

ENGINEERING NOTES

- 51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH LUCENT 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 INDICATE HORIZONTALLY LINED OUT INFORMATION.
- 54. IN TABLE A DESCRIPTION FIELD, INFORMATION ENCLOSED IN < > IS FOR REPORT PURPOSES ONLY.
- 55. THE SWITCH OWNER WILL NEED TO PROVIDE 10/100BASET ETHERNET ACCESS AT THE TIME OF INSTALLATION.
- 56. WHEN A LOGIN ACCESS IS REQUIRED TO THE NERTA-T, A LAPTOP OR VT100 EQUIVALENT MAY BE CONNECTED TO SERIAL PORT "A".
- 57. THE UN582 IS PREFERRED FOR THE IOP, HOWEVER, THE TN74B IS PERMISSIBLE.
- 58. THE ASM (SUN NERTA-T 1120) MAY BE INSTALLED IN A 5E-2000 GLOBAL MISCELLANEOUS CABINET THAT IS EQUIPPED WITH A MFPU WITH SPACE FOR TWO 7A FEEDS ON THE SAME "A" OR "B" SIDE THAT IS LOCATED WITHIN 100 CABLE FEET OF THE 3B21D.
IF THE CABINET IS EQUIPPED WITH A SET OF 50.80" LONG BRACKETS CCH# 846167245, THEY WILL INTERFERE WITH THE MOUNTING OF THE SUN NERTA-T, A RECOMMENDED REPLACEMENT FOR THE 50.80" LONG BRACKET IS CCH# 846167237 BRACKET 7.80" LONG.

THE POWER CABLES ARE MADE TO PERMIT THE SUN TO BE LOCATED AT THE LOWER LEVELS OF THE CABINET, ANY EXCESS MUST BE COILED AND STORED THE EQL OF THE ASM WORKSTATION MUST BE LINE ENGINEERED.
IF A MISCELLANEOUS CABINET MUST BE ORDERED, SEE J5D005C-1 FOR ORDERING INFORMATION.
- 59. \$GROUP 1 AND 9 MAY BE ORDERED, IF A CABINET IS REQUIRED AND THE ASM WILL NOT BE INSTALLED IN AN EXISTING MISCELLANEOUS CABINET.\$
- 60. THE DUAL SERIAL CHANNEL CABLES ARE CONNECTED BETWEEN THE CYB1 (2 CONNECTORS) IN THE SUN NERTA-T, AND CHANNEL 11, PORT 3 OF THE 3B21D.
- 61. \$CABLES FOR THE IOP CONNECTION TO THE UN582 OR THE TN74B ARE TO BE ETHER 50' LONG TO BE USED IN ADDITION TO GRP. 41 OR 100' LONG TO BE USED IN ADDITION TO GRP. 42.\$
- 62. GROUPS 41 AND 42 ARE MUTUALLY EXCLUSIVE.
- 63. TO MAINTAIN ADEQUATE AIRFLOW THE AIR FILTER WILL NEED TO BE REPLACED WHEN NECESSARY OR AT LEAST EVERY SIX MONTHS.
- 499. EACH CABINET MUST BE EQUIPPED WITH TWO DOORS, WHICH ARE ORDERED PER ED5D785-70 OR ED5D184-76. THE CORRECT GROUP MUST BE SPECIFIED TO PROVIDE EMC OR NON EMC DOORS AS REQUIRED BY JOB SPECIFICATIONS EACH CABINET MUST BE EQUIPPED WITH TWO INDICATOR STRIP ASSEMBLIES WHICH ARE ORDERED PER ED5D785-70. THE CORRECT GROUP MUST BE SPECIFIED TO PROVIDE EMC OR NON EMC COMPATIBLE INDICATOR STRIP ASSEMBLIES AS REQUIRED BY JOB SPECIFICATIONS WITH A <0, 1, 2, 3> LED CONFIGURATION. ADDRESS LABELS MAY BE ORDERED FROM ED5D695-11 FOR 5ESS-2000 CABINET.
- 500. THIS GROUP MAY BE SPECIFIED AS MAIN OR SUPPLEMENTAL ITEM.

ISSUE NOTES (CONTINUED)

TO INCLUDE POINT ISSUE 4.1, CHANGED STOCKLIST ITEM 2601 WAS IN GROUP 200. DA GROUP 10A. REPLACED BY J7R000B-1 NEW SIMPLEX (L100) AND HA CONFIGURATIONS (L120).

ORIG ISS: 01/04/99 NDD NBR: WS0100571 CHANGE CLASS: ME

DRAFT: OW ENGR: OW SUPV: FNG CERTIFIED: 04/06/01 ISSUE: 5

ISSUE NOTES

H8294: THIS IS ISSUE 1, TO INTRODUCE THE ADMINISTRATIVE SERVICES MODULE (ASM).

ORIG ISS: 01/04/99 NDD NBR: NDD5D839NW-1 CHANGE CLASS: B

DRAFT: OW ENGR: OW SUPV: FNG CERTIFIED: 01/04/99 ISSUE: 1

PTISS1: ADDED "X" NOTE TO ITEM 2600
ADDED: TABLE A GRP'S: 11A, 22, 35, 43A, 44A, 45, 46, 47, A, B, C & D.
MFG NOTES: 18, 19, 20, 21, 22 & 23.
ENGINEERING NOTE: 63.
SL ITEMS: 1501, 1715, 2540, 2630, 2741, 2751, 2760, 2770, 2800, 4000, 4010, 4020 & 4030.
G11A TO SL ITEMS 1700 & 1720.
"ALWAYS ORDER AS A MAIN LIST" TO G30, 31 & 35
TABLE A DESCRIPTIONS.
LABEL DETAIL TO GRAPHICS SH B2.
NOTE 58 INFORMATION: "IF THE CABINET IS EQUIPPED WITH A SET OF 50.8" LONG BRKT'S CC# 846167245, THEY MAY INTERFERE WITH THE MOUNTING OF THE SUN NERTA-T, A RECOMMENDED REPLACEMENT FOR THE 50.8" LONG BRKT IS CC# 846167237 BRKT 7.80" LONG." AND "IF THE MISCELLANEOUS CAB MUST BE ORDERED, SEE J5D005C-1 FOR ORDERING INFORMATION."
CHGD: TABLE A: DESC OF GRP. 10 REMOVED "FOR ONE NEW START AND SPARE"; G11, 22 & 45 DESC REV; G43 & 44 RATED "DA";
SL ITEMS: 1500 LIST GROUP CODE WAS "30"; 1710 AND 1715 QTY WAS 2; 2741, GROUP 43A WAS 43 ALSO PROD IDENTIFIER AND DESC REV;
2800 & 2810, GROUP 47 WAS 45.
ENGINEERING NOTE 51: "LUCENT" WAS "AT&T".
LINED OUT: SL ITEM 1510 AND REPLACED WITH 1501,
SL ITEM 2740 AND REPLACED IT WITH 2741,
SL ITEM 2750 AND REPLACED IT WITH 2751.
REMOVED: IN TABLE A: G10 REF TO NOTE 500; G13 DESCRIPTION TEXT "AND 11"; G22 REF TO NOTE 19;
G31 DESCRIPTION TEXT "REPL:ED5D839-30, G10".
ENGINEERING NOTE 61.

ORIG ISS: 01/04/99 NDD NBR: H8608 CHANGE CLASS: ME

DRAFT: TMM ENGR: OW SUPV: FNG CERTIFIED: 03/24/00 ISSUE: 2

H09086: ADDED GRP'S 10A, 200 AND 210 WITH SL ITEMS 1505 AND 2601
ADDED SL ITEMS 2710 TO GRP'S 41 AND 42.
DA'D GRP'S 10, 30 AND 31. LINED OUT SL ITEM 2600
UPDATED SHEETS B2, B5 TO AGREE WITH UPDATED SL.
ON B8 MOVED MAINTENANCE LINK FROM TTY B TO TTY A.

ORIG ISS: 01/04/99 CHANGE CLASS: ME

DRAFT: OW ENGR: OW SUPV: FNG CERTIFIED: 08/30/00 ISSUE: 3

ADD GRP'S SW1 AND SW2 WITH SL ITEMS 4100 AND 4110.

