

ISSUE NOTES (CONTINUED)				
V00026 DA: GR 7 RMVD: TA DESCR. GR F1 & F2 RMVD REF. TO RS232 HUB & GR 7. GR 10 RATING OF NRTO RMVD. GR 8 DESCRIPTION RMVD DUPLICATE WORD "CABINET". ADDED: EN 72 CHGD: SL 1155 WAS "407911700". EN 64 READ "FOR SUPPORT OF REL. 4 OLM". ADDED: SHT. B5 STAMP AND LABEL INFORMATION TO REAR VIEW. SHT. B6 REFERENCE TO PDS REL. 2.0 FUSE LABEL CALLOUT. SHT. B8, B9, B15, B16, B20, B21, B25, B26, B29, B31, B32, B35, B36 & B44 "DA" REFERENCE TO XYPLEX HUB CALLOUT. SHT B29 & B44 "DA" REFERENCE TO SHEET TITLE SHT B39 ADDED EMS PROCESSOR KIT, 848578506. SHT B40 PTS ONELINK PROCESSOR, 848578506. SHT B41 NETRA-T 3 AT EQL [051] BOTH VIEWS. SHT B42 MTG GUIDES AT LOCATION 1201[47.3]. SHT B43 4" CABLE ROD KIT (847169232) AT LOC. 1422[56.0]. SHT E2 SHEET NOTES 3 & 4; TWO FUSE ALARM MULT ROWS, NAVIS CORE NATIVE EMS ROW & AQUEVIEW NATIVE EMS ROW. CHGD: SHT B7, B8, B20, B25, B31 & B35 MAGNUM HUB (3012) WAS COMCODE 407911700. SHT B13 CBX500 COMCODE WAS 408360964. SHT B20 MAGNUM HUB COMCODE WAS 407911700. SHT B39 CG PROCESSOR KIT WAS 848483426. SHT B40 4" CABLE ROD QTY WAS 2; NAVIS CORE NAT. EMS 848578506 WAS "PDS EMS PROCES. (848405395) OR PDS EMS (848523049)"; AQUEVIEW NAT. EMS (848578506) WAS "PTS EMS PROCESSOR (848494852)." SHT B40, B41, B42 & B43 TITLE READ "OLM CABINET CONFIG WITH 1 PDS EMS & PTS EMS." SHT B41 NETRA-T 2 WAS "PTS EMS"; NETRA-T 1 WAS "PDS EMS". SHT E1 TITLE READ "TABLE AA (RELEASE 1 & 3)". SHT E2 TITLE READ "TABLE AB (RELEASE 4-NRTO)"; PTS ONELINK WAS "PTS EMS PROCESSOR"; CABLE ROD QTY FOR PDS OLM CAB. WAS 2. SHT E3 TITLE READ "TABLE AB (RELEASE 4 - NRTO)(CONT.)". SHT E4 TITLE READ "TABLE BA (RELEASE 1 & 3)". SHT E5 TITLE READ "TABLE BB (REL. 4 - NRTO)"; PDS OLM QTY OF POW. & MFFU FEEDERS WAS 4, A BUS & B BUS ASSIGN. WERE "(1)047, (1)063 AND (1)123" RESP, CURRENT DRAIN WAS (4) 8A. RMVD: SHT B39 PDS EMS PROCES. KIT 848405395, PTS EMS PROCES. KIT 848494852, PDS EMS PROCES. KIT 848523049. SHT E2 RS-232 HUB XYPLEX 1620 ROW AND PDS EMS ROW. ORIG ISS: 01/12/99 NDD NBR: WS0000076 CHANGE CLASS: B DRAFT: MIG ENGR: MIG SUPV: FNG CERTIFIED: 07/31/00 ISSUE: 6				

ISSUE NOTES (CONTINUED)				
H8642: ADDED ENG NOTES 62 - 68. ADDED "FOR THE RAC CONFIG- URATIONS ONLY" TO ENG NOTE 61 & TBL A L3A DESCRIPTION. ADDED TBL A LISTS 4-8 & E-G. ADDED SHTS B7-B19. ADDED MISC TBL AB. ADDED SL ITEMS 1150, 1180, 1200-1220. ON SHT B1, ADDED HUBS 1016 & 800E & CALLOUTS TO CABINET VIEW. ON SHT B2, ADDED HUBS AT VERTICAL EQLS 065 & 061 TO FRONT AND REAR VIEWS. ON SHT B6, CHANGED RAC CABINET GROUP NUMBERS & ADDED ATM, EXP FUSE LABEL GROUPS. ADDED NOTE 500 TO TBL A LISTS 4 & 6. ON SHT B2, ROUNDED OFF BOTTOM DIM 153; CHANGED FIG A TITLE. ON SHT B3, CHANGED FIG B TITLE. ON SHT B4, CHANGED FIG C TITLE. REPLACED "X" WITH "*" IN SL ITEMS 1120 & 1140. REMOVED REF TO NOTE 500 FROM TBL A LISTS B & D. LINED OUT MFG NOTES 21 & 22. H8739: ADDED MFG NOTE 23. ADDED ENG NOTES 66 & 67. ADDED SHTS B20-B24. ADDED TBL A LISTS F1 & F2. ADDED ST ITEMS 1250 & 1260. ON SHT B1 & B2, ADDED L174 TO MFFU CALLOUT, ADDED L500 TO FAN UNIT CALLOUT. ON SHT B1, ADDED (1 KIT PER RACU) TO RACU FASKIT CALLOUTS, TWO PLACES; ADDED (2 PLACES) TO CABLE ROD CALLOUT. ADDED BRKT DIMS ON SHT B3. ADDED MTG BRKT & SUPPORT CALLOUTS ON SHT B3. ADDED CABLE ROD CALLOUT ON SHT B4. ADDED GROUPS FOR RAC2 CABINET ON SHT B6. MOVED CONFIG TBL AA FROM ENG. NOTE 54 TO SHT E1. REWORKED ENTIRE MISC TABLE AA. REWROTE ENG NOTE 54. CHANGED P1 TITLE ON SHT B1. GLOBAL FRAME CALLOUT WAS 847265722 ON SHT B1 & IN ST ITEM 1000 PROD IDENTIFIER. ON SHT B6, RAC CABINET FUSE LABEL GROUPS WERE G275A, G275B, G275C. ROUNDED UP DIMS ON SHT B3. REMOVED FAN UNIT MTG BRKT CALLOUT ON SHT B1. REMOVED FUSE PANEL FRONT VIEW ON SHT B6. THIS ISSUE INCORPORATES COORDINATING NDD CASE #'S H8642 & H8739. ORIG ISS: 01/12/99 CHANGE CLASS: B DRAFT: PJV ENGR: PJV SUPV: FNG CERTIFIED: 10/21/99 ISSUE: 4 V00001 SEE SHT C1 FOR 5 ISSUE NOTE. ORIG ISS: 01/12/99 NDD NBR: WS9900001 CHANGE CLASS: B DRAFT: MIG ENGR: MIG SUPV: FNG CERTIFIED: 04/17/00 ISSUE: 5				

ISSUE NOTES				
THIS IS ISSUE 1 OF THE DRAWING. ORIG ISS: 01/12/99 NDD NBR: NDD5D061A-3 CHANGE CLASS: B DRAFT: PJV ENGR: KSW SUPV: FNG CERTIFIED: 01/12/99 ISSUE: 1 CN94509: ADDED LIST K5 TO ENGINEERING NOTE 54, FAN EQUIPPAGE. ORIG ISS: 01/12/99 NDD NBR: CN94509 CHANGE CLASS: A DRAFT: PJV ENGR: KSW SUPV: FNG CERTIFIED: 05/10/99 ISSUE: 2 H8601: ADDED: MFG NOTE 22. ST ITEMS 1001 & 1080. ON SHT B2, CALL-OUT IN REAR VIEW; DIMS 153.17[6.0] AND .00[.0] IN FRONT VIEW. ENG NOTE 54, ADDED MFFU FEEDER INFORMATION. CHANGED: ENG NOTE 54, CHANGED FAN UNIT AND MFFU EQUIPPAGE. ENG NOTE 57, CABLE ROD KIT WAS 847513546. ENG NOTE 61, READ PLENUM ASSY AND LIST 3. MFG NOTE 18, CHANGED PLENUM TO PLENUM KIT. ST ITEM 1010 WAS 847513546. ON ALL B SHT TITLE BLOCKS SAID B* OF 6. ON SHT B1, NEW PLENUM PLATE AND PLENUM ASSY KIT REF. ON SHT B2, PLENUM GRAPHICS WERE UPDATED TO SHOW NEW PLENUM PLATE. REMOVED: DA'D LIST 3, REPLACED WITH LIST 3A. LINED OUT ST ITEMS 1020 THRU 1060. ON SHT B2, REMOVED CENTERLINES FROM VIEWS. ON SHT B3, DELETED PLENUM MOUNTING GUIDES. ORIG ISS: 01/12/99 NDD NBR: NDD5D061NW-4 CHANGE CLASS: B DRAFT: PJV ENGR: WAG SUPV: FNG CERTIFIED: 06/16/99 ISSUE: 3				

SHEET INDEX												
SHT NBR	A1 THRU A3 ISSUE 6											
ISSUE												
SHT NBR	D1 THRU D2 ISSUE 6											
ISSUE												
SHT NBR	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	
ISSUE	5	5	5	5	6	6	6	6	6	5	5	
SHT NBR	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	
ISSUE	5	6	5	6	6	5	5	6	6	5	5	
SHT NBR	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	
ISSUE	5	5	6	6	5	5	6	5	6	6	5	
SHT NBR	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	
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SHT NBR	B45											
ISSUE	5											
SHT NBR	C1											
ISSUE	5											
SHT NBR	E1	E2	E3	E4	E5							
ISSUE	6	6	6	6	6							
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5ESS(R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		BT13
DWG SIZE C2	ISSUE 6	
LUCENT TECHNOLOGIES INC		J5D061A-1
		SHEET A1 OF 56

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
ASSEMBLY AND EQUIPMENT REQUIRED FOR ONE (1) 5ESS-2000 CABINET. ML REPL:J5D003N-1,L1A	499		1	1	ED5D785-70	1A					
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE ONE 4" CABLE ROD KIT.	57		2								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE ONE PLENUM ASSEMBLY. DA EFF:04/06/99 FE:J5D061A-1,L3A	61	DA	3								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1, FOR RAC CONFIGURATION ONLY, TO PROVIDE ONE PLENUM KIT. REPL:J5D061A-1 L3	61		3A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE 10BASE T ETHERNET CONNECTION. DA EFF:04/24/00 FE:J5D061A-1,L4A	54 500	DA	4								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE 10BASE T ETHERNET CONNECTION FOR RAC, RAC2, ATM, ATM2, EXP2, & GWC CABINETS. REPL:J5D061A-1,L4	54 500		4A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE 10BASE T ETHERNET CONNECTION FOR EXP CABINET.	54 71 500		5								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE 10BASE T ETHERNET CONNECTION.	54 500		6								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE AN RS232 HUB. DA EFF:08/07/00 FE/RA: NONE	54 500	DA	7								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE A CABINET LABELING KIT.			8								
RESERVED			9								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE ONE AIR DEFLECTOR KIT FOR AN ATM2 CABINET.	68		10								
EQUIPMENT REQUIRED WHEN NON-UNITIZED SHIPMENT IS REQUIRED FOR ONE 5ESS-2000 GLOBAL CABINET IN NON-EMC TREATMENT APPLICATIONS. (PROVIDES FOR REMOVAL OF INTERBAY CABLING.) DA EFF:04/24/00 FE/RA:NONE	60	DA	B								
EQUIPMENT REQUIRED WHEN NON-UNITIZED SHIPMENT IS REQUIRED FOR ONE 5ESS-2000 GLOBAL CABINET. (PROVIDES FOR REMOVAL OF INTERBAY CABLING.)			D								
POWER LINE FILTER REQUIRED FOR MESH GROUNDING. QTY: ONE (1) PER POWER FEEDER. DA EFF:04/24/00 FE/RA:NONE	64 69	DA	E	1							
POWER LINE FILTER REQUIRED FOR SINGLE POINT GROUNDING. QTY: ONE (1) PER POWER FEEDER. DA EFF:04/24/00 FE/RA:NONE	65 69	DA	F	1							
RESERVED			G								

TABLE-A CONTINUED

J5D061A-1

ENGINEERING NOTES

***** CONTINUED *****

- * ORACLE TRANSACTION LOG IS AN UNKNOWN AT THIS POINT - 3 REDO LOGS WITH 20 MEGABYTES PER LOG
- * FOLLOW THE EXAMPLE BELOW TO ESTIMATE GROWTH/SIZE OF RABM DATA SPACE REQUIREMENT FOR ORACLE DB
- * USER INFORMATION = 500M OR LESS FOR 100,000 USERS SUCH AS SERVICES, PERSONAL INFORMATION, CUSTOMER, CONFIG INFO, ETC. (16M / 800 USERS)
- * ACCOUNTING INFORMATION = 700 BYTES PER RECORD
- * TO ESTIMATE # AAA RECORDS PER SECONDS = [(# OF PORTS) / (AVG SESSION DURATION IN SECONDS)] * (PORTMASTER LOAD)
- * FOR EXAMPLE:
4 X PM4S (TO SIMPLIFY MATTER, EACH PM4 = 800 PORTS)
AVG SESSION TIME = 20 MINUTES -> 20*60 -> 1200 SECONDS
PORTMASTER LOAD FACTOR = 80% BUSY AT ALL TIME
(4*800) / 1200 * .8 = 2.13 RECORDS / SEC
A DAY = 24HRS * 60MIN * 60SEC * 2.13 * 700BYTES = 128822400BYTES
- 64. FOR SUPPORT OF PDS REL. 2.0 OLM CABINET AN ADDITIONAL SUPPORT USER CLIENT TERMINAL IS REQUIRED. THE PC MUST MEET THE FOLLOWING MINIMUM REQUIREMENTS:
A PENTIUM II 333 MHZ OR EQUIVALENT WITH NETSCAPE 4.6.1 MINIMUM, ADOBE ACROBAT READER 3.0 MINIMUM, E/W 64MB SDRAM MEMORY, 4.3GB ULTRA ATA HARD DRIVE, INTEGRATED 1.44MB 3.5" FLOPPY DISKETTE DRIVE, MINIMUM OF 2 ETHERNET PORTS, & ABILITY TO SUPPORT TELNET SESSIONS.
- 65. \$THIS POWER LINE FILTER ASSEMBLY IS USED ONLY IN CONJUNCTION WITH A SINGLE POINT GROUND SYSTEM FOR THE 5ESS-2000.\$
- 66. THE RAC2 CABINET CAN ACCOMODATE UP TO 3 MAXTNT UNITS. THE FIRST MAXTNT EQUIPPED IN THE CABINET SHOULD BE LOCATED AT EQL 014, THE SECOND UNIT AT EQL 030, AND THE THIRD UNIT AT EQL 046. THE EXP2 CABINET CAN ACCOMODATE UP TO 3 PSAX2300 UNITS. THE FIRST PSAX2300 EQUIPPED IN THE CABINET SHOULD BE LOCATED AT EQL 016, THE SECOND UNIT AT EQL 034, & THE THIRD UNIT AT EQL 052.
- 67. LIST F1 ORDERS THE HORIZONTAL MOUNTING KIT FOR THE 10 BASE T, 100 BASE T, & THE RS232 HUB IN THE RAC, RAC2, EXP2, ATM, ATM2 & GWC CABINETS. LIST F2 ORDERS THE VERTICAL MOUNTING KIT FOR THE 10 BASE T & RS232 HUB IN THE EXP CABINET.
- 68. FOR THE ATM2 CONFIGURATION, AN AIR DEFLECTOR KIT IS ALWAYS REQUIRED. LINE ENGINEER TO ORDER LIST 10 IN ACCORDANCE.
- 69. FOR POWER FEEDERS QTY & CONFIG, SEE MISC CONFIG TBL BA & BB.
- 70. APPLICATIONS SCHEMATIC TO SUPPORT PDS IS SD5D564-01.
- 71. PORT 1 OF THE EM HUB MUST ALWAYS BE CONNECTED TO THE EMS WORKSTATION. WHEN THERE ARE MULTIPLE CABINETS AND ONE EMS WS, ONE CABINET MUST HAVE ITS EM HUB PORT 1 CONNECTED TO THE EMS. THE OTHER CABINETS EM HUB PORT 1 ARE CONNECTED TO THE EM HUB OF THE CABINET CONNECTED TO THE EMS. THE SWITCH FOR PORT 1 ON ALL HUBS SHOULD BE IN THE STRAIGHT THRU POSITION (TO THE LEFT).
- 72. PDS EQUIPMENT IS DESIGNED FOR USE WITH 120 OHM OFFICE. CUSTOMERS WITH 75 OHM OFFICES MAY CHOOSE TO PURCHASE A BALUN ADAPTER PANEL, WHICH WILL CONVERT T1/E1 LINES FROM 120 OHM TO 75 OHM FOR USE IN THEIR NETWORK. THIS ADAPTER PANEL CONVERTS 120 OHM LINES EQUIPPED WITH RJ48 CONNECTORS TO 75 OHM COAX, TX AND RX LINES WITH BAYONET STYLE BNC CONNECTORS. THIS BALUN ADAPTER PANEL MAY BE ORDERED FROM BLACK BOX USING THE ORDERING CODE MT243A.
- 499. EACH CABINET MUST BE EQUIPPED WITH TWO 5ESS DOOR ASSEMBLIES WHICH ARE ORDERED PER ED5D785-70. THE CORRECT GROUP MUST BE SPECIFIED TO PROVIDE EMC DOORS.
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 COMPATIBLE INDICATOR STRIP ASSEMBLIES. THE LED INDICATOR STRIP (FAN AND FUSE) WILL BE MOUNTED ON THE FRONT OF THE CABINET AND THE BLANK INDICATOR STRIP WILL BE MOUNTED ON THE REAR OF THE CABINET.
CABINETS MUST BE EQUIPPED WITH ONE "EMC FRAME ADDITION KIT" WHICH IS ORDERED PER ED5D785-70, GROUP 4.
POWER LINE FILTERS REQUIRED FOR MESH & SINGLE POINT GROUNDING ARE ORDERED PER ED5D832-70.
CABINETS MUST BE EQUIPPED WITH ONE CABLE CONNECTING THE CABINET LEDS TO THE ALARM CARD IN THE MFPU, WHICH IS ORDERED FROM ED5D734-14, GROUP 19.
- 500. THIS LIST OR GROUP MAY BE SPECIFIED AS A MAIN OR SUPPLEMENTAL ITEM.

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. THIS CABINET WILL BE USED FOR ALL 7R/E PDS APPLICATIONS.
- 54. CABINET CONFIGURATION INFORMATION CAN BE FOUND IN MISC TBL AA, AB & ASSOC NOTES. THIS TABLE IS TO BE USED FOR ORDERING PURPOSES.
- 55. \$CABINET MAY BE EQUIPPED WITH AN ALARMED INDICATOR STRIP ON THE FRONT OF THE CABINET AND A BLANK INDICATOR STRIP ON THE REAR OF THE CABINET. TOTAL OF TWO (2) INDICATOR STRIPS REQUIRED PER CABINET.\$
- 56. THE MOUNTING GUIDES ARE TO BE ENGINEERED IN THE CABINET BASED ON THE UNITS EQUIPPED. MOUNTING EQL'S SHALL BE SPECIFIED PER APPLICATION.
- 57. CABLE ROD KIT 847325891 IS TO BE USED AND PLACED AT THE SPECIFIED EQL'S PER THIS DRAWING.
- 58. THIS CABINET IS TO BE EQUIPPED WITH MODULAR FUSE/FILTER UNIT (MPFU) J5D003FJ (). GO TO MISC. CONFIGURATION TABLE AA & AB FOR LIST.
- 59. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATES HORIZONTALLY LINED OUT INFORMATION.
- 60. \$ NON-UNITIZED LISTS, B OR D, ARE ORDERED FROM THIS DRAWING, J6D061A-1. \$
- 61. FOR THE RAC CONFIGURATION, A PLENUM KIT IS ALWAYS REQUIRED. LINE ENGINEER TO ORDER LIST 3A IN ACCORDANCE.
- 62. ALL CONFIGURATIONS REQUIRE SUPPORTING EQUIPMENT FOR THE OFFICE AND THEIR APPLICATIONS:
REL. 3 REQUIRES STAND ALONE EMS WORKSTATIONS -
ATM & EXP CONFIGURATIONS REQUIRE:
SUN ULTRA 60 MODEL 2360 WITH SUN SOLARIS 2.6,
W/ CLUSTER PATCH INSTALLED, NETSCAPE COMM. 4.6.1
MINIMUM, ACROBAT READER 3.0 MINIMUM, E/W 1GB RAM, 2 INTERNAL 9GB DISK DRIVES, AND ONE 12 GM 4MM DDS-3 TAPE DRIVE IN A UNIPACK DESKTOP ENCLOSURE FROM SUN MICROSYSTEMS.
RAC2 CONFIGURATIONS REQUIRE:
ONE TO TWO RAC2 CABINETS - SUN ENTERPRISE 3000 WITH SUN SOLARIS 2.6 W/ CLUSTER PATCH INSTALLED, & NAVIS ACCESS 4.3 E/W 1 ULTRA SPARC II 336MHZ, 256MB RAM, AND 10GB DISK DRIVE.
THREE TO EIGHT RAC2 CABINETS - SUN ENTERPRISE 3000 WITH SUN SOLARIS 2.6 W/ CLUSTER PATCH INSTALLED & NAVIS ACCESS 4.3 E/W 2 ULTRA SPARC II 336MHZ, 512MB RAM, AND 20GB DISK DRIVE.
ONE (1) WORKSTATION FOR ADMINISTRATIVE "RADIUS ABM PREMIUM" SOFTWARE. SOFTWARE IS ORDERED FROM J5D062A-1.
ADMINISTRATIVE WORKSTATIONS CAN BE SUN ULTRA60 MODEL 2360 WITH SUN SOLARIS 2.6 W/ CLUSTER PATCH INSTALLED & TWO 100 MBIT ETHERNET PORTS, ULTRA SCSI 2X360 MHZ, CREATOR 3D, SERIES 3 GRAPHICS, AND 512 MBYTES. 32X INTERNAL CD-ROM DRIVE FOR ULTRA60.
ADMINISTRATIVE WORKSTATIONS REQUIRE "JAVA" AND "ORACLE B."
DISK CAPACITY FOR THE WORKSTATION IS SIZED TO CUSTOMERS ENVIRONMENT (SEE NOTE 63). POSSIBLE RECOMMENDATION IS 9.1 GBYTE 7200RPM FOR THE INTERNAL DISK.
- 63. DISK CAPACITY CALCULATION:
* ABM APPLICATION - 50M
* ROLLBACK SEGMENT
* 4 DB CONNECTIONS PER ROLLBACK SEGMENT (DEPENDS ON THE CONNECTION SPECIFIED IN RABM.PROPS)
* EACH ROLLBACK SEGMENT - 5M
* IN GENERAL, 10 ROLLBACK SEGMENT IS GOOD ENOUGH FOR RABM
----- CONTINUED TO THE LEFT -----

