANE	AUX 0	RCU PADDLEBOARD	063-006-AUX 0
RCU PADDLEBOARD	063-006-AUX 1	RCU PADDLE BOARD	063-010-AUX 0
RCU PADDLE BOARD	063-010-AUX 1	RCU PADDLEBOARD	063-014-AUX 0
RCU PADDLEBOARD	063-014-AUX 1	RCU PADDLEBOARD	063-018-AUX 0
RCU PADDLEBOARD	063-018-AUX 1	NULL MODEM	IN LINE OF CABLE
NULL MODEM	IN LINE OF CABLE	RCU BACKPLANE	AUX 1

NOTES:

- SEE FIGURE AS 8 FOR GRAPHICAL REPRESENTATION.
- REFER TO ED1S015-60 FOR ORDERING INFORMATION.

CAD 7A (Z)

CONTROL COMPUTER INTRA-CABINET AUXILIARY MULT CABLING
BETWEEN THE RCU AND V.35 DISTRIBUTION PANEL
(RELEASE R6)

FROM		TO	
UNIT	EQL (VERT/SLOT/PORT)	UNIT	EQL (VERT/SLOT/PORT)
RCU RCU BACKPLANE	AUX0	RCU 992F PADDLE BOARD	063-SLOT6-AUX0
RCU 992F PADDLE BOARD	063-SLOT6-AUX1	RCU 992F PADDLE BOARD	063-SLOT10-AUX0
RCU 992F PADDLE BOARD	063-SLOT10-AUX1	RCU 992F PADDLE BOARD	063-SLOT14-AUX0
RCU 992F PADDLE BOARD	063-SLOT14-AUX1	RCU 992F PADDLE BOARD	063-SLOT18-AUX0
RCU 992F PADDLE BOARD	063-SLOT18-AUX1	V.35 PANEL X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL X.25 PADDLE BOARD	029-POS0-AUX1	V.35 PANEL X.25 PADDLE BOARD	033-POS1-AUX0
V.35 PANEL X.25 PADDLE BOARD	033-POS1-AUX1	NULL MODEM NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM NULL MODEM CONN.	(IN LINE OF CABLE)	RCU RCU BACKPLANE	AUX1

CAD 7AA (Y)

CONTROL COMPUTER INTRA-CABINET AUXILIARY MULT CABLING
BETWEEN THE RCU AND V.35 DISTRIBUTION PANEL
(4 X.25 LINKS)
(RELEASE R7 AND LATER)

FROM		TO	
UNIT	EQL (VERT/SLOT/PORT)	UNIT	EQL (VERT/SLOT/PORT)
RCU RCU BACKPLANE	AUX0	RCU 992F PADDLE BOARD	063-SLOT6-AUX0
RCU 992F PADDLE BOARD	063-SLOT6-AUX1	RCU 992F PADDLE BOARD	063-SLOT10-AUX0
RCU 992F PADDLE BOARD	063-SLOT10-AUX1	RCU 992F PADDLE BOARD	063-SLOT14-AUX0
RCU 992F PADDLE BOARD	063-SLOT14-AUX1	RCU 992F PADDLE BOARD	063-SLOT18-AUX0
RCU 992F PADDLE BOARD	063-SLOT18-AUX1	V.35 PANEL X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL X.25 PADDLE BOARD	029-POS0-AUX1	V.35 PANEL X.25 PADDLE BOARD	033-POS1-AUX0
V.35 PANEL X.25 PADDLE BOARD	033-POS1-AUX1	NULL MODEM NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM NULL MODEM CONN.	(IN LINE OF CABLE)	RCU RCU BACKPLANE	AUX1

CAD 7B (Z)

(RELEASE R6)

FROM		TO	
UNIT	EQL (VERT/SLOT/PORT)	UNIT	EQL (VERT/SLOT/PORT)
RCU RCU BACKPLANE	AUX0	RCU 992F PADDLE BOARD	063-SLOT6-AUX0
RCU 992F PADDLE BOARD	063-SLOT6-AUX1	RCU 992F PADDLE BOARD	063-SLOT10-AUX0
RCU 992F PADDLE BOARD	063-SLOT10-AUX1	RCU 992F PADDLE BOARD	063-SLOT14-AUX0
RCU 992F PADDLE BOARD	063-SLOT14-AUX1	RCU 992F PADDLE BOARD	063-SLOT18-AUX0
RCU 992F PADDLE BOARD	063-SLOT18-AUX1	V.35 PANEL SS7 PADDLE BOARD	029-POS4-AUX0
V.35 PANEL SS7 PADDLE BOARD	029-POS4-AUX1	V.35 PANEL X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL X.25 PADDLE BOARD	029-POS0-AUX1	V.35 PANEL X.25 PADDLE BOARD	033-POS1-AUX0
V.35 PANEL X.25 PADDLE BOARD	033-POS1-AUX1	NULL MODEM NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM NULL MODEM CONN.	(IN LINE OF CABLE)	RCU RCU BACKPLANE	AUX1

CAD 7BA (Y)

(4 X.25 LINKS & 2 SS7 LINKS)

(RELEASE R7 AND LATER)

