

ENGINEERING NOTES

51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH LUCENT TECHNOLOGIES PRACTICES - NONE.
52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
53. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATES HORIZONTALLY LINED OUT INFORMATION.
54. WHEN ORDERING CABINET ADDRESS LABELS SPECIFIC STAMPING INFORMATION MUST BE SPECIFIED PER ED1S001-11 TABLE AA PER JOB SPECIFICATIONS.
55. FOR POWER FEEDER WIRING SEE ED5A079-30.
56. EQUIPMENT SPARING REQUIREMENTS ARE TO BE DETERMINED FOR EACH INSTALLATION DEPENDANT ON THE LEVEL OF RELIABILITY AND REDUNDANCY DESIRED BY THE CUSTOMER. RECOMMENDED SPARES FOR NORMAL SYSTEM RELIABILITY IS LISTED IN TABLE "RS" ALTHOUGH ANY ITEM IN THIS DRAWING MAY BE SPARED, IN ANY QUANTITY, AT THE CUSTOMERS DISCRETION. ITEMS ORDERED AS "SPARES" ARE TO BE IDENTIFIED AS SUCH ON THE ORDER SO THEY WILL BE PACKED SEPARATELY AND SHIPPED LOOSE, NOT INSTALLED AS PART OF THE CABINET.
57. THIS CABINET CAN BE EQUIPPED WITH OPTIONAL PARADYNE MODEM RACKS. THE CABINET CAN BE EQUIPPED WITH A MINIMUM OF 0 AND A MAXIMUM OF 3 MODEM RACKS. EACH RACK MAY BE EQUIPPED WITH A MINIMUM OF 0 AND A MAXIMUM OF 16 PARADYNE MODEMS. THE MODEMS MAY BE EITHER SYNCHRONOUS OR ASYNCHRONOUS AND MAY BE MIXED IN THE SAME RACK. AN OPTIONAL NETWORK INTERFACE MODULE (NIM) IS ALSO AVAILABLE TO ALLOW DDD PERMISSIVE DIAL UP ACCESS TO THE MODEMS. THE CUSTOMER MAY ALSO OPT TO PROVIDE THEIR OWN MODEMS. IN THIS CASE, NO MODEMS OR RACKS SHOULD BE ORDERED FROM THIS DRAWING AND MODEM ACCESS IS TO BE CUSTOMER ENGINEERED.
58. THE -48V POWER MODULES IN THE MODEM RACK MUST BE SET FOR REDUNDANT MODE OF OPERATION. SEE MANUFACTURING NOTES 19 AND 20 AND FIGURE C. IN THIS MODE OF OPERATION BOTH POWER MODULES SHARE THE LOAD, THAT IS, BOTH MODULES SUPPLY POWER TO ALL SLOTS IN THE CARRIER. IF ONE MODULE FAILS, THE REMAINING MODULE ASSUMES THE FULL LOAD OF THE RACK.
60. THE CONTROL SERVER CABINET DIMENSIONS ARE AS FOLLOWS:
 LENGTH - 762MM (30 IN)
 WIDTH - 600MM (23.6 IN)
 HEIGHT - 1829MM (72 IN)
 416MM (16.4 IN) IS REQUIRED FOR DOOR CLEARANCE FRONT AND REAR.
 WEIGHT - 1362KG (300 LBS) MAXIMUM GROWTH - 4082KG (900 LBS).
61. IF THIS CABINET IS NOT EQUIPPED WITH A POWER DISTRIBUTION UNIT AND GROUP 20, 20A, 20B OR 20C MODEM RACKS ARE SPECIFIED, THE LINE ENGINEER MUST PROVIDE A METHOD OF EQUIPPING -48VDC POWER TO THE MODEM RACKS.
62. THE PARADYNE MODEMS, DSU'S, ETC. SPECIFIED IN THE STOCKLIST ARE FOR U.S. DOMESTIC AND CANADIAN APPLICATIONS. FOR INTERNATIONAL APPLICATIONS CONTACT THE PARADYNE REPRESENTATIVE FOR SPECIFIC COUNTRY OR SIGNALING PROTOCOL COMPATIBLE EQUIPMENT.
 MIKE SCHOONOVER - MSCHOONOVER@PARADYNE.COM
 PHONE (606) 525-6564
 FAX. (606) 525-8265
 PAGER (888) 687-2548
63. SEE ED1S017-10 FOR METHOD OF WIRING.
 ----- CONTINUED ON NEXT SHEET -----

ISSUE NOTES (CONTINUED)

H8361 - IN ENG NOTE 65 REF TO GROUPS "600 THRU 640" ADDED, NOTES 66, 67, 68 & 69 ADDED; IN TABLE A GROUPS 10A, 20C, 50, 60, 65, 70 75 & AA REF TO GROUPS "600 - 640" ADDED, GROUPS 200 & 205 REF TO "530" ADDED, GROUPS 600 - 640 AND REF TO ADDED, ALL ACTIVE GROUPS IDENTIFIED AS MAIN LIST "ML" OR SUPPLEMENTARY LIST "SL"; STOCKLIST ITEMS 3000 - 3280 ADDED.
 PFISS - IN TABLE JJ 25 AMP FUSE "INDIV/SINGULAR COMCODE" REMOVED.
 ORIG ISS: 08/16/96 NDD NBR: NDD1S019-10 CHANGE CLASS: B
 DRAFT: TMR ENGR: TMR SUPV: RKP CERTIFIED: 06/18/98 ISSUE: 8

ISSUE NOTES

ORIG ISS: 08/16/96 CHANGE CLASS:
 DRAFT: TMR ENGR: TMR SUPV: FNG CERTIFIED: 08/16/96 ISSUE: 1

H7905 - SL ITEMS 1305,1308,1311 ADDED; SL ITEMS 1300,1312,1315 MODIFIED; NOTES 200,201 ADDED; MISC TABLE TC ADDED; MISC TABLE RS MODIFIED; DRAWING TITLE MODIFIED; SHEET B1 MODIFIED.
 ORIG ISS: 08/16/96 NDD NBR: NDD1S019NW-1 CHANGE CLASS: ME
 DRAFT: TMR ENGR: TMR SUPV: FNG CERTIFIED: 10/09/96 ISSUE: 2

NOTE 56 MODIFIED TO ADD LAST SENTANCE, NOTE 62 ADDED; IN TABLE A DESCRIPTION OF GROUPS 2, 3, 4, 5, 10, 20, 21, 25, 30, 35 & 40 CHANGED TO SHOW INTERGROUP DEPENDANCIES; TABLE "RS" MODIFIED.
 ORIG ISS: 08/16/96 CHANGE CLASS: ME
 DRAFT: TMR ENGR: TMR SUPV: FNG CERTIFIED: 10/21/96 ISSUE: 3

H8071 - GROUP 20 RERATED TO "DA" GROUP 20A AND REF TO ADDED, NOTES 57, 61 & 21 AND TABLE TC MODIFIED TO ALLOW A THIRD MODEM RACK; MISC ADDITIONAL CHANGES MADE PER POINT ISSUES.
 ORIG ISS: 08/16/96 NDD NBR: NDD1S019NW-2 CHANGE CLASS: B
 DRAFT: TMR ENGR: TMR SUPV: RKP CERTIFIED: 03/17/97 ISSUE: 4

H8152 - IN NOTE 61 REF TO G20B ADDED, NOTE 62 REMVD; GROUPS 2, 3, 4, 5, 20A, 21 & 25 RATED "DA", GROUPS 2A AND 20B ADDED TO CONFORM WITH "CHEETAH" INITIATIVES, GROUPS 30, 35 & 40 REF TO G20B ADDED, STOCKLIST CHANGED ACCORDINGLY; NOTE 18 AND SHEET B5, SK. B MODIFIED TO ADD A FIFTH TOWEL BAR. MISC. CHANGES MADE PER POINT ISSUE.
 ORIG ISS: 08/16/96 NDD NBR: NDD1S019NW-3 CHANGE CLASS: B
 DRAFT: TMR ENGR: TMR SUPV: RKP CERTIFIED: 06/10/97 ISSUE: 5

H8174 - NOTE 63 ADDED; IN TABLE A, GROUP 2A, DESCRIPTION, ALL INFO AFTER "INCLUDES" ADDED, GROUPS 6, 7 & 50 ADDED; NOTE 23 AND REF TO ADDED; IN STOCKLIST, ITEMS 1095, 1097, 1240, 1250 AND 1600 THROUGH 1750 ADDED; IN TABLE TC, "GROUND" ADDED TO HEADING AND LAST TWO ITEMS ADDED TO TABLE.
 PFISS - NOTE 25 ADDED; STOCKLIST ITEMS 1145, 1146, 1290 & 1325 ADDED; ITEM 1313 NOTE "*" ADDED, ITEM 1600 PROD ID READ "407608660" ITEMS 1095, 1097, 1240 & 1250 REF TO FLOOR TYPE ADDED; TABLE TC1 ADDED; SHEET B7 ADDED.
 ORIG ISS: 08/16/96 NDD NBR: NDD1S019NW-4 CHANGE CLASS: B
 DRAFT: TMR ENGR: TMR SUPV: RKP CERTIFIED: 08/11/97 ISSUE: 6

H8351 - ENG NOTE 65 ADDED; GROUPS 10, 20B & 40 RATED "DA", GROUPS 10A, 12, 14, 20C, 40A, 60, 65, 70, 75, 200, 205, 500, 510, 520, 530 AND REF TO ADDED; SL ITEMS 1292, 1780, 1790, 1795, 1800 & 1810 ADDED.
 AIRFILT - ENG NOTE 64 & MFG NOTE 26 ADDED; GROUP AA & REF TO ADDED; SL ITEM 2000 ADDED.
 PFISS - GROUP 2A DESCR. READ "IN ADDITION TO GROUP 1", GROUPS 6 & 7 DESCR. READ "IN ADDITION TO GROUP 2A"; IN SL, ITEMS 1313 & 1425 LINED OUT ITEMS 1314 & 1426 ADDED, ITEMS 1450 & 1455 QTY READ "1" ITEMS 1630 & 1640 REMVD; MISC TBLS CHGD ACCORDINGLY; SHTS B7 MODIFIED & B8 ADDED.
 ORIG ISS: 08/16/96 NDD NBR: NDD1S015NW-10 CHANGE CLASS: B
 DRAFT: TMR ENGR: TMR SUPV: RKP CERTIFIED: 04/29/98 ISSUE: 7

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BT13

ADVANCED NETWORK SERVICES
 SPECIFICATION FOR
 SERVICE NODE AND
 SERVICE CONTROL POINT
 ADVANTAGE MISCELLANEOUS CABINET

DWG SIZE C2

ISSUE 8

LUCENT TECHNOLOGIES INC ED1S019-10

SHEET A1 OF 16

TABLE A-FEATURES

EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
FRAMEWORK, ASSEMBLY, WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE MISCELLANEOUS CABINET. ML	54		1	1	ED5D785-70	1A, 3B					
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE CABINET INDICATOR STRIPS FRONT AND REAR - BLANK DA EFF:06/10/97 FE:ED1S019-10,G2A		DA	2	1	ED5D785-70	3D					
EQUIPMENT ALWAYS REQUIRED TO PROVIDE COMMON CABINET HARDWARE INCLUDES DOORS, INDICATOR STRIPS JUNCTIONING AND ANCHORING HARDWARE FOR EARTHQUAKE ZONES 0 AND 1. REPL:ED1S019-10,G2 ML			2A	1	ED5D785-70	2B, 3D					
EQUIPMENT ALWAYS REQUIRED TO PROVIDE COMMON CABINET HARDWARE INCLUDES DOORS, INDICATOR STRIPS JUNCTIONING AND ANCHORING HARDWARE FOR EARTHQUAKE ZONES 0 AND 1. REPL:ED1S019-10,G2 ML			2A	1	ED5D511-31	1					
EQUIPMENT ALWAYS REQUIRED TO PROVIDE COMMON CABINET HARDWARE INCLUDES DOORS, INDICATOR STRIPS JUNCTIONING AND ANCHORING HARDWARE FOR EARTHQUAKE ZONES 0 AND 1. REPL:ED1S019-10,G2 ML			2A	1	ED4A306-70	24					
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE A CABINET DOOR ASSEMBLY KIT FOR EMC APPLICATIONS. DA EFF:06/10/97 FE:ED1S019-10,G2A		DA	3	1	ED5D785-70	2B					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE A NON-UNITIZED JUNCTION KIT FOR EMC APPLICATIONS. (FIELD) DA EFF:06/10/97 FE:ED1S019-10,G2A		DA	4	1	J5D055A-1	64					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE A UNITIZED JUNCTION KIT FOR EMC APPLICATIONS. (FACTORY) DA EFF:06/10/97 FE/RA:NONE		DA	5	1	J5D055A-1	63					
EQUIPMENT REQUIRED TO PROVIDE ANCHORING HARDWARE FOR A RAISED FLOOR IN EARTHQUAKE ZONES 2, 3 OR 4. ML			6	1	ED4A306-70	25					
EQUIPMENT REQUIRED TO PROVIDE ANCHORING HARDWARE FOR A SLAB FLOOR IN EARTHQUAKE ZONES 2, 3 OR 4. ML			7	1	ED5D511-31	11					
EQUIPMENT APPARATUS AND WIRING REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE ONE -48VDC POWER DISTRIBUTION PANEL AND ALARM PANEL. FE:ED1S019-10,G10A DA EFF:04/29/98		DA	10	1	ED83133-30	1,4					
EQUIPMENT APPARATUS AND WIRING REQUIRED IN ADDITION TO GROUP 1, 600, 610, 620, 630 OR 640 TO PROVIDE ONE -48VDC POWER DISTRIBUTION PANEL AND ALARM PANEL. REPL:ED1S019-10,G10 SL			10A	1	ED83133-30	1,4					
WIRING REQUIRED IN ADDITION TO GROUP 10A TO PROVIDE ALARM CABLING TO THE OFFICE DISTRIBUTING FRAME. (450 FOOT LENGTH) SL			12								
WIRING REQUIRED IN ADDITION TO GROUP 10A TO PROVIDE ALARM CABLING TO THE OFFICE DISTRIBUTING FRAME. (200 FOOT LENGTH) SL			14								
EQUIPMENT, APPARATUS AND WIRING REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE ONE -48VDC MODEM CARRIER UNIT. DA EFF:03/17/97 FE:ED1S019-10,G20A		DA	20								