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BT13

5ESS(R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER SOLUTIONS
CABINET

DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES INC J5D061A-1

SHEET A2 OF 56

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
FINAL ASSY KIT TO MOUNT A 10BASE T OR 100BASE T HUB HORIZONTALLY IN A CABINET. ONE IS REQUIRED IN ADDITION TO EACH LIST 4A OR 6.	67		F1							
FINAL ASSY KIT TO MOUNT A 10BASE T HUB VERTICALLY IN A CABINET. ONE IS REQUIRED IN ADDITION TO EACH LIST 5.	67		F2							
END OF TABLE-A										

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BT13

5ESS(R) SWITCHING EQUIPMENT
 SPECIFICATION FOR
 7R/E PACKET DRIVER SOLUTIONS
 CABINET

DWG SIZE C2 ISSUE 6

J5D061A-1

LUCENT TECHNOLOGIES INC J5D061A-1

SHEET A3 OF 56

1.20
Create
COMMON_HARDWARE

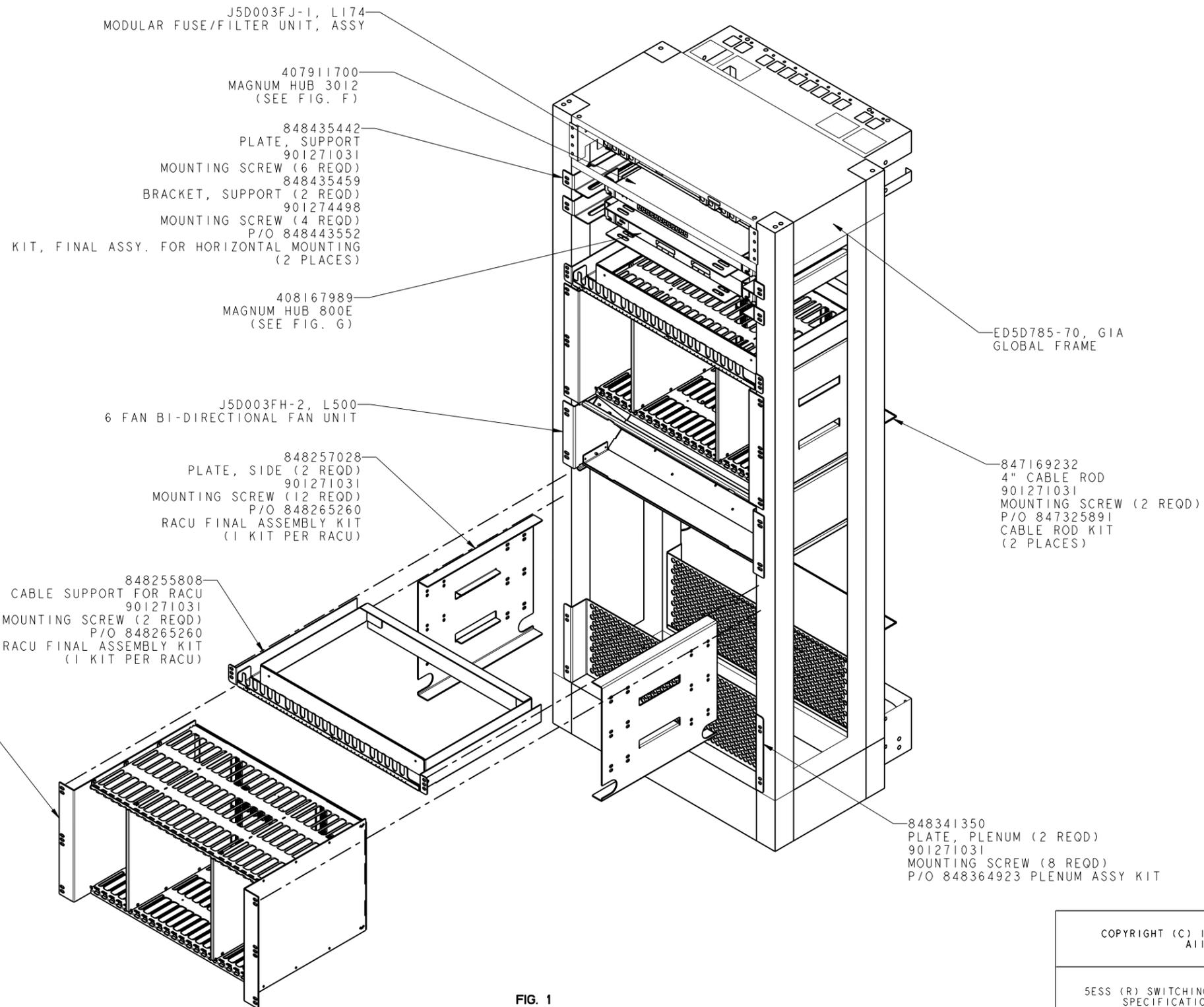


FIG. 1
RAC CABINET
CONFIGURED W/2 RACU'S

PROJ-EGEDFORM.FRM-FEB-96

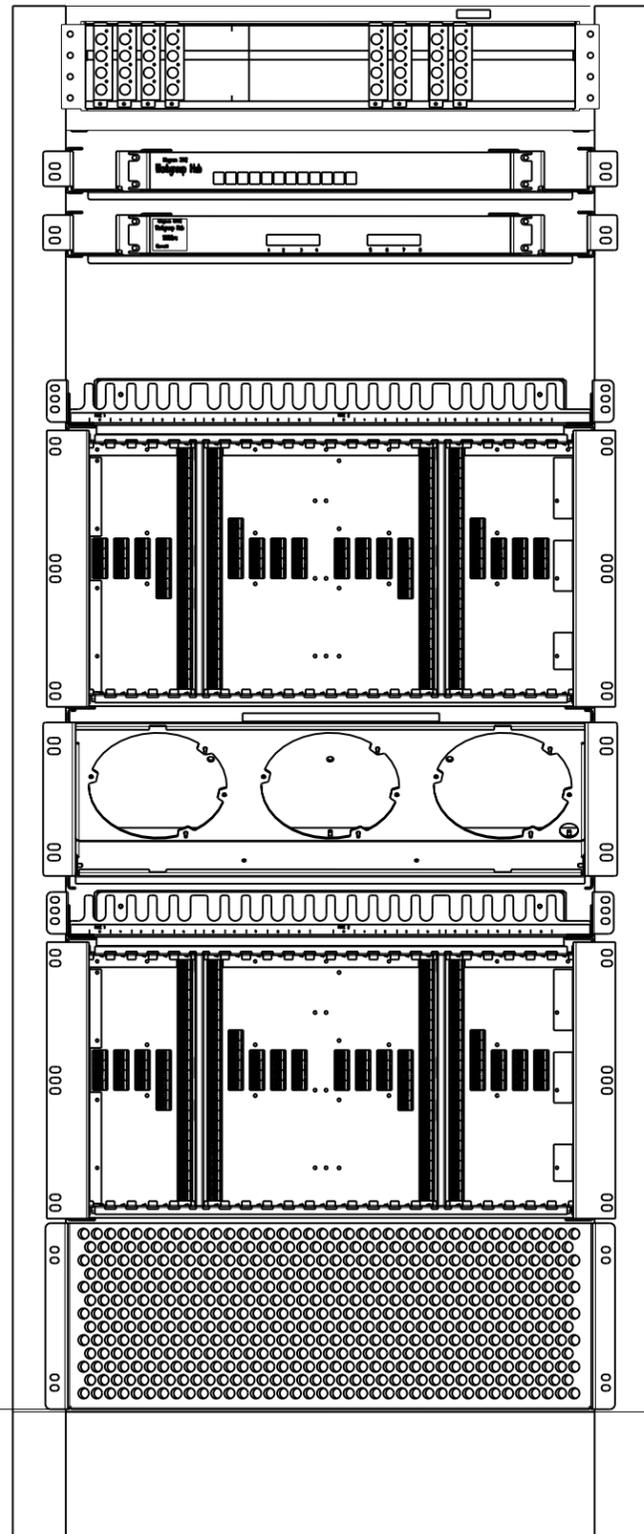
J5D061A-1

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SESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		THIRD ANGLE PROJ
DWG SIZE C2	ISSUE 5	SHEET NO. BI
LUCENT TECHNOLOGIES	J5D061A-1	

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1
MODEL/ASM NAME=J5D061A-1

1.20
Create
COMMON_HARDWARE

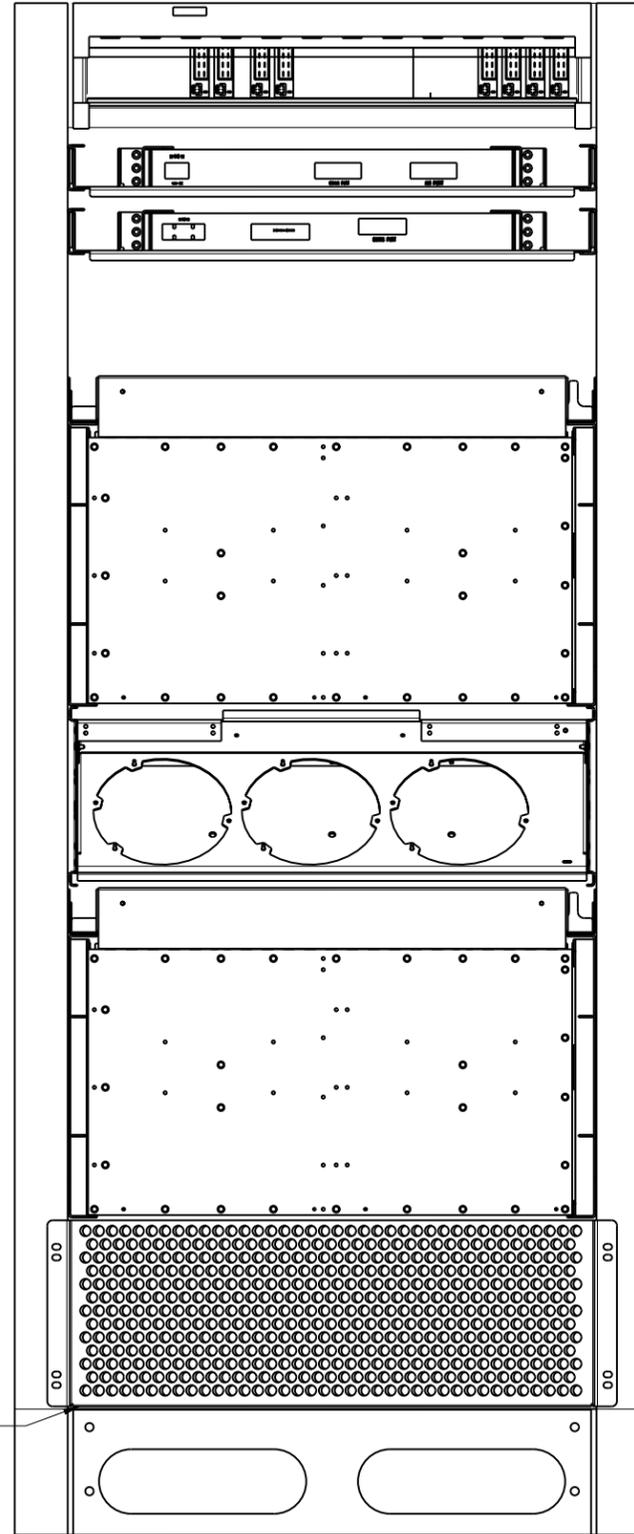


FRONT VIEW

- [064]
- [061]
- [053]
- [045]
- [034]
- [029]
- [021]
- [011]

FIG. A
UNIT EQLS
FOR
RAC CABINET
CONFIGURED W/2 RACU'S

MOUNT WITH ROLLED
EDGE DOWN



REAR VIEW

- J5D003FJ-1, L174 MFFU
- MAGNUM HUB 3012
- MAGNUM HUB 800E
- RACU CABLE SUPPORT ASSEMBLY
- J5D061AA-1 RACU 1
- J5D003FH-2, L500
6 FAN BI-DIRECTIONAL FAN UNIT
- RACU CABLE SUPPORT ASSEMBLY
- J5D061AA-1 RACU 0
- PLENUM PLATE

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SESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN

DWG SIZE C2	ISSUE 5
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LUCENT
TECHNOLOGIES

J5D061A-1

SHEET NO.
B2

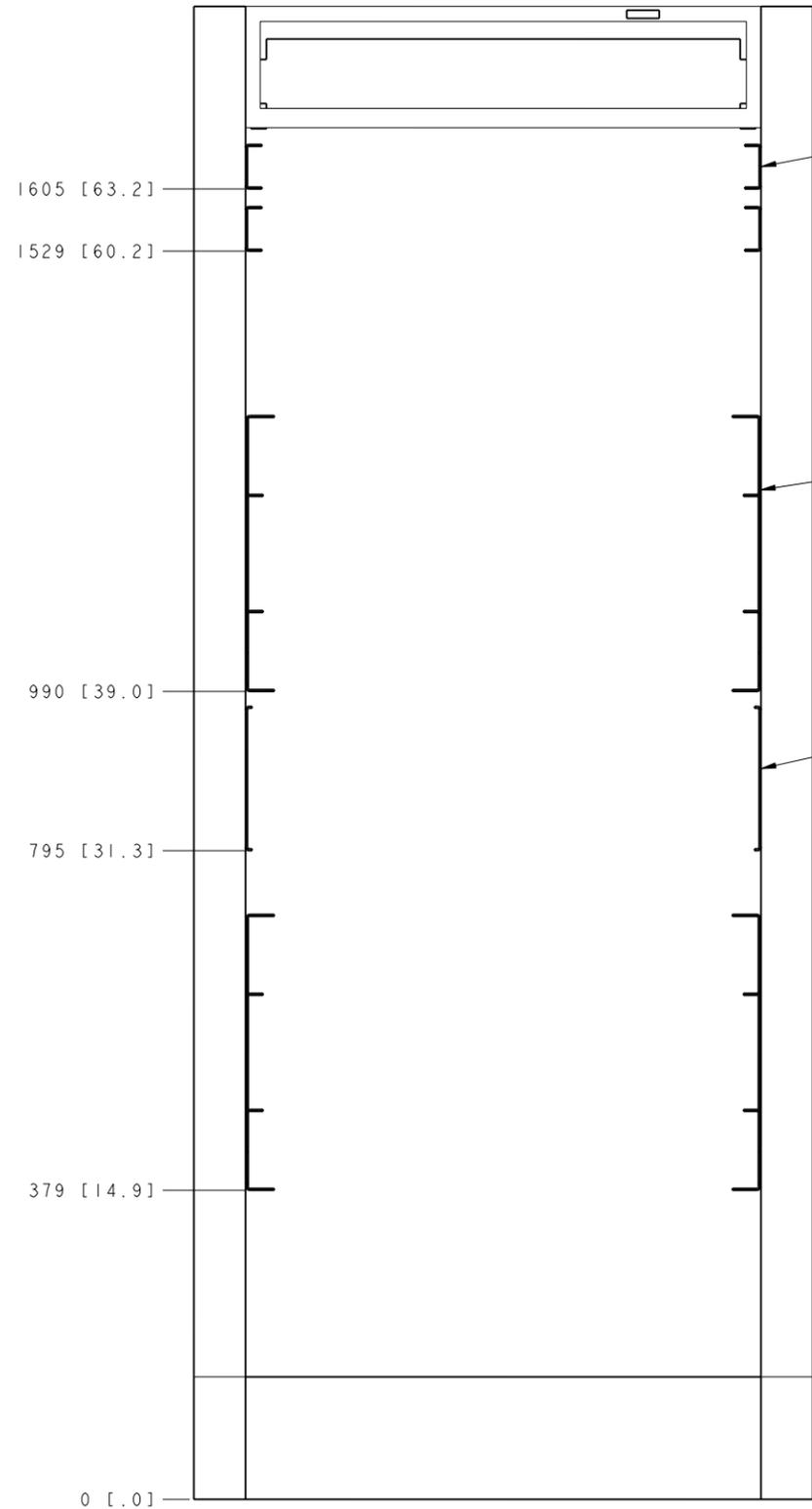
MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1
MODEL/ASM NAME=J5D061A-1

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

1.20
Create
COMMON_HARDWARE



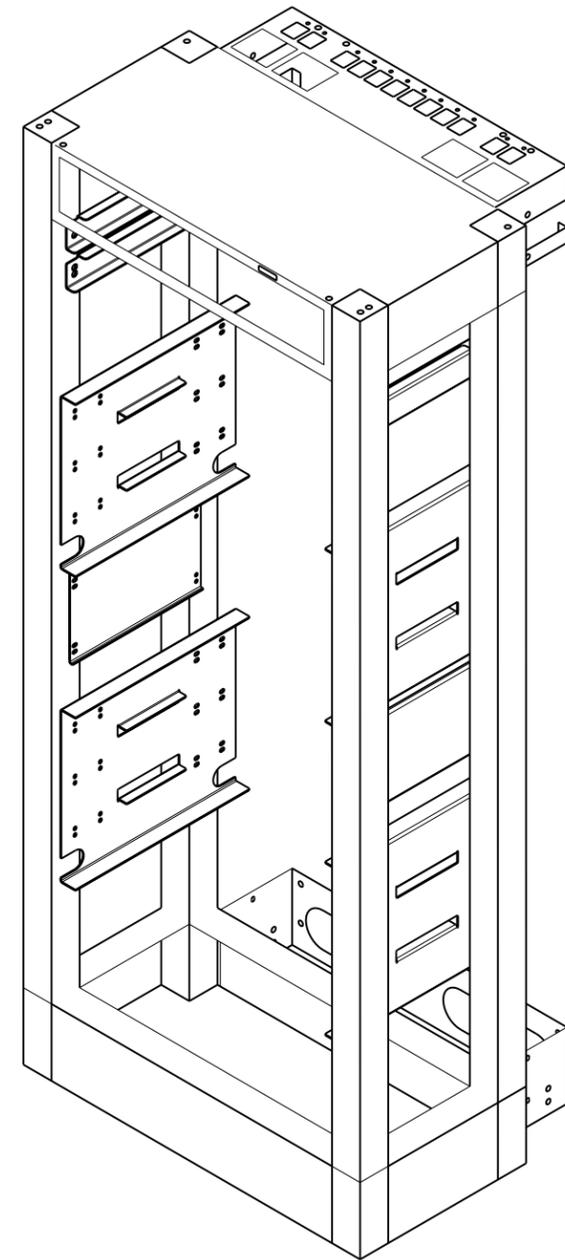
FRONT VIEW

848435459
BRACKET, SUPPORT (2 REQD)
901274498
MOUNTING SCREW (4 REQD)
P/O 848443552
KIT, FINAL ASSY. FOR
HORIZONTAL MOUNTING
(2 PLACES)

848257028
PLATE, SIDE (2 REQD)
901271031
MOUNTING SCREW (12 REQD)
P/O 848265260
RACU FINAL ASSEMBLY KIT
(1 KIT PER RACU)

846614766
BRACKET, MOUNTING (2 REQD)
901271031
SCREW, MOUNTING (8 REQD)
P/O 847323532
KIT, FINAL ASSY.

FIG. B
MOUNTING GUIDE LOCATIONS
FOR
RAC CABINET
CONFIGURED W/2 RACU'S



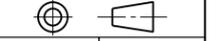
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2	ISSUE 5
----------------	------------