ORIG ISS: 01/04/99 CHANGE CLASS: ME

DRAFT: OW ENGR: OW SUPV: FNG CERTIFIED: 11/13/00 ISSUE: 4

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ISSUE	2	3	2	2	3	2	2	3								
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BT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR THE
ADMINISTRATIVE SERVICES MODULE.
(ASM)
* LUCENT TECHNOLOGIES TRADEMARK

DWG SIZE C2	ISSUE 5
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LUCENT TECHNOLOGIES INC ED5D839-30 SHEET 13 OF 13

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
EQUIPMENT REQUIRED TO PROVIDE FOR ONE 5ESS-2000 CABINET ASSY FOR A ADMINISTRATIVE SERVICES MODULE BASIC CABINET. (ASM) DA EFF:07/30/99 FE/RA:NONE	59 499	DA	1								
EQUIPMENT REQUIRED TO PROVIDE FOR ONE MODULAR FUSE FILTER UNIT (MPFU) FOR A SUN NETRA-T ADMINISTRATIVE SERVICES MODULE. DA EFF:07/30/99 FE/RA:NONE	59 500	DA	9								
EQUIPMENT REQUIRED TO PROVIDE FOR ONE SUN NETRA-T WORKSTATION EQUIPPED WITH SUN-CD, TWO (2) 18.2 GB DISK DRIVES, ONE (1) DDS3 TAPE DRIVE, AND ONE (1) DUAL SERIAL CHANNEL, CYB1, TO BE INSTALLED INTO A GLOBAL MISCELLANEOUS CABINET E/W A MPFU AND WITHIN 100 CABLE FEET OF THE 3B21D. FOR THE ADMINISTRATIVE SERVICES MODULE (ASM). DA EFF:05/26/00 FE:ED5D839-30,G10A	58	DA	10		ED5D839-30	A B C					
EQUIPMENT REQUIRED TO PROVIDE FOR ONE SUN NETRA-T WORKSTATION EQUIPPED WITH SUN-CD, TWO (2) 18.2 GB DISK DRIVES, ONE (1) DDS3 TAPE DRIVE, ONE (1) DUAL SERIAL CHANNEL, CYB1, AND ONE (1) QUAD ETHERNET CARD (QFE) TO BE INSTALLED INTO A GLOBAL MISCELLANEOUS CABINET E/W A MPFU AND WITHIN 100 CABLE FEET OF THE 3B21D. FOR THE ADMINISTRATIVE SERVICES MODULE (ASM). REPL:ED5D839-30,G10 DA EFF:04/06/01 RA:J7R000B-1,L100	18 19 58	DA	10A		ED5D839-30	A B C					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10A TO PROVIDE FOR A ASSEMBLY KIT FOR A SUN NETRA-T ADMINISTRATIVE SERVICES MODULE INTO A 5ESS-2000 CABINET.THIS GROUP IS FOR POWER CABLES WITH AMP MATE AND LOCK CONNECTORS.	58		11								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10A TO PROVIDE FOR A ASSEMBLY KIT FOR A SUN NETRA-T ADMINISTRATIVE SERVICES MODULE INTO A 5ESS-2000 CABINET.THIS GROUP IS FOR POWER CABLES WITH WAGO CAGE CLAMP POWER UNIT CONNECTORS.			11A								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10A TO PROVIDE FOR A NETRA-T ASSEMBLY KIT INTO A 5ESS-2000 CABINET FOR THE ADMINISTRATIVE SERVICES MODULE. (ASM)	58		13								
OPTIONAL EQUIPMENT IN ADDITION TO GROUP 10 TO PROVIDE A TERMINAL TO ACCESS THE NETRA-T OF A ADMINISTRATIVE SERVICES MODULE. (ASM). DA EFF:07/30/99 FE/RA:NONE	500	DA	20								
EQUIPMENT REQUIRED TO PROVIDE FOR ONE QUAD ETHERNET CARD (QFE) IN PCI SLOT 4, IF THE (ASM) ADMINISTRATIVE SERVICES MODULE IS USED IN AN APPLICATION AS THE ELEMENT MANAGER FOR THE (DRM) DISTINCTIVE REMOTE MODULE. REPL:NONE	500		22								

TABLE-A CONTINUED

ED5D839-30

TABLE A-FEATURES (CONTINUED)											
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
EQUIPMENT TO PROVIDE A SPARE 18GB DISK DRIVE FOR A SUN NETRA-T ADMINISTRATIVE SERVICES MODULE. ALWAYS ORDER AS A MAIN LIST. DA EFF:05/26/00 FE:ED5D839-30,G210		DA	30								
EQUIPMENT TO PROVIDE A SPARE SUN NETRA-T WORKSTATION FOR (ASM) ADMINISTRATIVE SERVICES MODULE. EQUIPPED WITH A SUN-CD, TWO (2) 18.2 GB DISK DRIVES AND ONE (1) DDS3 TAPE DRIVE, AND ONE (1) PREINSTALLED CYB1 DCI CARD. ALWAYS ORDER AS A MAIN LIST. DA EFF:05/31/00 FE:ED5D839-30,G200		DA	31								
EQUIPMENT REQUIRED TO PROVIDE SPARE NETRA-T FAN FILTERS. ALWAYS ORDER AS A MAIN LIST. REPL:NONE	63		35								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10A TO PROVIDE FOR A SET OF TWO (2) 50' LONG DCI CABLES, CONNECTING THE CYB1 IN THE NETRA-T, TO THE 3B21.	62		41								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10A TO PROVIDE FOR A SET OF TWO (2) 100' LONG DCI CABLES, CONNECTING THE CYB1 IN THE NETRA-T, TO THE 3B21.	62		42								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10 TO PROVIDE FOR A 50 OR 100 FOOT CABLE TO CONNECT THE ASM TTY PORT TO THE UN582 IN THE 3B21. DA EFF:08/20/99 FE:ED5D839-30,G43A	61	DA	43								
EQUIPMENT REQUIRED IN ADDITION TO GRP 10A TO PROVIDE FOR A 50' TTY CABLE FROM THE ASM SERIAL PORT A, TO THE UN582 IN THE 3B21 REPL:ED5D839-30,G43	57		43A								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10 TO PROVIDE FOR A 50 OR 100 FOOT CABLE TO CONNECT THE ASM TTY PORT TO THE TN74B IN THE 3B21. DA EFF:08/20/99 FE:ED5D839-30,G44A	61	DA	44								
EQUIPMENT REQUIRED IN ADDITION TO GRP 10A TO PROVIDE FOR A 50' TTY CABLE FROM THE ASM SERIAL PORT A, TO THE TN74B IN THE 3B21 REPL:ED5D839-30,G44	57		44A								
EQUIPMENT REQUIRED IN ADDITION TO GRP 10A TO PROVIDE A 100 FOOT TTY CABLE FROM THE ASM SERIAL PORT A, TO THE UN582 IN THE 3B21	57		45								

TABLE-A CONTINUED

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5ESS* SWITCHING EQUIPMENT
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(ASM)
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DWG SIZE
C2