TABLE-A CONTINUED

ENGINEERING NOTES

***** CONTINUED *****

64. THE MODEM CARRIER UNIT AIR FILTER PROVIDED BY GROUP AA IS OPTIONAL AND IS TO BE PROVIDED ONLY PER CUSTOMER REQUEST. WHEN SPECIFIED, IT IS TO BE PROVIDED ONLY ON THE LOWERMOST CARRIER UNIT.
65. THE BELOW LISTED GROUPS ARE MUTUALLY EXCLUSIVE.
- 20B AND 500
 - 20C AND 500
 - 30 AND 510
 - 35 AND 520
 - 50 AND 530
 - 200 AND 205
 - 600 THRU 640
66. THE LINE ENGINEER MUST PROVIDE ADDITIONAL CABLING WHEN SPECIFYING THIS GROUP. SPECIFY THE POWER ALARM CABLE LENGTH NEEDED TO REACH THE DISTRIBUTION FRAME FROM GROUP 12 OR 14.
67. THE LINE ENGINEER MUST ALSO SPECIFY THE LENGTH OF THE CABLES NEEDED TO REACH THE DISTRIBUTION FRAME FOR THE THE GPDU ALARM(1 OF G12 OR G14), MODEM RACK SIGNAL CABLES(2 OF G60 OR G65), MODEM RACK ALARM CABLES(2 OF G70 OR G75), AND NIM MODULE CABLES(2 OF G60 OR G65).
68. THE LINE ENGINEER MUST ALSO SPECIFY THE CABLE LENGTHS REQUIRED FOR THE GPDU ALARM(1 OF G12 OR G14), MODEM RACK SIGNAL CABLES (4 OF G60 OR G65), MODEM RACK ALARM CABLES(2 OF G70 OR G75), AND NIM MODULE CABLES(2 OF G60 OR G65).
69. THE LINE ENGINEER MUST ALSO SPECIFY THE LENGTH OF THE CABLES NEEDED TO REACH THE DISTRIBUTING FRAME FOR THE GPDU ALARM CABLES (1 OF G12 OR G14), MODEM RACK SIGNAL CABLES(6 OF G60 OR G65), MODEM RACK ALARM CABLES(3 OF G70 OR G75), AND NIM MODULE CABLES (2 OF G60 OR G65).

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SPECIFICATION FOR
SERVICE NODE AND
SERVICE CONTROL POINT
ADVANTAGE MISCELLANEOUS CABINET

DWG SIZE C2
ISSUE 8

ED1S019-10

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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT			
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
EQUIPMENT, APPARATUS AND WIRING REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE ONE -48VDC MODEM CARRIER UNIT. REPL:ED1S019-10,G20 DA EFF:06/10/97 FE:ED1S019-10,G20B		DA	20A									
EQUIPMENT, APPARATUS AND WIRING REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE ONE -48VDC MODEM CARRIER UNIT, INCLUDES 2ND -48VDC POWER MODULE AND SHARED FRONT PANEL. REPL:ED1S019-10,G20A FE:ED1S019-10,G20C DA EFF:04/29/98	62	DA	20B									
EQUIPMENT, APPARATUS AND WIRING REQUIRED IN ADDITION TO GROUP 1, 600, 610, 620, 630 OR 640 TO PROVIDE ONE -48VDC MODEM CARRIER UNIT, INCLUDES 2ND -48VDC POWER MODULE AND SHARED FRONT PANEL. REPL:ED1S019-10,G20B	62		20C									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20 OR 20A TO PROVIDE ONE -48VDC POWER MODULE. DA EFF:06/10/97 FE:ED1S019-10,G20B		DA	21									
EQUIPMENT, APPARATUS AND WIRING REQUIRED IN ADDITION TO GROUP 20 OR 20A TO PROVIDE ONE MODEM CARRIER UNIT SHARED FRONT PANEL. DA EFF:06/10/97 FE:ED1S019-10,G20B		DA	25									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20 - 20C TO PROVIDE ONE SYNCHRONOUS MODEM.	62		30									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20 - 20C TO PROVIDE ONE ASYNCHRONOUS MODEM.	62		35									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20 - 20C TO PROVIDE ONE DDD NETWORK INTERFACE MODULE (PERMISSIVE) WITH CABLE TO ALLOW DIAL IN CAPABILITIES. FE:ED1S019-10,L40A DA EFF:04/29/98	62	DA	40									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20 - 20C TO PROVIDE ONE DDD NETWORK INTERFACE MODULE (PERMISSIVE) TO ALLOW DIAL IN CAPABILITIES.	62		40A									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1, 600, 610, 620, 630 OR 640 TO PROVIDE ONE -48VDC TO 110VAC INVERTER EQUIPPED WITH A STATIC TRANSFER SWITCH FOR EMERGENCY OR PROTECTED AC APPLICATIONS.	63		50									
WIRING REQUIRED IN ADDITION TO GROUP 20C, 40A, 500, 600, 610, 620, 630 OR 640 TO PROVIDE DATA INTERFACE CABLING FROM THE MODEM RACK OR NIM MODULE TO THE DISTRIBUTING FRAME. (460 FOOT LENGTH)			60									
WIRING REQUIRED IN ADDITION TO GROUP 20C, 40A, 500, 600, 610, 620, 630 OR 640 TO PROVIDE DATA INTERFACE CABLING FROM THE MODEM RACK OR NIM MODULE TO THE DISTRIBUTING FRAME. (200 FOOT LENGTH)			65									
WIRING REQUIRED IN ADDITION TO GROUP 20C, 500, 600, 610, 620, 630 OR 640 TO PROVIDE ALARM CABLING FROM THE MODEM RACK TO THE DISTRIBUTING FRAME. (450 FOOT LENGTH)			70									
TABLE-A CONTINUED												

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT			
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
WIRING REQUIRED IN ADDITION TO GROUP 20C, 500, 600, 610, 620, 630 OR 640 TO PROVIDE ALARM CABLING FROM THE MODEM RACK TO THE DISTRIBUTING FRAME. (200 FOOT LENGTH)	SL		75									
LABEL REQUIRED IN ADDITION TO GROUP 50 OR 530 FOR ALL CABINETS EXCEPT THOSE INSTALLED IN THE CANADIAN PROVINCE OF QUEBEC.	65		200									
LABEL REQUIRED IN ADDITION TO GROUP 50 OR 530 FOR CABINETS INSTALLED IN THE CANADIAN PROVINCE OF QUEBEC.	65		205									
EQUIPMENT, APPARATUS AND WIRING REQUIRED TO PROVIDE ONE GROWTH -48VDC MODEM CARRIER UNIT, INCLUDES 2ND -48VDC POWER MODULE AND SHARED FRONT PANEL.	62		500									
EQUIPMENT REQUIRED TO PROVIDE ONE GROWTH SYNCHRONOUS MODEM.	62		510									
EQUIPMENT REQUIRED TO PROVIDE ONE GROWTH ASYNCHRONOUS MODEM.	62		520									
EQUIPMENT REQUIRED TO PROVIDE ONE -48VDC TO 110VAC INVERTER EQUIPPED WITH A STATIC TRANSFER SWITCH FOR EMERGENCY OR PROTECTED AC GROWTH APPLICATIONS. (ONE PER CABINET)	63		530									
FRAMEWORK ASSEMBLY WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE MISCELLANEOUS CABINET EQUIPPED WITH ONE -48VDC POWER DISTRIBUTION PANEL AND ALARM PANEL.	66		600	1 1 1	ED1S019-10	1, 2A 10A						
FRAMEWORK ASSEMBLY WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE MISCELLANEOUS CABINET EQUIPPED WITH ONE -48VDC POWER DISTRIBUTION PANEL AND ALARM PANEL, ONE -48VDC MODEM CARRIER UNIT, TEN SYNCHRONOUS MODEMS, SIX ASYNCHRONOUS MODEMS, TWO NETWORK INTERFACE MODULES AND AIR FILTER	67		610	1 1 1 1 10 6 2 1	ED1S019-10	1, 2A, 10A, 20C, 30, 35, 40A, AA.						
FRAMEWORK ASSEMBLY WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE MISCELLANEOUS CABINET EQUIPPED WITH ONE -48VDC POWER DISTRIBUTION PANEL AND ALARM PANEL, TWO -48VDC MODEM CARRIER UNITS, TWENTY-SIX SYNCHRONOUS MODEMS, SIX ASYNCHRONOUS MODEMS, TWO NETWORK INTERFACE MODULES AND AIR FILTER.	68		620	1 1 1 2 26 6 2 1	ED1S019-10	1, 2A, 10A, 20C, 30, 35, 40A, AA.						
TABLE-A CONTINUED												

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ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT ADVANTAGE MISCELLANEOUS CABINET	
DWG SIZE C2	ISSUE 8
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TABLE A-FEATURES (CONTINUED)

EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
FRAMEWORK ASSEMBLY WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE MISCELLANEOUS CABINET EQUIPPED WITH ONE -48VDC POWER DISTRIBUTION PANEL AND ALARM PANEL, THREE -48VDC MODEM CARRIER UNITS, FORTY-TWO SYNCHRONOUS MODEMS, SIX ASYNCHRONOUS MODEMS, TWO NETWORK INTERFACE MODULES AND AIR FILTER ML	69		630	1 1 1 3 42 6 2 1	ED1S019-10	1, 2A, 10A, 20C, 30, 35, 40A, AA					
FRAMEWORK ASSEMBLY WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE MISCELLANEOUS CABINET EQUIPPED WITH ONE -48VDC POWER DISTRIBUTION PANEL AND ALARM PANEL, TWO -48VDC MODEM CARRIER UNITS, TWELVE SYNCHRONOUS MODEMS, TEN ASYNCHRONOUS MODEMS, TWO NETWORK INTERFACE MODULES AND AIR FILTER. ML	68		640	1 1 1 2 12 10 2 1	ED1S019-10	1, 2A, 10A, 20C, 30, 35, 40A, AA.					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20B, 20C, 600, 610, 620, 630 OR 640 TO PROVIDE ONE OPTIONAL CARRIER UNIT AIR FILTER (PROVIDE ON LOWERMOST UNIT ONLY) (MAX. ONE PER CABINET) SL			AA								