LUCENT
TECHNOLOGIES

J5D061A-1

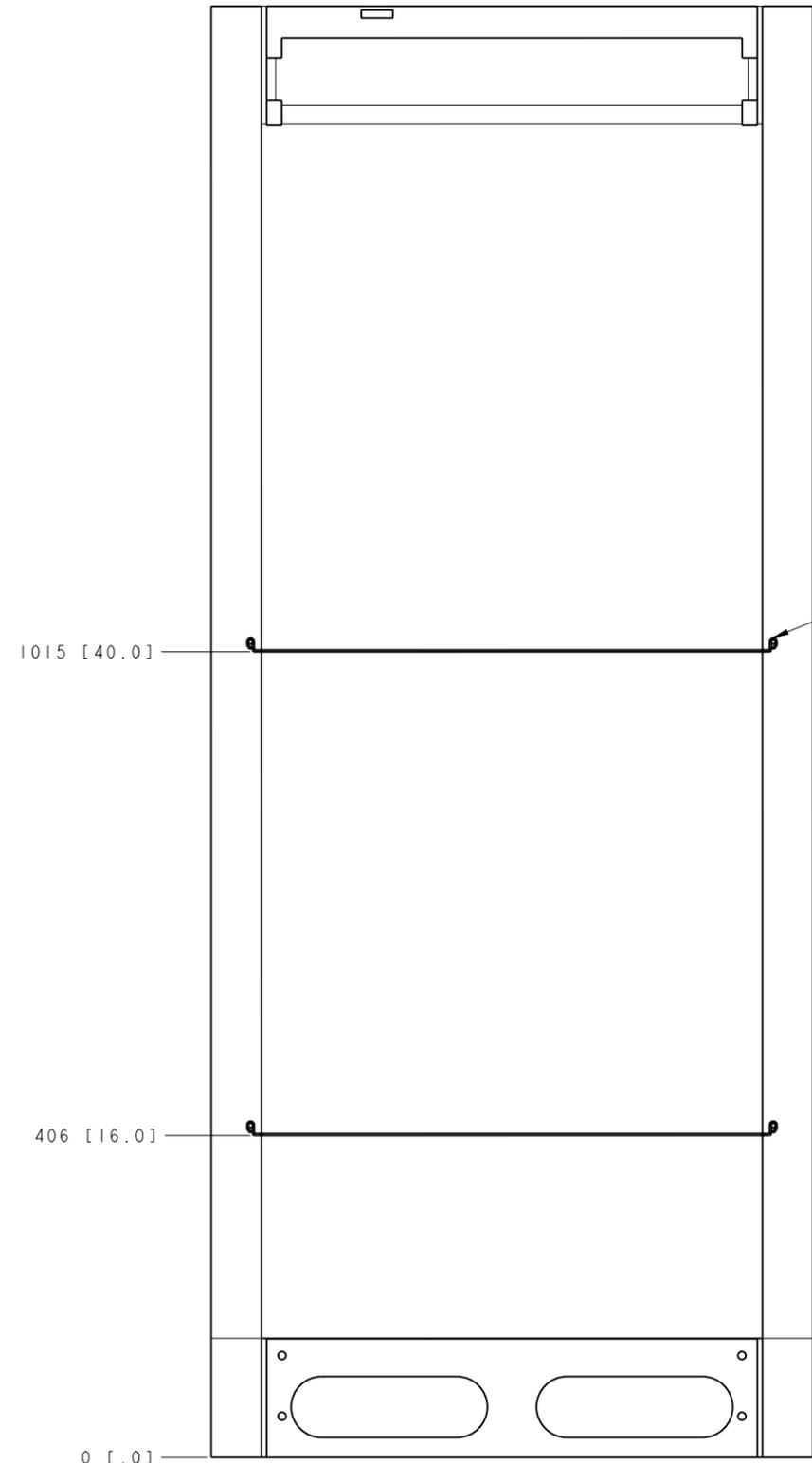
SHEET NO. B3

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1
MODEL/ASM NAME=J5D061A-1

D

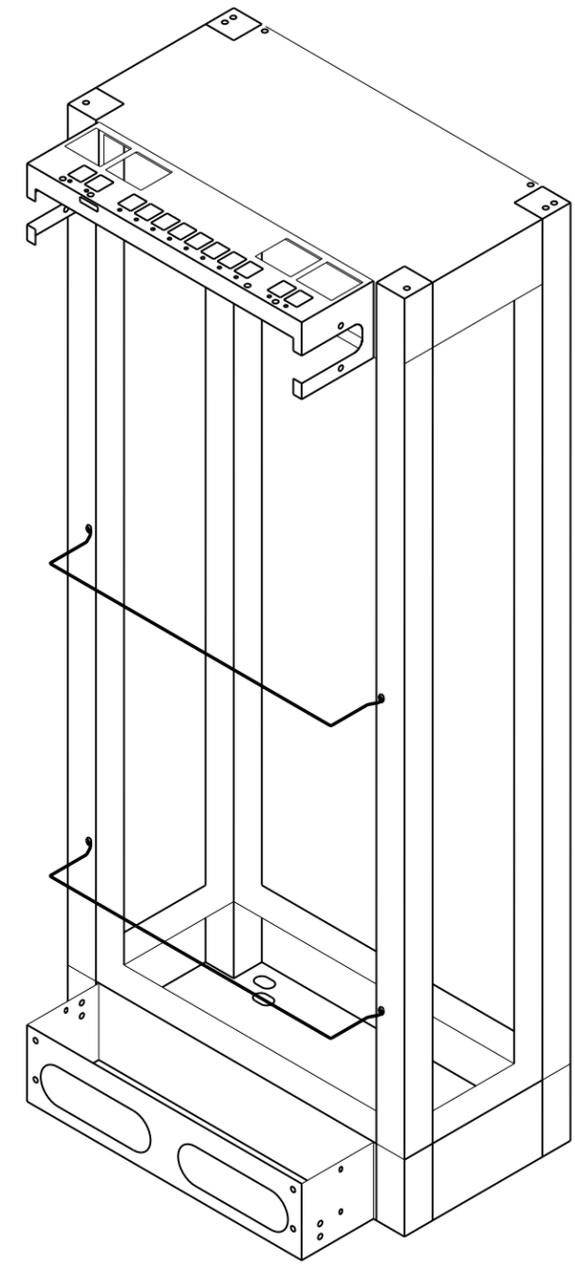
1.20
Create
COMMON_HARDWARE



REAR VIEW

847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(2 PLACES)

FIG. C
CABLE ROD LOCATIONS
FOR
RAC CABINET
CONFIGURED W/2 RACU'S



PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		THIRD ANGLE PROJN 	
(P) DWG SIZE C2		ISSUE 5	
LUCENT TECHNOLOGIES	J5D061A-1	SHEET NO. B4	

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1
MODEL/ASM_NAME=J5D061A-1

1.20
Create
COMMON_HARDWARE

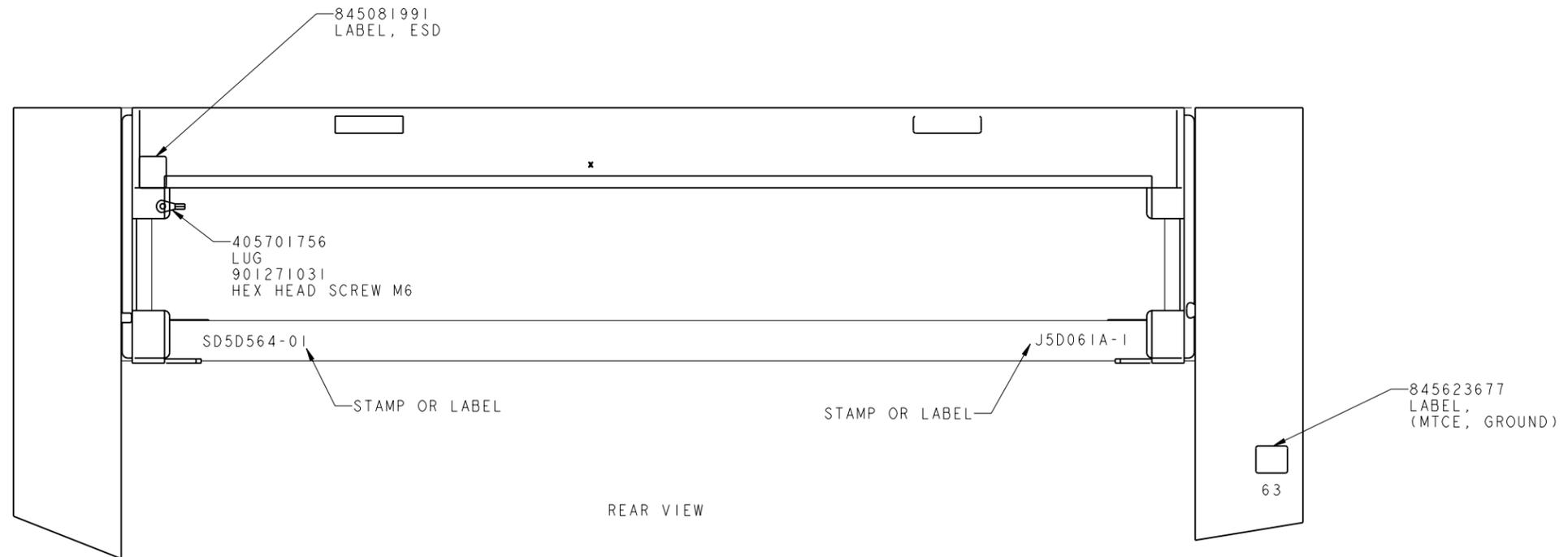
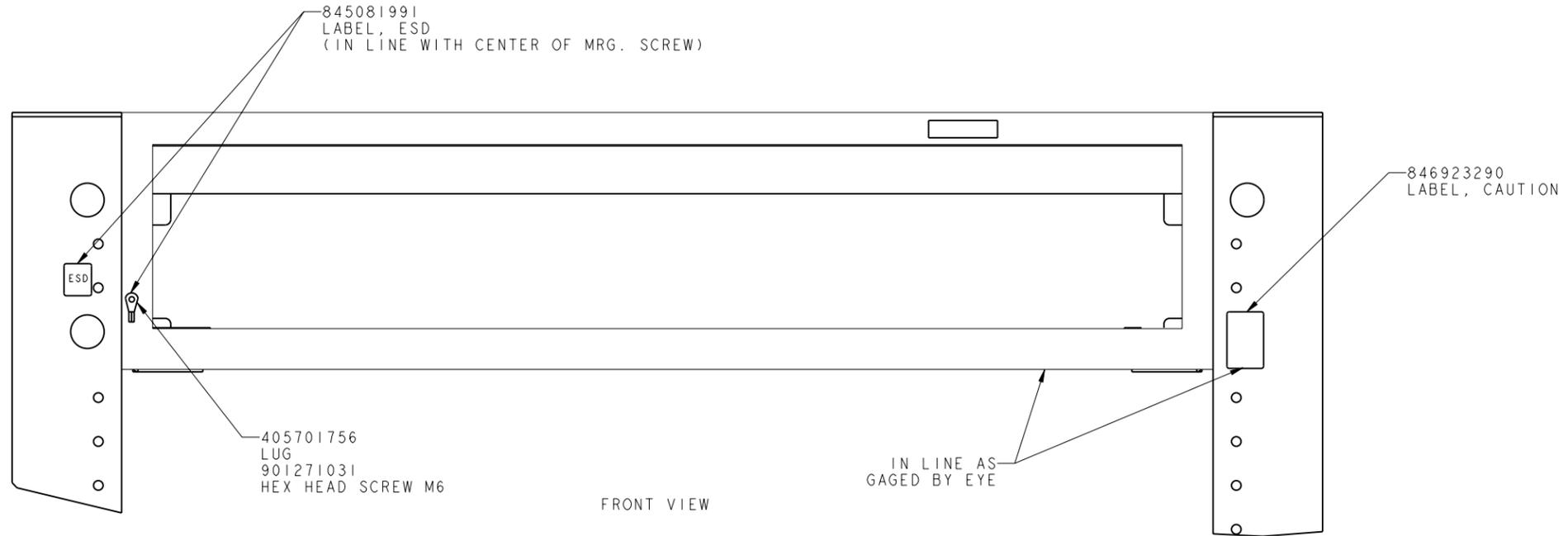


FIG. D
P/O 847513470 SAFETY KIT

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		THIRD ANGLE PROJ
DWG SIZE C2	ISSUE 6	SHEET NO. B5
LUCENT TECHNOLOGIES	J5D061A-1	

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1
MODEL/ASM NAME=J5D061A-1

1.20
Create
COMMON_HARDWARE

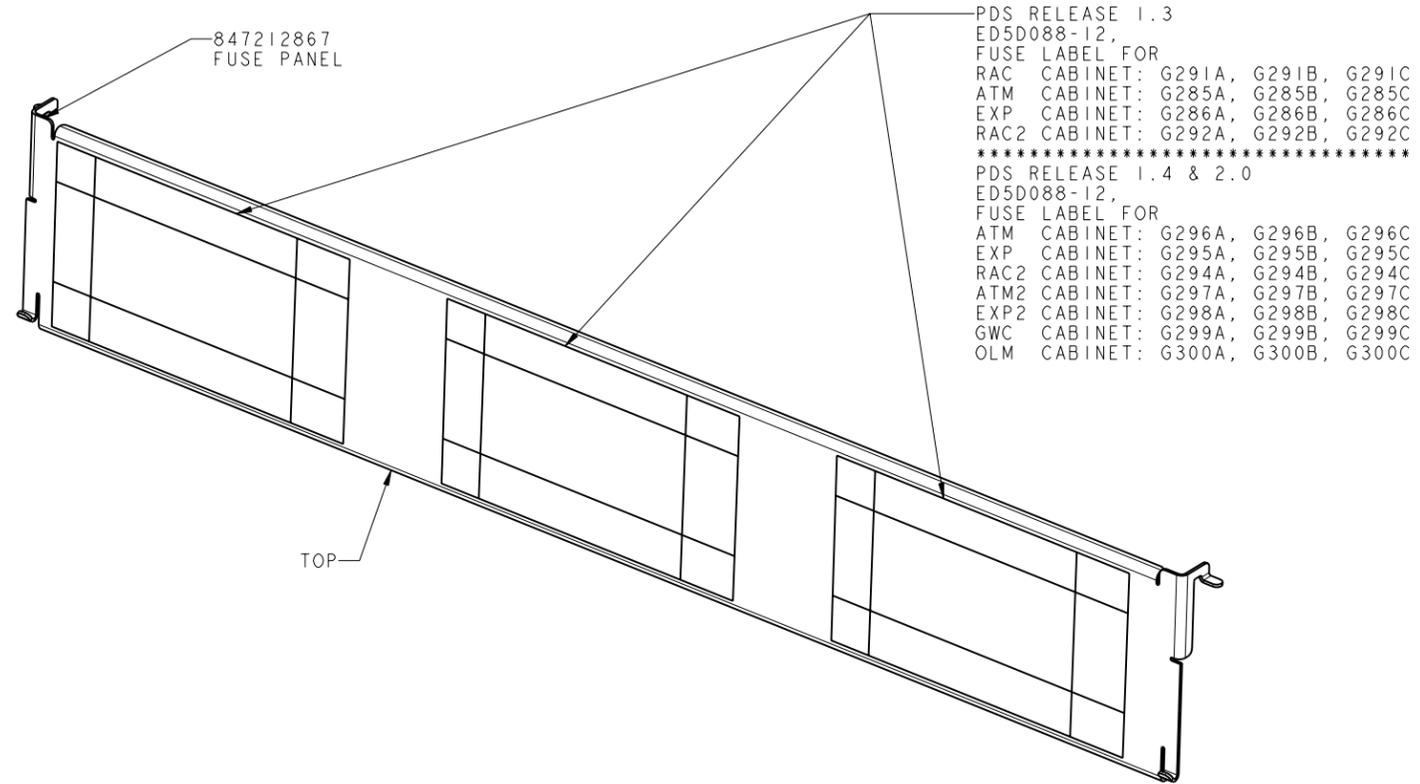


FIG. E
FUSE PANEL ASSEMBLY

PROJ - EGEDFORM.FRM - FEB 96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET	THIRD ANGLE PROJN 	
	DWG SIZE C2	ISSUE 6
LUCENT TECHNOLOGIES	J5D061A-1	SHEET NO. B6

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1
MODEL/ASM NAME=J5D061A-1

1.20
Create
COMMON_HARDWARE

SHEET NOTES

1. MOUNTING FLANGES (QTY. 2), SCREWS (QTY. 4), AND WASHERS (QTY. 4) ARE SUPPLIED WITH 408388700 (HUB 3012) AND 408167989 (HUB 800E).
2. REMOVE 6 RUBBER FEET FROM 408167989 (HUB 800E) BEFORE ATTACHING UNIT TO 848435442 (SHELF).
3. REMOVE 4 RUBBER FEET FROM 408388700 (HUB 3012) BEFORE ATTACHING UNIT TO 848435442 (SHELF).

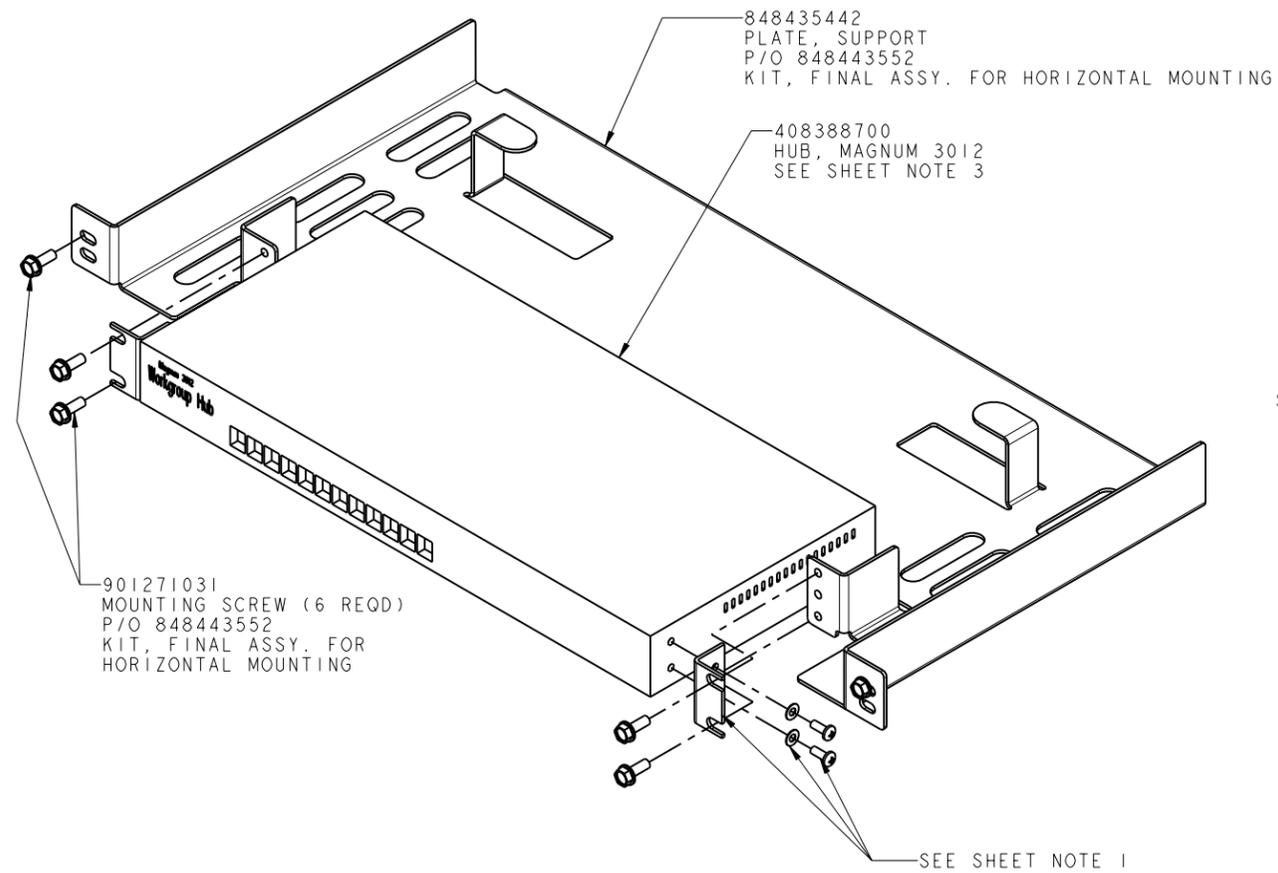


FIG. F
HUB 3012 BENCH ASSY

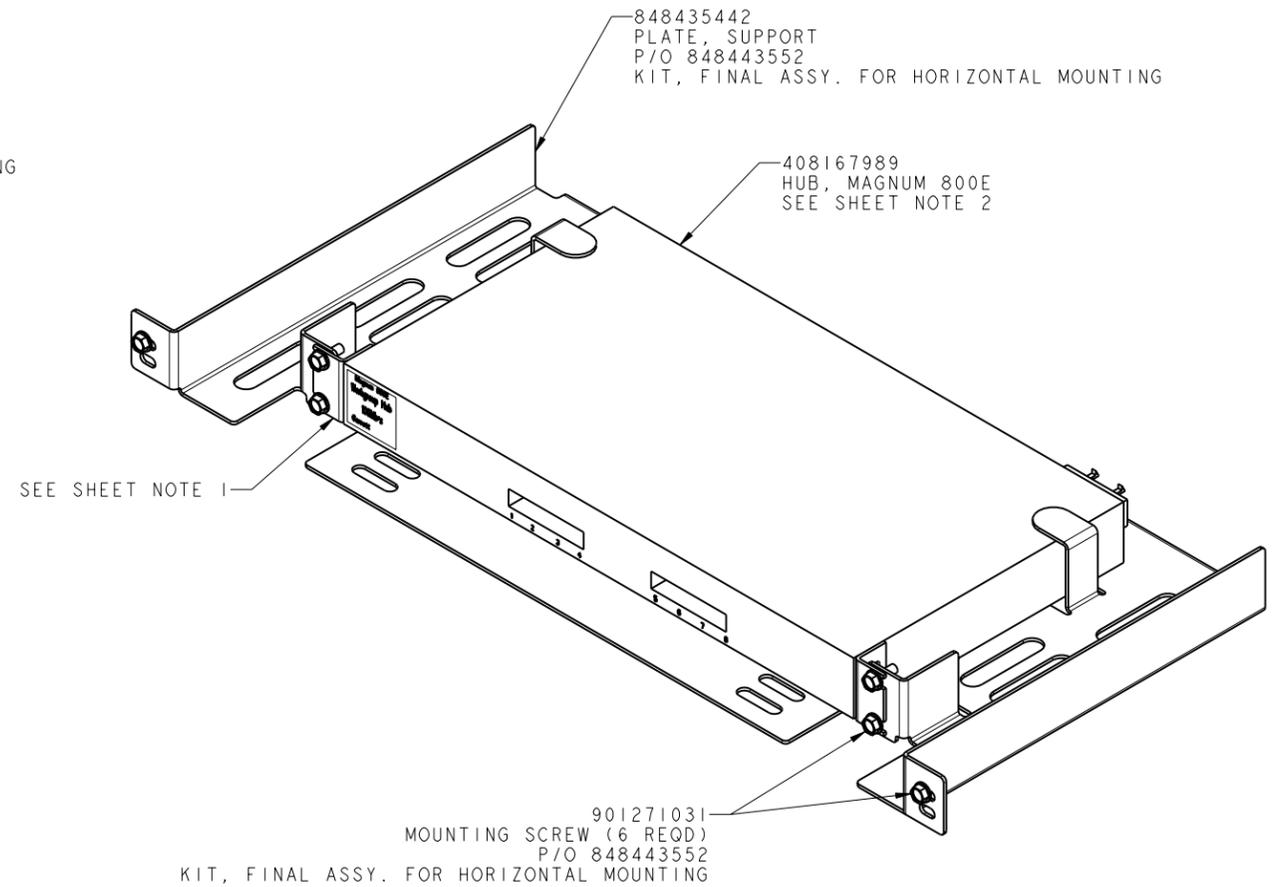


FIG. G
HUB 800E BENCH ASSY

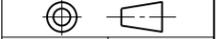
PROJ - EGEDFORM.FRM - FEB 96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B7