ISSUE
5

LUCENT TECHNOLOGIES INC ED5D839-30

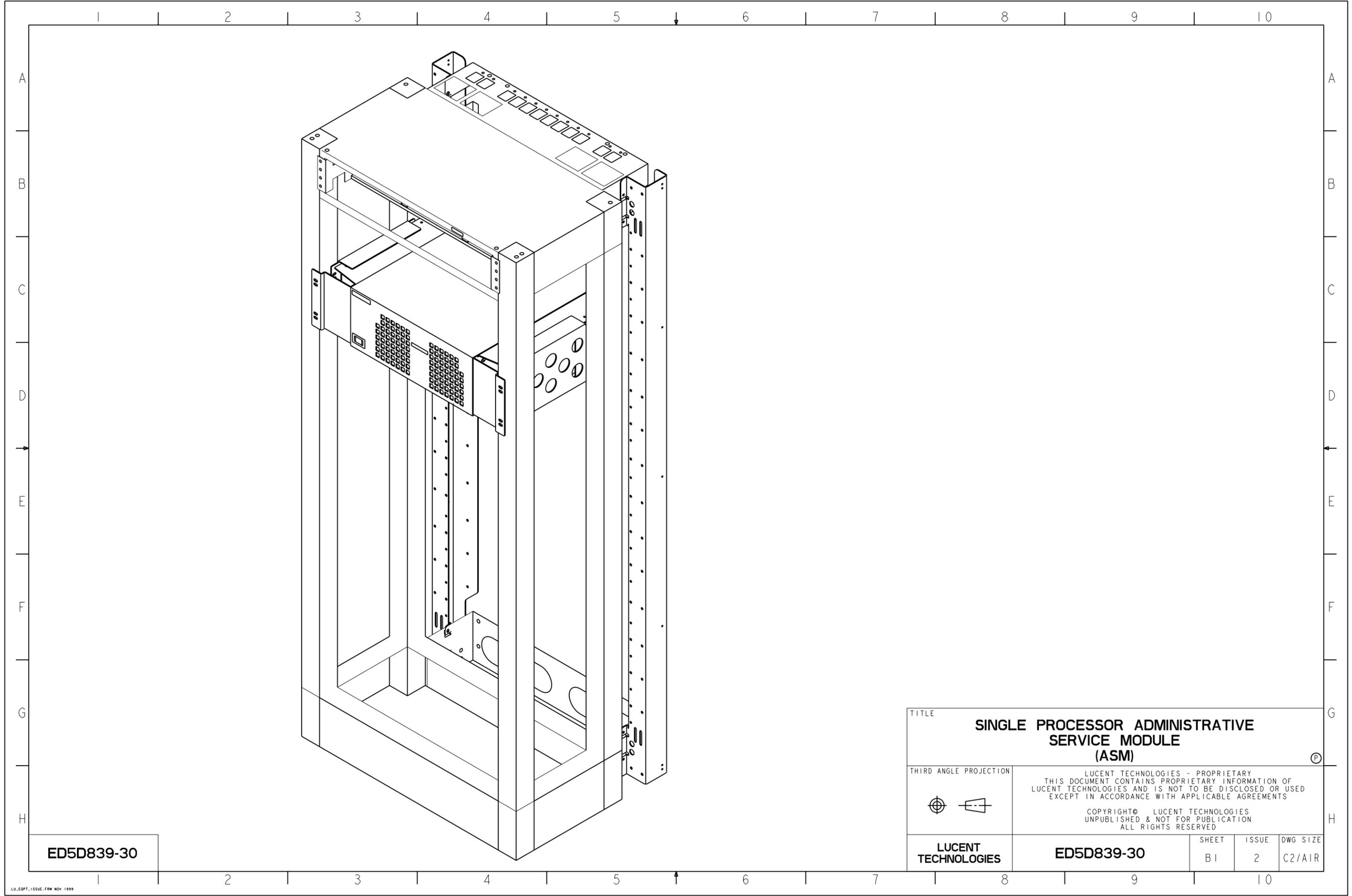
SHEET A2
OF 13

TABLE A-FEATURES (CONTINUED)

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
EQUIPMENT REQUIRED IN ADDITION TO GRP 10A TO PROVIDE A 100 FOOT TTY CABLE FROM THE ASM SERIAL PORT A, TO THE TN74B IN THE 3B21	57		46								
EQUIPMENT REQUIRED IN ADDITION TO GROUP'S 10 AND 41, 42, 43A 44A, 45 OR 46 TO PROVIDE FOR FERRITE EMI/RFI SUPPRESSORS FOR THE DUAL SERIAL CHANNEL AND TTY CABLES. REPL:NONE	21		47								
EQUIPMENT REQUIRED TO PROVIDE FOR ONE SPARE SUN NETRA-T 1120 WORKSTATION EQUIPPED WITH SUN-CD TWO (2) 18.2 GB DISK DRIVES, ONE (1) DDS3 TAPE DRIVE, ONE (1) DUAL SERIAL CHANNEL, CYB1, AND ONE (1) QUAD ETHERNET CARD (QFE) FOR THE ADMINISTRATIVE SERVICES MODULE (ASM). ALWAYS ORDER AS MAIN LIST. REPL:ED5D839-30,G31	58		200		ED5D839-30	A B C					
EQUIPMENT TO PROVIDE A SPARE 18GB DISK DRIVE FOR A SUN NETR-T ADMINISTRATIVE SERVICES MODULE. ALWAYS ORDER AS A MAIN LIST. REPL:ED5D839-30,G30			210								
EQUIPMENT REQUIRED TO PROVIDE FOR A CAT5 INTERCONNECTION CABLE TO AN ETHERNET HUB. MAX. DISTANCE (25 METERS). REPL:NONE			A								
EQUIPMENT REQUIRED TO PROVIDE FOR A CAT5 INTERCONNECTION CABLE TO AN ETHERNET HUB. MAX. DISTANCE (50 METERS). REPL:NONE			B								
EQUIPMENT REQUIRED TO PROVIDE FOR A CAT5 INTERCONNECTION CABLE TO AN ETHERNET HUB. MAX. DISTANCE (75 METERS). REPL:NONE			C								
EQUIPMENT REQUIRED TO PROVIDE FOR A CAT5 INTERCONNECT CABLE WITH AN ETHERNET HUB. MAX DISTANCE (100 METERS). REPL:NONE			D								
REQUIRED SOFTWARE FOR ASM USED FOR INTERNATIONAL HIGH SPEED BILLING APPLICATIONS. ORDERABLE FOR NEW-SHIP ASM'S AND FOR GROWTH OPTION FOR ASM'S CURRENTLY DEPLOYED. REPL:NONE			SW1								
REQUIRED SOFTWARE FOR ASM USED FOR NAR TRAFFIC TCP/IP INTERFACE APPLICATIONS. ORDERABLE FOR NEW-SHIP ASM'S AND FOR GROWTH OPTION FOR ASM'S CURRENTLY DEPLOYED.			SW2								
END OF TABLE-A											

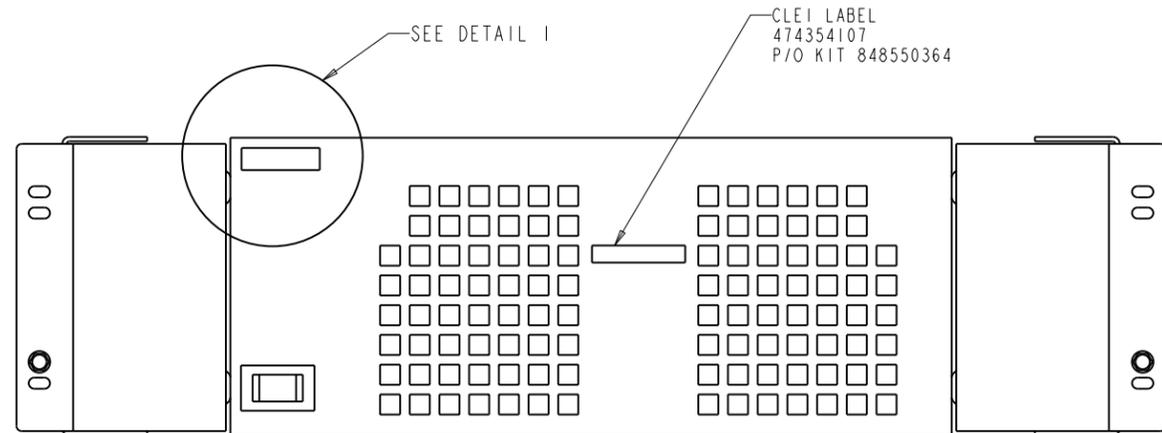
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DWG SIZE C2	ISSUE 5
LUCENT TECHNOLOGIES INC	ED5D839-30
SHEET A3 OF 13	