END OF TABLE-A

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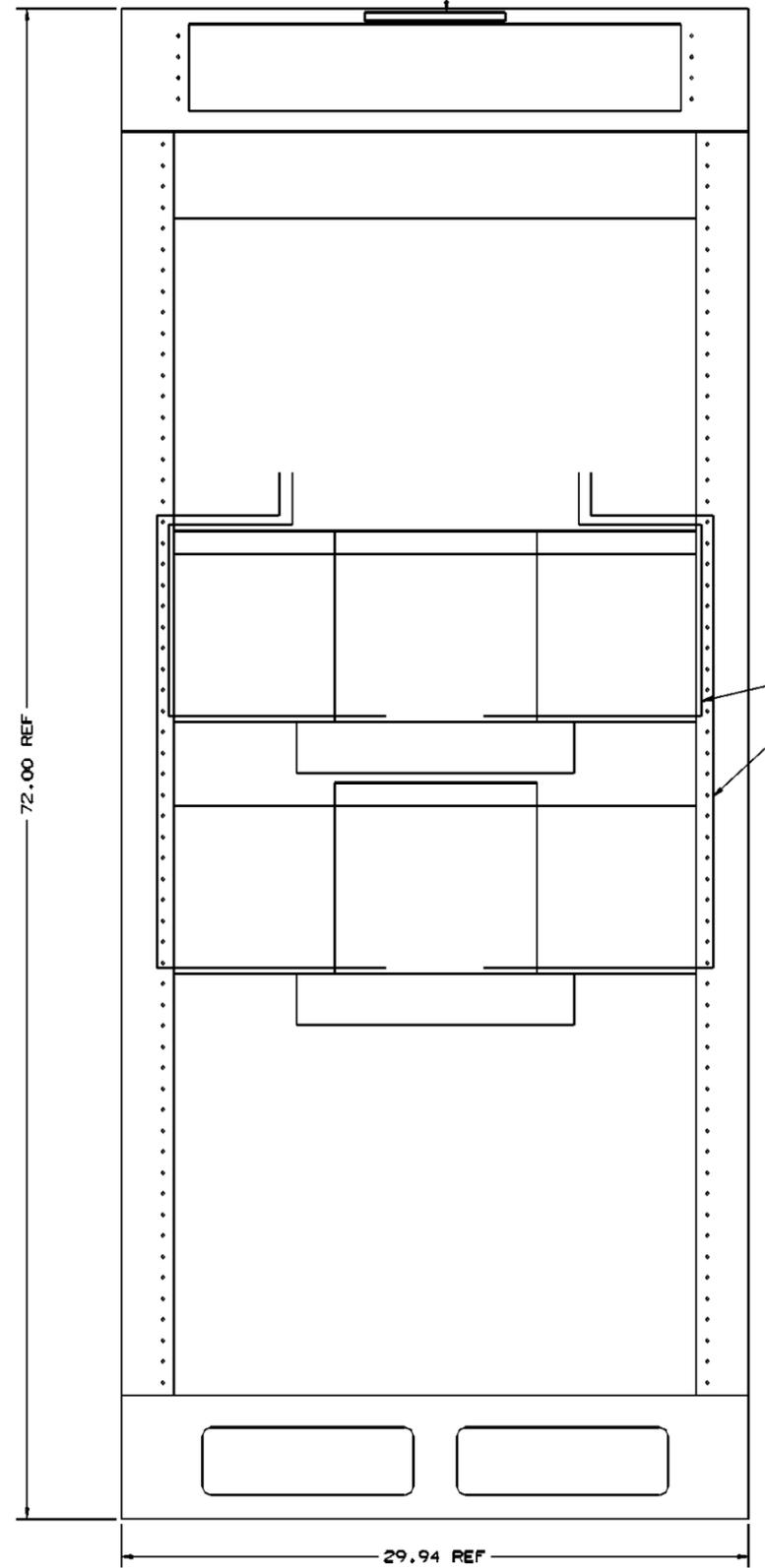
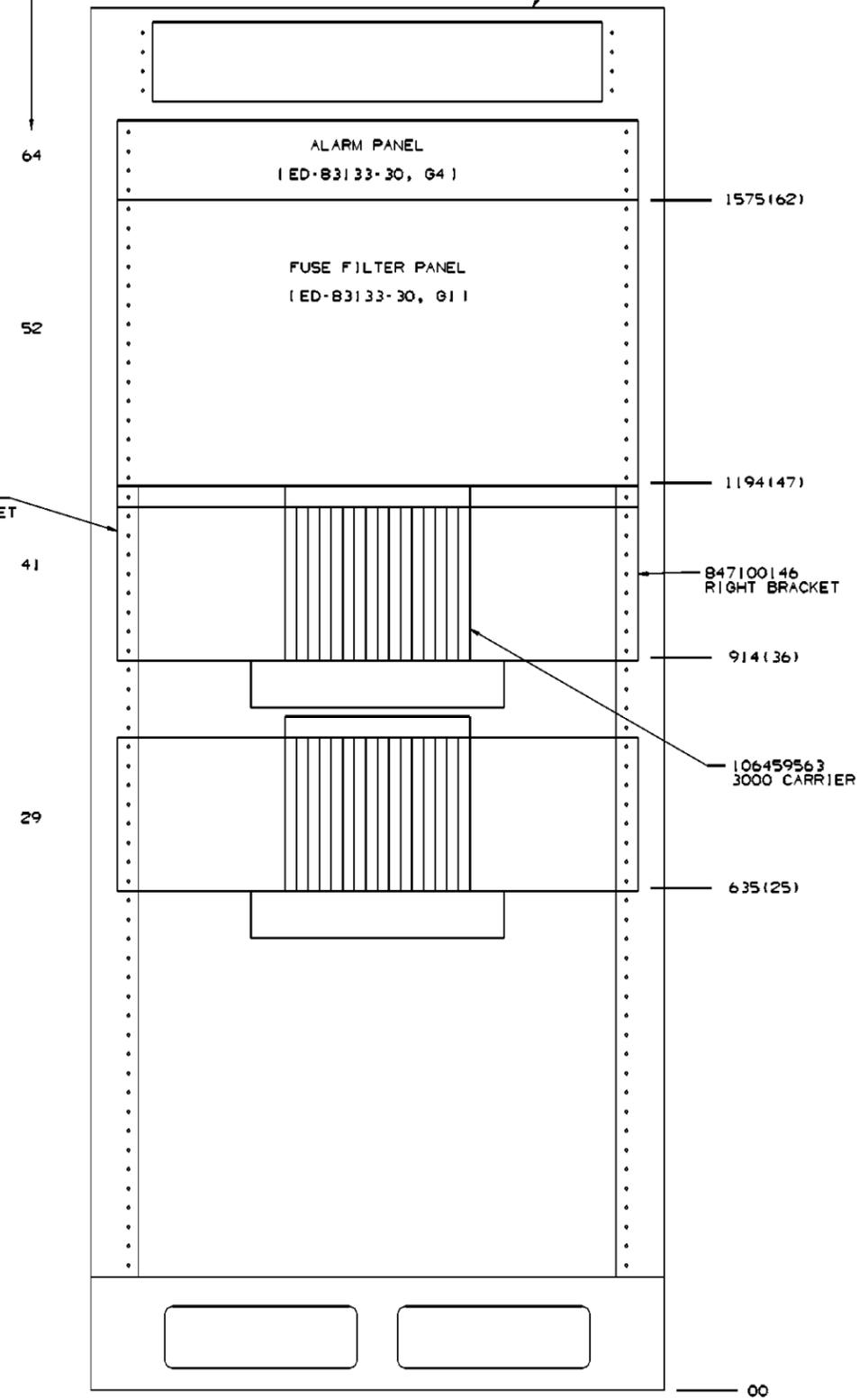
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STAMP VERTICAL EOL
FRONT AND REAR

ED5D785-1) CABINET

901249177
LABEL DESIGNATION
(SEE NOTE 17)



847100260
LEFT BRACKET

847100146
RIGHT BRACKET

847823481
CA ASSY

106459563
3000 CARRIER

FRONT VIEW

(REAR VIEW)

FIG. 1 (DA)

SHOWN WITHOUT
DOORS & SIDE PANELS
ED5D7 - () SE-2000 CABINET

COIX 3-17-97

EDIS019-10

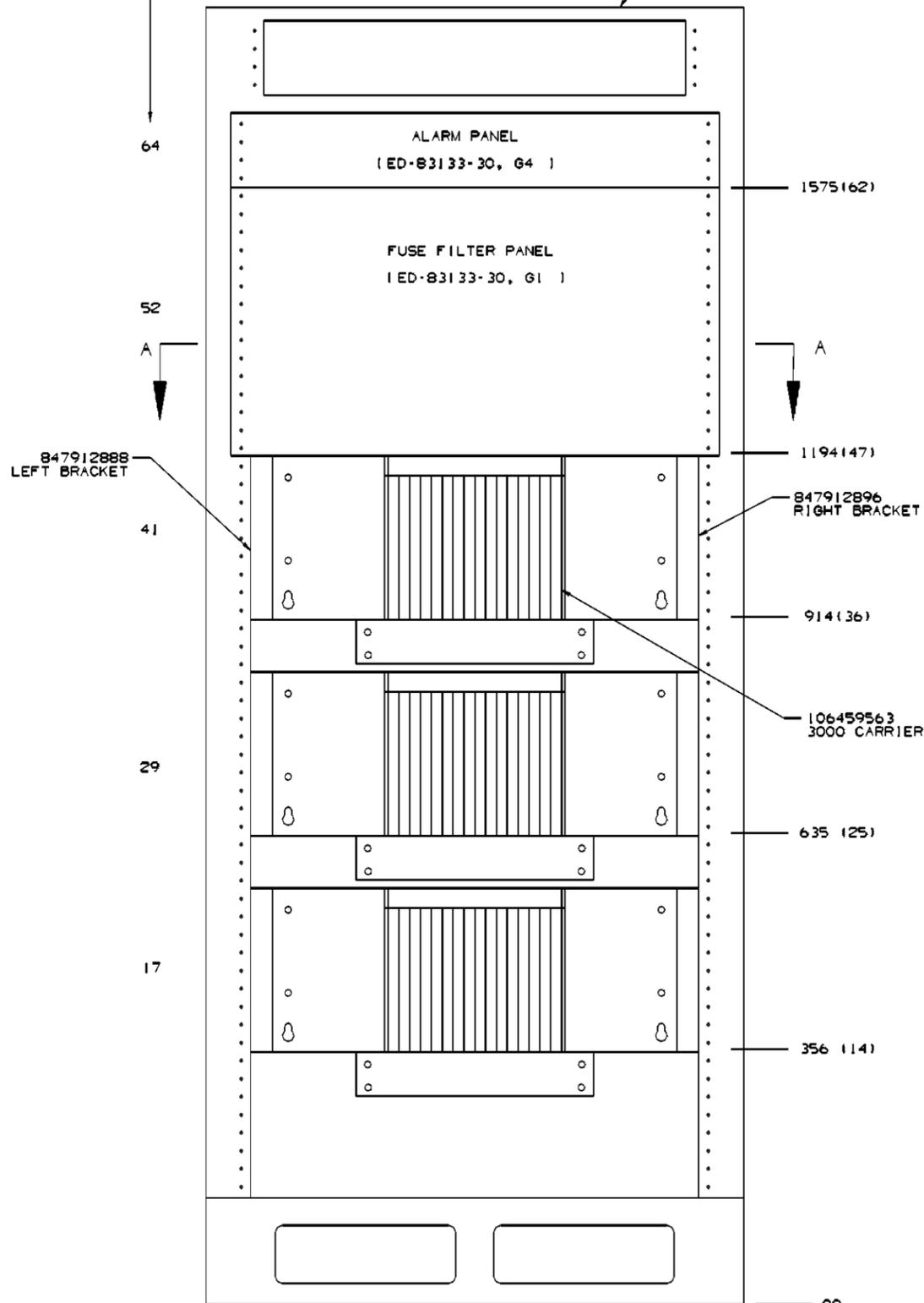
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ADVANTAGE MISCELLANEOUS CABINET	DWG SIZE	ISSUE
	C2	4
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STAMP VERTICAL EOL
FRONT AND REAR

ED5D785- () CABINET

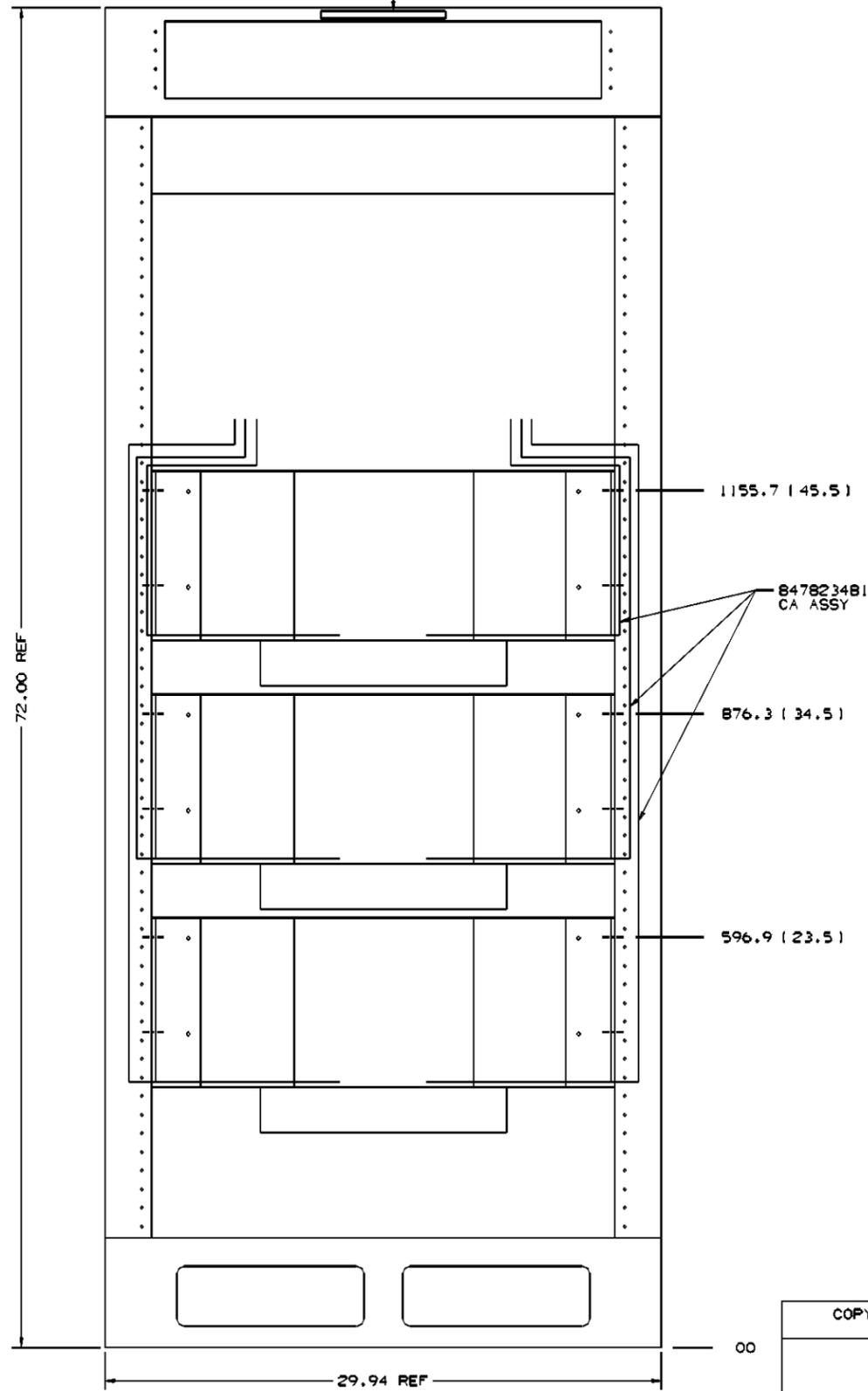
901249177
LABEL DESIGNATION
(SEE NOTE 17)