FROM		TO	
UNIT	EQL (VERT/SLOT/PORT)	UNIT	EQL (VERT/SLOT/PORT)
RCU RCU BACKPLANE	AUX0	RCU 992F PADDLE BOARD	063-SLOT6-AUX0
RCU 992F PADDLE BOARD	063-SLOT6-AUX1	RCU 992F PADDLE BOARD	063-SLOT10-AUX0
RCU 992F PADDLE BOARD	063-SLOT10-AUX1	RCU 992F PADDLE BOARD	063-SLOT14-AUX0
RCU 992F PADDLE BOARD	063-SLOT14-AUX1	RCU 992F PADDLE BOARD	063-SLOT18-AUX0
RCU 992F PADDLE BOARD	063-SLOT18-AUX1	V.35 PANEL X.25 PADDLE BOARD	029-POS0-AUX1
V.35 PANEL X.25 PADDLE BOARD	029-POS0-AUX1	V.35 PANEL X.25 PADDLE BOARD	033-POS1-AUX1
V.35 PANEL X.25 PADDLE BOARD	033-POS1-AUX1	V.35 PANEL SS7 PADDLE BOARD	029-POS4-AUX0
V.35 PANEL X.25 PADDLE BOARD	SS7-POS4-AUX1	NULL MODEM NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM NULL MODEM CONN.	(IN LINE OF CABLE)	RCU RCU BACKPLANE	AUX1

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET G6

CAD 7C (Z)

(RELEASE R6)

FROM			TO		
UNIT	EQL (VERT/SLOT/PORT)		UNIT	EQL (VERT/SLOT/PORT)	
RCU	RCU BACKPLANE	AUX0	RCU	992F PADDLE BOARD	063-SLOT6-AUX0
RCU	992F PADDLE BOARD	063-SLOT6-AUX1	RCU	992F PADDLE BOARD	063-SLOT10-AUX0
RCU	992F PADDLE BOARD	063-SLOT10-AUX1	RCU	992F PADDLE BOARD	063-SLOT14-AUX0
RCU	992F PADDLE BOARD	063-SLOT14-AUX1	RCU	992F PADDLE BOARD	063-SLOT18-AUX0
RCU	992F PADDLE BOARD	063-SLOT18-AUX1	V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX0
V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX1	V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX0
V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX0
V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX1	NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)	RCU	RCU BACKPLANE	AUX1

CAD 7CA (Y)

(4 X.25 LINKS & 4 SS7 LINKS)

(RELEASE R7 AND LATER)

FROM			TO		
UNIT	EQL (VERT/SLOT/PORT)		UNIT	EQL (VERT/SLOT/PORT)	
RCU	RCU BACKPLANE	AUX0	RCU	992F PADDLE BOARD	063-SLOT6-AUX0
RCU	992F PADDLE BOARD	063-SLOT6-AUX1	RCU	992F PADDLE BOARD	063-SLOT10-AUX0
RCU	992F PADDLE BOARD	063-SLOT10-AUX1	RCU	992F PADDLE BOARD	063-SLOT14-AUX0
RCU	992F PADDLE BOARD	063-SLOT14-AUX1	RCU	992F PADDLE BOARD	063-SLOT18-AUX0
RCU	992F PADDLE BOARD	063-SLOT18-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX0
V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX1	V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX0
V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX1	V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX0
V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX1	NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)	RCU	RCU BACKPLANE	AUX1

CAD 7D (Z)

(RELEASE R6)

FROM			TO		
UNIT	EQL (VERT/SLOT/PORT)		UNIT	EQL (VERT/SLOT/PORT)	
RCU	RCU BACKPLANE	AUX0	RCU	992F PADDLE BOARD	063-SLOT6-AUX0
RCU	992F PADDLE BOARD	063-SLOT6-AUX1	RCU	992F PADDLE BOARD	063-SLOT10-AUX0
RCU	992F PADDLE BOARD	063-SLOT10-AUX1	RCU	992F PADDLE BOARD	063-SLOT14-AUX0
RCU	992F PADDLE BOARD	063-SLOT14-AUX1	RCU	992F PADDLE BOARD	063-SLOT18-AUX0
RCU	992F PADDLE BOARD	063-SLOT18-AUX1	V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX0
V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX1	V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX0
V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS3-AUX0
V.35 PANEL	X.25 PADDLE BOARD	033-POS3-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS2-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS2-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX0
V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX1	NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)	RCU	RCU BACKPLANE	AUX1

CAD 7DA (Y)

(4 X.25 LINKS & 4 SS7 LINKS)

(RELEASE R7 AND LATER)

FROM			TO		
UNIT	EQL (VERT/SLOT/PORT)		UNIT	EQL (VERT/SLOT/PORT)	
RCU	RCU BACKPLANE	AUX0	RCU	992F PADDLE BOARD	063-SLOT6-AUX0
RCU	992F PADDLE BOARD	063-SLOT6-AUX1	RCU	992F PADDLE BOARD	063-SLOT10-AUX0
RCU	992F PADDLE BOARD	063-SLOT10-AUX1	RCU	992F PADDLE BOARD	063-SLOT14-AUX0
RCU	992F PADDLE BOARD	063-SLOT14-AUX1	RCU	992F PADDLE BOARD	063-SLOT18-AUX0
RCU	992F PADDLE BOARD	063-SLOT18-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX0
V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS2-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS2-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS3-AUX1
V.35 PANEL	X.25 PADDLE BOARD	033-POS3-AUX1	V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX0
V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX1	V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX0
V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX1	NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)	RCU	RCU BACKPLANE	AUX1

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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

Lucent Technologies

SD-1S007-01

SHEET
G7

CAD 7F (Z)

(RELEASE R6)