ED5D839-30

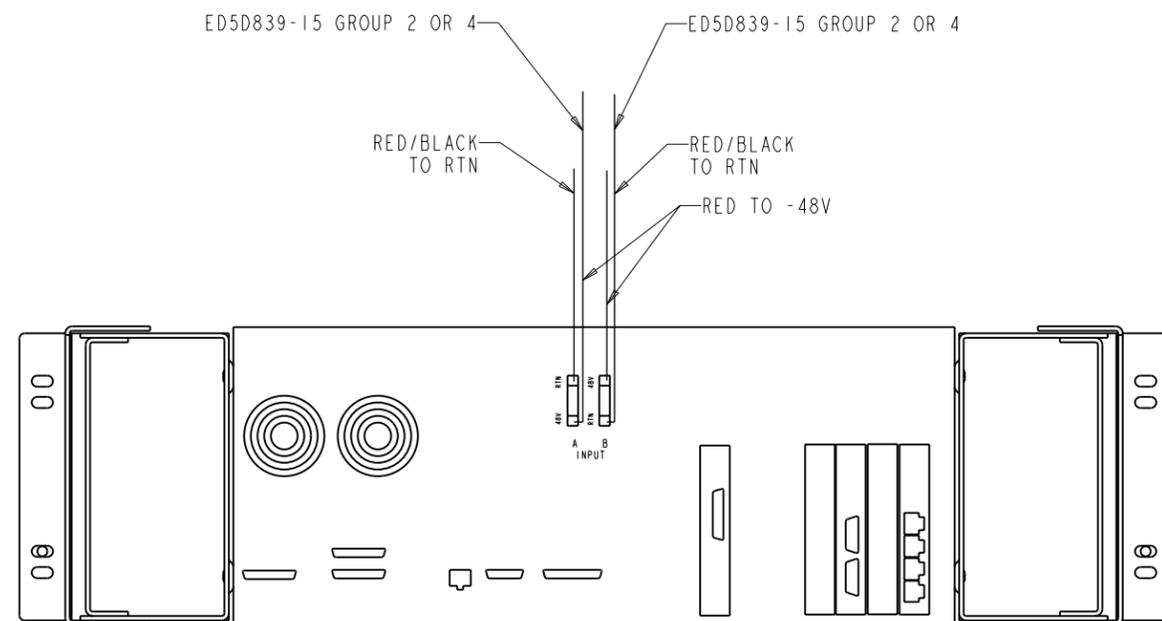


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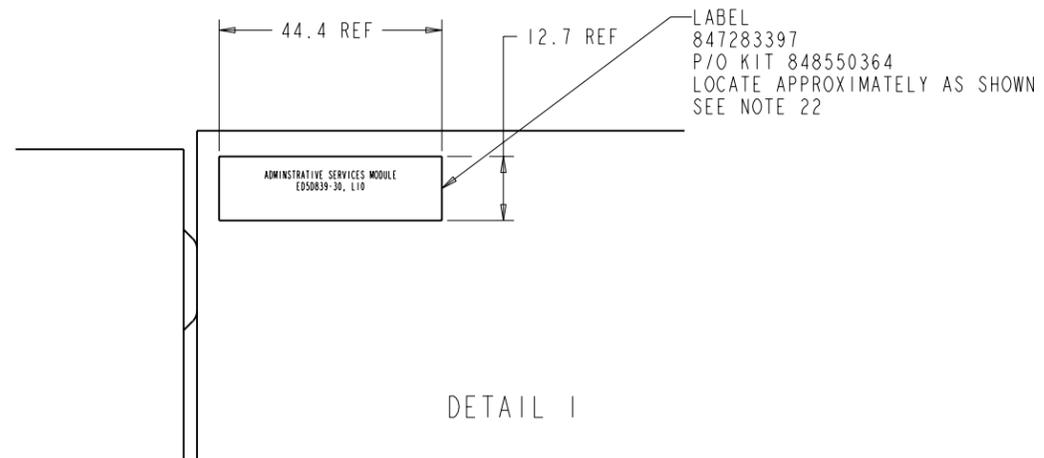
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LUCENT TECHNOLOGIES		ED5D839-30	SHEET	ISSUE
			B1	2
			DWG SIZE	
			C2/AIR	



FRONT VIEW
LABEL LOCATION



REAR VIEW
POWER CABLE



DETAIL 1

ED5D839-30

TITLE				
SINGLE PROCESSOR ADMINISTRATIVE SERVICE MODULE (ASM)				
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			DWG SIZE C2/AIR	

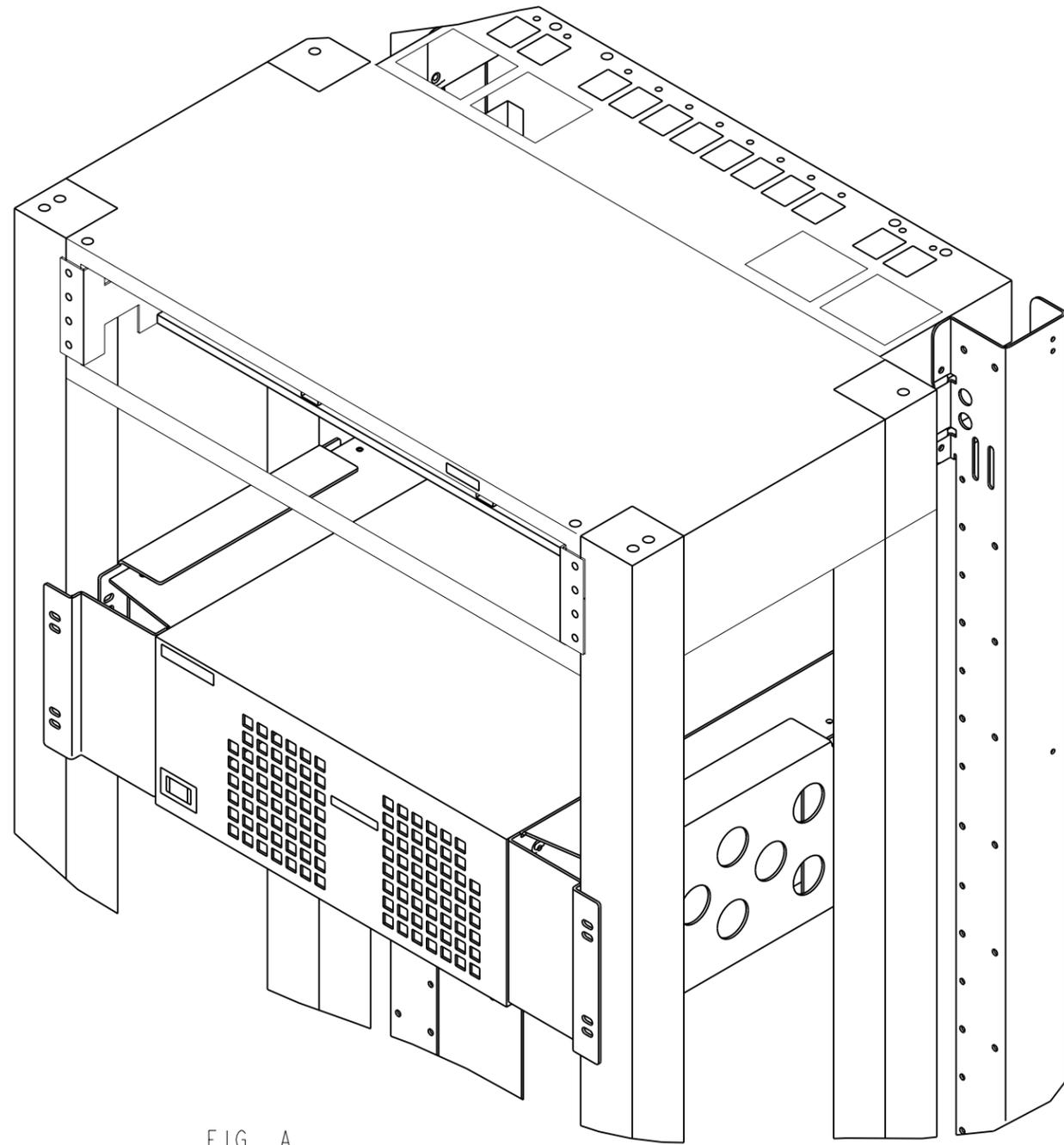


FIG. A

ED5D839-30

TITLE				
SINGLE PROCESSOR ADMINISTRATIVE SERVICE MODULE (ASM)				
(P)				
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LUCENT TECHNOLOGIES		ED5D839-30		SHEET
		B3	ISSUE	DWG SIZE
		2	C2/AIR	