FRONT VIEW

FIG. 1A

SHOWN WITHOUT
DOORS & SIDE PANELS
ED5D7 - () SE-2000 CABINET



(REAR VIEW)

COIX 6-13-97

EDISO19-10

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ADVANTAGE MISCELLANEOUS CABINET	DWG SIZE	ISSUE
	C2	5
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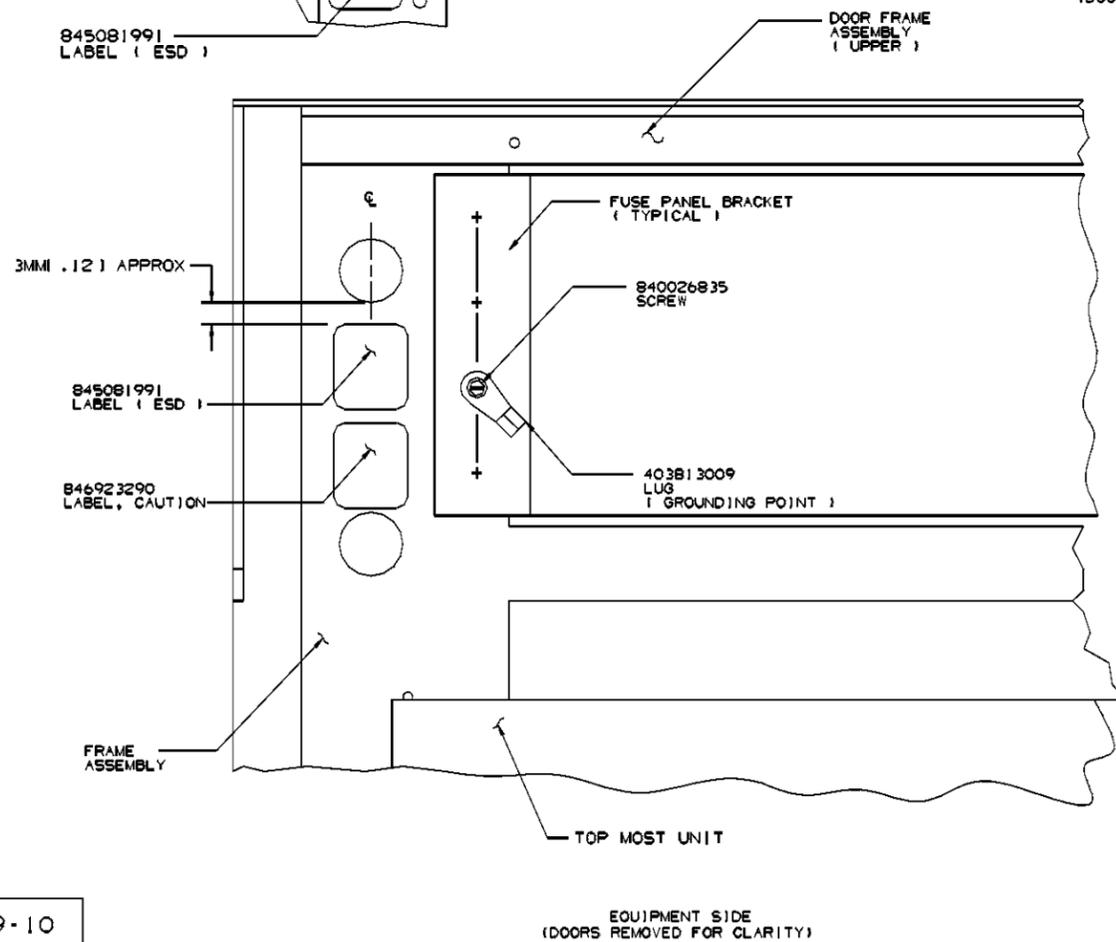
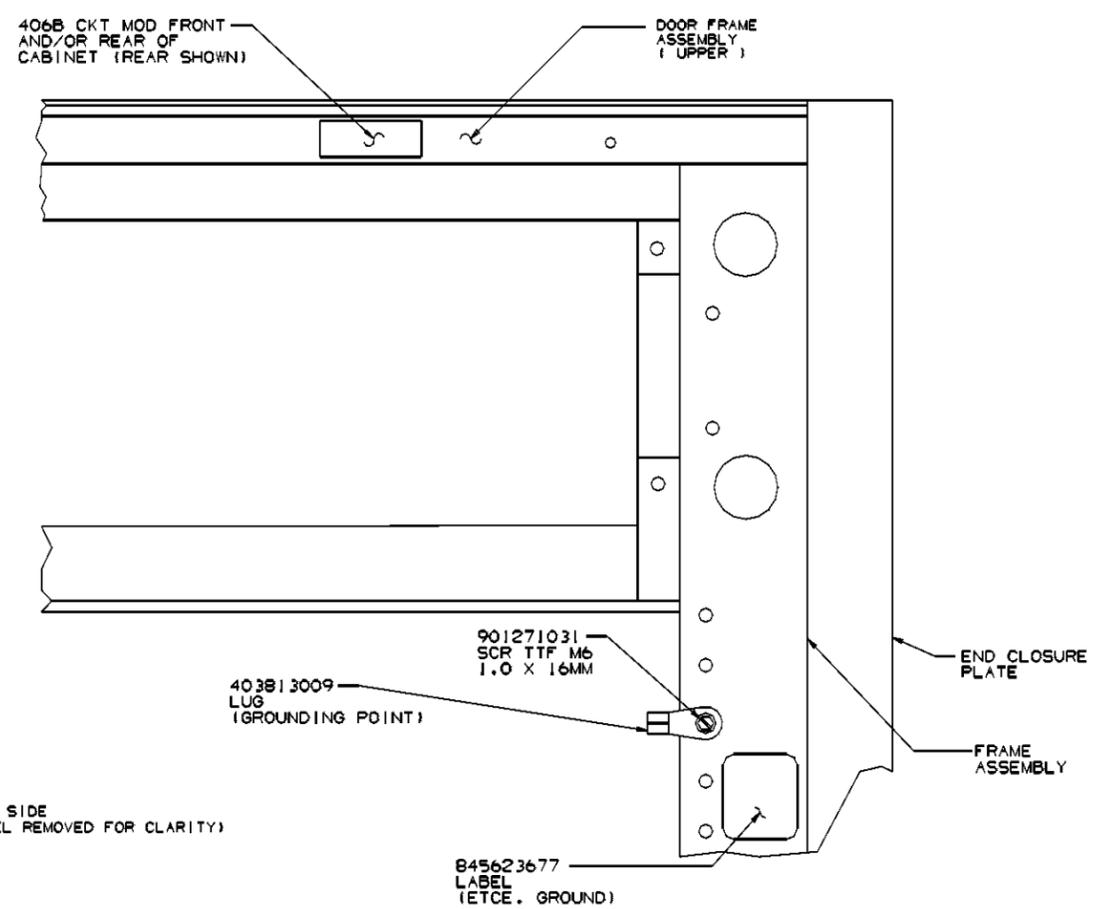
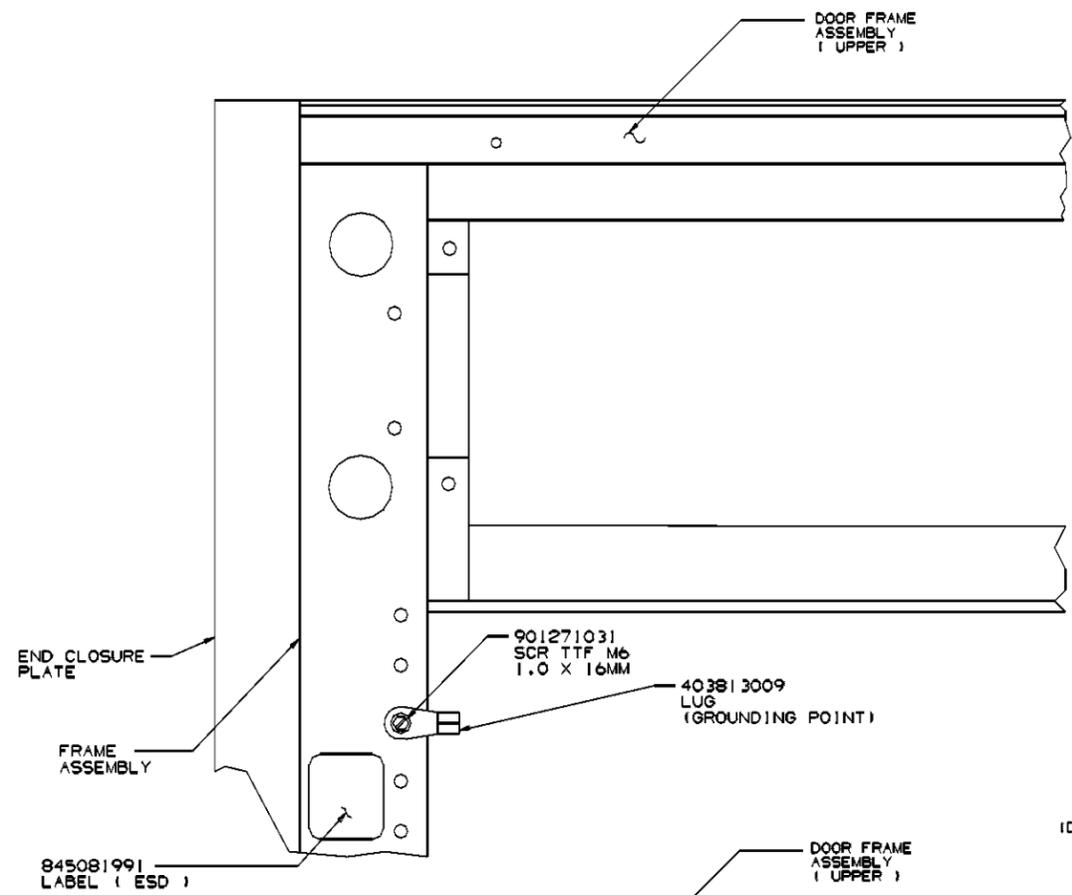
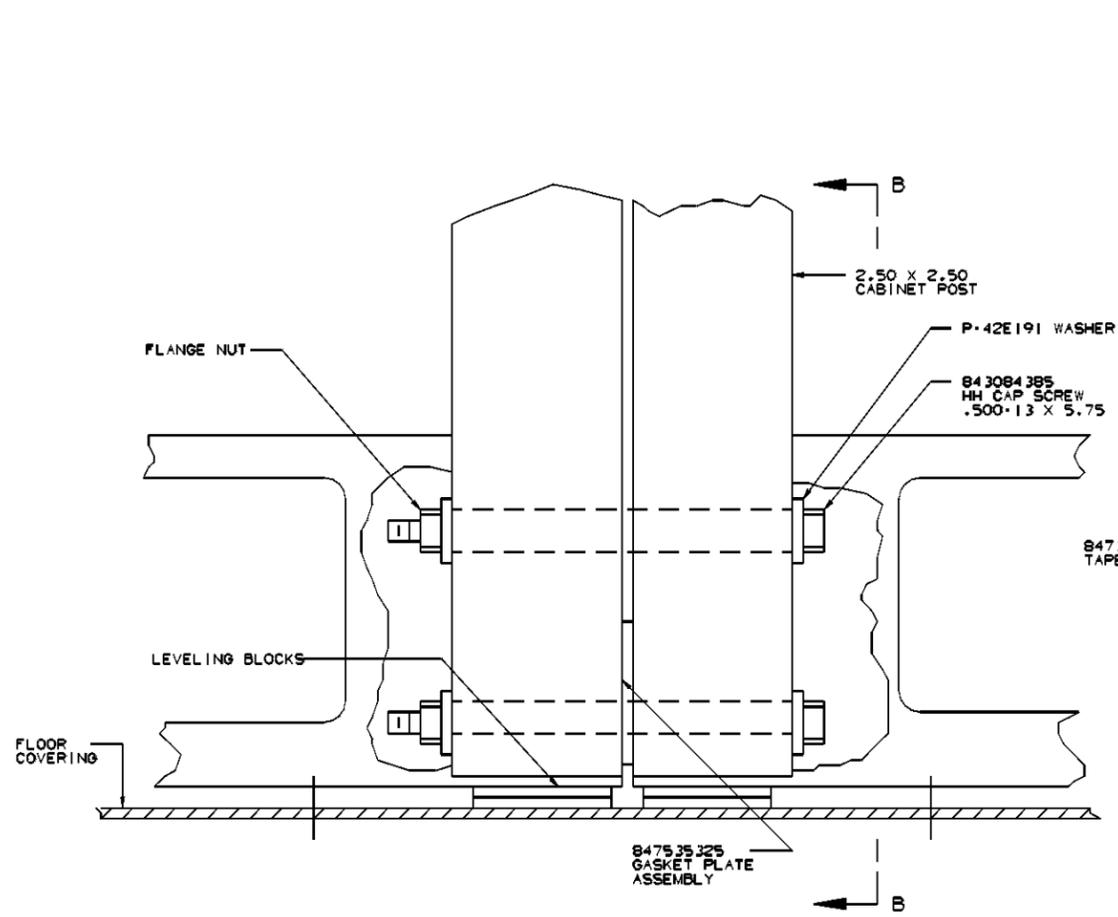
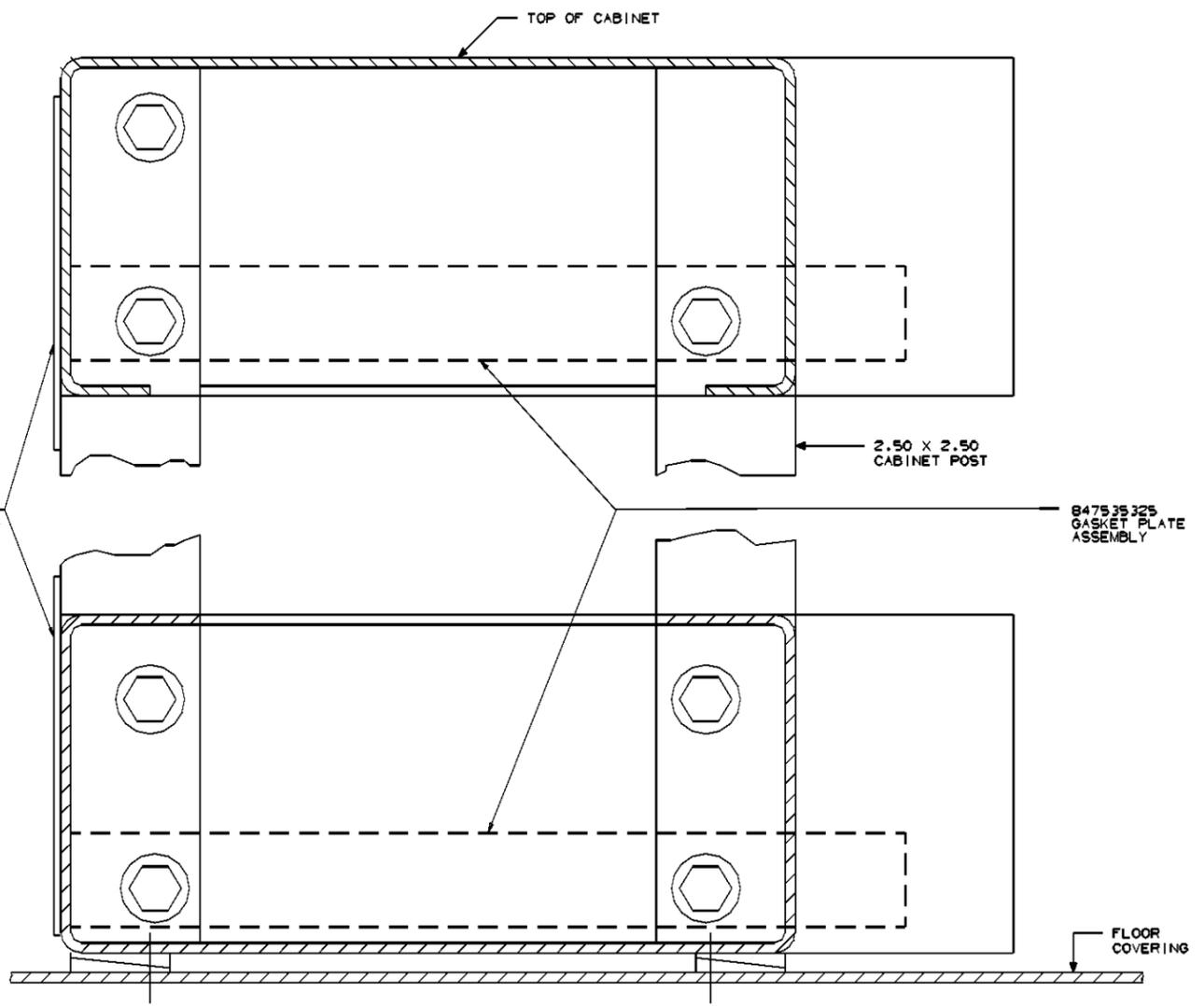