FROM			TO		
UNIT	EQL (VERT/SLOT/PORT)		UNIT	EQL (VERT/SLOT/PORT)	
RCU	RCU BACKPLANE	AUX0	RCU	992F PADDLE BOARD	063-SLOT6-AUX0
RCU	992F PADDLE BOARD	063-SLOT6-AUX1	RCU	992F PADDLE BOARD	063-SLOT10-AUX0
RCU	992F PADDLE BOARD	063-SLOT10-AUX1	RCU	992F PADDLE BOARD	063-SLOT14-AUX0
RCU	992F PADDLE BOARD	063-SLOT14-AUX1	RCU	992F PADDLE BOARD	063-SLOT18-AUX0
RCU	992F PADDLE BOARD	063-SLOT18-AUX1	RCU	992F PADDLE BOARD	063-SLOT22-AUX0
RCU	992F PADDLE BOARD	063-SLOT22-AUX1	RCU	992F PADDLE BOARD	063-SLOT24-AUX0
RCU	992F PADDLE BOARD	063-SLOT24-AUX1	RCU	992F PADDLE BOARD	063-SLOT26-AUX0
RCU	992F PADDLE BOARD	063-SLOT26-AUX1	RCU	992F PADDLE BOARD	063-SLOT28-AUX1
RCU	992F PADDLE BOARD	063-SLOT28-AUX1	V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX0
V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX1	V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX0
V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL	PADDLE BOARD	029-POS0-AUX1	V.35 PANEL	PADDLE BOARD	033-POS1-AUX0
V.35 PANEL	PADDLE BOARD	033-POS1-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS2-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS2-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS3-AUX0
V.35 PANEL	X.25 PADDLE BOARD	033-POS3-AUX1	NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)	RCU	RCU BACKPLANE	AUX1

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER		DWG SIZE C2
Lucent Technologies		ISSUE 2M
SD-1S007-01		SHEET G8

CAD 7FA Y

(8 X.25 LINKS, 4 SS7 LINKS AND 16 RS232 PORTS)

(RELEASE R7 AND LATER)

FROM			TO		
UNIT	EQL (VERT/SLOT/PORT)		UNIT	EQL (VERT/SLOT/PORT)	
RCU	RCU BACKPLANE	AUX0	RCU	992F PADDLE BOARD	063-SLOT6-AUX0
RCU	992F PADDLE BOARD	063-SLOT6-AUX1	RCU	992F PADDLE BOARD	063-SLOT10-AUX0
RCU	992F PADDLE BOARD	063-SLOT10-AUX1	RCU	992F PADDLE BOARD	063-SLOT14-AUX0
RCU	992F PADDLE BOARD	063-SLOT14-AUX1	RCU	992F PADDLE BOARD	063-SLOT18-AUX0
RCU	992F PADDLE BOARD	063-SLOT18-AUX1	RCU	992F PADDLE BOARD	063-SLOT22-AUX0
RCU	992F PADDLE BOARD	063-SLOT22-AUX1	RCU	992F PADDLE BOARD	063-SLOT28-AUX0
RCU	992F PADDLE BOARD	063-SLOT28-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS0-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX0
V.35 PANEL	X.25 PADDLE BOARD	033-POS1-AUX1	V.35 PANEL	X.25 PADDLE BOARD	029-POS2-AUX0
V.35 PANEL	X.25 PADDLE BOARD	029-POS2-AUX1	V.35 PANEL	X.25 PADDLE BOARD	033-POS3-AUX0
V.35 PANEL	X.25 PADDLE BOARD	033-POS3-AUX1	V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX0
V.35 PANEL	SS7 PADDLE BOARD	029-POS4-AUX1	V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX0
V.35 PANEL	SS7 PADDLE BOARD	033-POS5-AUX1	NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)
NULL MODEM	NULL MODEM CONN.	(IN LINE OF CABLE)	RCU	RCU BACKPLANE	AUX1

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER		DWG SIZE
		ISSUE
Lucent Technologies	SD-1S007-01	2M 2M SHEET G9

CAD 8 (Z)

X.25 INTRA-CABINET CONTROL CABLING
PROGRAM RELEASE 6

CAB	FROM EQL	CAB	FROM EQL
ACS	011-E5	ACS	029-00-INA0 & INA1
ACS	019-E5	ACS	029-00-INB0 & INB1
ACS	029-00-J7	ACS	063-023
ACS	011-E6	ACS	033-01-INA0 & INA1
ACS	019-E6	ACS	033-01-INB0 & INB1
ACS	033-01-J7	ACS	063-025
ACS	011-E7	ACS	029-02-INA0 & INA1
ACS	019-E7	ACS	029-02-INB0 & INB1
ACS	029-02-J7	ACS	063-027
ACS	011-E8	ACS	033-03-INA0 & INA1
ACS	019-E8	ACS	033-03-INB0 & INB1
ACS	033-03-J7	ACS	063-029

CAD 9 (Z)

V.35 INTRA-CABINET CONTROL CABLING
PROGRAM RELEASE 6

CAB	FROM EQL	CAB	FROM EQL
ACS	011-E9	ACS	029-04-INA0 & INA1
ACS	019-E9	ACS	029-04-INB0 & INB1
ACS	029-04-J7	ACS	063-008
ACS	011-E10	ACS	033-05-INA0 & INA1
ACS	019-E10	ACS	033-05-INB0 & INB1
ACS	033-05-J7	ACS	063-012

CAD 8A (Y)