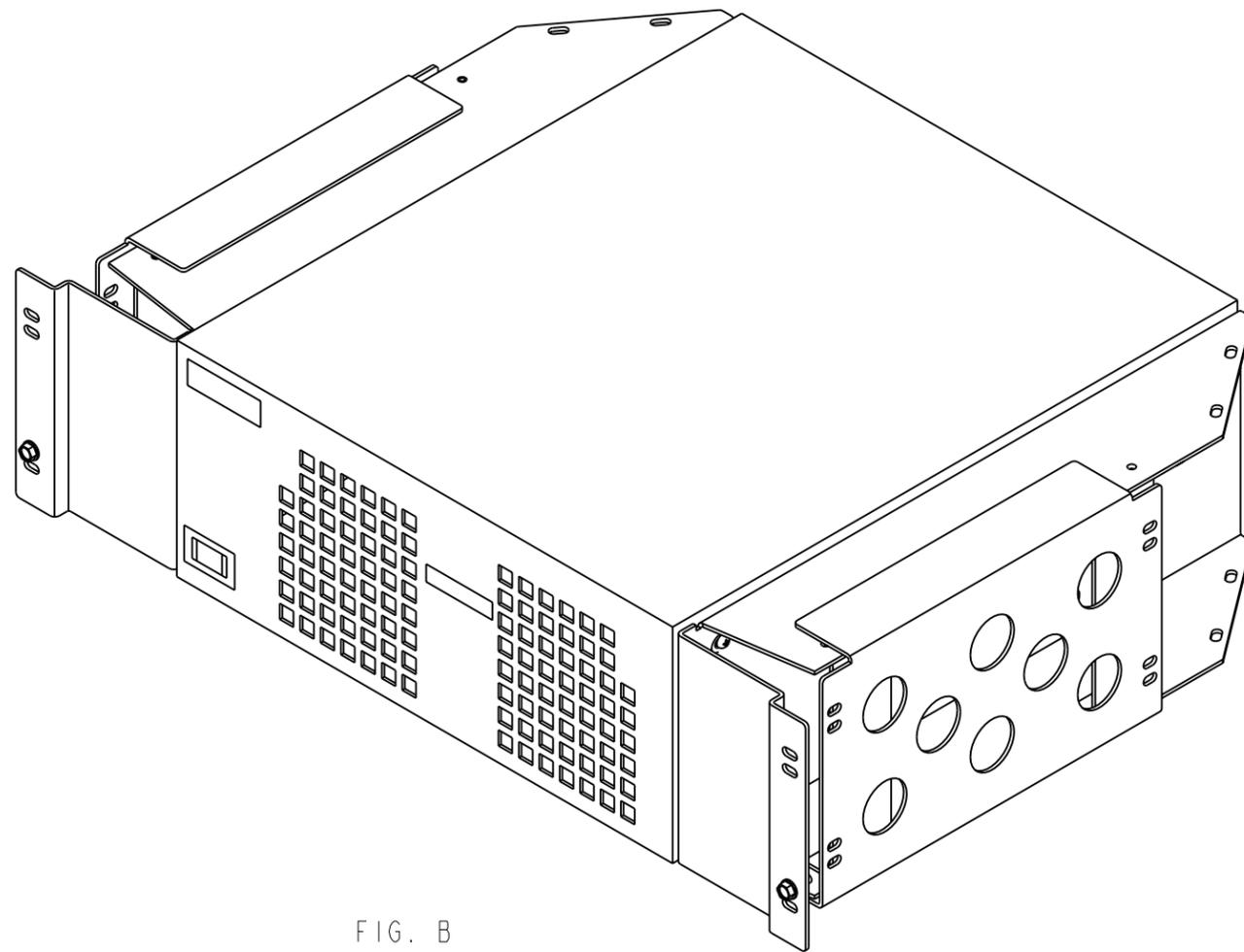
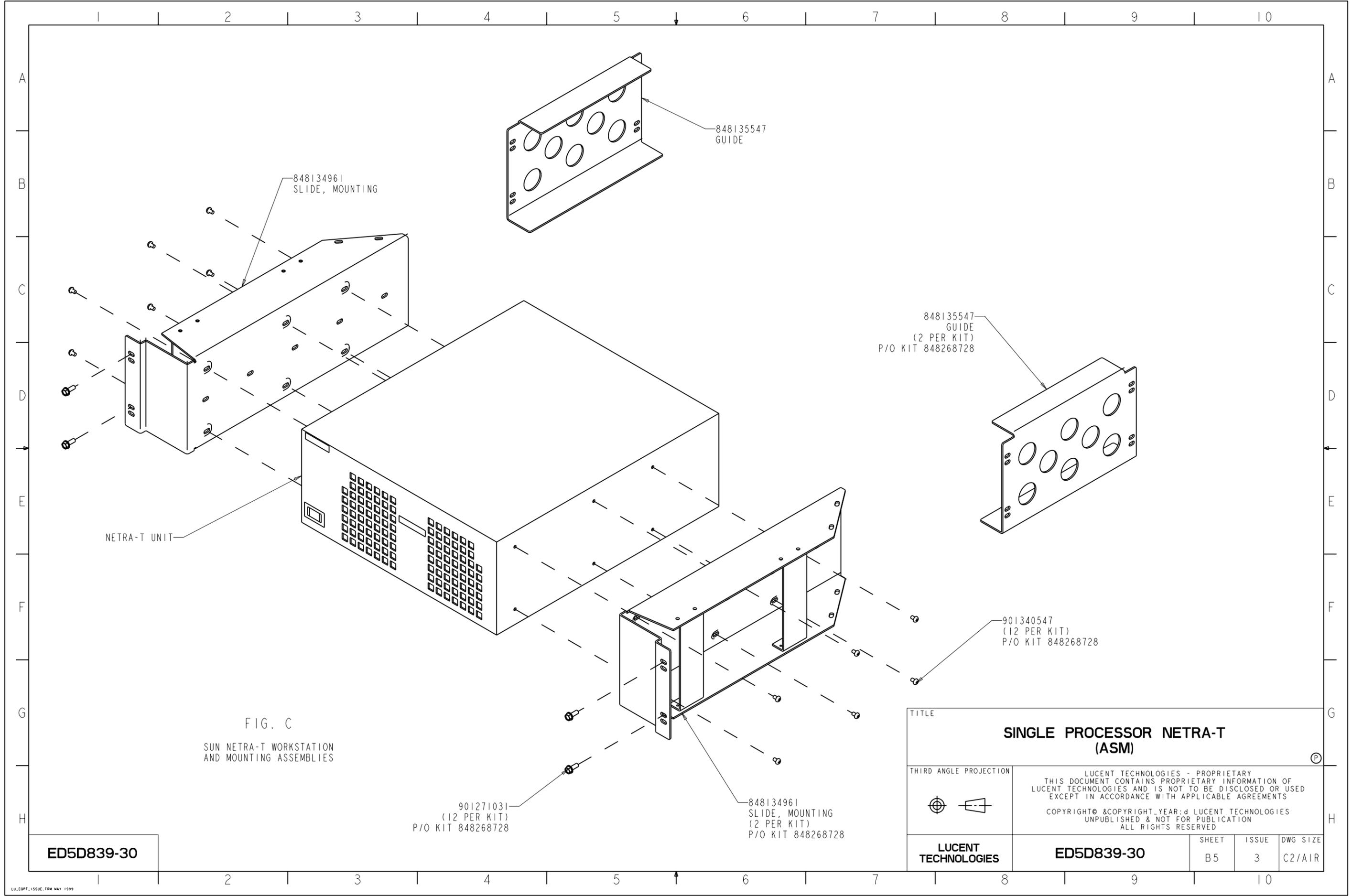


FIG. B

ED5D839-30

TITLE				
SINGLE PROCESSOR NETRA-T				
(P)				
THIRD ANGLE PROJECTION		LUCENT TECHNOLOGIES - PROPRIETARY THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF LUCENT TECHNOLOGIES AND IS NOT TO BE DISCLOSED OR USED EXCEPT IN ACCORDANCE WITH APPLICABLE AGREEMENTS		
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LUCENT TECHNOLOGIES		ED5D839-30		SHEET B4
		ISSUE 2		DWG SIZE C2/AIR