FIG. A
5ESS-2000
CABINET

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ADVANTAGE MISCELLANEOUS CABINET	DWG SIZE	ISSUE
	C2	4
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FRONT VIEW
 (DOORS REMOVED)
 METHOD OF JUNCTIONING ONE CABINET TO ANOTHER CABINET
 FIG. B

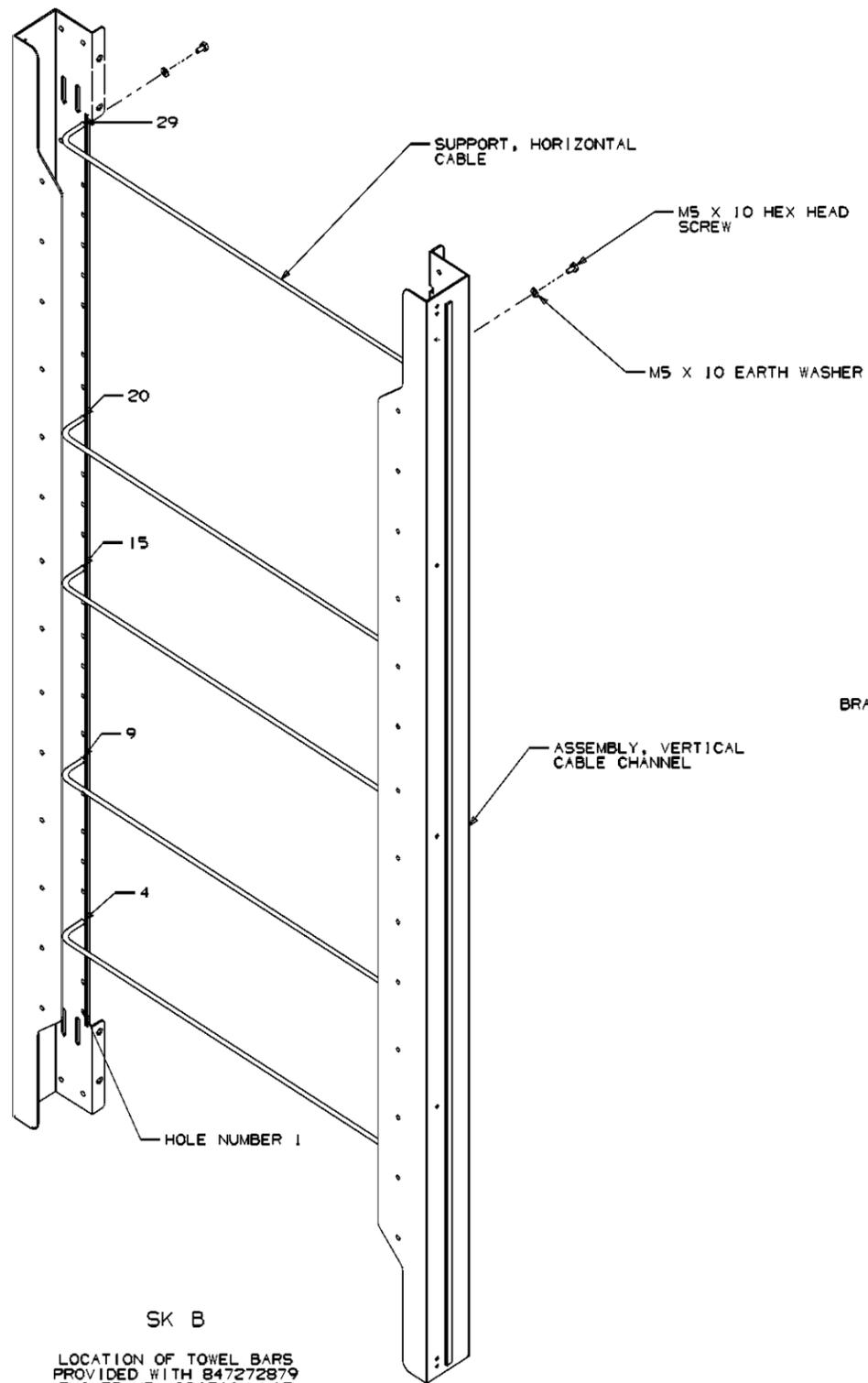


VIEW B-B
 (SEE NOTE 13 & 14)