X.25 INTRA-CABINET CONTROL CABLING FOR R7 AND ABOVE. 8 X.25
LINKS

FROM		TO	
CAB	EQL	CAB	EQL
ACSC	011-E5	ACSC	029-00-INA0 & INA1
	019-E5		029-00-INB0 & INB1
	029-00-J7		063-008
	011-E6		033-01-INA0 & INA1
	019-E6		033-01-INB0 & INB1
	033-01-J7		063-012
	011-E7		029-02-INA0 & INA1
	019-E7		029-02-INB0 & INB1
	029-02-J7		063-016
	011-E8		033-03-INA0 & INA1
	019-E8		033-03-INB0 & INB1
	033-03-J7		063-020

NOTES:

- SEE FIGURE AS 13A FOR GRAPHICAL REPRESENTATION.
- REFER TO ED 1S002-22 FOR ORDERING INFORMATION.
- CABLES FROM THE CC TO THE PADDLEBOARDS ARE "Y" CABLES, WITH "Y" AT PADDLEBOARD END. THEY ORIGINATE IN A SINGLE CONNECTOR AT THE CC END.

CAD 9A (Y)

SS7 INTRA-CABINET CABLING FOR R7 AND ABOVE. 4 SS7 LINKS

FROM		TO	
CABINET	UNIT/EQL	CABINET	UNIT/EQL
ACSC	CC0/011-E9	ACSC	PB/029-04-INA0 & INA1
	CC1/019-E9		PB/029-04-INB0 & INB1
	PB/029-04-J7		RCU/063-024
	CC0/011-E10		PB/033-05-INA- & INA1
	CC1/019-E10		PB/033-05-INB0 & INB1
	PB/033-05-J7		RCU/063-026

NOTES:

- SEE FIGURE AS 13A FOR GRAPHICAL REPRESENTATION.
- REFER TO ED1S015-60 FOR ORDERING INFORMATION.

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
Lucent Technologies	SD-1S007-01	SHEET G10

CAD 10 (Z)

X.25, V.35, SMS, SEAS, SS7 - INTER-CABINET CABLING
(RELEASE R6)

FUNCTION	CAB	FROM EQL	LINK	CAB	TO EQL	NOTE
X.25 SMS0	ACS	029-00-OUT0	1	MC 0	RACK L-01	
X.25 SMS1	ACS	033-01-OUT0	2	MC 0	RACK U-01	
X.25 USER	ACS	029-00-OUT1	3	MC 0	RACK L-02	
X.25 USER	ACS	033-01-OUT1	4	MC 0	RACK U-02	
X.25 SEAS0	ACS	029-02-OUT0	5	MC 0	RACK L-09	
X.25 SEAS1	ACS	033-03-OUT0	6	MC 0	RACK U-09	
X.25 USER	ACS	029-02-OUT1	3	MC 0	RACK L-10	
X.25 USER	ACS	033-03-OUT1	4	MC 0	RACK U-10	
V.35/SS7	ACS	029-04-OUT0	1	MC 0	RACK L-03	1,3
V.35/SS7	ACS	029-05-OUT1	2	MC 0	RACK U-03	1,3
V.35/SS7	ACS	029-04-OUT0	1	MC 0	RACK L-03	2,3
V.35/SS7	ACS	033-05-OUT0	2	MC 0	RACK U-03	2,3
V.35/SS7	ACS	029-04-OUT1	3	MC 0	RACK L-11	3
V.35/SS7	ACS	033-05-OUT1	4	MC 0	RACK U-11	3

NOTE:

1. CONNECTIONS FOR LINKS 1 & 2 WHEN THE SCN IS ONLY CONFIGURED WITH ONE PAIR OF SS7 LINKS.
2. CONNECTIONS FOR LINKS 1 & 2 WHEN THE SCN IS CONFIGURED WITH MORE THAN ONE PAIR OF SS7 LINKS.
3. SEE AS11 AND EQUIPMENT NOTE 305 FOR RECOMMENDED LINK SET AND LINK CODE ASSIGNMENTS THAT PROVIDE FOR THE MOST RELIABILITY.

CAD 11 (Z)

MISCELLANEOUS INTER-CABINET CABLING
(RELEASE R6)

FUNCTION	CAB	FROM EQL	CAB	TO EQL
CONSOLE 0	ACS	011-COM1	ACS	SPLITTER "A" COM
CONSOLE 0	ACS	SPLITTER "A" OUT1	MC 0	RACK U-05
CONSOLE 0	ACS	SPLITTER "A" OUT2		CONSOLE 0
CONSOLE 1	ACS	019-COM1	ACS	SPLITTER "B" COM
CONSOLE 1	ACS	SPLITTER "B" OUT1	MC 0	RACK L-05
CONSOLE 1	ACS	SPLITTER "B" OUT2		CONSOLE 1
EAI	ACS	063-002-EA10	MC 0	RACK U-13
EAI	ACS	063-002-EA11		EAI TERMINAL

CAD 10A (Y)

X.25, V.35, SMS, SEAS, SS7 - INTER-CABINET CABLING
(RELEASE R7 AND LATER)