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1
MODEL/ASM NAME=J5D061A-1

1.17
Create
COMMON-HARDWARE

J5D003FJ-1, L174
MODULAR FUSE/FILTER UNIT, ASSY

848435442
SHELF, HUB
901271031
MOUNTING SCREW (6 REQD)
848435459
GUIDE, SUPPORT (2 REQD)
901274498
MOUNTING SCREW (4 REQD)
P/O 848443552
FINAL ASSY KIT FOR HORIZONTAL MTG.
(2 PLACES)

408388700
MAGNUM HUB 3012
(SEE FIG. F)

408182517
XYPLEX HUB 1620
(SEE FIG. AE)
(DA)

848320552
BRACKET, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (12 REQD)
P/O 848372363
FINAL ASSY KIT FOR PSAX1250
(SEE FIG. M)

408169811
ASSY, SHELF FOR PSAX1250
901271031
MOUNTING SCREW (4 REQD)
P/O 848372363
FINAL ASSY KIT FOR PSAX1250
(SEE FIG. M)

848320479
ASSY, CABLE SUPPORT FOR PSAX1250
901271031
MOUNTING SCREW (4 REQD)
P/O 848372363
FINAL ASSY KIT FOR PSAX1250
(SEE FIG. M)

ED5D785-70, GIA
GLOBAL FRAME

847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(3 PLACES)

J5D003FH-2, L503
3 FANS BLOWING UP

ED5D878-30
ASSY, CBX500 FINAL
(SEE FIG. Q)

FIG. 2
ATM CABINET
CONFIGURED W/ PSAX1250 & CBX500

PROJ-EGEDFORM.FRM-FEB-96

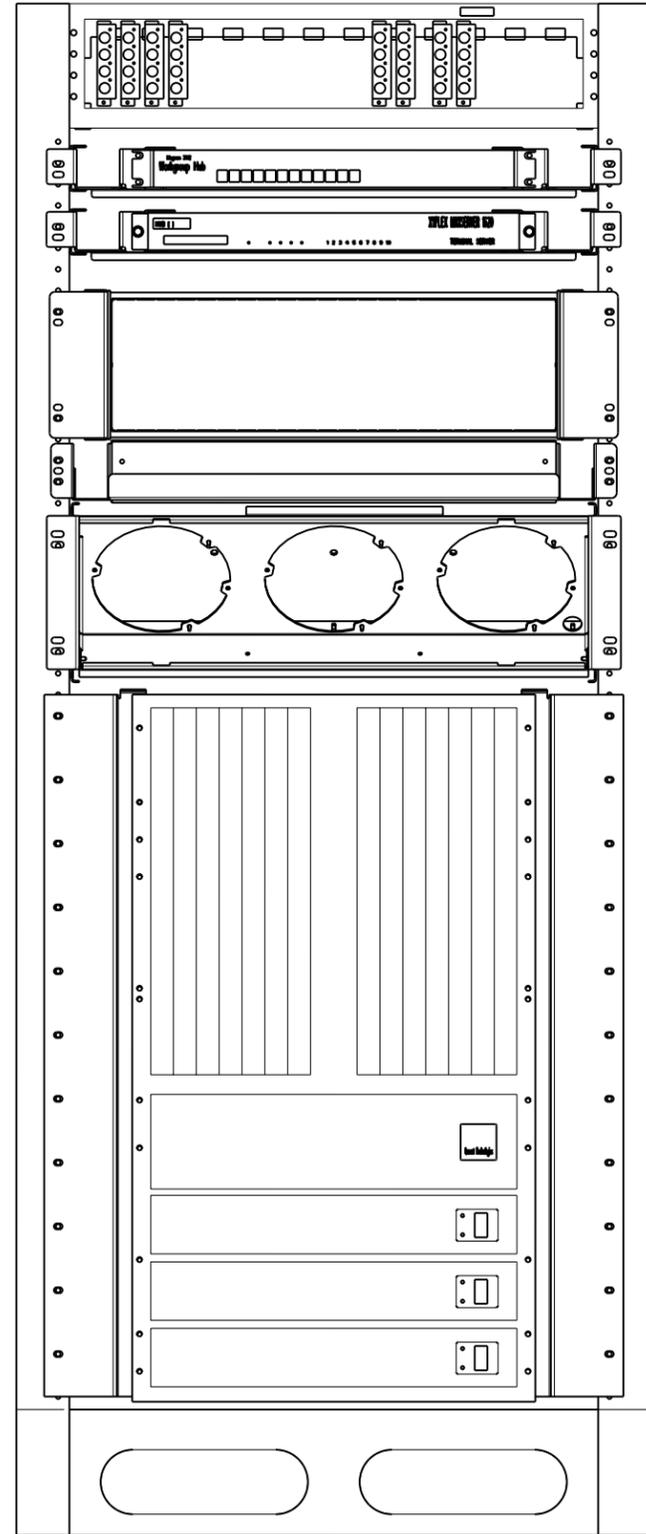
J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET	THIRD ANGLE PROJN 	
	DWG SIZE C2	ISSUE 6
LUCENT TECHNOLOGIES	J5D061A-1	SHEET NO. B8

MODELED BY: REA JOHNSON DATE: 26-JUL-2000

DRAWING NAME=J5D061A-1-P2
MODEL/ASM NAME=J5D061A-1-P2

1.17
Create
COMMON_HARDWARE



FRONT VIEW

[064]

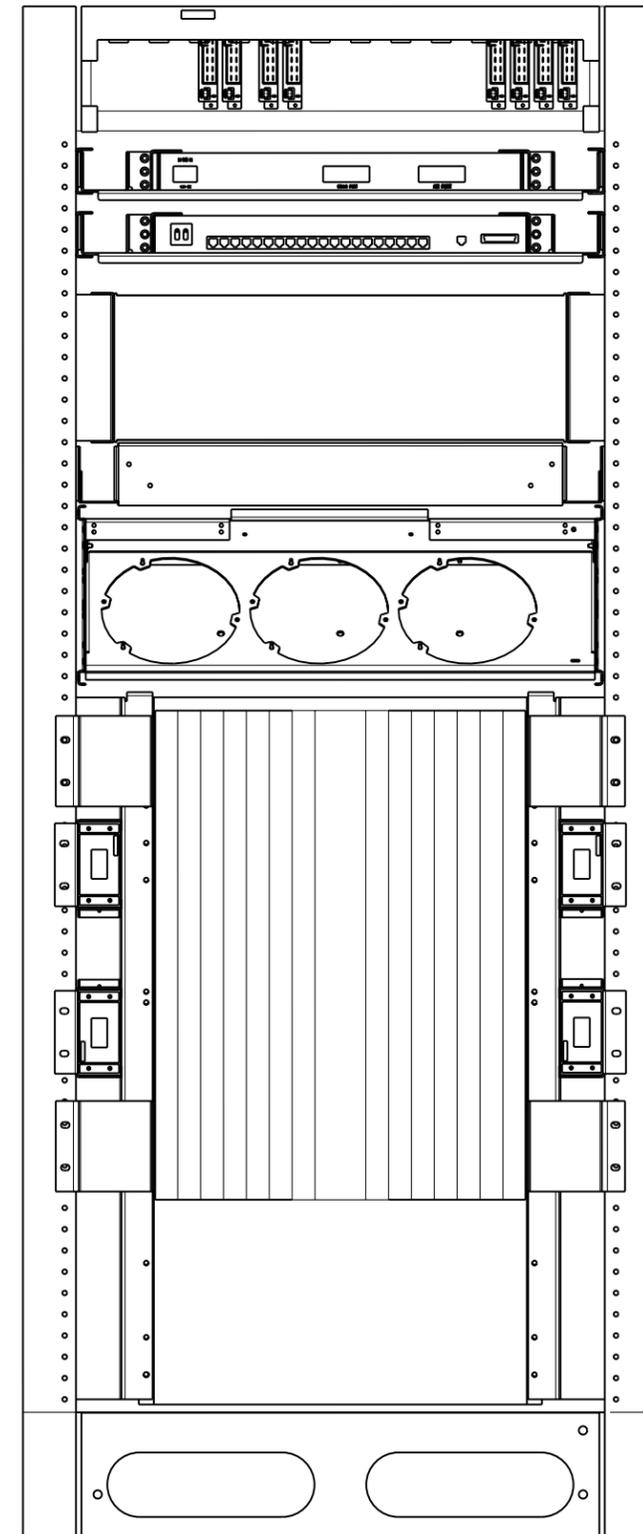
[061]

[055]

[050]

[044]

[023]



REAR VIEW

J5D003FJ-1 MFFU, L174

MAGNUM HUB 3012

XYPLEX HUB 1620 (DA)

ED5D879-30
PSAX1250

PSAX1250 CABLE SUPPORT

J5D003FH-2, L503
3 FANS BLOWING UP

ED5D878-30
CBX500

FIG. H
UNIT EQLS
FOR
ATM CABINET
CONFIGURED W/1 PSAX1250 & CBX500

PROJ - EGEDFORM.FRM - FEB 96

J5D061A-1

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SESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
6

LUCENT
TECHNOLOGIES

J5D061A-1

SHEET NO.
B9

MODELED BY: REA JOHNSON DATE: 26-JUL-2000

DRAWING NAME=J5D061A-1-P2
MODEL/ASM NAME=J5D061A-1-P2

1.17
Create
COMMON_HARDWARE

1605 [1605.0]

1529 [1529.1]

1234 [1233.8]

1036 [1036.0]

156 [156.4]

0 [.0]

FRONT VIEW

848435459
BRACKET, SUPPORT (2 REQD)
901274498
MOUNTING SCREW (4 REQD)
P/O 848443552
KIT, FINAL ASSY. FOR
HORIZONTAL MOUNTING
(2 PLACES)

848320552
BRACKET, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (12 REQD)
P/O 848372363
FINAL ASSY KIT FOR PSAX1250
(1 KIT PER PSAX1250 UNIT)
(SEE FIG. M)

846614766
BRACKET, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (8 REQD)
P/O 847323532
KIT, FINAL ASSY.

SEE FIG. N

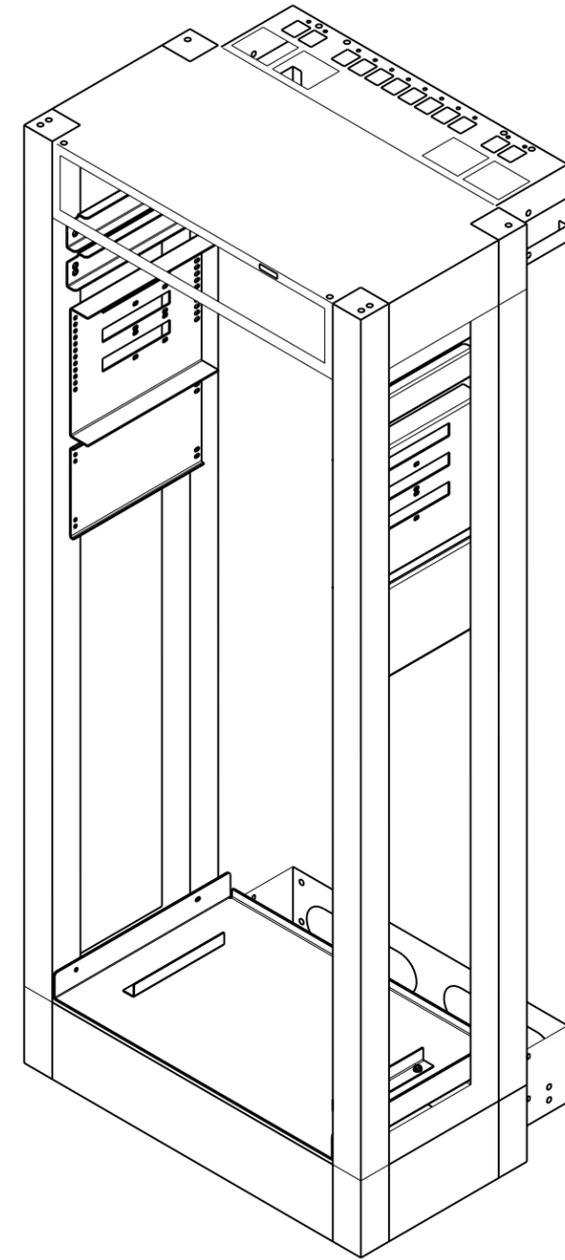


FIG. J

MOUNTING GUIDE LOCATIONS
FOR
ATM CABINET
CONFIGURED W/1 PSAX1250 & CBX500

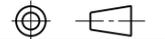
PROJ - EGEDFORM.FRM - FEB 96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
5

LUCENT
TECHNOLOGIES

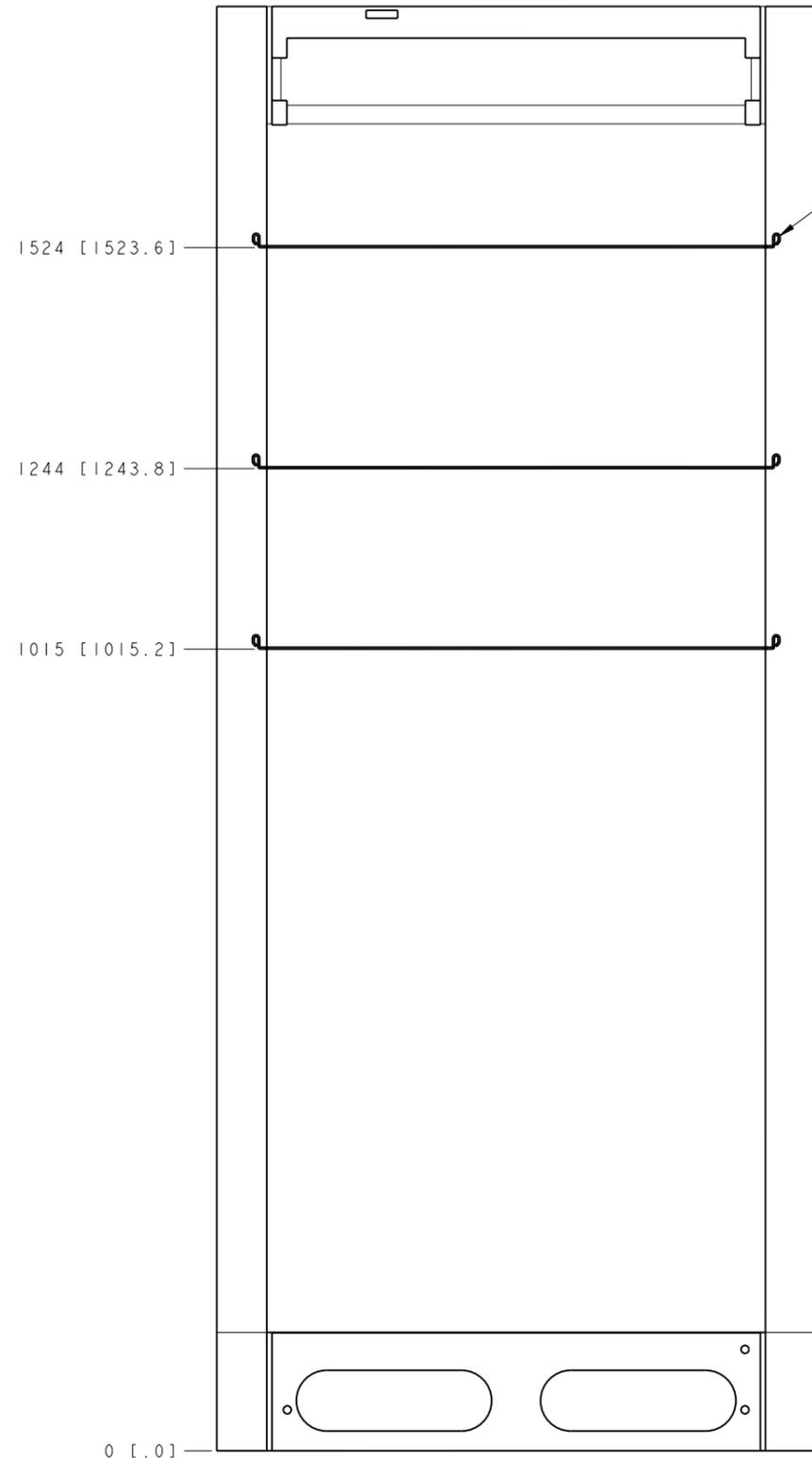
J5D061A-1

SHEET NO.
B10

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P2
MODEL/ASM NAME=J5D061A-1-P2

1.17
Create
COMMON_HARDWARE



REAR VIEW

847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(3 PLACES)

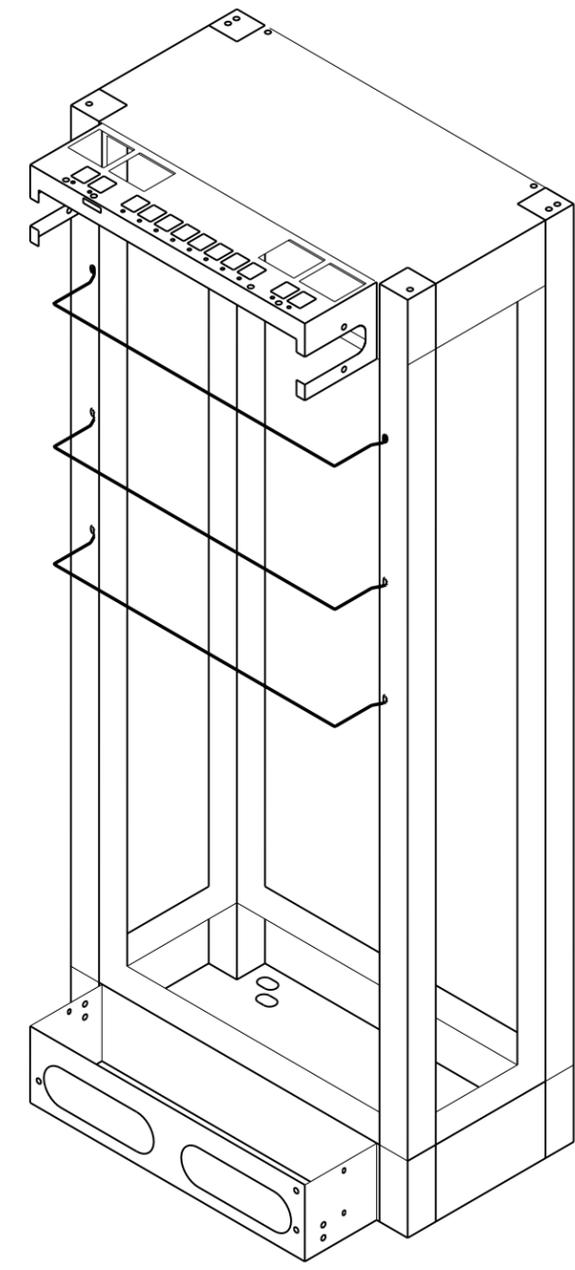


FIG. K
CABLE ROD LOCATIONS
FOR
ATM CABINET
CONFIGURED W/1 PSAX1250 & CBX500

PROJ-EGEDFORM.FRM-FEB-96

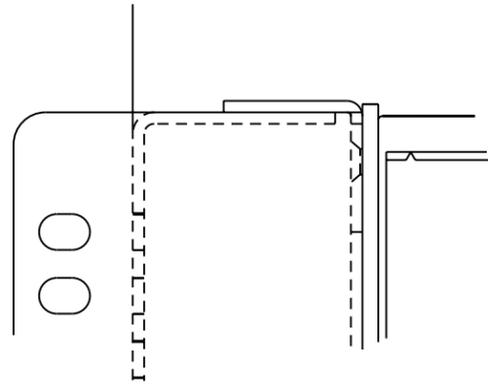
J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET	THIRD ANGLE PROJN 	
	DWG SIZE C2	ISSUE 5
LUCENT TECHNOLOGIES	J5D061A-1	SHEET NO. B11

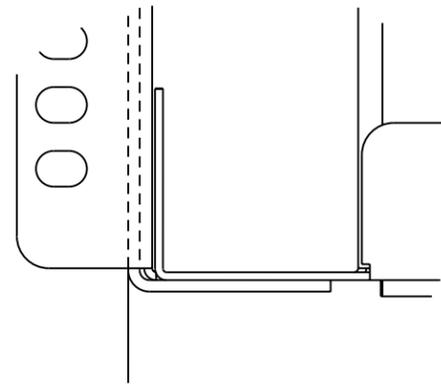
MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P2
MODEL/ASM NAME=J5D061A-1-P2