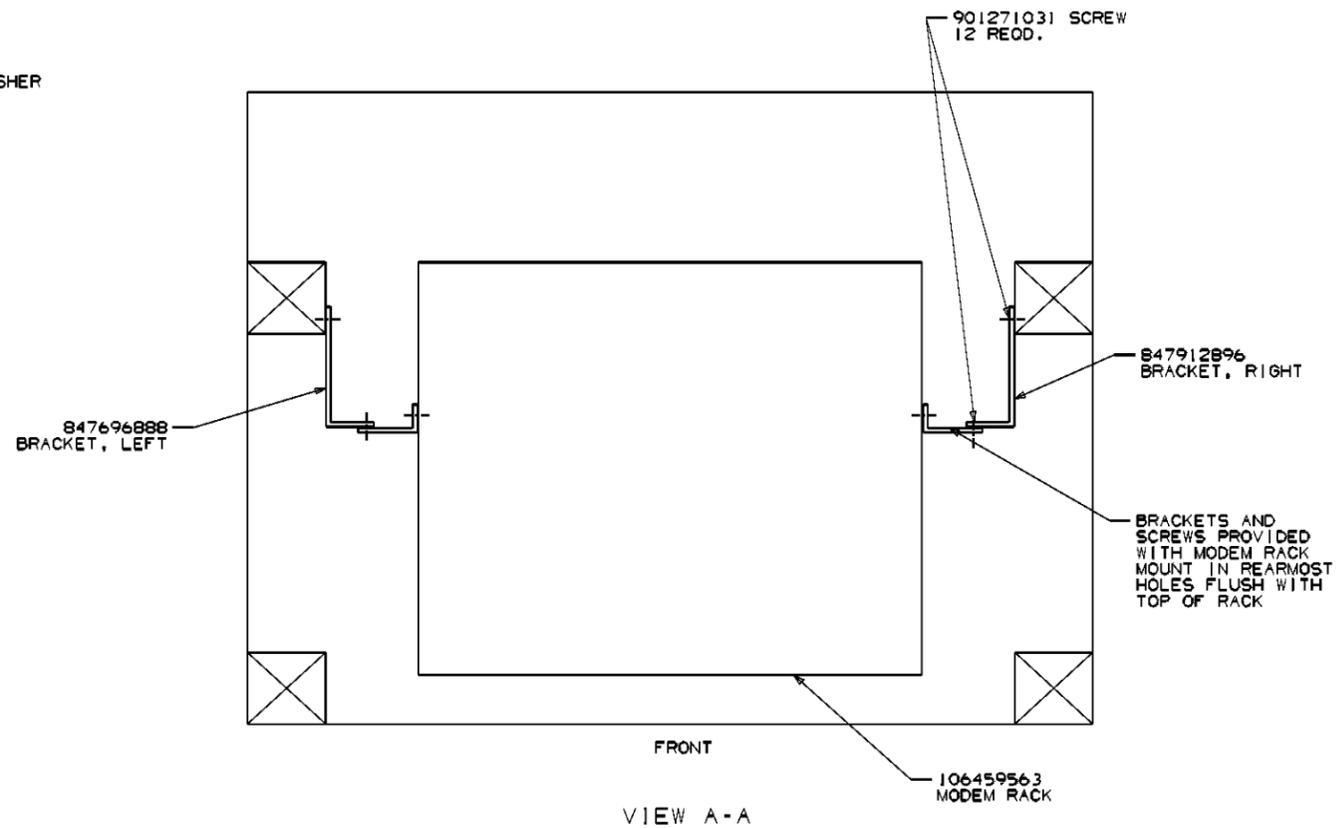
COIX 3-17-97

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ADVANTAGE MISCELLANEOUS CABINET CABINET	DWG SIZE	ISSUE
	c2	4
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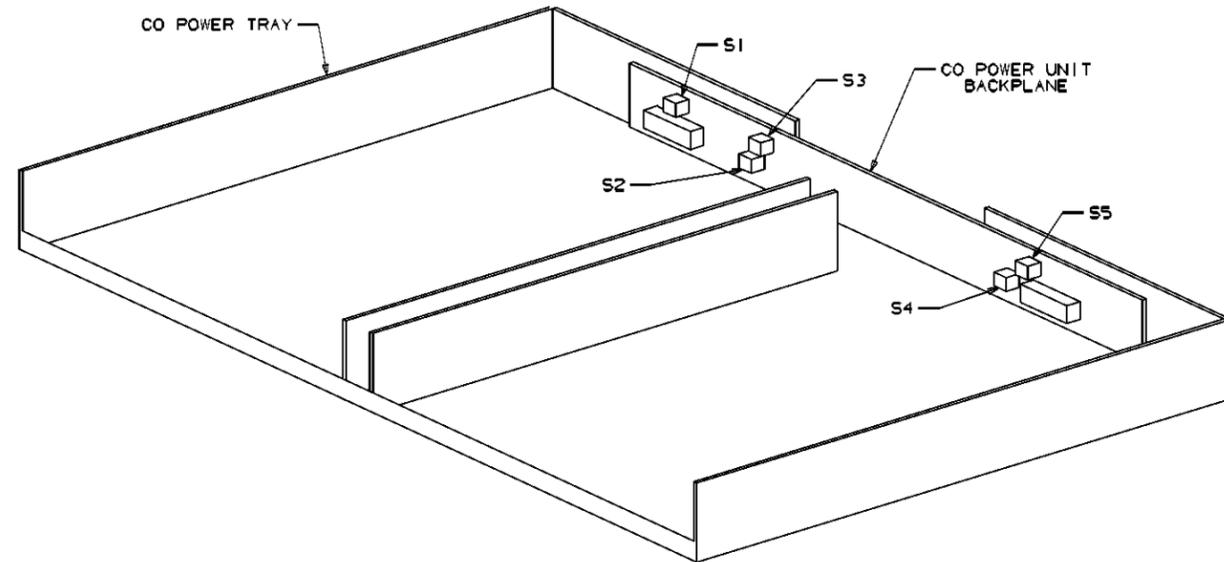
SK B
 LOCATION OF TOWEL BARS
 PROVIDED WITH 847272879
 EMC FRAME ADDITION KIT
 (SEE NOTE 18)



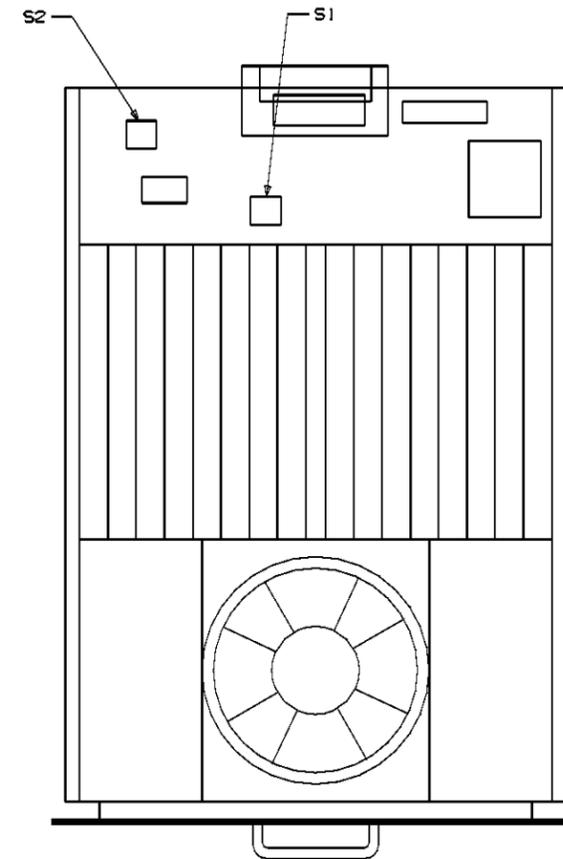
COIX 6-13-97

EDIS019-10

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MISCELLANEOUS CABINET	DWG SIZE	ISSUE
	C2	5
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OPTION STRAPS (S1 THROUGH S5) ON THE CO POWER UNIT'S BACKPLANE



OPTION STRAPS (S1 AND S2) ON A POWER MODULE

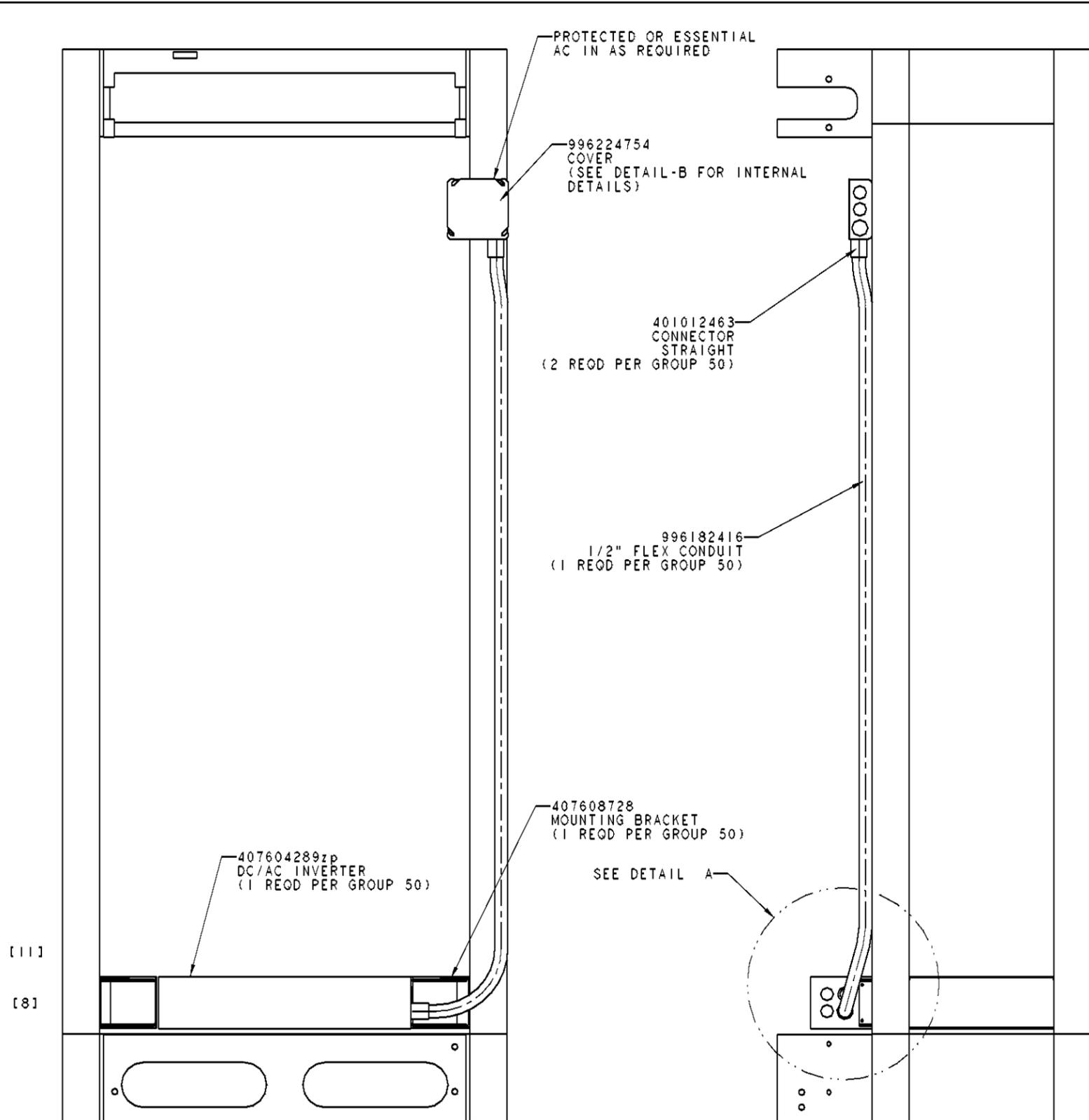
FIG. C
METHOD OF SETTING OPTION STRAPS
ON MODEM RACK POWER UNITS & MODULES
SEE NOTES 19 & 20

COIX 3-17-97

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MISCELLANEOUS CABINET	DWG SIZE	ISSUE
	C2	4
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1w1.5
Initial
COMMON HARDWARE



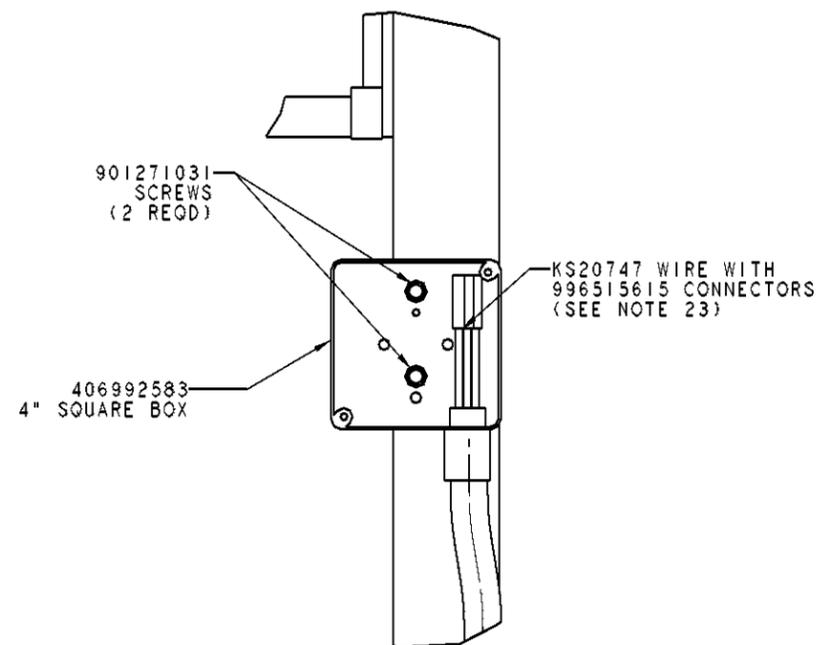
[11]
[8]

REAR VIEW

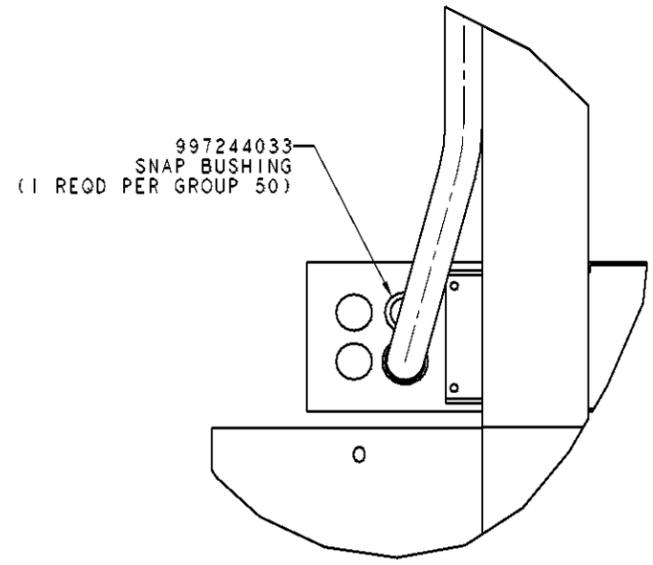
SIDE VIEW

FIG. 2

MOUNTING LOCATIONS OF INVERTER AND CONDUIT FOR AC LEADS



DETAIL-B
(SHOWN WITH COVER REMOVED FOR CLARITY)
SCALE 1/2



DETAIL A
SCALE 1/2

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MISCELLANEOUS CABINET		THIRD ANGLE PROJ	
DWG SIZE C2	ISSUE 7		
LUCENT TECHNOLOGIES		EDIS019-10	SHEET NO. B7