FUNCTION	CAB	FROM EQL	LINK	CAB	TO EQL	NOTE
X.25 SMS0	ACS	029-00-OUT0	1	AMC 0	RACK	
X.25 SMS1	ACS	033-01-OUT0	2	AMC 0	RACK	
X.25 USER	ACS	029-00-OUT1	3	AMC 0	RACK	
X.25 USER	ACS	033-01-OUT1	4	AMC 0	RACK	
X.25 SEAS0	ACS	029-02-OUT0	5	AMC 0	RACK	
X.25 SEAS1	ACS	033-03-OUT0	6	AMC 0	RACK	
X.25 USER	ACS	029-02-OUT1	3	AMC 0	RACK	
X.25 USER	ACS	033-03-OUT1	4	AMC 0	RACK	
V.35/SS7	ACS	029-04-OUT0	1	AMC 0	RACK	1
V.35/SS7	ACS	029-05-OUT1	2	AMC 0	RACK	1
V.35/SS7	ACS	029-04-OUT0	1	AMC 0	RACK	2
V.35/SS7	ACS	033-05-OUT0	2	AMC 0	RACK	2
V.35/SS7	ACS	029-04-OUT1	3	AMC 0	RACK	
V.35/SS7	ACS	033-05-OUT1	4	AMC 0	RACK	

NOTE:

1. CONNECTIONS FOR LINKS 1 & 2 WHEN THE SCN IS ONLY CONFIGURED WITH ONE PAIR OF SS7 LINKS.
2. CONNECTIONS FOR LINKS 1 & 2 WHEN THE SCN IS CONFIGURED WITH MORE THAN ONE PAIR OF SS7 LINKS.

CAD 11A (Y)

MISCELLANEOUS INTER-CABINET CABLING
(RELEASE R7 AND LATER)

FUNCTION	CAB	FROM EQL	CAB	TO EQL
CONSOLE 0	ACSC	011-COM1	ACSC	SPLITTER "A" COM
CONSOLE 0	ACSC	SPLITTER "A" OUT1	AMC 0	RACK
CONSOLE 0	ACSC	SPLITTER "A" OUT2		CONSOLE 0
CONSOLE 1	ACSC	019-COM1	ACSC	SPLITTER "B" COM
CONSOLE 1	ACSC	SPLITTER "B" OUT1	AMC 0	RACK
CONSOLE 1	ACSC	SPLITTER "B" OUT2		CONSOLE 1
EAI	ACSC	063-002-EA10	AMC 0	RACK
EAI	ACSC	063-002-EA11		EAI TERMINAL

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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

Lucent Technologies

SD-1S007-01

SHEET
G11

CAD 12 Z

MISCELLANEOUS CABINET TO AND FROM OFFICE DISTRIBUTING FRAME CABLES
SCANNER
(SEE NOTE 308)
(RELEASE R6)

USE	FROM MC(0)					TO DF	DESIG	FROM DF	TO	
	EQPT	PT	PIN	COLOR	CABLE*				EQPT	CONN
ALARM ARU AT EQL 060F	01P	01	01	W-BL		LINE L-		1KVA INVERTER	TB3-1	
	01N	20	20	BL-W		LINE L+			TB3-2	
	02P	02	02	W-O		GEN+			TB3-3	
	02N	21	21	O-W		GEN-			TB3-4	
	05P	05	05	W-S		E1		PARADYNE UNIT	E1	
	05N	24	24	S-W		E2		AT EQL 050	E2	
	06P	06	06	R-BL		E1		PARADYNE UNIT	E1	
	06N	25	25	BL-R		E2		AT EQL 040	E2	
	07P	07	07	R-O						
	07N	26	26	O-R						
	08P	08	08	R-G						
	08N	27	27	G-R						
	09P	09	09	R-BR						
	09N	26	26	BR-R						
	10P	10	10	R-S						
	10N	29	29	S-R						
11P	11	11	BK-BL							
11N	30	30	BL-BK							
12P	12	12	BK-O							
12N	31	31	O-BK							
13P	13	13	BK-G							
13N	32	32	G-BK							
14P	14	14	BK-BR							
14N	33	33	BR-BK							
15P	15	15	BK-S							
15N	34	34	S-BK							
16P	16	16	Y-BL							
16N	35	35	BL-Y							

* ED1S014-11,G3 (ED-1S002-35,G17)

NOTE: ED-1S014-11,G3 PROVIDES CABLING BETWEEN THE ARU OF MC(0) AND THE OFFICE DISTRIBUTING FRAME (DF). STUB ENDED CABLE MUST BE CONNECTED TO THE SCP ASSIGNED SCAN POINTS OF THE DF AND RUN BACK TO THE ASSOCIATED SCP EQUIPMENT.

CAD 13 Z

MISCELLANEOUS CABINET TO AND FROM OFFICE DISTRIBUTING FRAME CABLES
SIGNAL DISTRIBUTOR
(SEE NOTE 308)
(RELEASE R6)

USE	FROM MC(0)					TO DF	DESIG	FROM DF	TO	
	EQPT	REL	TERM	PIN	COLOR				CABLE*	EQPT
ALARM ARU AT EQL 060F	K1	C	01	01	W-BL					
		NO	02	02	BL-W					
		NC	03	03	W-O					
	K2	C	04	04	O-W					
		NO	05	05	W-G					
		NC	06	06	G-W					
	K3	C	07	07	W-BR					
		NO	08	08	BR-W					
		NC	09	09	W-S					
	K4	C	10	10	S-W					
		NO	11	11	R-BL					
		NC	12	12	BL-R					
	K5	C	13	13	R-O					
		NO	14	14	O-R					
		NC	15	15	R-G					
	K6	C	16	16	G-R					
		NO	17	17	R-BR					
		NC	18	18	BR-R					
	K7	C	19	19	R-S					
		NO	20	20	S-R					
		NC	21	21	BK-BL					
	K8	C	22	22	BL-BK					
		NO	23	23	BK-O					
		NC	24	24	O-BK					