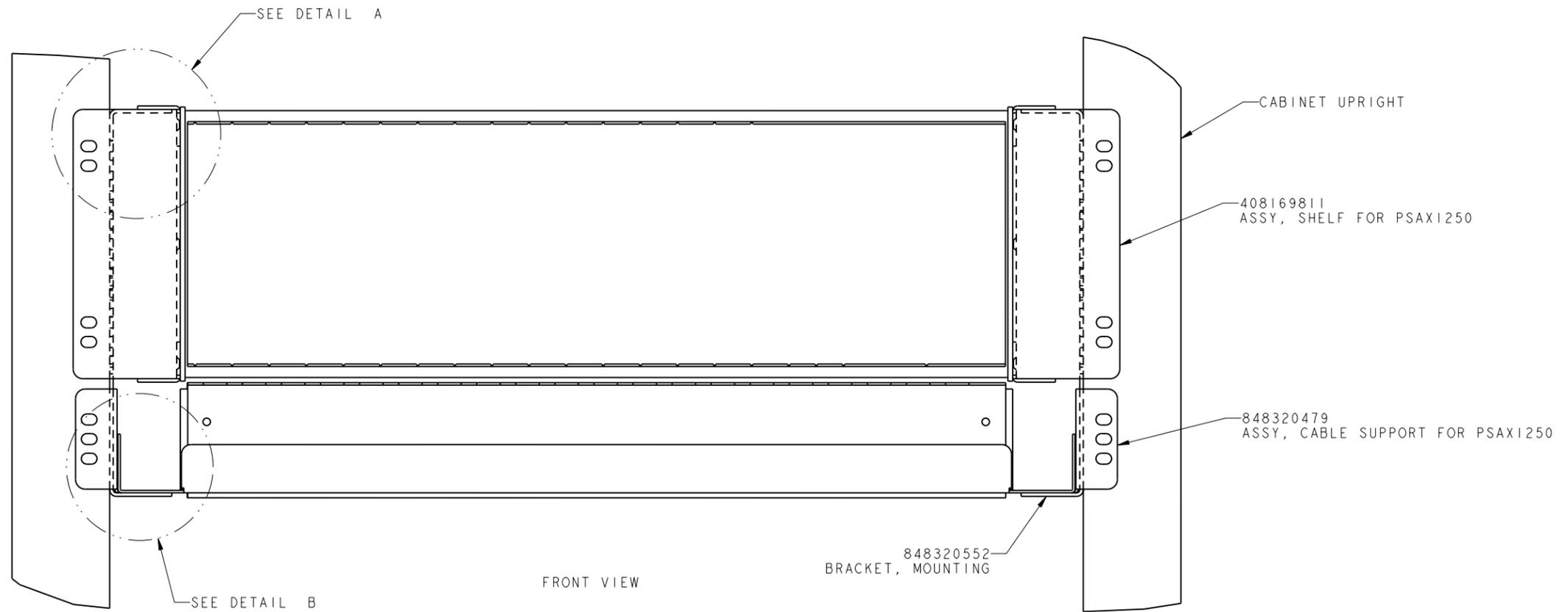
1.17
Create
COMMON_HARDWARE



DETAIL A
SCALE 3/2



DETAIL B
SCALE 3/2



FRONT VIEW

FIG. M
ED5D879-30
PSAXI250 MOUNTING RELATION ON CABINET UPRIGHT

PROJ-EGEDFORM.FRM-FEB-96

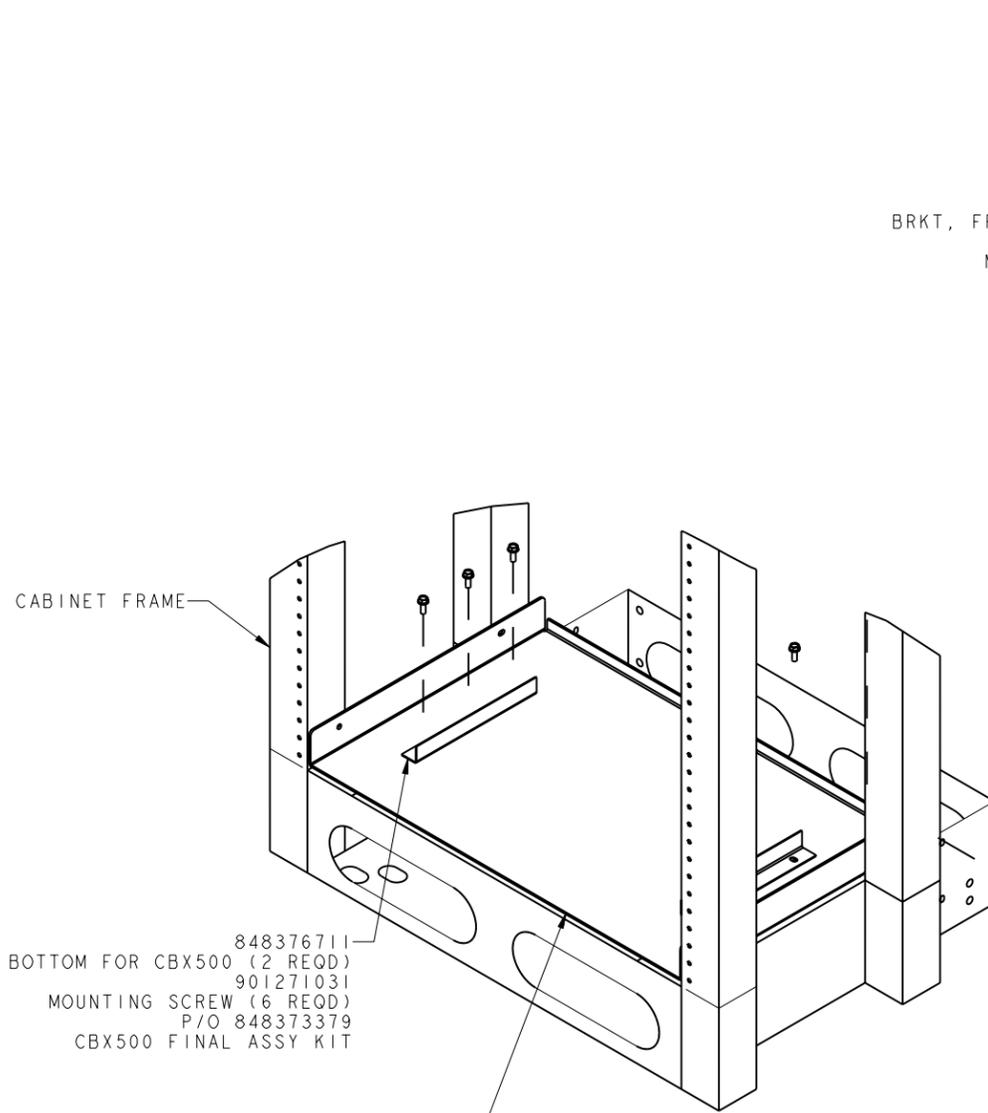
J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET	THIRD ANGLE PROJ 	
	DWG SIZE C2	ISSUE 5
LUCENT TECHNOLOGIES	J5D061A-1	SHEET NO. B12

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P2
MODEL/ASM NAME=J5D061A-1-P2

1.17
Create
COMMON_HARDWARE



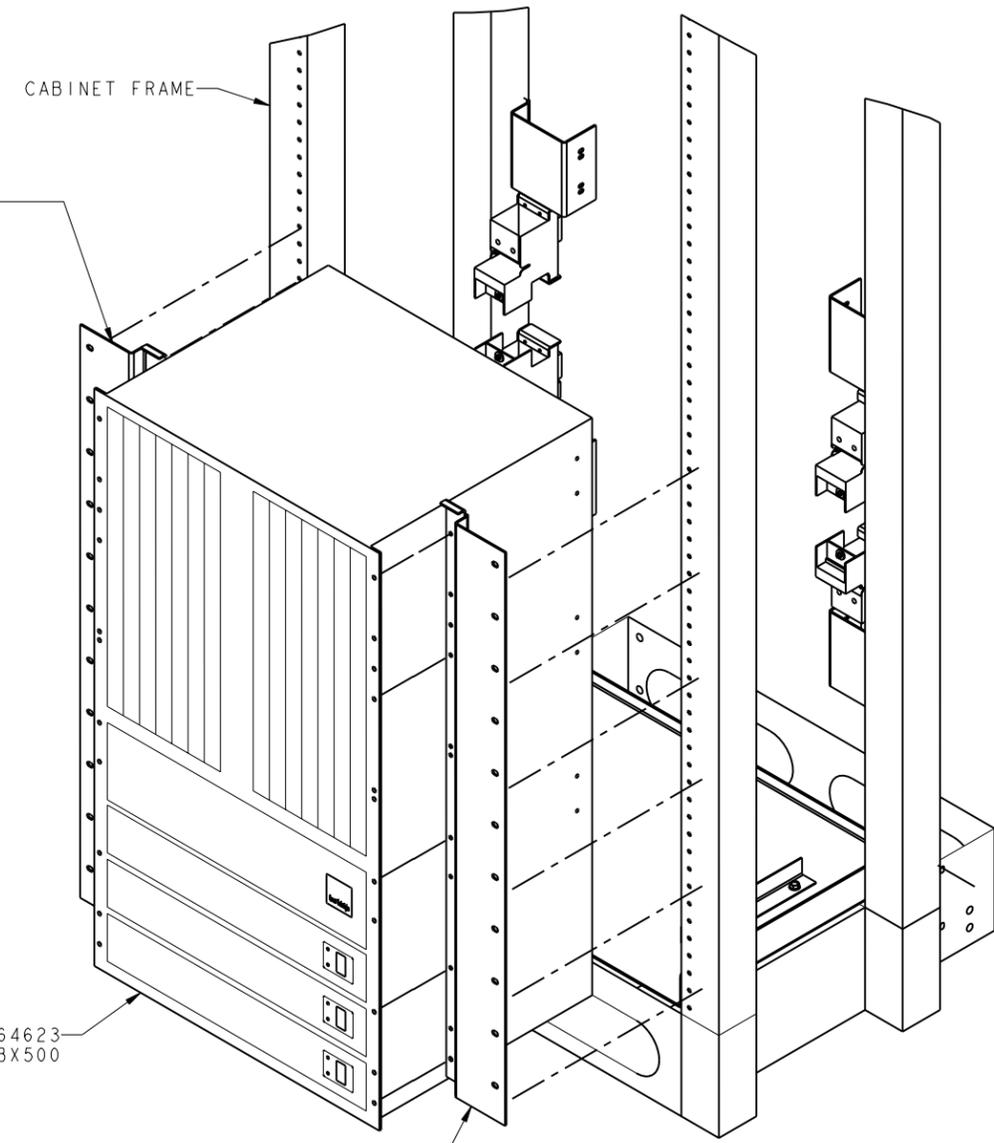
848376711
GUIDE, BOTTOM FOR CBX500 (2 REQD)
901271031
MOUNTING SCREW (6 REQD)
P/O 848373379
CBX500 FINAL ASSY KIT

848376661
PLATE, BOTTOM FOR CBX500
848271031
MOUNTING SCREW (4 REQD)
P/O 848373379
CBX500 FINAL ASSY KIT

848376729
BRKT, FRONT LEFT MTG FOR CBX500
901271031
MOUNTING SCREW (11 REQD)
P/O 848373379
CBX500 FINAL ASSY KIT

FRONT ISOMETRIC VIEW

FIG. N
ED5D878-30
CBX500 BOTTOM SHELF MOUNTING
FOR ATM CABINET



300064623
CBX500

848376737
BRKT, FRONT RIGHT MTG FOR CBX500
901271031
MOUNTING SCREW (11 REQD)
P/O 848373379
CBX500 FINAL ASSY KIT

FRONT ISOMETRIC VIEW

FIG. Q
ED5D878-30
CBX500 MOUNTING
FOR ATM CABINET

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ

DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

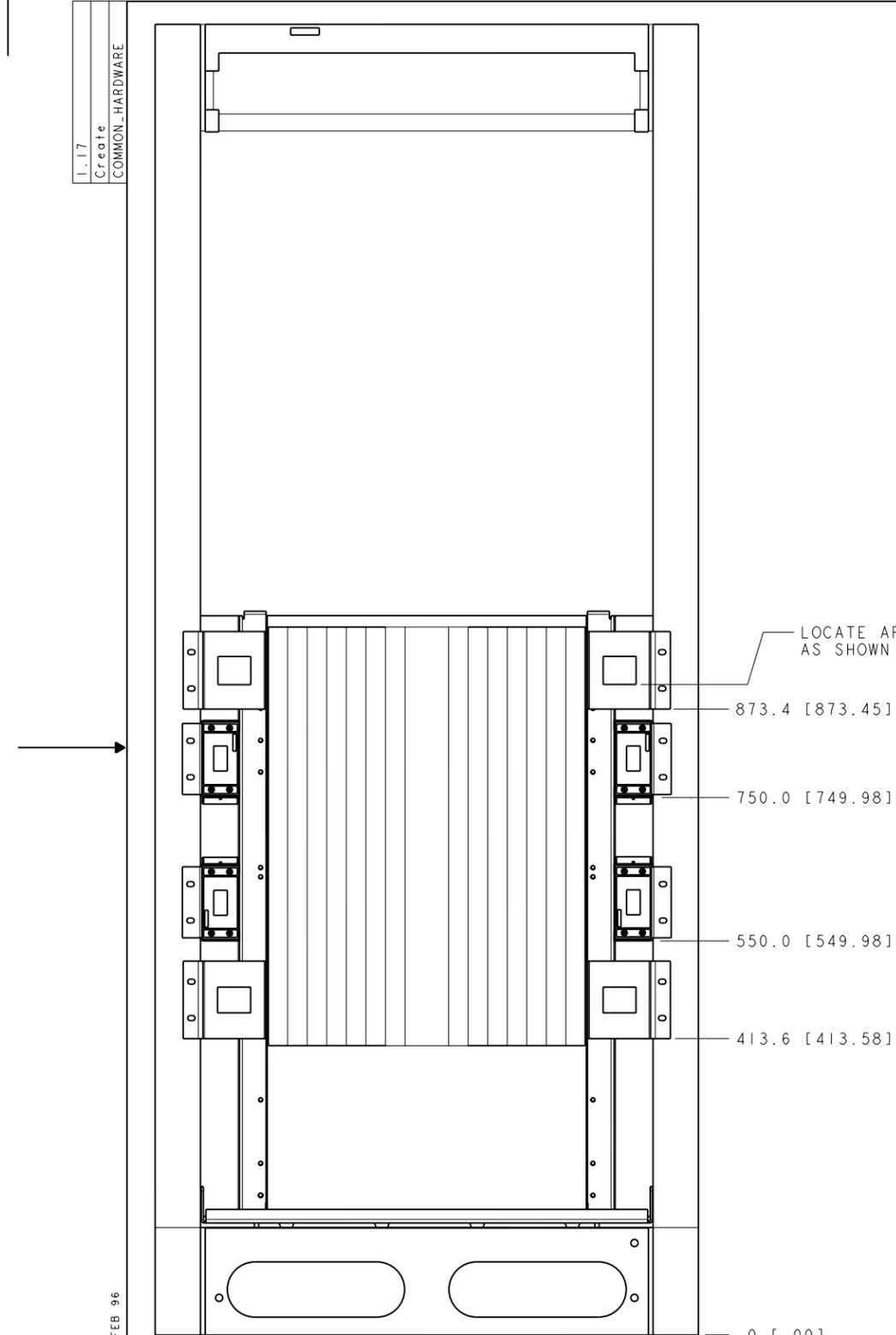
J5D061A-1

SHEET NO. B13

MODELED BY: REA JOHNSON DATE: 26-JUL-2000

DRAWING NAME=J5D061A-1-P2
MODEL/ASM NAME=J5D061A-1-P2

1.17
Create
COMMON_HARDWARE



REAR VIEW

.0 [.00]

848421780
LABEL
("B BUSS RETURN (F4)")
P/O 848373379
FASKIT

ED5D878-31, G4

ED5D878-31, G3

848421772
LABEL ("B BUSS (F3)")
P/O 848373379
FASKIT

848381182
BRKT, REAR MTG FOR CBX500 (4 REQD)
901372664
MOUNTING SCREW (8 REQD)
901361709
#10 EXTERNAL TOOTH WASHER (8 REQD)
P/O 848373379
CBX500 FINAL ASSY KIT

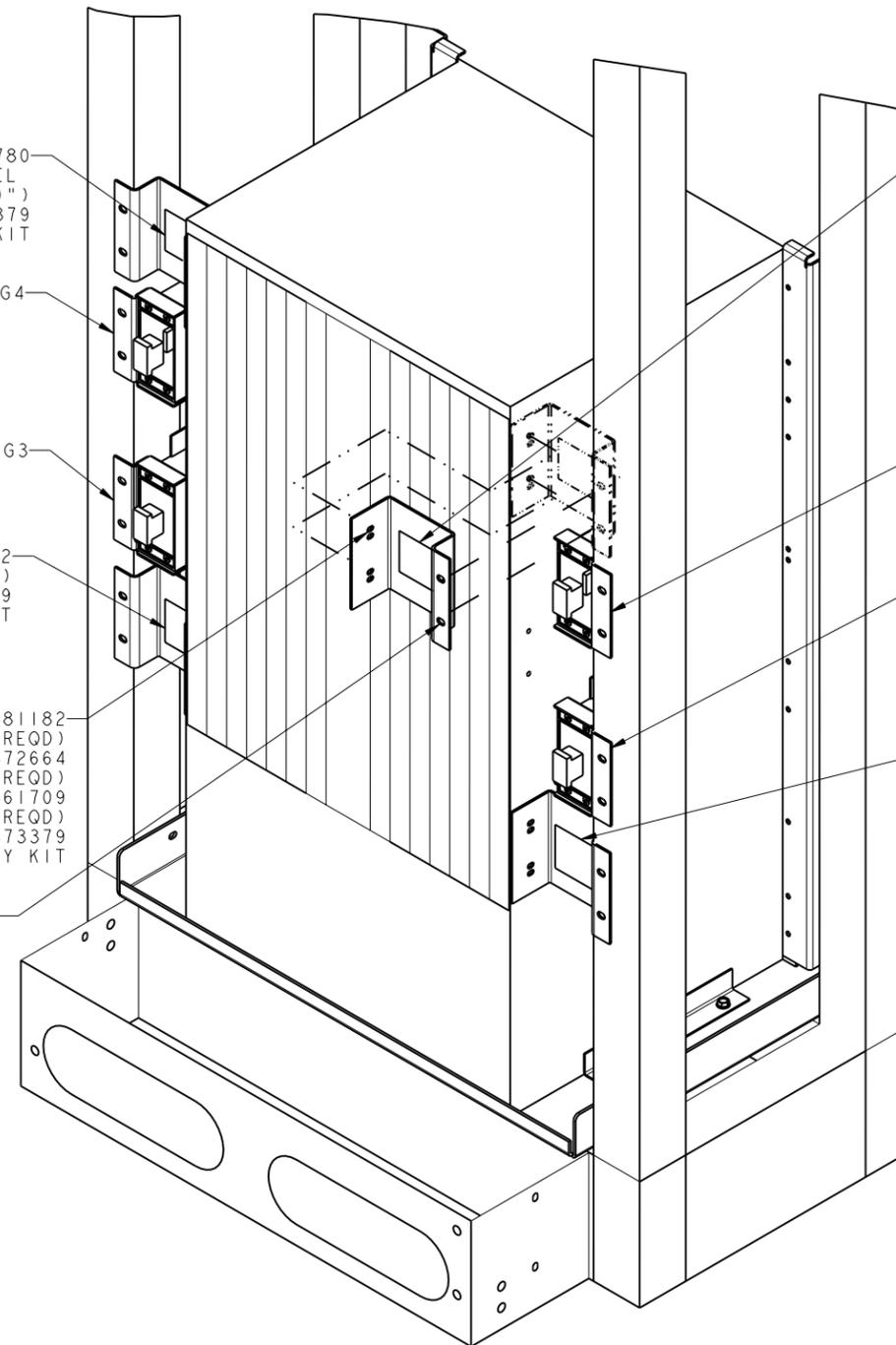
901271031
MOUNTING SCREW (8 REQD)
P/O 848373379
CBX500 FINAL ASSY KIT

848421806
LABEL
("A BUSS RETURN (F2)")
P/O 848373379
FASKIT

ED5D878-31, G2

ED5D878-31, G1

848421798
LABEL ("A BUSS (F1)")
P/O 848373379
FASKIT



REAR ISOMETRIC VIEW

FIG. R
CBX500 & FUSE BLOCK MOUNTING
FOR ATM CABINET

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 5

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B14

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P2
MODEL/ASM NAME=J5D061A-1-P2

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

1.13
Create
COMMON-HARDWARE

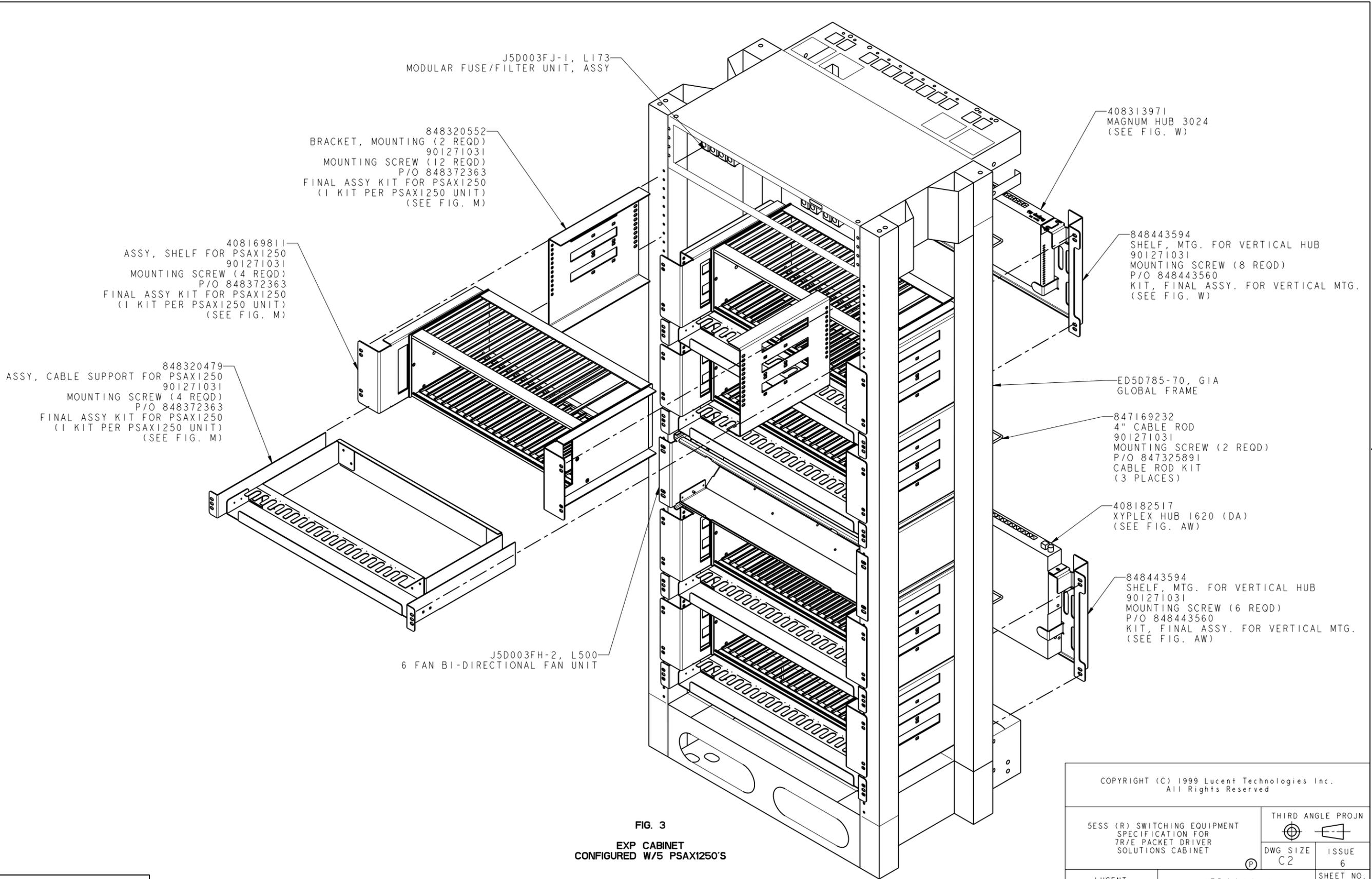


FIG. 3
EXP CABINET
CONFIGURED W/5 PSAX1250'S

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		THIRD ANGLE PROJN 	
LUCENT TECHNOLOGIES		DWG SIZE C2	ISSUE 6
J5D061A-1		SHEET NO. B15	
MODELED BY: REA JOHNSON		DATE: 24-NOV-1999	