PRO/E-EOEDFORM, FRM-FEB-96

EDIS019-10

MODELED BY: COIX DATE: 9-Apr-98

DRAWING NAME=EDIS019-10
MODEL/ASM NAME=J5D005C-1

Initial COMMON HARDWARE

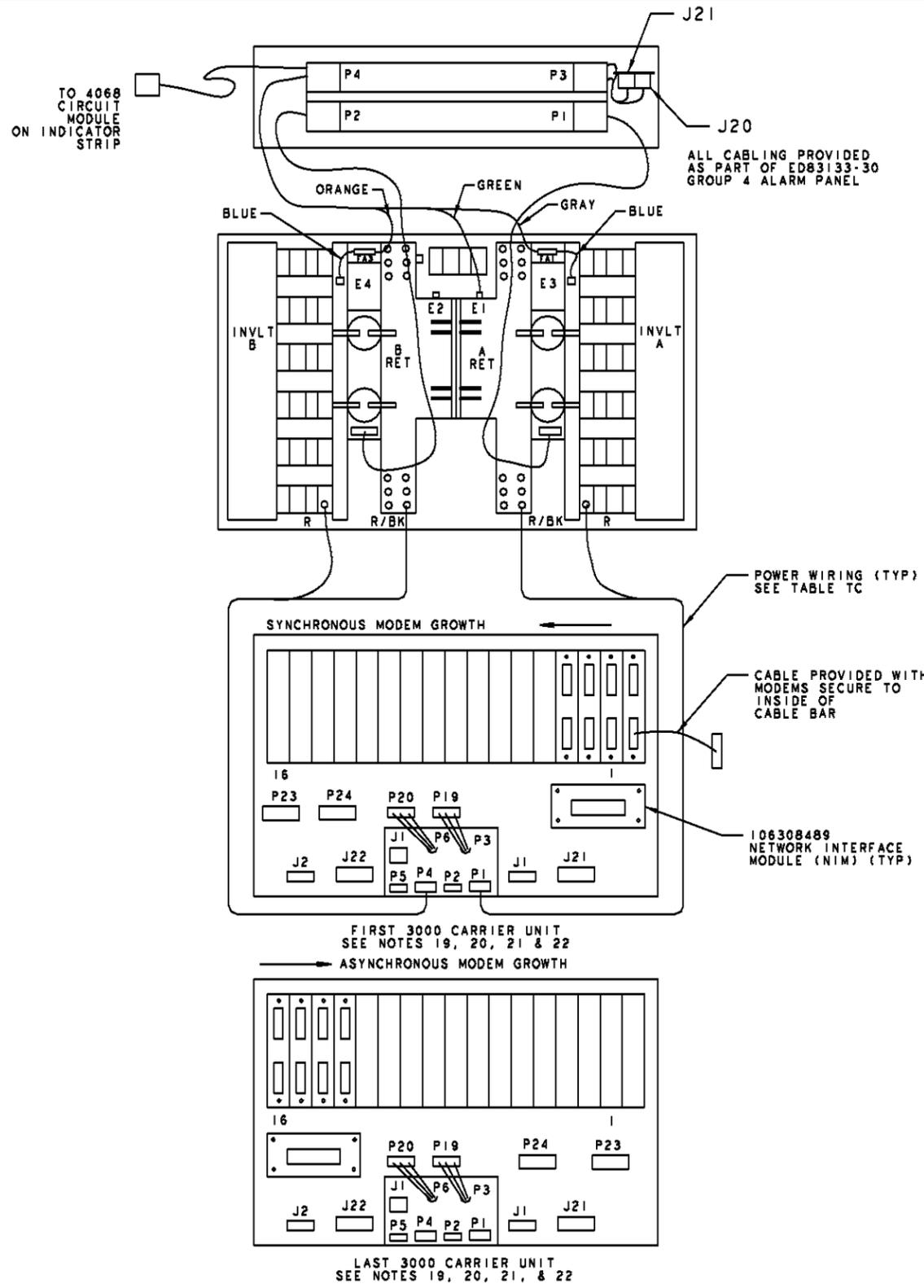


FIG. D
ALARM PANEL WIRING AND
TYPICAL MODEM RACK WIRING

PRO/E-EOEDFORM, FRM-FEB-96

EDIS019-10

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MISCELLANEOUS CABINET		THIRD ANGLE PROJN	
		DWG SIZE C2	ISSUE 7
LUCENT TECHNOLOGIES	EDIS019-10	SHEET NO. B8	

MODELED BY: COIX DATE: 9-Apr-98

DRAWING NAME=EDIS019-10
MODEL / ASM NAME=J5D005C-1

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MANUFACTURING NOTES

***** CONTINUED *****

TWO POWER MODULES TWO COMPLETE TURNS.

- X 21. SYNCHRONOUS 106476245 AND ASYNCHRONOUS 106597826 MODEMS ARE FIELD ASSIGNABLE AND MAY BE MIXED IN THE RACKS. FOR MANUFACTURING PURPOSES IF TWO RACKS ARE USED INSTALL THE SYNCHRONOUS MODEMS STARTING IN THE FIRST RACK POSITION ONE BUILDING UP. INSTALL THE ASYNCHRONOUS MODEMS IN THE SECOND RACK STARTING IN POSITION SIXTEEN AND BUILDING DOWN. IF ONLY ONE RACK IS USED INSTALL THE SYNCHRONOUS MODEMS FROM POSITION ONE UP AND THE ASYNCHRONOUS MODEMS FROM POSITION SIXTEEN DOWN. IF THREE RACKS ARE USED INSTALL THE SYNCHRONOUS MODEMS IN THE FIRST RACK POSITION ONE BUILDING UP AND OVERFLOWING INTO THE SECOND RACK. INSTALL THE ASYNCHRONOUS MODEMS IN THE THIRD RACK POSITION 16 BUILDING DOWN AND OVERFLOWING INTO THE SECOND RACK.
- X X 22. REMOVE THE ESD LABEL ATTACHED TO THE FRONT PANEL OF THE ED83133-30, GROUP 4 ALARM PANEL.
- X X 23. THIS LENGTH IS FOR FORECASTING AND ACCOUNTING PURPOSES. CONDUIT AND WIRE LENGTH MAY BE ADJUSTED AS REQUIRED. STRIP 5/16 IN. INSULATION ON WIRES IN ELECTRICAL BOX AND ATTACH BUTT SPLICE, THOMAS & BETTS #RCC-21 OR EQUIVALENT. INVERTER END OF WIRES ARE TO BE COILED INSIDE INVERTER CONNECTOR COVER.
- X 24. THESE ITEMS ARE NOT REQUIRED FOR MANUFACTURE BUT ARE TO BE STAGED BY COLUMBUS GLOBAL PROCUREMENT CENTER FOR WHOLE ORDER SHIPMENT.
- X 25. SWITCHBOARD CABLE CONNECTIONS AT THE DISTRIBUTING FRAME FOR THE NETWORK INTERFACE MODULES (NIM) ARE TO BE MADE PER TABLE TC1.
- X X 26. THE MODEM CARRIER UNIT AIR FILTER IS OPTIONAL AND IS TO BE PROVIDED ONLY AT THE CUSTOMERS DISCRETION. IF PROVIDED, IT IS TO BE INSTALLED ON THE BOTTOM OF THE LOWERMOST CARRIER UNIT ONLY. THE FACTORY IS TO INSTALL THE CARRIER UNIT MOUNTING BRACKETS, PROVIDED WITH THE UNIT ON THE BOTTOM OF THE LOWERMOST CARRIER UNIT AT THE TIME OF MANUFACTURE. IF CARRIER UNITS ARE GROWN IN THE FIELD THE INSTALLER MUST REMOVE THE BRACKETS FROM THE EXISTING LOWERMOST UNIT AND REINSTALL THEM ON THE NEW LOWERMOST CARRIER UNIT.

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MANUFACTURING NOTES

- 1. X PARTS REQUIRED FOR INSTALLATION.

X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.

* PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.

*/ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.

() INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.

{ } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.

< > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.

"W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.

"W*" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

- X X 12. THIS DOCUMENT CONTAINS BOTH CUSTOMARY U.S. (INCH) AND SI (METRIC) DIMENSIONS. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. EQUIVALENT INCH DIMENSIONS ARE ENCLOSED IN BRACKETS.
- X X 13. WHEN JUNCTIONING SIX FOOT CABINETS TOGETHER THE LEVEL OF EACH CABINET SHALL BE DETERMINED AT THE TOP SURFACE OF THE CABINET AND NOT THE BOTTOM.
- X X 14. THE HEXAGON HEAD CAP SCREWS USED FOR JUNCTIONING CABINETS TOGETHER MAY BE INSERTED FROM EITHER SIDE OF THE JUNCTION AS DETERMINED BY THE MANUFACTURING LOCATION.
- X X 15. THE COMCODES SHOWN IN THE STOCKLIST IDENTIFICATION FIELD REFERENCED BY THIS NOTE ARE NOT THE INDIVIDUAL OR SINGULAR COMCODE FOR THE PART DESCRIBED BUT ARE THE FACTORY'S ORDERING COMCODE. TABLE JJ CONTAINS THE FACTORY'S ORDERING COMCODE FOR THE DESCRIBED PART AND THE EQUIVALENT SINGULAR/INDIVIDUAL COMCODE THAT MAY BE REQUIRED BY AN INSTALLER, CUSTOMER, REGIONAL LINE ENGINEER, OR A CLASS A CHANGE NOTICE.
- X 16. CABINET ADDRESS LABELS SHOWN IN THE STOCKLIST ARE FOR ACCOUNTING PURPOSES ONLY. ACTUAL LABELS ARE PROVIDED PER JOB SPECIFICATIONS.
- X 17. ATTACH ONE LABEL TO THE TOP, MIDDLE, REAR OF THE CABINET FOR IDENTIFICATION PURPOSES. THE REMAINING LABELS ARE TO BE BAGGED AND ATTACHED TO THE CABINET FOR FIELD APPLICATION TO THE FRONT AND REAR INDICATOR STRIPS.
- X 18. ONLY FIVE OF THE TOWEL BARS PROVIDED WITH THE 847272879 EMC FRAME ADDITION KIT ARE TO BE INSTALLED ON THE INSIDE REAR PLANGE OF THE VERTICAL CHANNELS IN THE LOCATIONS SHOWN IN SKETCH B. ANY REMAINING BARS MAY BE DISPOSED OF AS DETERMINED BY THE LOCAL MANUFACTURING LOCATION.
- X X 19. THE MODEM CARRIER UNIT POWER MODULE OPTION STRAPS ARE SCREW SWITCHES THAT ARE OPENED BY RAISING (LOOSENING) OR CLOSED BY LOWERING (TIGHTENING) THE SCREWS TO BREAK OR MAKE CONTACT.
- X X 20. TO SET THE OPTION STRAPS FOR REDUNDANT MODE OF OPERATION PERFORM THE FOLLOWING STEPS:
 - 1. TIGHTEN THE SCREWS ON THE S1, S2 AND S3 STRAPS ON THE CO POWER UNIT'S PACKPLANE. DO NOT OVERTIGHTEN THE SCREWS OR THE EQUIPMENT MAY BE DAMAGED. MAKE SURE THE SCREWS ARE SECURELY TOUCHING THE CONTACTS. THEN LOOSEN THE SCREWS ON THE S4 AND S5 STRAPS TWO COMPLETE TURNS.
 - 2. LOOSEN THE SCREWS ON THE S1 AND S2 STRAPS ON EACH OF THE

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ADVANCED NETWORK SERVICES
SPECIFICATION FOR
SERVICE NODE AND
SERVICE CONTROL POINT
ADVANTAGE MISCELLANEOUS CABINET

DWG SIZE C2 ISSUE 8

LUCENT TECHNOLOGIES INC ED1S019-10

SHEET D1 OF 16

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1,600, 610,620, 630,640	1	847265733		ASSEMBLY, FRAME			
1010	1,600, 610,620, 630,640	1	847272879		KIT, EMC FRAME ADDITION			18
1020	1,600, 610,620, 630,640	2	845081991		LABEL, ESD			
1030	1,600, 610,620, 630,640	1	846923290		LABEL, CAUTION			
1040	1,600, 610,620, 630,640	3	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2			
1050	1,600, 610,620, 630,640	3	403813009		LUG, TERMINAL #E01-203 3M CO.			
1060	1,600, 610,620, 630,640	1	845623677		LABEL, GROUND POINT			
1070	1,600, 610,620, 630,640	4	901249177		LABEL, DESIGNATION			24 16 17
1075	2A	1	847306677		KIT, INDICATOR (FUSE, EMC)			24
1080	2	2	847306636		KIT, INDICATOR (BLANK, EMC)			24
1082	2A	1	847306636		KIT, INDICATOR (BLANK, EMC)			24
1090	2A,3	1	847443314		KIT, CABINET DOOR ASSY (EMC) AINET			24
1095	2A	1	ED5D511-31,G1		MATERIAL, ANCHOR SLAB FLOOR			24
1097	2A	1	ED4A306-70,G24		DETAILS, FRAMEWORK ANCHORING RAISED FLOOR			24
1100	2A,4	4	901278671		SCREW, HEXAGONAL CAP #QSN90989 M12 X 150MM LG,STEEL QUALITY SCREW AND NUT			24
1110	2A,4	4	814251914	P42E191	WASHER, PLAIN .090 STEEL 289A FINISH			24
1120	2A,4	4	901278689		NUT, CAP #QSN90990 M12 X 10MM THK,STEEL QUALITY SCREW AND NUT			24
1130	2A,4	2	847535325		ASSEMBLY, PLATE GASKET			24
1140	2A,4	1	847172178		TAPE, SHIELDING			24
1145	2A	1	ED4C686-70,G18A		KIT, GROUNDING HARDWARE SLAB FLOOR			
1146	2A	1	ED4C686-70,G23		KIT, GROUNDING HARDWARE RAISED FLOOR			
1150	5	1	997244439		BUSHING, SNAP #SB-750-10 HEYMAN MFG CO.			
1160	5	7	901278671		SCREW, HEXAGONAL CAP #QSN90989 M12 X 150MM LG,STEEL QUALITY SCREW AND NUT			
1170	5	7	814251914	P42E191	WASHER, PLAIN .090 STEEL 289A FINISH			
1180	5	7	901278689		NUT, CAP #QSN90990 M12 X 10MM THK,STEEL QUALITY SCREW AND NUT			
1190	5	2	847535325		ASSEMBLY, PLATE GASKET			
1200	5	1	847172178		TAPE, SHIELDING			
1240	6	1	ED4A306-70,G25		DETAILS, FRAMEWORK ANCHORING RAISED FLOOR			24