NETRA-T UNIT

848135547
GUIDE

848134961
SLIDE, MOUNTING

848135547
GUIDE
(2 PER KIT)
P/O KIT 848268728

901340547
(12 PER KIT)
P/O KIT 848268728

901271031
(12 PER KIT)
P/O KIT 848268728

848134961
SLIDE, MOUNTING
(2 PER KIT)
P/O KIT 848268728

FIG. C
SUN NETRA-T WORKSTATION
AND MOUNTING ASSEMBLIES

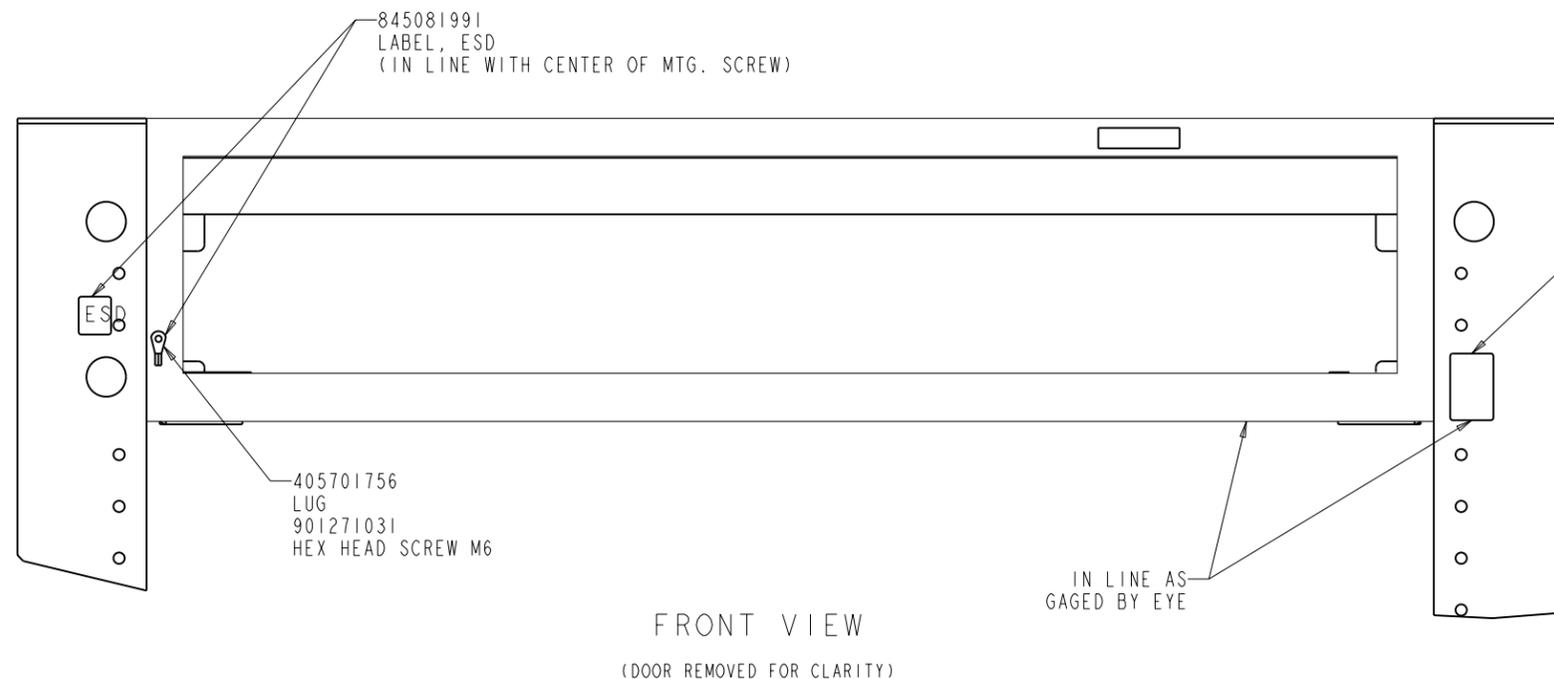
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SINGLE PROCESSOR NETRA-T (ASM)				
(P)				
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LUCENT TECHNOLOGIES	ED5D839-30	SHEET	ISSUE	DWG SIZE
		B5	3	C2/AIR

ED5D839-30

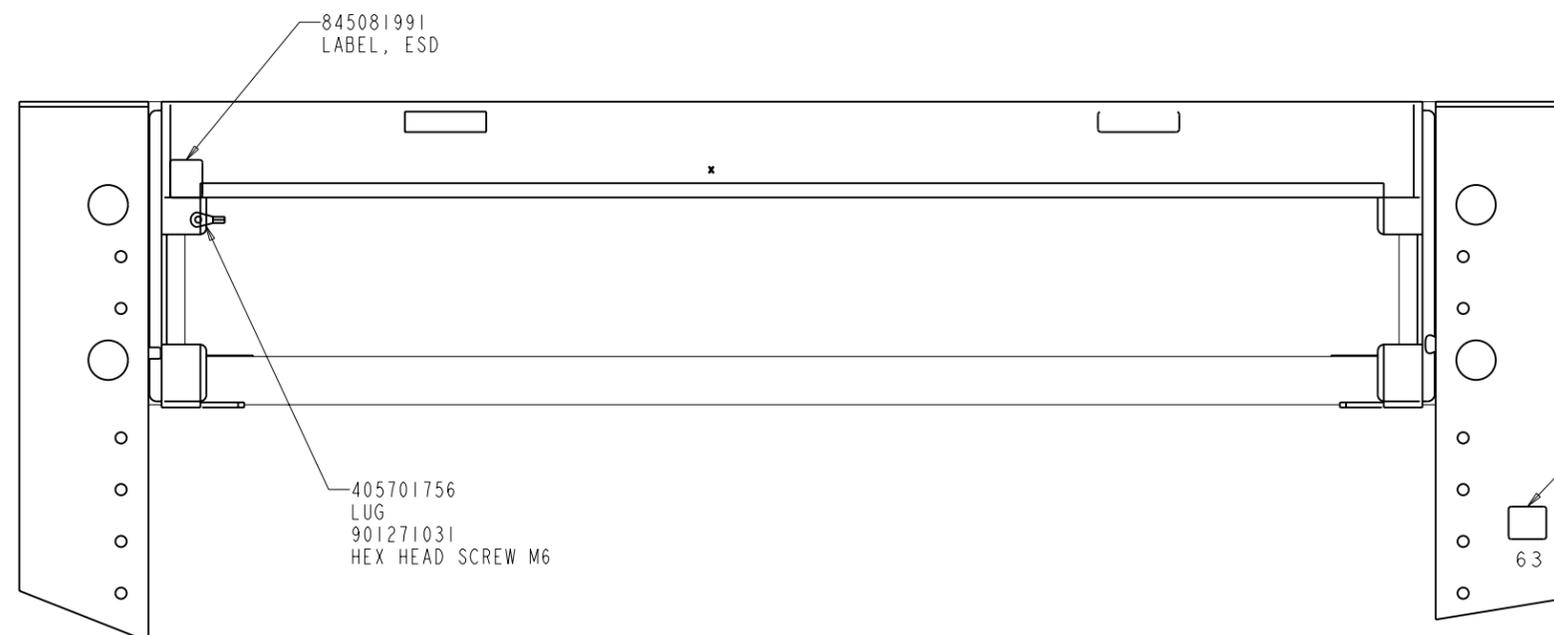
1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H



FRONT VIEW
(DOOR REMOVED FOR CLARITY)