1.13
Create
COMMON_HARDWARE

J5D003FJ-1, L173 MFFU

ED5D879-30
PSAX1250 3

PSAX1250 CABLE SUPPORT

ED5D879-30
PSAX1250 2

PSAX1250 CABLE SUPPORT

ED5D879-30
PSAX1250 1

PSAX1250 CABLE SUPPORT

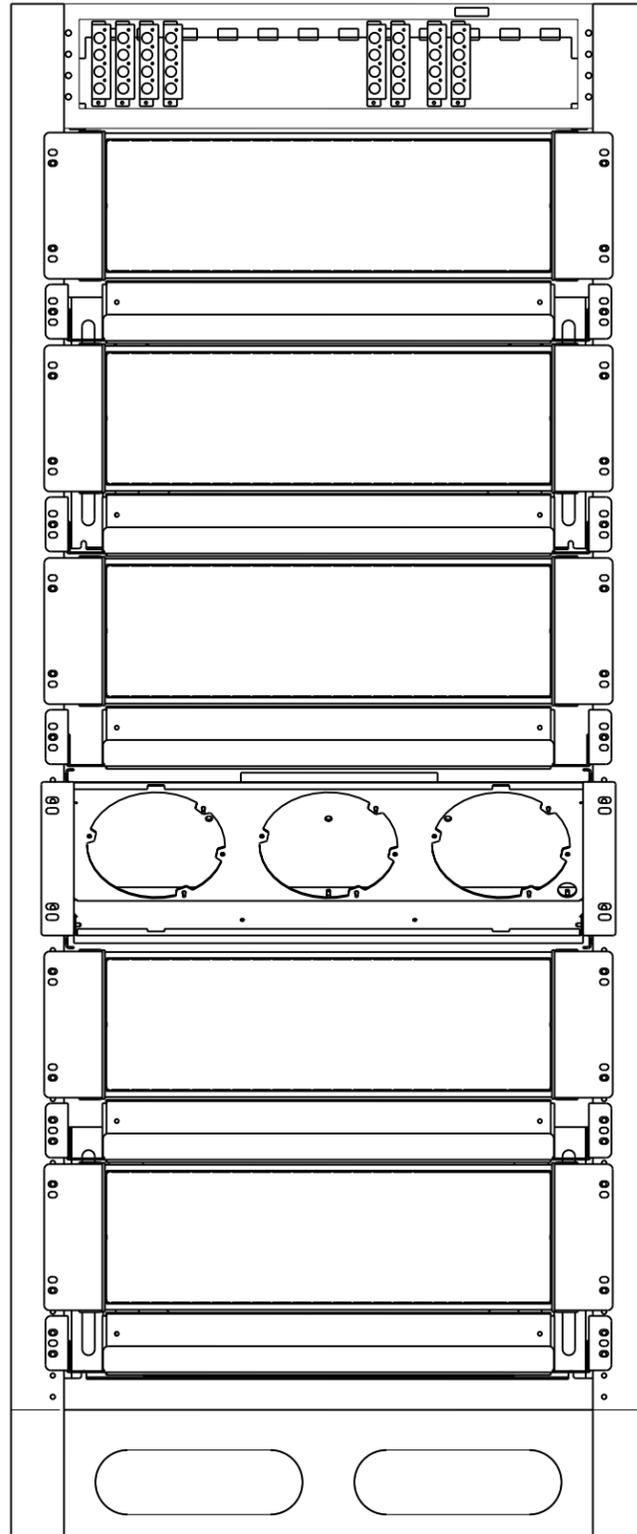
J5D003FH-2, L500
6 FAN BI-DIRECTIONAL
FAN UNIT

ED5D879-30
PSAX1250 4

PSAX1250 CABLE SUPPORT

ED5D879-30
PSAX1250 5

PSAX1250 CABLE SUPPORT



FRONT VIEW

[063]

[058]

[053] [053]

[048]

[043]

[038]

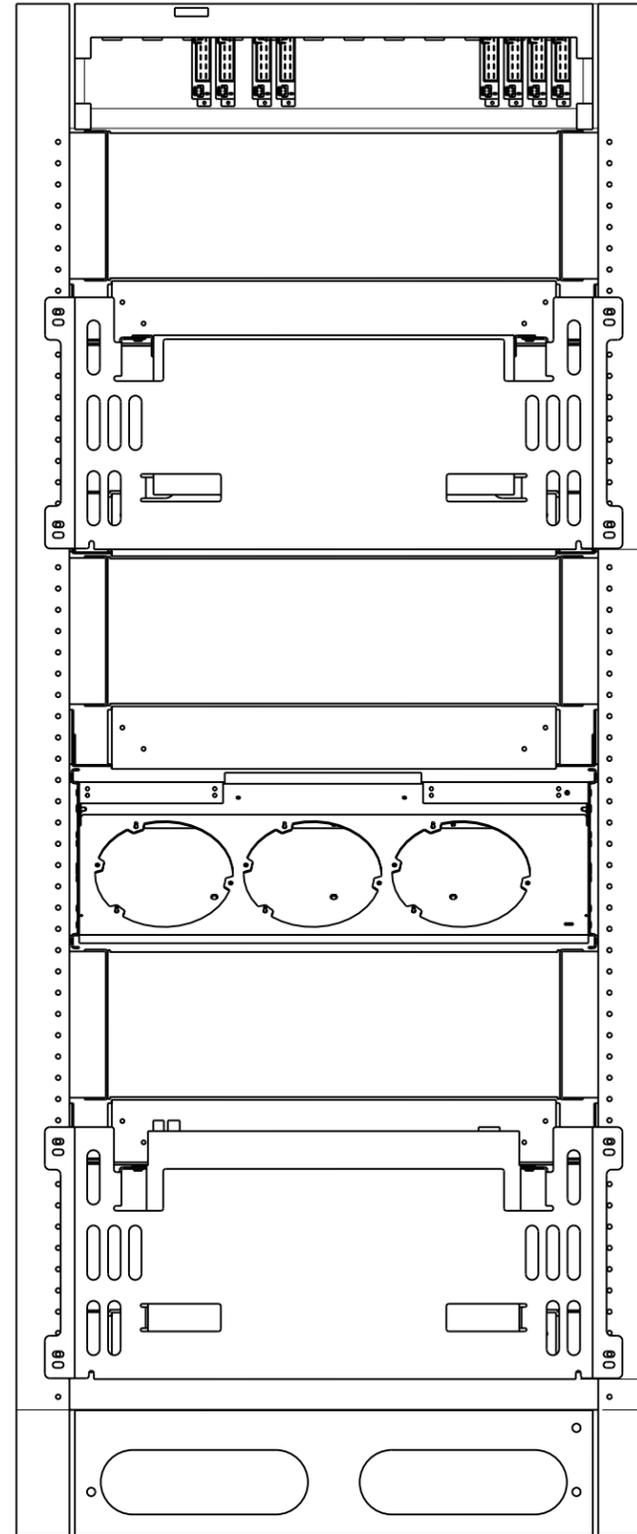
[032]

[024]

[019]

[014] [014]

[009]



REAR VIEW

MAGNUM HUB 3024

1178 [46.4]

XYPLEX HUB 1620 (DA)

187 [7.3]

0 [.0]

FIG. T
UNIT EQLS
FOR
EXP CABINET
CONFIGURED W/5 PSAX1250'S

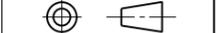
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

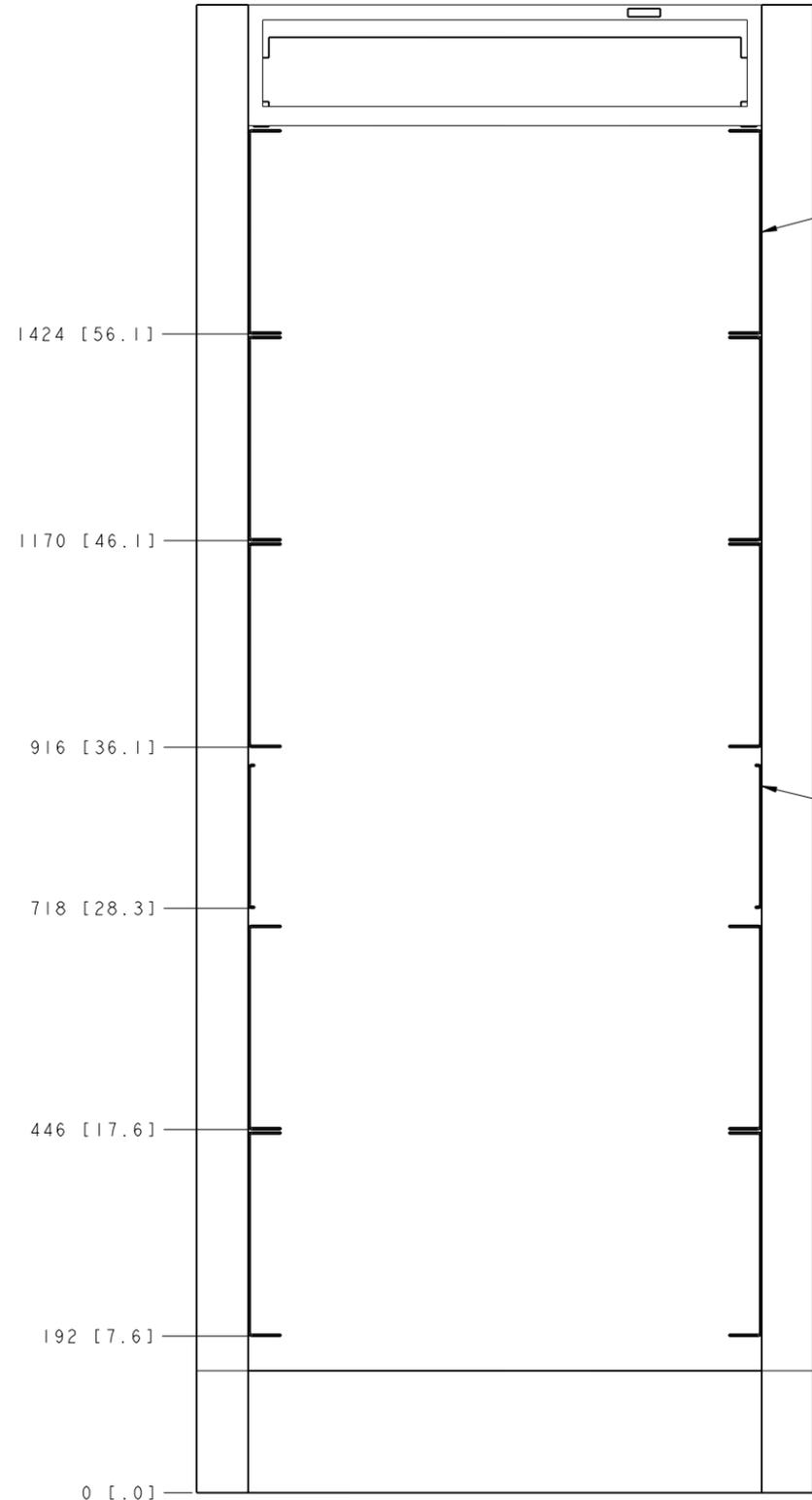
J5D061A-1

SHEET NO. B16

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P3
MODEL/ASM NAME=J5D061A-1-P3

1.13+
Create
COMMON_HARDWARE

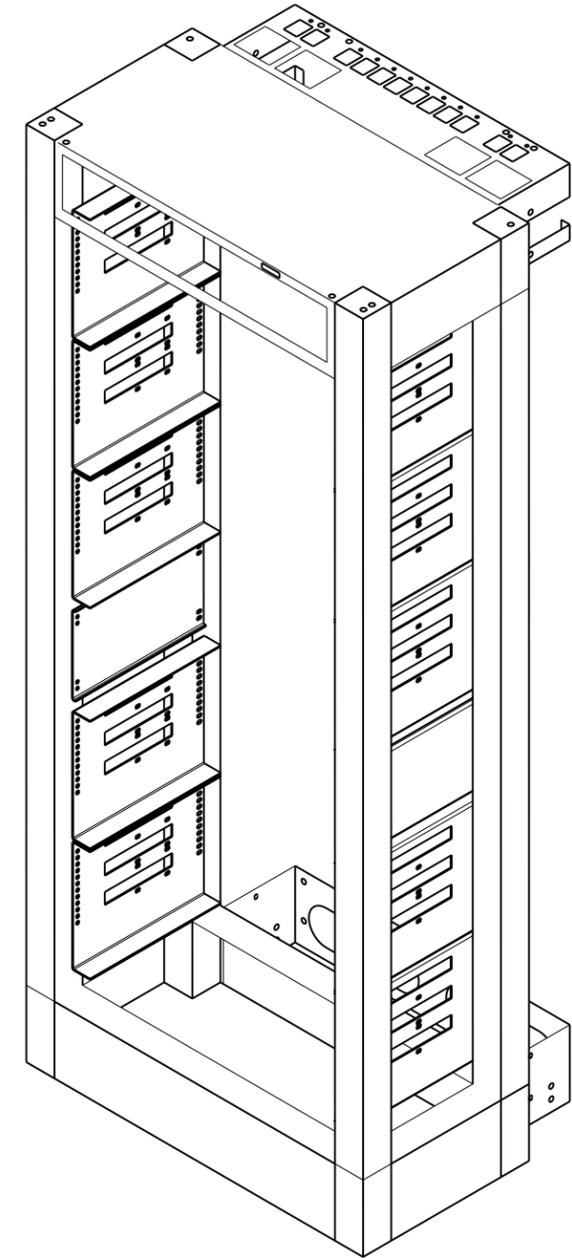


FRONT VIEW

848320552
BRACKET, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (12 REQD)
P/O 848372363
FINAL ASSY KIT FOR PSAXI250
(1 KIT PER PSAXI250 UNIT)
(SEE FIG. M)

846614766
BRACKET, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (8 REQD)
P/O 847323532
KIT, FINAL ASSY.

FIG. U
MOUNTING GUIDE LOCATIONS
FOR
EXP CABINET
CONFIGURED W/5 PSAXI250'S



PROJ - EGEDFORM.FRM - FEB 96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2	ISSUE 5
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LUCENT
TECHNOLOGIES

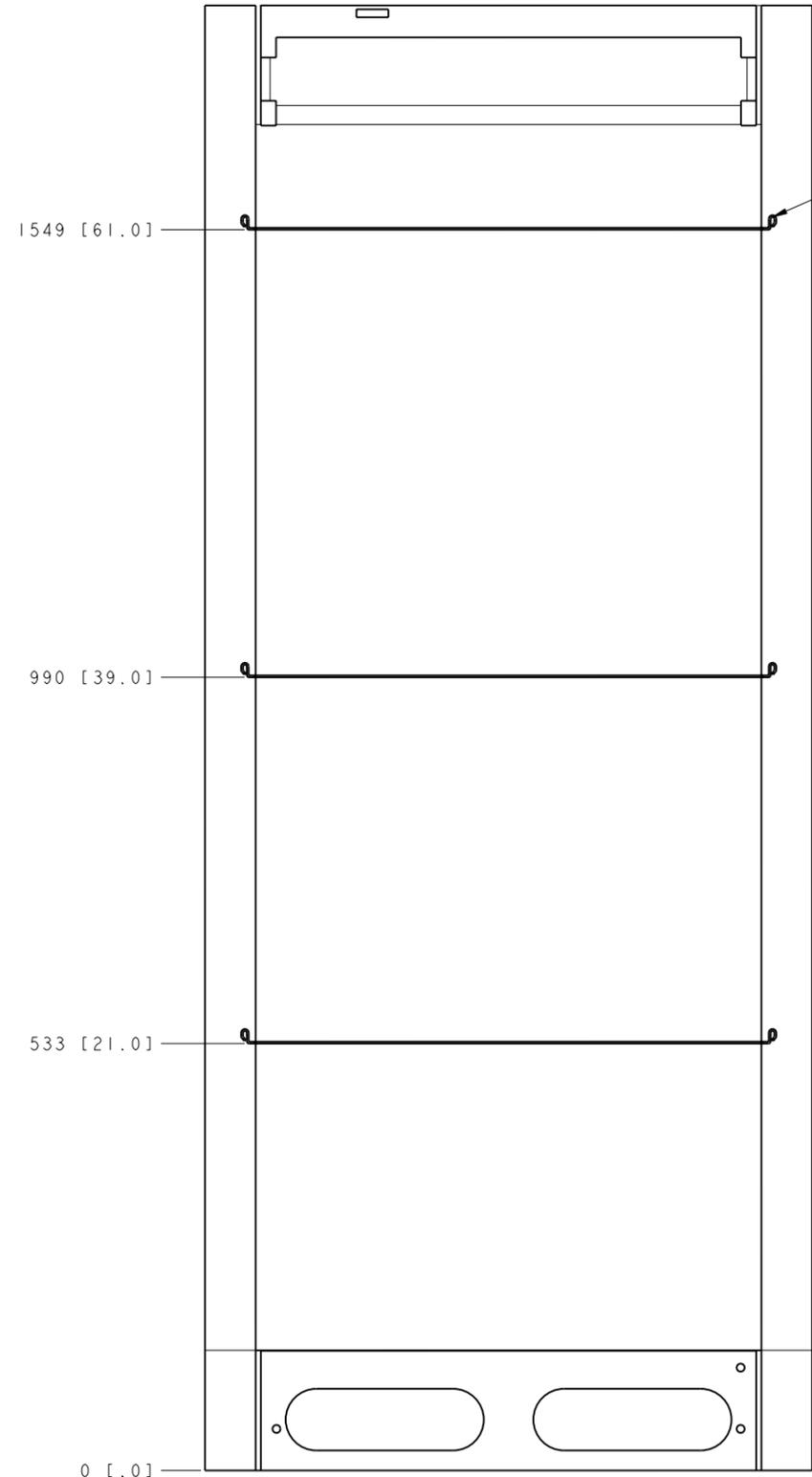
J5D061A-1

SHEET NO. B17

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

D

1.13+
Create
COMMON_HARDWARE



REAR VIEW

847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REOD)
P/O 847325891
CABLE ROD KIT
(3 PLACES)

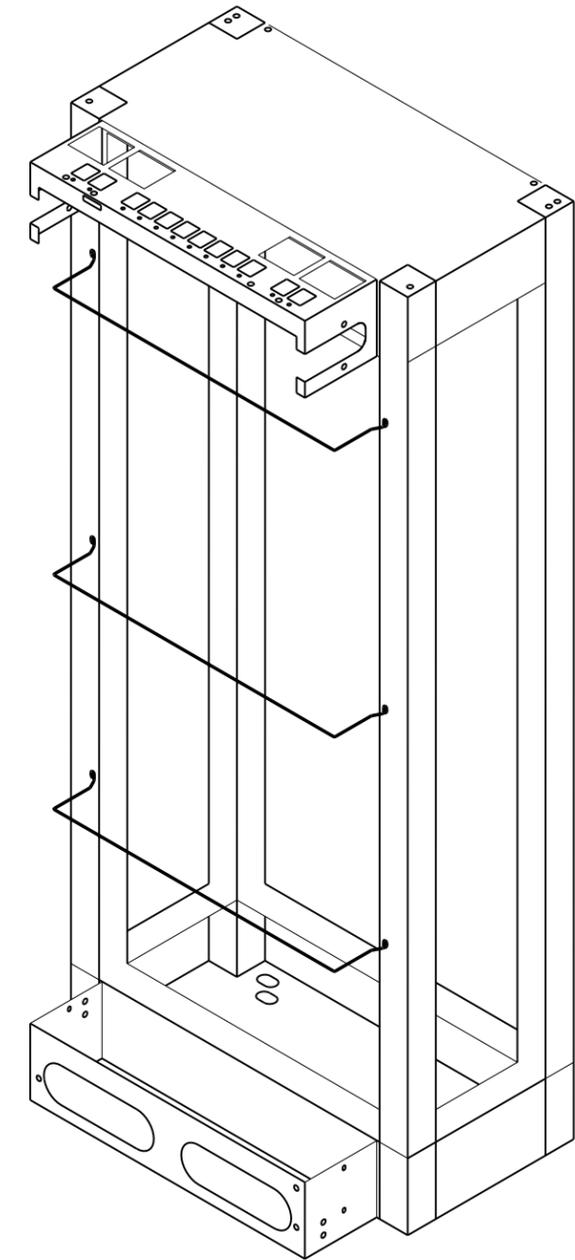


FIG. V
CABLE ROD LOCATIONS
FOR
EXP CABINET
CONFIGURED W/5 PSAX1250'S

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
5

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TECHNOLOGIES

J5D061A-1

SHEET NO.
B18

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P3
MODEL/ASM NAME=J5D061A-1-P3

1.1.3+
Create
COMMON_HARDWARE

SHEET NOTES

- 1. MOUNTING FLANGES (QTY. 2), SCREWS (QTY. 4), AND WASHERS (QTY. 4) ARE SUPPLIED WITH 408313971 (MAGNUM HUB 3024).
- 2. REMOVE 4 RUBBER FEET FROM 408313971 (HUB 3024) BEFORE ATTACHING UNIT TO 848443594 (SHELF).