* ED1S014-11,G2 (ED-1S002-35,G16)

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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

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SHEET
G12

CAD 12A (Y)

ARU SCANNER INPUT CABLING & MISCELLANEOUS
CABINET ALARM CABLING

USE	FROM ACSC CABINET					TO AMCO CABINET		FUNCTION	
	EQPT	CKT	PIN	WIRE COLOR	TO DF	FROM DF	EQPT		VEQL-PORT-PIN
ALARM	ARU	01P	01	W-B1			GPDJ ALARM PANEL	064-P7-100	MAJ
		01N	20	B1-W				064-P7-000	MAJ RTN
		02P	02	W-O				064-P7-101	MIN
		02N	21	O-W			DSU/ MODEM RACK 0 (UPPER)	064-P7-001	MIN RTN
		03P	03	W-G				041-P2-1	MJA0(PWR)
		03N	22	G-W				041-P2-2	MJA0 RTN
		04P	04	W-BR			041-P2-4	MNA0(FAN)	
		04N	23	BR-W			041-P2-5	MNA0 RTN	
		05P	05	W-S			041-P4-1	MJB0(PWR)	
		05N	24	S-W			041-P4-2	MJB0 RTN	
		06P	06	R-BL			041-P4-4	MNB0 (FAN)	
		06N	25	BL-R			041-P4-5	MNB0 RTN	
		07P	07	R-O			DSU/ MODEM RACK 1 (LOWER)	029-P2-1	MJA1 (PWR)
		07N	26	O-R				029-P2-2	MJA1 RTN
		08P	08	R-G				029-P2-4	MNA1 (FAN)
		08N	27	G-R			029-P2-5	MNA1 RTN	
		09P	09	R-BR			029-P4-1	MJB1 (PWR)	
		09N	28	BR-R			029-P4-2	MJB1 RTN	
		10P	10	R-S			029-P4-4	MNB1 (FAN)	
		10N	29	S-R			029-P4-5	MNB1 RTN	
		11P	11	BK-BL					
		11N	30	BL-BK					
		12P	12	BK-O					
		12N	31	O-BK					
		13P	13	BK-G					
		13N	32	G-BK					
		14P	14	BK-BR					
		14N	33	BR-BK					
		15P	15	BK-S					
		15N	34	S-BK					
		16P	16	Y-BL					
		16N	35	BL-Y					

NOTES:

- REFER TO ED1S002-22 FOR SCAN ALARM CABLES ORDERING INFORMATION.
- WIRING TO THE GPDJ ALARM PANEL IS WIRE WRAPPED AT BOTH ENDS.
WIRING TO THE MODEM RACKS IS CONNECTORIZED AT THE MODEM RACK END.

CAD 13A (Y)

ACSC TO AND FROM OFFICE DISTRIBUTING FRAME CABLES
SIGNAL DISTRIBUTOR
(SEE NOTE 308)

USE	EQPT	FROM				CABLE*	TO DF	DESIG	FROM DF	TO		
		REL	TERM	PIN	COLOR					EQPT	CONN	
ALARM	ARU AT EQL 024F	K1	C	01	W-BL							
			NO	02	BL-W							
			NC	03	W-O							
		K2	C	04	O-W							
			NO	05	W-G							
			NC	06	G-W							
		K3	C	07	W-BR							
			NO	08	BR-W							
			NC	09	W-S							
		K4	C	10	S-W							
			NO	11	R-BL							
			NC	12	BL-R							
		K5	C	13	R-O							
			NO	14	O-R							
			NC	15	R-G							
		K6	C	16	G-R							
			NO	17	R-BR							
			NC	18	BR-R							
		K7	C	19	R-S							
			NO	20	S-R							
			NC	21	BK-BL							
		K8	C	22	BL-BK							
			NO	23	BK-O							
			NC	24	O-BK							

* ED1S014-11,G2 (ED-1S002-35,G16)

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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

Lucent Technologies

SD-1S007-01

SHEET
G13

CAD 14 (Z)

MISCELLANEOUS CABINET TO AND FROM OFFICE DISTRIBUTING FRAME CABLES
 XMIT & RCV
 (SEE NOTE 308)
 (RELEASE R6)

USE	FROM		CABLE A25R			TO DISTRIBUTING FRAME
	EQPT	SLOT	PIN	COLOR	DESIG	
RCV R	PARADYNE UNIT	01/09	01	BL-W		
RCV T			26	W-BL		
XMIT R1			02	O-W		
XMIT T1			27	W-O		
RCV R		02/10	03	G-W		
RCV T			28	W-G		
XMIT R1			04	BR-W		
XMIT T1			29	W-BR		
RCV R		03/11	05	S-W		
RCV T			30	W-S		
XMIT R1			06	BL-R		
XMIT T1			31	R-BL		
RCV R		04/12	07	O-R		
RCV T			32	R-O		
XMIT R1			08	G-R		
XMIT T1			33	R-G		
RCV R		05/13	09	BR-R		
RCV T			34	R-BR		
XMIT R1			10	S-R		
XMIT T1			35	R-S		
RCV R		06/14	11	BL-BK		
RCV T			36	BK-BL		
XMIT R1			12	O-BK		
XMIT T1			37	BK-O		
RCV R		7/15	13	G-BK		
RCV T			38	BK-G		
XMIT R1			14	BR-BK		
XMIT T1			39	BK-BR		
RCV R		08/16	15	S-BK		
RCV T			40	BK-S		
XMIT R1			16	BL-Y		
XMIT T1			41	Y-BL		