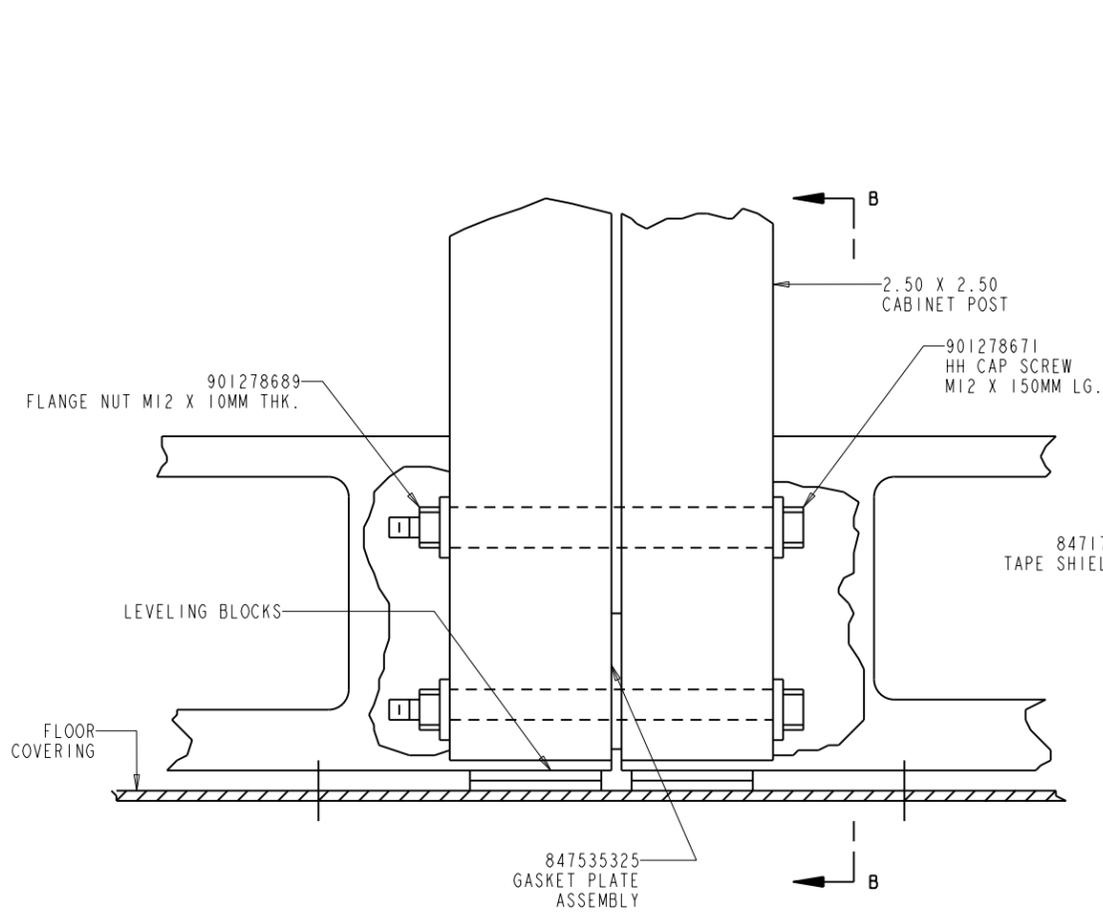
REAR VIEW
(DOOR REMOVED FOR CLARITY)

FIG. D
P/O 847513470 SAFETY KIT

ED5D839-30

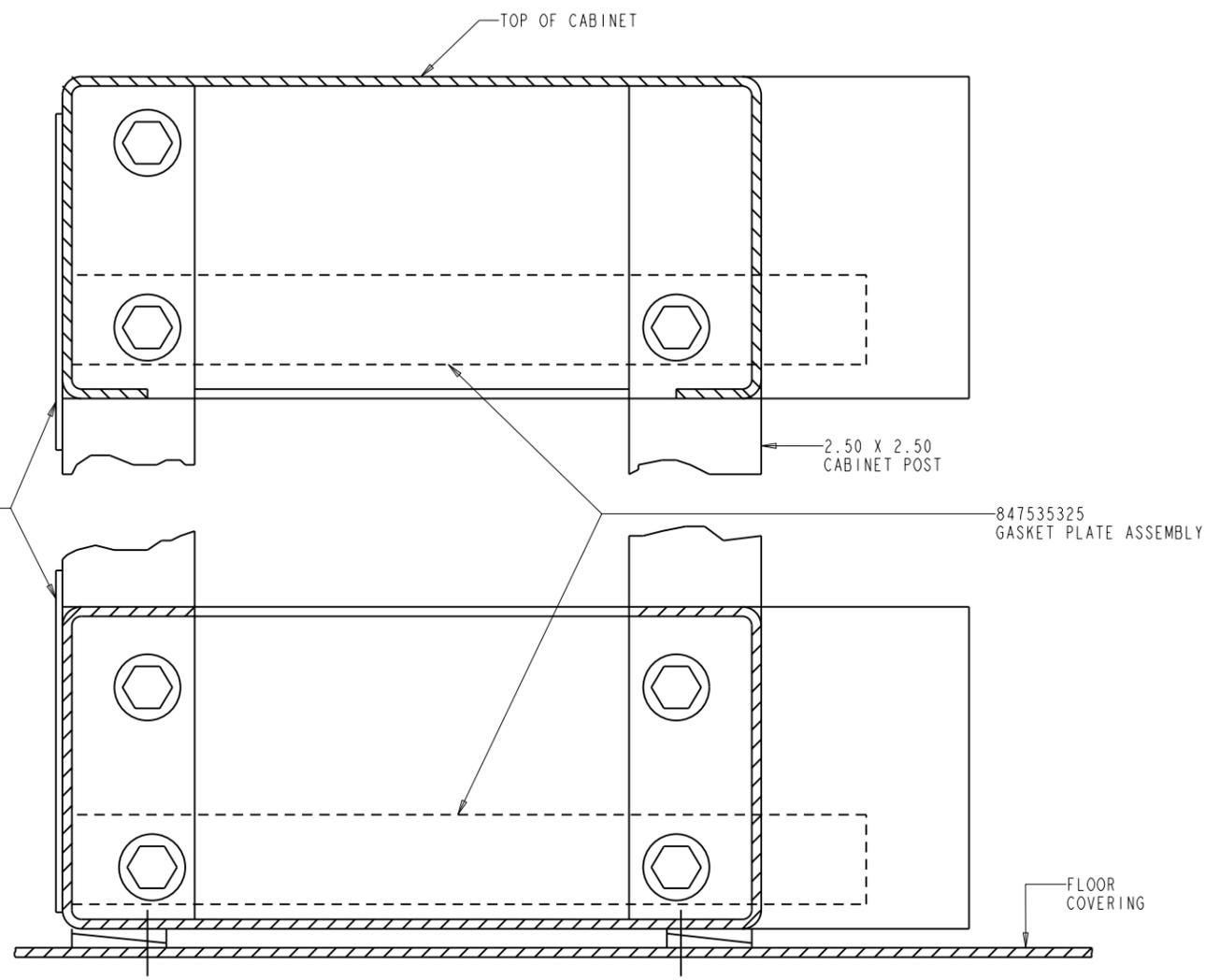
TITLE				
COMMON SWITCHING EQUIPMENT SPECIFICATION FOR SESS-2000 SWITCH CABINET PHASE 2				
(P)				
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LUCENT TECHNOLOGIES		ED5D839-30	SHEET	ISSUE
			B6	2
			DWG SIZE	C2/AIR

1 2 3 4 5 6 7 8 9 10



FRONT VIEW
(DOORS REMOVED)
METHODE OF JUNCTIONING ONE CABINET TO ANOTHER CABINET

FIG. E



VIEW B-B
(SEE NOTE 13 & 14)

TITLE				
SINGLE PROCESSOR ADMINISTRATIVE SERVICES MODULE (ASM)				
...				
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LUCENT TECHNOLOGIES	ED5D839-30	SHEET B7	ISSUE 2	DWG SIZE C2/AIR