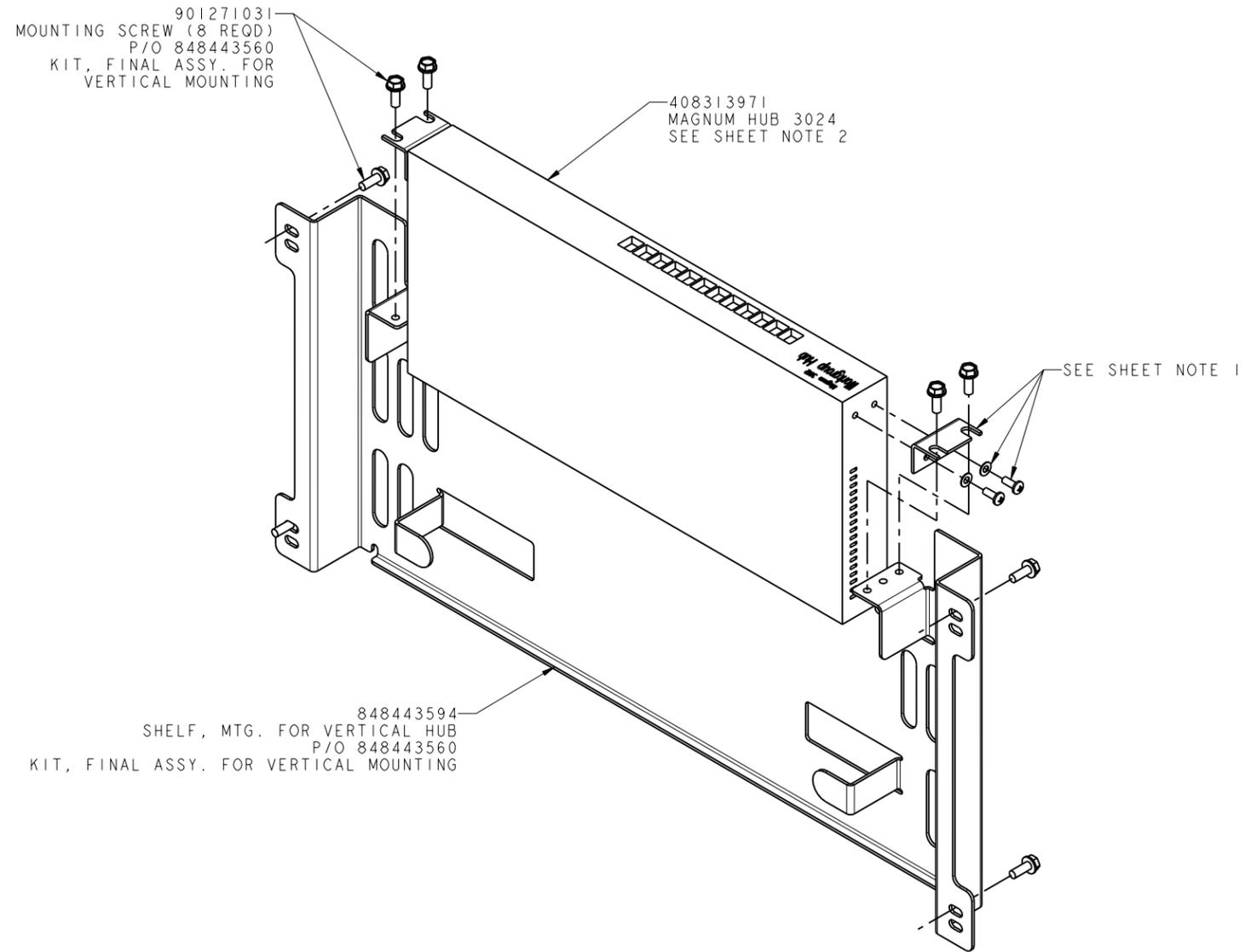


FIG. W
HUB 3024 VERTICAL MOUNTING

PROJ - EGEDFORM.FRM - FEB 96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET	THIRD ANGLE PROJN 	
	DWG SIZE C2	ISSUE 5
LUCENT TECHNOLOGIES	J5D061A-1	SHEET NO. B19

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

1.4
Create
COMMON_HARDWARE

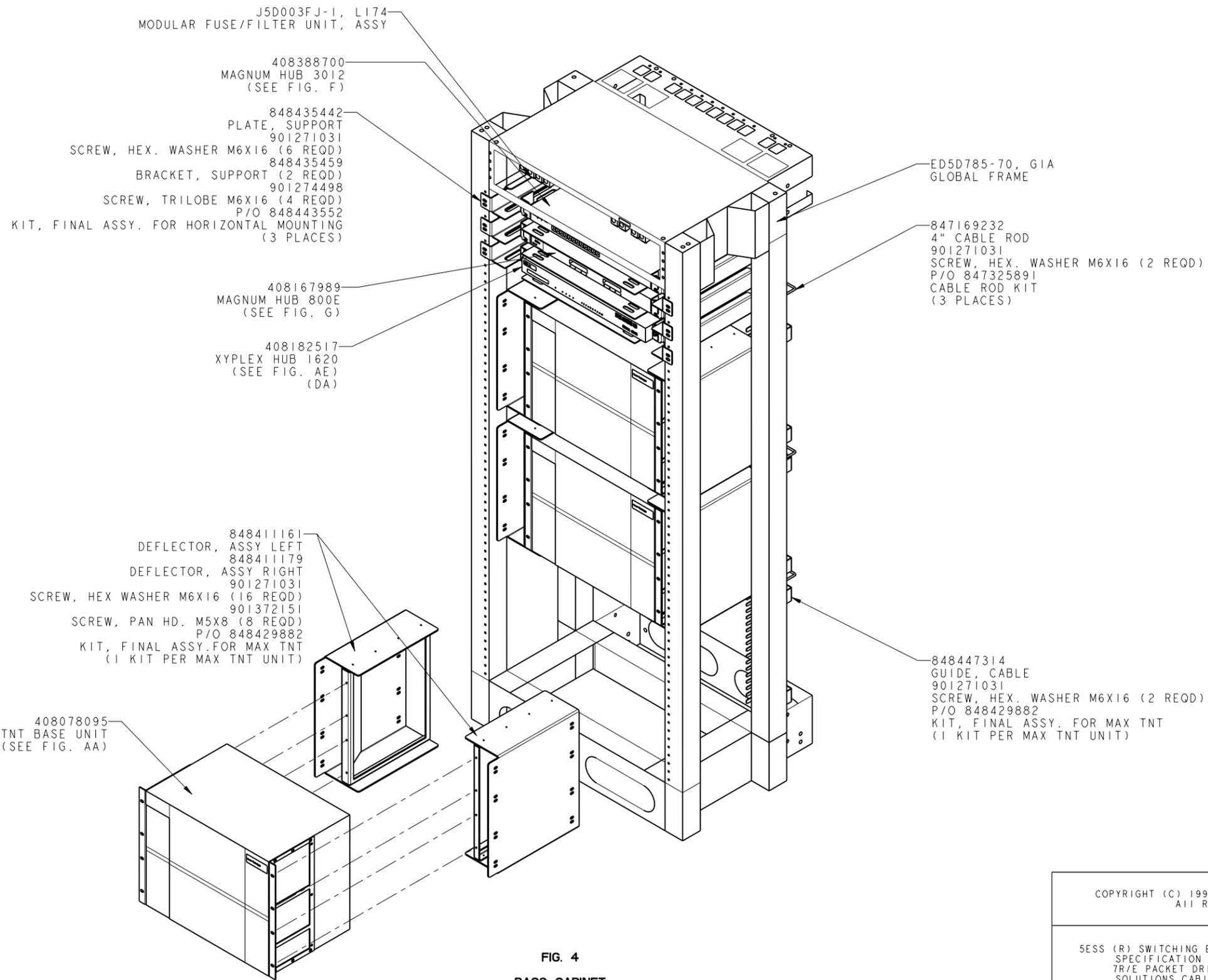


FIG. 4
RAC2 CABINET
CONFIGURED W/3 MAX TNT'S

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

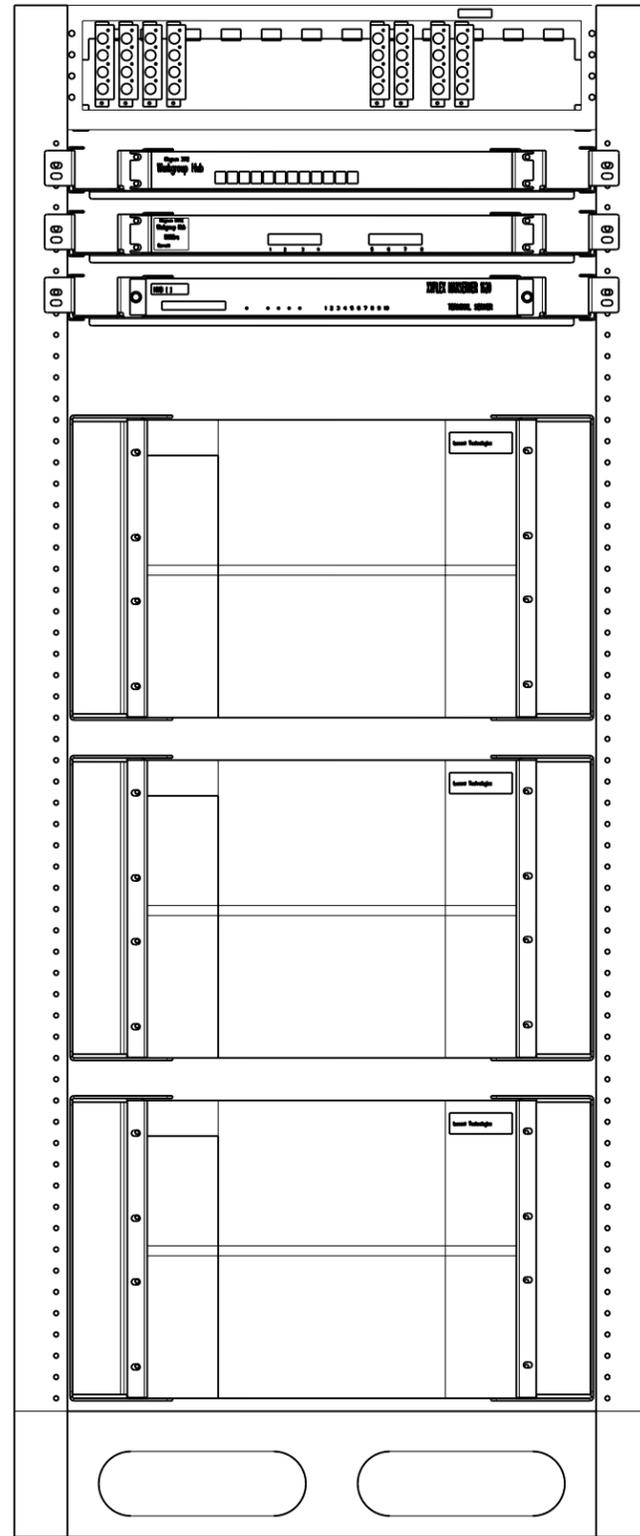
J5D061A-1

SHEET NO. B20

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P4
MODEL/ASM NAME=J5D061A-1-P4

1.4
Create
COMMON_HARDWARE



FRONT VIEW

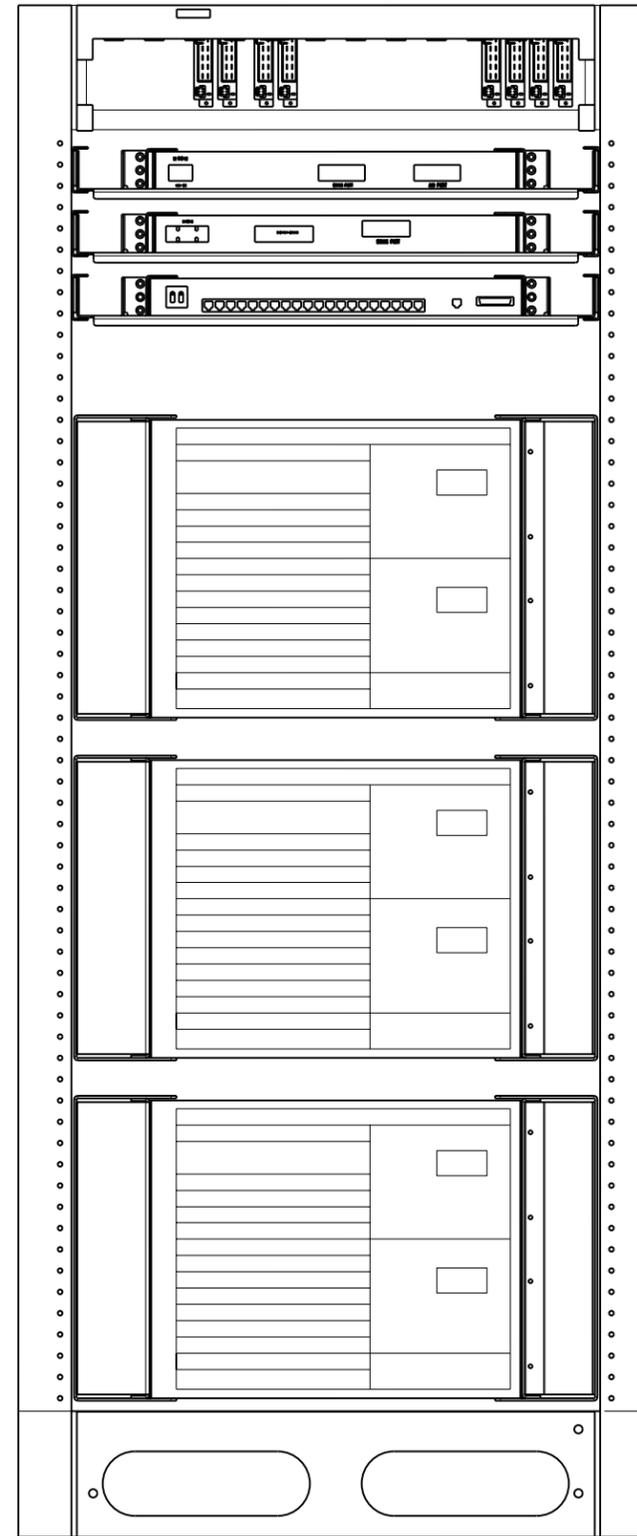
[064]
[061]
[058]

[046]

[030]

[014]

FIG. X
UNIT EQLS
FOR
RAC2 CABINET
CONFIGURED W/3 MAX TNT'S



REAR VIEW

J5D003FJ-1, L174 MFFU

MAGNUM HUB 3012

MAGNUM HUB 800E

XYPLEX HUB 1620 (DA)

ED5D883-30 MAX TNT 3

ED5D883-30 MAX TNT 2

ED5D883-30 MAX TNT 1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
6

LUCENT
TECHNOLOGIES

J5D061A-1

SHEET NO.
B21

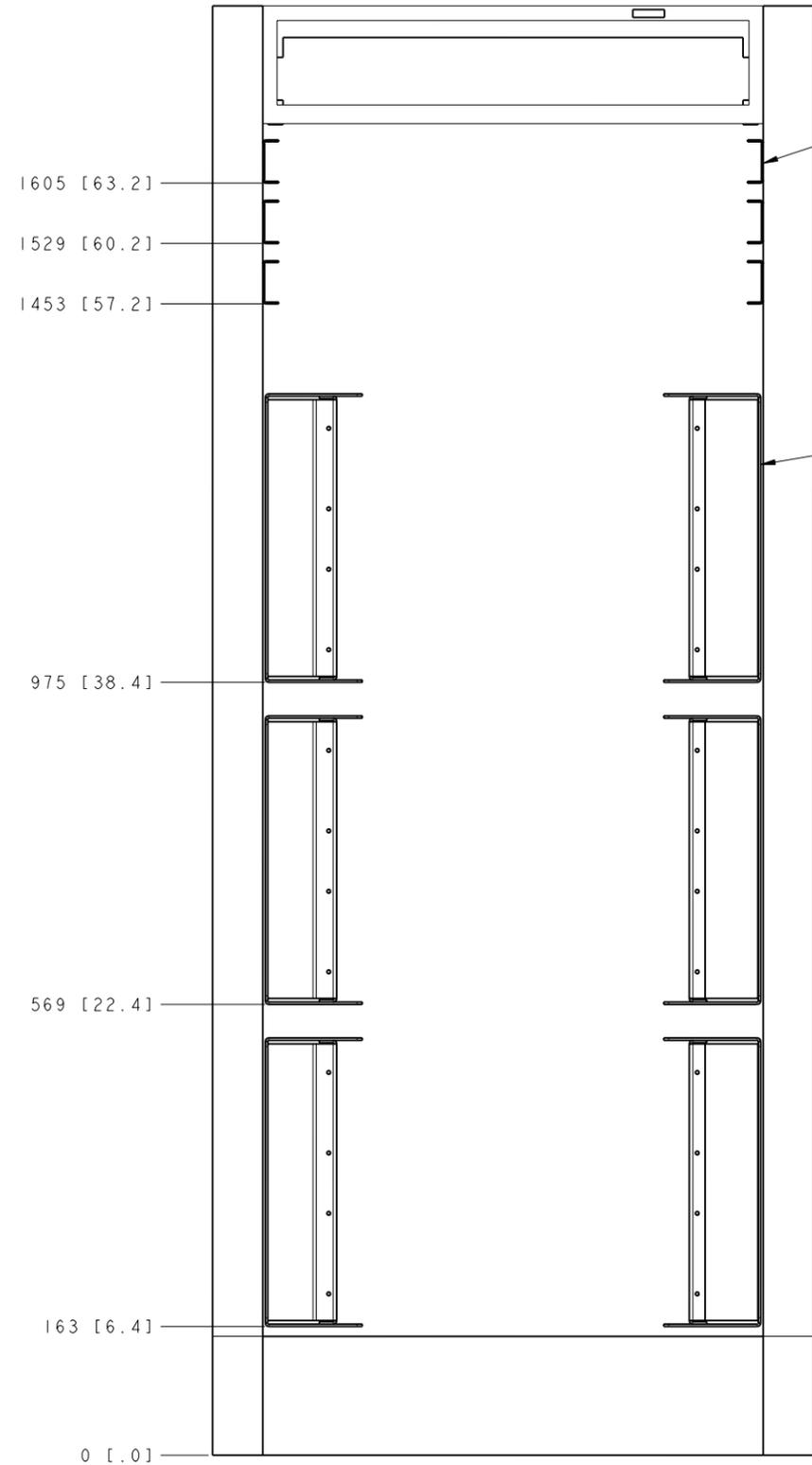
MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P4
MODEL/ASM NAME=J5D061A-1-P4

PROJ-EQEDFORM.FRM-FEB-96

J5D061A-1

1.4
Create
COMMON_HARDWARE



FRONT VIEW

848435459
BRACKET, SUPPORT (2 REQD)
901274498
SCREW, TRILOBE M6X16 (4 REQD)
P/O 848443552
KIT, FINAL ASSY. FOR
HORIZONTAL MOUNTING
(3 PLACES)

848411161
DEFLECTOR, ASSY LEFT
848411179
DEFLECTOR, ASSY RIGHT
901271031
SCREW, HEX. WASHER M6X16 (16 REQD)
P/O 848429882
KIT, FINAL ASSY. FOR MAX TNT
(1 KIT PER MAX TNT UNIT)