* ED-1S014-11,G1 (COMCODES FOR THE A25R CABLE ARE DETERMINED BY LENGTH)

CAD 15 (Z)

INTER MC(0) DATA SERVICE UNIT CABLES
 XMIT & RCV
 (RELEASE R6)

TYPE	FROM MC(0)		CABLE ED1S002-35			TO DISTRIBUTING FRAME	
	UNIT	DSU/MODEM	PIN	COLOR	GRP		
RCV R	PARADYNE CARRIER	01/09	1	BL-W	15		
RCV T			26	W-BL			
XMIT R1			2	O-W			
XMIT T1			27	W-O			
RCV R		02/10	3	G-W			
RCV T			28	W-G			
XMIT R1			4	BR-W			
XMIT T1			29	W-BR			
RCV R		03/11	5	S-W			
RCV T			30	W-S			
XMIT R1			6	BL-R			
XMIT T1			31	R-BL			
RCV R		04/12	7	O-R			
RCV T			32	R-O			
XMIT R1			8	G-R			
XMIT T1			33	R-G			

TYPE	FROM MC(0)		CABLE ED1S002-35			TO DISTRIBUTING FRAME	
	UNIT	DSU/MODEM	PIN	COLOR	GRP		
RCV R	PARADYNE CARRIER	05/13	9	BR-R	15		
RCV T			34	R-BR			
XMIT R1			10	S-R			
XMIT T1			35	R-S			
RCV R		06/14	11	BL-BK			
RCV T			36	BK-BL			
XMIT R1			12	O-BK			
XMIT T1			37	BK-O			
RCV R		07/15	13	G-BK			
RCV T			38	BK-G			
XMIT R1			14	BR-BK			
XMIT T1			39	BK-BR			
RCV R		08/16	15	S-BK			
RCV T			40	BK-S			
XMIT R1			16	BL-Y			
XMIT T1			41	Y-BL			

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ADVANCED NETWORK SERVICES
 SERVICE CIRCUIT NODE
 ADVANTAGE CONTROL SERVER

DWG SIZE
C2

ISSUE
2M

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SHEET
G14

CAD 14A Y

MISCELLANEOUS CABINET TO AND FROM OFFICE DISTRIBUTING FRAME CABLES
XMIT & RCV
(SEE NOTE 308)
(RELEASE R7 AND LATER)

USE	FROM		CABLE A25R			TO DISTRIBUTING FRAME
	EQPT	SLOT	PIN	COLOR	DESIG	
RCV R	PARADYNE UNIT		01	BL-W		
RCV T			26	W-BL		
XMIT R1			02	O-W		
XMIT T1			27	W-O		
RCV R			03	G-W		
RCV T			28	W-G		
XMIT R1			04	BR-W		
XMIT T1			29	W-BR		
RCV R			05	S-W		
RCV T			30	W-S		
XMIT R1			06	BL-R		
XMIT T1			31	R-BL		
RCV R			07	O-R		
RCV T			32	R-O		
XMIT R1			08	G-R		
XMIT T1			33	R-G		
RCV R			09	BR-R		
RCV T			34	R-BR		
XMIT R1			10	S-R		
XMIT T1			35	R-S		
RCV R			11	BL-BK		
RCV T			36	BK-BL		
XMIT R1			12	O-BK		
XMIT T1			37	BK-O		
RCV R			13	G-BK		
RCV T			38	BK-G		
XMIT R1			14	BR-BK		
XMIT T1			39	BK-BR		
RCV R			15	S-BK		
RCV T			40	BK-S		
XMIT R1			16	BL-Y		
XMIT T1			41	Y-BL		

* ED-1S014-11,G1 (COMCODES FOR THE A25R CABLE ARE DETERMINED BY LENGTH)

CAD 15A Y

INTER MC(0) DATA SERVICE UNIT CABLES
XMIT & RCV
(RELEASE R7 AND LATER)

TYPE	FROM MC(0)		CABLE ED1S002-35			TO DISTRIBUTING FRAME
	UNIT	DSU/MODEM	PIN	COLOR	GRP	
RCV R	PARADYNE CARRIER		1	BL-W	15	
RCV T			26	W-BL		
XMIT R1			2	O-W		
XMIT T1			27	W-O		
RCV R			3	G-W		
RCV T			28	W-G		
XMIT R1			4	BR-W		
XMIT T1			29	W-BR		
RCV R			5	S-W		
RCV T			30	W-S		
XMIT R1			6	BL-R		
XMIT T1			31	R-BL		
RCV R			7	O-R		
RCV T			32	R-O		
XMIT R1			8	G-R		
XMIT T1			33	R-G		

TYPE	FROM MC(0)		CABLE ED1S002-35			TO DISTRIBUTING FRAME
	UNIT	DSU/MODEM	PIN	COLOR	GRP	
RCV R	PARADYNE CARRIER		9	BR-R	15	
RCV T			34	R-BR		
XMIT R1			10	S-R		
XMIT T1			35	R-S		
RCV R			11	BL-BK		
RCV T			36	BK-BL		
XMIT R1			12	O-BK		
XMIT T1			37	BK-O		
RCV R			13	G-BK		
RCV T			38	BK-G		
XMIT R1			14	BR-BK		
XMIT T1			39	BK-BR		
RCV R			15	S-BK		
RCV T			40	BK-S		
XMIT R1			16	BL-Y		
XMIT T1			41	Y-BL		