***** STOCKLIST CONTINUED AT RIGHT *****

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1250	7	1	ED5D511-31,G11		MATERIAL, ANCHOR SLAB FLOOR			24
1290	10,12	1	847962891		CABLE ASSEMBLY, INTERCONNECTING PDU/DF-ALM G95 (450 FEET)			24
1292	14	1	848148078		CABLE ASSEMBLY, INTERCONNECTING PDU/DF ALM G95 (200 FEET)			24
1300	10 10A 600 610 620 630 640	1	ED83133-30,G1 G1 G1 G1 G1 G1		PANEL, POWER DISTRIBUTION 48V DC			
1305	10 10A 600 610 620 630 640	1	ED83133-30,G4 G4 G4 G4 G4 G4		PANEL, POWER DISTRIBUTION 48V DC			22
1308	10,10A, 600,610, 620,630, 640	1	847320934		KIT, HARDWARE			*/
1310	20,20A, 20B,20C, 500,610	1	106459563	3000-48VDC-PM	CARRIER, APPARATUS			
1311	20,20A, 20B,20C, 500,610	2	847823481		CABLE ASSEMBLY, POWER			
1312	20,20A, 20B,20C, 500,610	2	407132257		FUSE, ALARM/INDICATING-PIN/BEAD #WFP92955L8 25 AMP - NORMAL ACTING			
1313	20,20A, 20B	2	407639038		CABLE #A25R-V CABLE SERV. INTERNATIONAL			
1314	20,20A, 20B	2	103711453	A25R	CABLE 460 FEET			24
1315	20B,20C, 21,500, 610	1	106490766	3000-F1-022	SUPPLY, POWER, CONVERTER			
1320	20B,20C, 25,500, 610	1	106303274	3000-F1-001	PANEL, UNIT SHARED FRONT			
1325	20B	1	847962909		CABLE ASSEMBLY, INTERCONNECTING MR/DF-ALM G92 (450 FEET)			*
1400	30,510	1	106476245	3511-B1-002	MODEM, DATA TRANSFER			21
1410	35,520	1	106597826	3811-B1-001	MODEM, DATA TRANSFER			21
1420	40,40A	1	106308489	3000-F1-010	UNIT, INTERFACE			
1425	40	1	407639038		CABLE #A25R-V CABLE SERV. INTERNATIONAL			
1426	40	1	103711453	A25R	CABLE 460 FEET			24

STOCKLIST CONTINUED ON SHEET D3

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ADVANCED NETWORK SERVICES
SPECIFICATION FOR
SERVICE NODE AND
SERVICE CONTROL POINT
ADVANTAGE MISCELLANEOUS CABINET

DWG SIZE C2
ISSUE 8

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SHEET D2 OF 16

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1430	20	1	847100146		BRACKET, RIGHT MOUNTING			
1435	20	1	847100260		BRACKET, LEFT MOUNTING			
1440	20,20A, 20B,20C, 500,610	12 12 12	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2			
1445	20	6	801329764	P132976	SCREW, FLAT HEAD MACHINE .190-32 X 3/8 STEEL 289A FINISH			
1450	20A,20B, 20C,500, 610	2 2 2	847912888		BRACKET, MOUNTING			
1455	20A,20B, 20C,500, 610	2 2 2	847912896		BRACKET, MOUNTING			
1600	50,530	1	407604289	WP91652L22	INVERTER			
1610	50,530	1	407608728	WP93388L12	BRACKET, MOUNTING SQUARE D COMPANY			
1620	50,530	2	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2			
1650	50,530	1	997244033		BUSHING, SNAP #SB-875-11 HEYMAN MFG CO			
1660	50,530	1	406922583		BOX, OUTLET #52151-1/2&3/4 STEEL CITY			
1670	50,530	2	401012463	KS20785L33	CONNECTOR, STRAIGHT			
1680	50,530	1	996182416		CONDUIT FLEX-ROUND STEEL 1/2 INCH NATIONAL OR EQUIVALENT 55.75 INCHES LONG			23
1690	50,530	3	996515615		CABLE, CONNECTOR #RCC-21 THOMAS & BETTS CORP.			
1700	50,530	1	401010426	KS20747	WIRE 12 GA SOLID 1 CONDUCTOR GREEN TYPE THW 80 INCHES			23
1710	50,530	1	401010418	KS20747	WIRE 12 GA SOLID 1 CONDUCTOR WHITE TYPE THW 80 INCHES			23
1720	50,530	1	401010384	KS20747	WIRE 12 GA SOLID 1 CONDUCTOR BLACK TYPE THW 80 INCHES			23
1730	50,530	1	996224754		COVER, CONDUIT BOX #52C1 STEEL CITY PRODUCTS CO.			
1740	50 530	1 1	ED4C686-70,G23 G23		KIT, GROUNDING HARDWARE			
1750	50,530	1	843742370		WIRE, ELECTRONIC BH2 22GA BL,BL-W 710' SPL. ALARM WIRING		*	
1780	60	2	103711453	A25R	CABLE 460 FEET MR/DF - INTERFACE			24
1785	65	2	102451523	A25R	CABLE 200 FEET MR/DF - INTERFACE			24
1790	70	1	847962909		CABLE ASSEMBLY, INTERCONNECTING MR/DF-ALM G92 (450 FEET)			24
1795	75	1	848148086		CABLE ASSEMBLY, INTERCONNECTING MR/DF-ALM G92 (200 FEET)			24
1800	200	1	847393402		LABEL, CAUTION (ENGLISH)			
1810	205	1	847367307		LABEL, CAUTION (ENGLISH/FRENCH)			

***** STOCKLIST CONTINUED AT RIGHT *****

STOCKLIST										
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE			
							SYM	NBR		
2000	AA	1	406374744		FILTER, AIR #UAF258 UNIVERSAL AIR FILTER				26	
3000	620,640	2	106459563	3000-48VDC-PM	CARRIER, APPARATUS					
3010	630	3	106459563	3000-48VDC-PM	CARRIER, APPARATUS					
3020	620,640	4	847823481		CABLE ASSEMBLY, POWER					
3030	630	6	847823481		CABLE ASSEMBLY, POWER					
3040	620,640	4	407132257		FUSE, ALARM/INDICATING-PIN/BEAD #WP92955L8					
3050	630	6	407132257		FUSE, ALARM/INDICATING-PIN/BEAD #WP92955L8					
3060	620,640	2	106490766	3000-F1-022	SUPPLY, POWER, CONVERTER					
3070	630	3	106490766	3000-F1-022	SUPPLY, POWER, CONVERTER					
3080	620,640	2	106303274	3000-F1-001	PANEL, UNIT SHARED FRONT					
3090	630	3	106303274	3000-F1-001	PANEL, UNIT SHARED FRONT					
3100	620,640	24	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2					
3110	630	36	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2					
3120	620,640	4	847912888		BRACKET, MOUNTING					
3130	630	6	847912888		BRACKET, MOUNTING					
3140	620,640	4	847912896		BRACKET, MOUNTING					
3150	630	6	847912896		BRACKET, MOUNTING					
3200	610	10	106476245	3511-B1-002	MODEM, DATA TRANSFER				21	
3210	620	26	106476245	3511-B1-002	MODEM, DATA TRANSFER				21	
3220	630	42	106476245	3511-B1-002	MODEM, DATA TRANSFER				21	
3230	640	12	106476245	3511-B1-002	MODEM, DATA TRANSFER				21	
3250	610,620, 630	6 6	106597826	3811-B1-001	MODEM, DATA TRANSFER				21	
3260	640	10	106597826	3811-B1-001	MODEM, DATA TRANSFER				21	
3280	610,620, 630,640	2 2	106308489	3000-F1-010	UNIT, INTERFACE				21	

***** END OF STOCKLIST *****

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BT13	
ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT ADVANTAGE MISCELLANEOUS CABINET	
DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES INC	ED1S019-10
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RS

LIST OF RECOMMENDED SPARES (SEE NOTE 55)						
UNIT	ITEM	GROUP	COMCODE	QUANTITY		REMARKS
				SCN	SCP	
MODEM RACK	SYNCHRONOUS MODEM	30	106476245	1	1	
	ASYNCHRONOUS MODEM	35	106597826	1	1	
	-48V POWER MODULE	21	106490766	1	1	
	NETWORK INTERFACE MODULE	40	106308489	1	1	
	AIR FILTER		406374744	AR	AR	
	PANEL, SHARED FRONT	25	106303274	1	1	

TC1

TIP AND RING WIRING FROM CARRIER UNIT 0, 1 OR 2 NETWORK INTERFACE MODULES AND THE DISTRIBUTING FRAME 2-WIRE, RJ21X						
USE	EQPT	SLOT	PIN	COLOR	DESIG	TO DISTRIBUTING FRAME
R	CU ()	01 OR 09	01	BL-W		
T			26	W-BL		
R		02 OR 10	02	O-W		
T			27	W-O		
R		03 OR 11	03	G-W		
T			28	W-G		
R		04 OR 12	04	BR-W		
T			29	W-BR		
R		05 OR 13	05	S-W		
T			30	W-S		
R		06 OR 14	06	BL-R		
T			31	R-BL		
R		07 OR 15	07	O-R		
T			32	R-O		
R		08 OR 16	08	G-R		
T			33	R-G		

TC

POWER AND GROUND CABLING						
CABLE COMCODE	P/O GROUP	FROM		TO		COLOR
		UNIT	TERM	UNIT	TERM	
847823481	20, 20A 20B	MR0	41-P1-1	PDO	F23A	R
			41-P1-2	PDO	ARET	R-BK
847823481	20, 20A 20B	MR0	41-P5-1	PDO	F23B	R
			41-P5-2	PDO	BRET	R-BK
847823481	20, 20A 20B	MR1	29-P1-1	PDO	F24A	R
			29-P1-2	PDO	ARET	R-BK
847823481	20, 20A 20B	MR1	29-P5-1	PDO	F24A	R
			29-P5-2	PDO	BRET	R-BK
847823481	20A 20B	MR2	17-P1-1	PDO	F22A	R
			17-P1-2	PDO	ARET	R-BK
847823481	20A 20B	MR2	17-P5-1	PDO	F22B	R
			17-P5-2	PDO	BRET	R-BK
ED4A686-70 GROUP 23	50	INV	08 GRD	CAB	RIGHT UPRITE	G

TABLE JJ

TABLE JJ STOCKLIST ORDERING COMCODES TO INDIVIDUAL/SINGULAR COMCODES CROSS REFERENCE		
STOCKLIST ORDERING COMCODE	INDIVIDUAL/SINGULAR COMCODE	COMMENTS
406663971	406747501	WP91768,L104 .50 AMP - FAST ACTING FUSE
406599308	406747519	WP92458,L2 1.25 AMP - VERY FAST ACTING FUSE
406708545	406747527	WP91768,L107 2 AMP - FAST ACTING FUSE
406693895	406747535	WP91768,L108 3 AMP - FAST ACTING FUSE
406693887	406747543	WP91768,L110 5 AMP - FAST ACTING FUSE
406693903	406747550	WP91768,L112 7 AMP - FAST ACTING FUSE
406599324	406747568	WP92458,L11 10 AMP - VERY FAST ACTING FUSE
406599332	406747576	WP92458,L12 12 AMP - VERY FAST ACTING FUSE
406599357	406808469	WP92458,L13 15 AMP - VERY FAST ACTING FUSE
406759050	406808477	WP92458,L14 20 AMP - VERY FAST ACTING FUSE
407132257		WP92955,L8 25 AMP - NORMAL ACTING FUSE

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