ED5D839-30

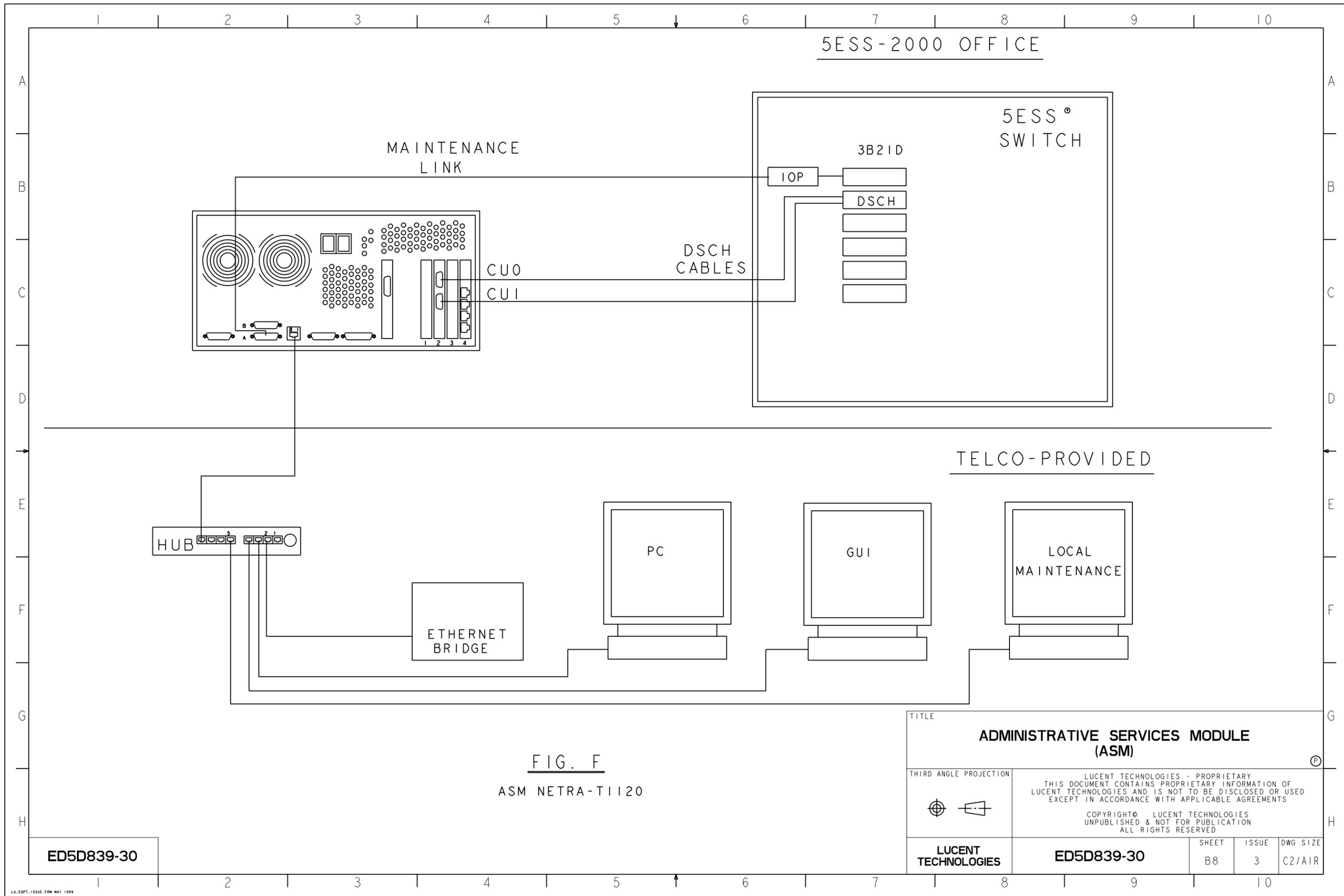


FIG. F
ASM NETRA-T1120

TITLE				
ADMINISTRATIVE SERVICES MODULE (ASM)				
(P)				
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LUCENT TECHNOLOGIES	ED5D839-30	SHEET B8	ISSUE 3	DWG SIZE C2/A1R

ED5D839-30

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MANUFACTURING NOTES

***** CONTINUED *****

23. TO REPLACE THE FILTERS, OPEN THE FRONT DOOR OF THE NETRA-T BY TURNING THE CATCHES COUNTERCLOCKWISE THROUGH 90 DEGREES AND HINGE THE DOOR DOWNWARDS. REMOVE THE EXISTING AIR FILTER AND REPLACE WITH THE NEW AIR FILTER. ENSURE THAT THE EDGES ARE TUCKED INTO THE RETAINING FLANGES ON THE FRONT DOOR. CLOSE THE FRONT DOOR OF THE NETRA-T.

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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, WHEN JUNCTIONING THE CABINETS TOGETHER IN BLOCKS OF TWO, THREE OR FOUR CABINETS.

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 15. ALL B-SHEETS SHOW MAXIMUM CONFIGURATIONS.

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. THE CYB1 DUAL SERIAL CHANNEL CIRCUIT PACK, COMCODE 108230848, IS PART OF UNIT ASSEMBLY KIT 848268496 (ITEM 1501) AND IS TO BE INSTALLED IN PCI SLOT 2, OF THE SUN NETRA-T.

X X 19. THE X1034A SUN QUAD ETHERNET CARD (QFE), COM CODE 407888171 (ITEM 2540) IS TO BE INSTALLED IN PCI SLOT 4, OF THE SUN NETRA-T.

X 20. THE AIR IS DRAWN THROUGH THE FRONT OF THE NETRA-T ENCLOSURE AND EXPELLED FROM THE REAR OF THE ENCLOSURE, POSITION UNIT AS NOT TO BLOCK AIRFLOW THROUGH THE UNIT.

X X 21. THE FERRITE 0443167251 CC# 406739151 IS TO BE ASSEMBLED TO THE DSCH CABLES, ONE EACH, AT THE CONNECTOR HOOD OF THE 9 PIN "D" SUB CONNECTOR PLUGGED INTO THE CYB1 BOARD, IN THE NETRA-T.

FERRITE 28B2025-0A0 CC# 406486803, IS TO BE ASSEMBLED TO THE TTY CABLE, AT THE CONNECTOR HOOD OF THE 25 PIN "D" SUB CONNECTOR PLUGGED INTO THE RS232 PORT OF THE SUN NETRA-T.

X 22. LOCATE CLEI LABEL 474317559 AND UNIT IDENTIFICATION LABEL 847283397 IN APPROXIMATE LOCATION SHOWN ON SHEET B2. TEXT FOR UNIT IDENTIFICATION LABEL 847283397 TO READ AS FOLLOWS:
LINE 1: "ADMINISTRATIVE SERVICES MODULE"
LINE 2: "ED5D839-30" FOLLOWED BY GROUPS BEING SHIPPED.

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BT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR THE
ADMINISTRATIVE SERVICES MODULE.
(ASM)

* LUCENT TECHNOLOGIES TRADEMARK

DWG SIZE
C2

ISSUE
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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1	1	848268454		KIT,FRAMEWORK			
1200	9	1	J5D003FJ-1,L127, LN,LCH,LCK		UNIT, MODULAR, FUSE/FILTER			
1500	31	1	408022044		COMPUTER,WORK STATION 6EGL #N04-UEC1-9S-25			
1501	10	1	848268496		KIT,UNIT ASSEMBLY			18
1505	10A,200	1	848550364		KIT,HARDWARE			
1510	10	1	108230848	CYB1	PACK,CIRCUIT			18
1700	11 11A	2	ED5D088-12,G272, G272		LABELS, FUSE			
1710	11	1	ED5D839-15,G2		ASSEMBLY, POWER CABLE			
1715	11A	1	ED5D839-15,G4		ASSEMBLY, POWER CABLE			
1720	11,11A	2	406693903	WP91768L112	FUSE,7.00 AMP FAST ACTING			
1750	13	1	848268728		KIT,ASSEMBLY MODULE			
2500	20	1	407708874		TERMINAL,ASYNCHRONOUS #2904-7110-7100			
2540	22	1	407888171		BOARD,EXPANSION #X1034A			19
2600	30	1	408018513		BOARD,BASIC, DISK DRIVE #X5232A		X	
2601	210	1	408246759		DISK #X5237A		X	
2630	35	1	408165579		FILTER,MECHANICAL, AIR #250-1392		X	23
2700	41	2	ED3T076-20,G8E		ASSEMBLY, CONNECTORIZED SWBD CABLE			
2710	41 42	1	ED3T083-30,G115B G115B		CABLE			
2720	42	2	ED3T076-20,G8F		ASSEMBLY, CONNECTORIZED SWBD CABLE			
2740	43	1	ED3T076-20,G58A		ASSEMBLY, CONNECTORIZED SWBD CABLE			
2741	43A	1	ED5D839-17,G3		CA, INTERCABINET-ASM			
2750	44	1	ED5D517-30,G15		ASSEMBLY, CONNECTORIZED CABLE			
2751	44A	1	ED5D839-17,G1		CA, INTERCABINET-ASM			
2760	45	1	ED5D839-17,G4		CA, INTERCABINET-ASM			
2770	46	1	ED5D839-17,G2		CA, INTERCABINET-ASM			
2800	47	2	406739151	443167251	CORE,SUPPRESSION		X	
2810	47	2	406486803		SUPPRESSOR,FERRITE EMI/RFI MULTI HOLE RECTANG BEAD #28B2025-0A0		X	
4000	A	1	407801398		CABLE #D8AU-25M		X	
4010	B	1	407802016		CABLE #D8AU-50M		X	
4020	C	1	407802024		CABLE #D8AU-75M		X	
4030	D	1	407802032		CABLE #D8AU-100M		X	
4100	SW1	1	408476554		SOFTWARE 8.0.3-S SOLSTICE FTAM #SOLSTICE FTAM			
4110	SW1,SW2	1	408476562		SOFTWARE .1.1-S SOLSTICE OSI #SOLSTICE OSI 8			

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

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