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ADVANCED NETWORK SERVICES
SERVICE CIRCUIT NODE
ADVANTAGE CONTROL SERVER

DWG SIZE	ISSUE
C2	2M

Lucent Technologies

SD-1S007-01

SHEET
G15

CAD 16

INTRA-CABINET, REMOTE POWER SENSING

SIDE	FROM		TO	
	UNIT	POSITION	UNIT	POSITION
0	MU0	J19-0	RCU	PD02, PIN A1
	MU1	J19-0	RCU	PD04, PIN A1
1	MU0	J19-1	RCU	PD03, PIN A1
	MU1	J19-1	RCU	PD05, PIN A1

CAD 17

HEART BEAT

FROM	TO
RCU 063-J02	CC0 011-COM2-SIDEA
RCU 063-J03	CC1 019-COM2-SIDEA

CAD 18 (Z)

ETHERNET BACKBONE
(RELEASE R6)

FROM	TO
CC0-E2-EN2	CC1-E2-EN2

CAD 18A (Y)

ETHERNET BACKBONE
(RELEASE R7 AND LATER)

FROM	TO
CC0-E1-EN2	CC1-E1-EN2

CAD 19 (Z)

ENET
(RELEASE R6)

SIDE	FROM		TO	
	UNIT	POSITION	UNIT	POSITION
0	CC0	E02-EN1	Y CABLE	E02-EN1
	Y CABLE	E02-EN1	Y CABLE	EN1A
	Y CABLE	E02-EN1	Y CABLE	EN1B
	Y CABLE	EN1A	TRANSCEIVER	BUS0A
	TRANSCEIVER	BUS0A	TEE ADAPTER	B
	TEE ADAPTER	B	TEE ADAPTER	A
	TEE ADAPTER	B	CSCC 0	0
	Y CABLE	EN1B	TRANSCEIVER	BUS1A
	TRANSCEIVER	BUS1A	TEE ADAPTER	C
	TEE ADAPTER	C	TEE ADAPTER	D
TEE ADAPTER	C	TERMINATOR	1	
1	CC1	E02-EN1	Y CABLE	E02-EN1
	Y CABLE	E02-EN1	Y CABLE	EN2A
	Y CABLE	E02-EN1	Y CABLE	EN2B
	Y CABLE	EN2A	TRANSCEIVER	BUS0B
	TRANSCEIVER	BUS0B	TEE ADAPTER	A
	TEE ADAPTER	A	TEE ADAPTER	B
	TEE ADAPTER	A	TERMINATOR	0
	Y CABLE	EN2B	TRANSCEIVER	BUS1B
	TRANSCEIVER	BUS1B	TEE ADAPTER	D
	TEE ADAPTER	D	TEE ADAPTER	C
TEE ADAPTER	D	CSCC 1	1	

CAD 20

SCSI COM

FROM	TO
MU0 J21-0	RCU 063-J04
MU0 J21-1	RCU 063-J05
MU0 J21-0	RCU 063-J07
MU0 J21-1	RCU 063-J09

CAD 21

ASYNCR CABLING FROM THE CC
TO THE RS232 DISTRIBUTION MODULE

FROM	TO
CONTROL COMPUTER	RS232 DISTRIBUTION MODULE
011-E4-PORT 0	DM-00
019-E4-PORT 0	DM-10
011-E4-PORT 1	DM-01
019-E4-PORT 1	DM-11

CAD 19A (Y)

ENET
(RELEASE R7 AND LATER)

SIDE	FROM		TO	
	UNIT	POSITION	UNIT	POSITION
0	CC0	E02-EN1	ATSCO-HUB0	53 - PORT 1
	CC0	E03-EN1	ATSCO-HUB1	56 - PORT 1
1	CC1	E02-EN1	ATSCO-HUB0	53 - PORT 2
	CC1	E03-EN1	ATSCO-HUB1	56 - PORT 2

CAD 22

TELECOM SERVER HEARTBEAT CABLING.

FROM		TO	
UNIT	POSITION	UNIT	POSITION
RCU BACK-PLANE	063-011-J11	TS0	ATSC0-011-COM2 (SIDE A)
	063-013-J13	TS1	ATSC0-020-COM2 (SIDE A)
	063-015-J15	TS2	ATSC0-029-COM2 (SIDE A)
	063-017-J17	TS3	ATSC0-038-COM2 (SIDE A)
	063-019-J19	TS4	ATSC0-047-COM2 (SIDE A)
	063-021-J21	TS5	ATSC1-011-COM2 (SIDE A)
	063-023-J23	TS6	ATSC1-020-COM2 (SIDE A)
	063-025-J25	TS7	ATSC1-029-COM2 (SIDE A)
	063-027-J27	TS8	ATSC1-038-COM2 (SIDE A)
	063-029-J29	TS9	ATSC1-047-COM2 (SIDE A)

NOTE: FOR ORDERING INFORMATION REFER TO ED1S018-60

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ADVANCED NETWORK SERVICES SERVICE CIRCUIT NODE ADVANTAGE CONTROL SERVER	DWG SIZE	ISSUE
	C2	2M
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