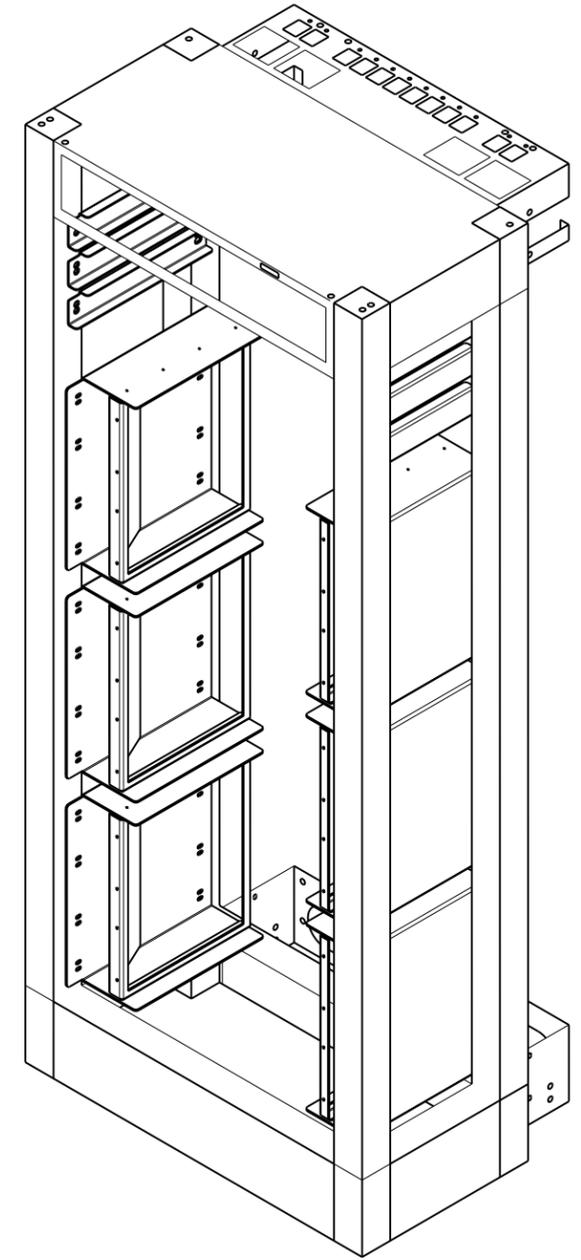


FIG. Y

MOUNTING GUIDE LOCATIONS
FOR
RAC2 CABINET
CONFIGURED W/3 MAX TNT'S

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE C2 ISSUE 5

LUCENT TECHNOLOGIES

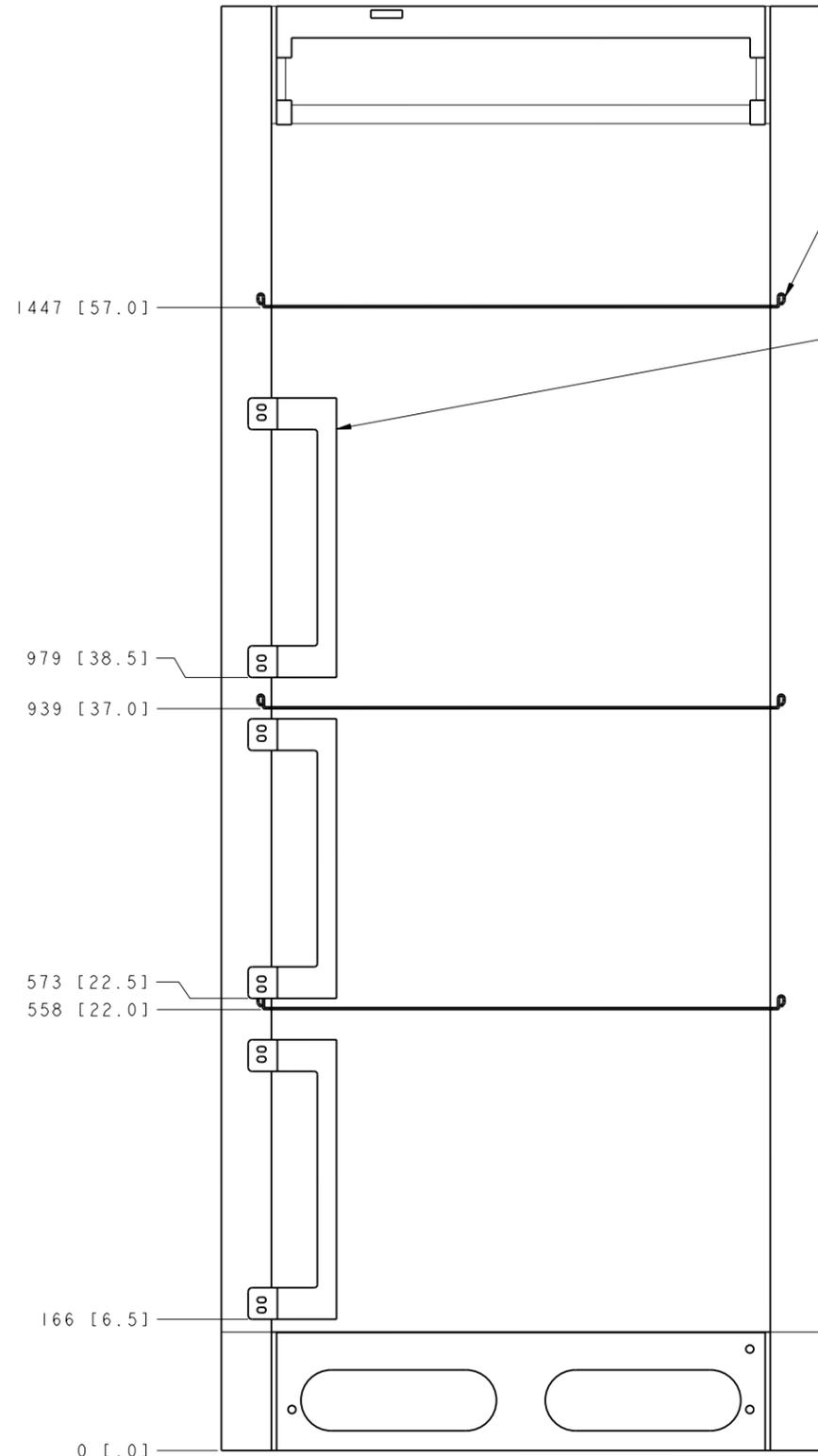
J5D061A-1

SHEET NO. B22

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P4
MODEL/ASM NAME=J5D061A-1-P4

1.4
Create
COMMON_HARDWARE



REAR VIEW

847169232
4" CABLE ROD
901271031
SCREW, HEX. WASHER M6X16 (2 REQD)
P/O 847325891
CABLE ROD KIT
(3 PLACES)

848447314
GUIDE, CABLE
901271031
SCREW, HEX. WASHER M6X16 (2 REQD)
P/O 848429882
KIT, FINAL ASSY. FOR MAX TNT
(1 KIT PER MAX TNT UNIT)

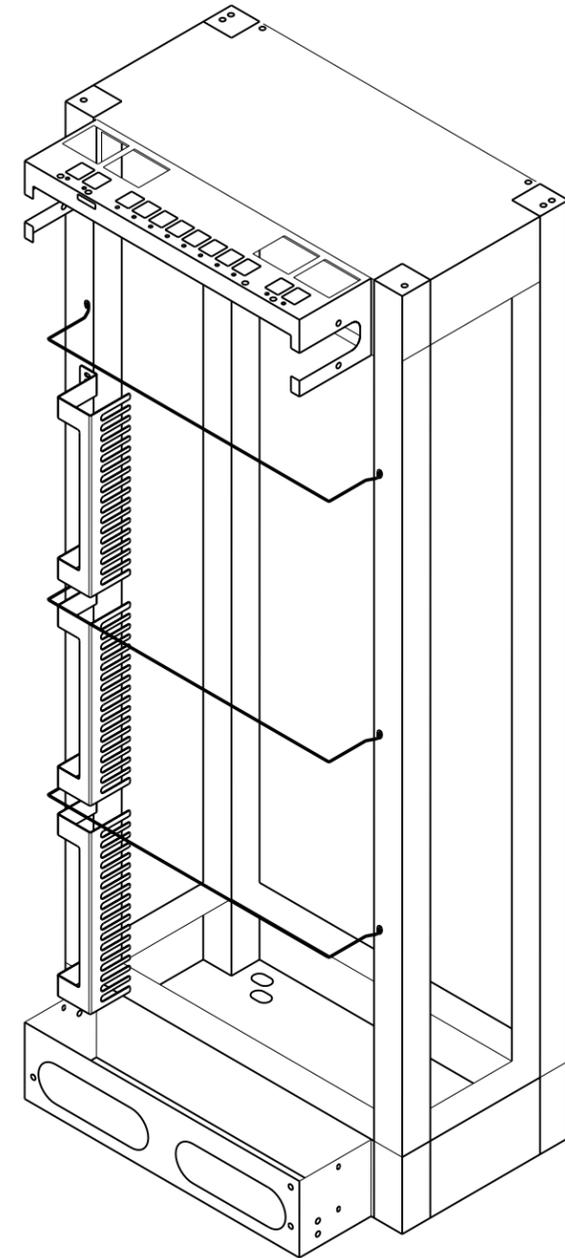


FIG. Z
CABLE ROD LOCATIONS
FOR
RAC2 CABINET
CONFIGURED W/3 MAX TNT'S

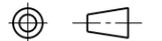
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
5

LUCENT
TECHNOLOGIES

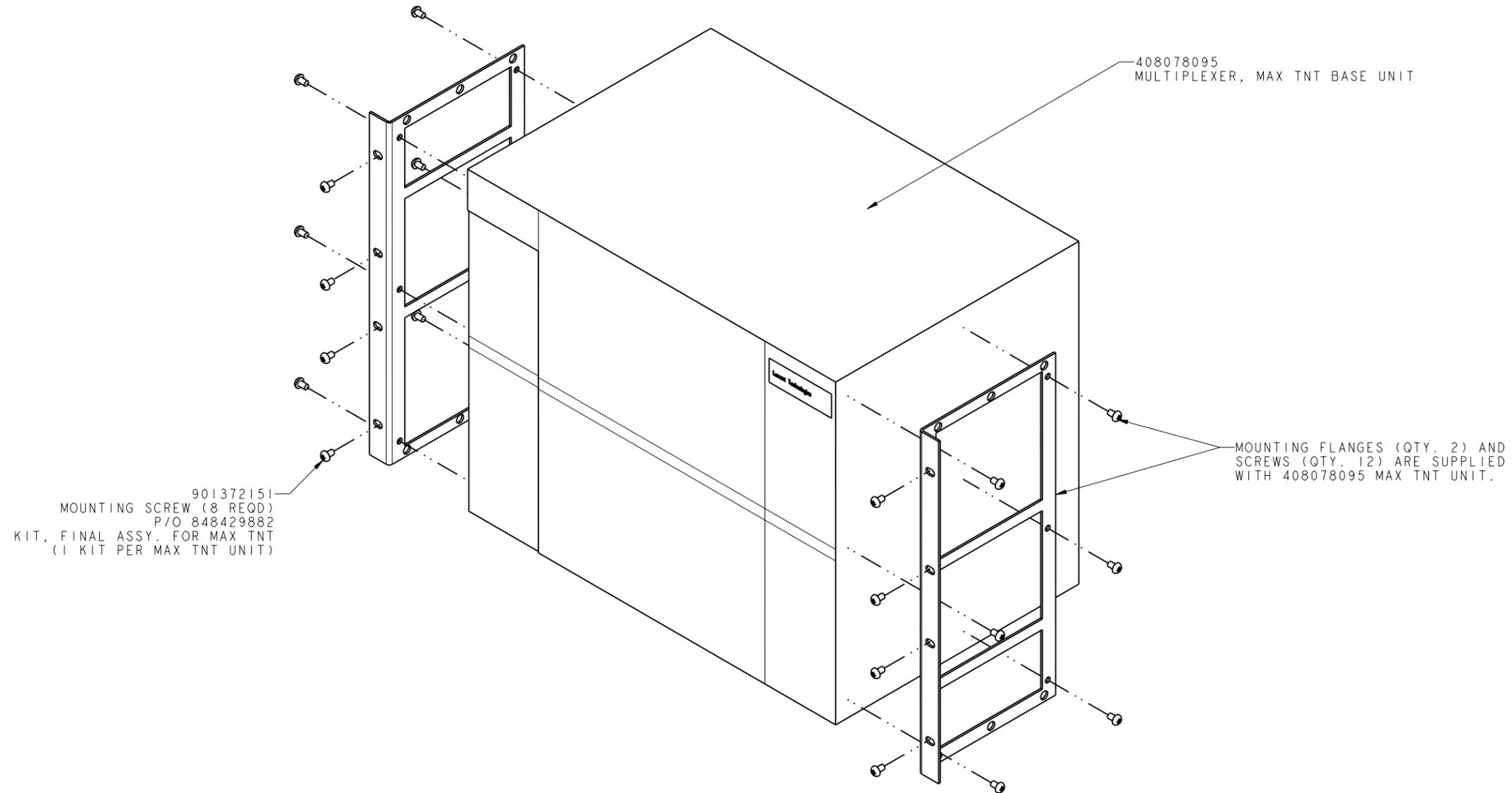
J5D061A-1

SHEET NO.
B23

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P4
MODEL/ASM NAME=J5D061A-1-P4

1.4
Create
COMMON_HARDWARE



901372151
MOUNTING SCREW (8 REQD)
P/O 848429882
KIT, FINAL ASSY. FOR MAX TNT
(1 KIT PER MAX TNT UNIT)

408078095
MULTIPLEXER, MAX TNT BASE UNIT

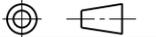
MOUNTING FLANGES (QTY. 2) AND
SCREWS (QTY. 12) ARE SUPPLIED
WITH 408078095 MAX TNT UNIT.

FIG. AA
ED5D883-30
MAX TNT MOUNTING

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE
C2

ISSUE
5

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TECHNOLOGIES

J5D061A-1

SHEET NO.
B24

MODELED BY: REA JOHNSON DATE: 24-NOV-1999

DRAWING NAME=J5D061A-1-P4
MODEL/ASM NAME=J5D061A-1-P4

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

1.1
Released
COMMON-HARDWARE

J5D003FJ-1, L174
MODULAR FUSE/FILTER UNIT, ASSY
848435442
PLATE, SUPPORT
901271031
MOUNTING SCREW (6 REQD)
848435459
BRACKET, SUPPORT (2 REQD)
901274498
MOUNTING SCREW (4 REQD)
P/O 848443552
FINAL ASSY KIT FOR HORIZONTAL MOUNTING
(2 PLACES)

408388700
MAGNUM HUB 3012
(SEE FIG. F)

408182517
XYPLEX HUB 1620
(SEE FIG. AE)
(DA)

848445367
BRACKET, MOUNTING (2 REQD)
901274498
MOUNTING SCREW (8 REQD)
P/O 848445375
FINAL ASSY KIT FOR PSAX2300

848445342
BRACKET, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (4 REQD)
901298604
MOUNTING SCREW (4 REQD)
901364950
MOUNTING SCREW (16 REQD)
P/O 848445375
KIT, FINAL ASSY FOR PSAX2300
(SEE FIG. AF)

408265692
CHASSIS, BASE FOR PSAX2300
(SEE FIG. AF)

ED5D878-30
ASSY, CBX500 FINAL
(SEE FIG. Q, N, & R)

ED5D785-70, GIA
GLOBAL FRAME

847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(3 PLACES)

848487989
BAFFLE, HEAT DEFLECTOR
848377164
BRACKET, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (6 REQD)
P/O 848496519
AIR DEFLECTOR KIT
(SEE FIG. AX)

FIG. 5
ATM2 CABINET
CONFIGURED W/1 PSAX2300 & CBX500

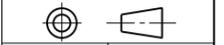
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

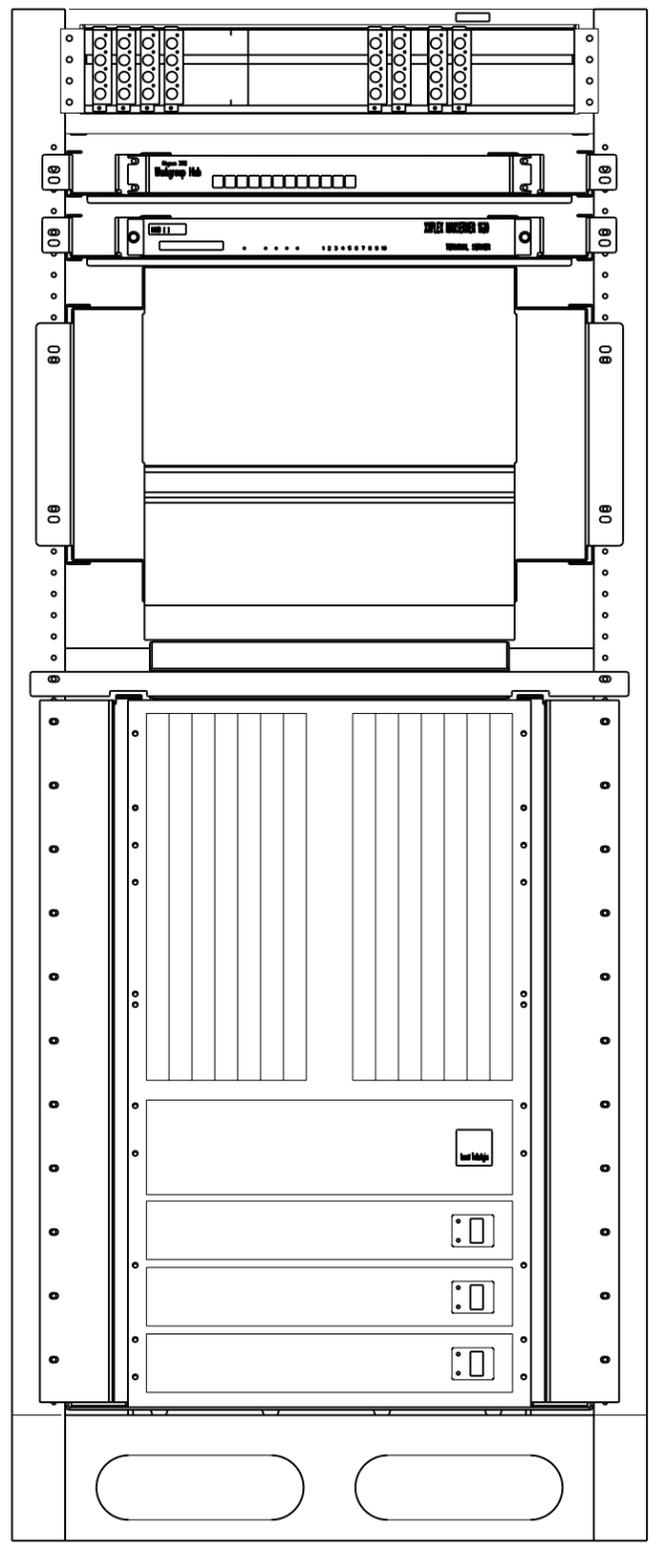
J5D061A-1

SHEET NO. B25

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P5
MODEL/ASM NAME=J5D061A-1-P5

1.1
Released
COMMON-HARDWARE



FRONT VIEW

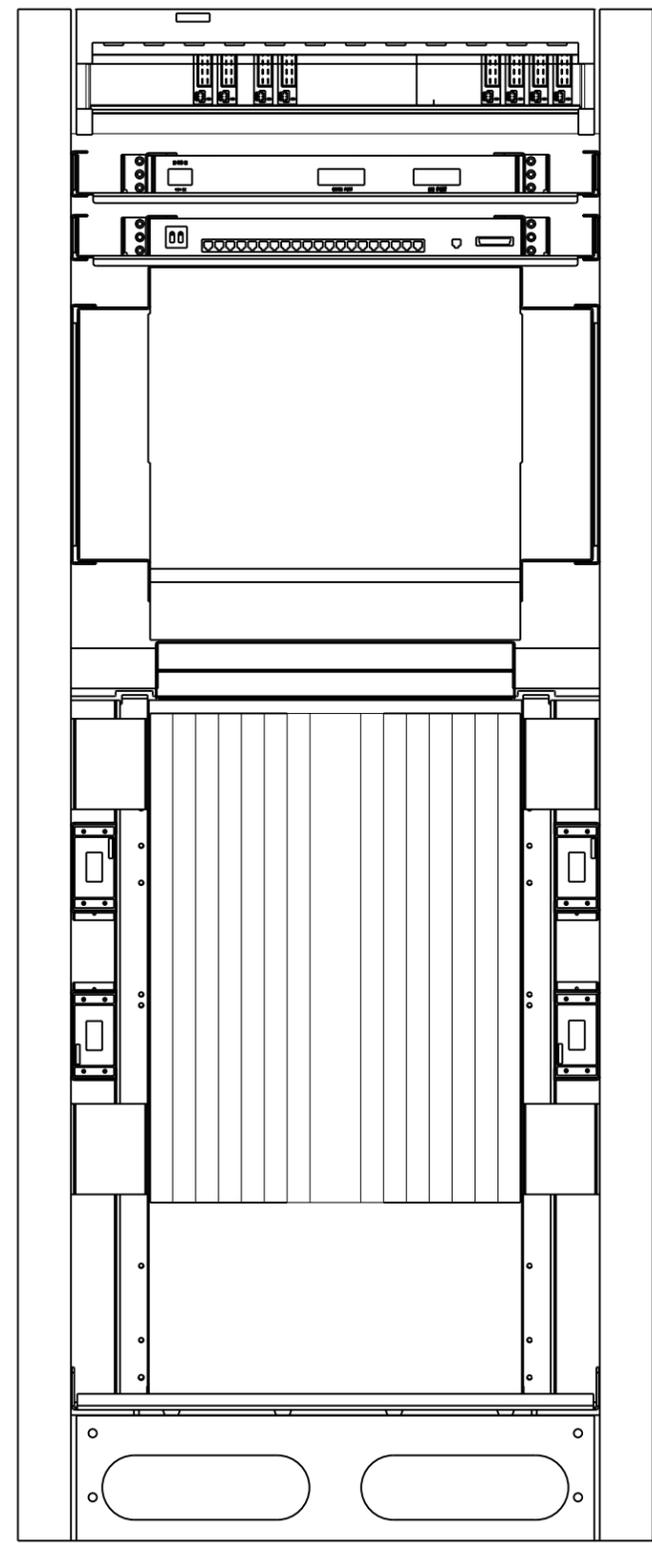
[064]

[061]

[050]

[041]

[023]



REAR VIEW

J5D003FJ-1 MFFU, L174

MAGNUM HUB 3012

XYPLEX HUB 1620 (DA)

ED5D884-30
PSAX2300

HEAT DEFLECTOR BAFFLE

ED5D878-30
CBX500

FIG. AB
UNIT EQLS
FOR ATM2 CABINET
CONFIGURED W/1 PSAX2300 AND CBX500

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN

DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B26

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P5
MODEL/ASM NAME=J5D061A-1-P5

1.1
Released
COMMON_HARDWARE

63 [63.2]

60 [60.2]

46 [45.9]

6 [6.2]

0 [.0]

848435459
BRACKET, SUPPORT (2 REQD)
901274498
MOUNTING SCREW (4 REQD)
P/O 848443552
KIT, FINAL ASSY FOR
HORIZONTAL MOUNTING
(2 PLACES)

848445367
BRACKET, MOUNTING (2 REQD)
901274498
MOUNTING SCREW (8 REQD)
P/O 848445375
FINAL ASSY KIT FOR PSAX2300

SEE FIG. N

FRONT VIEW

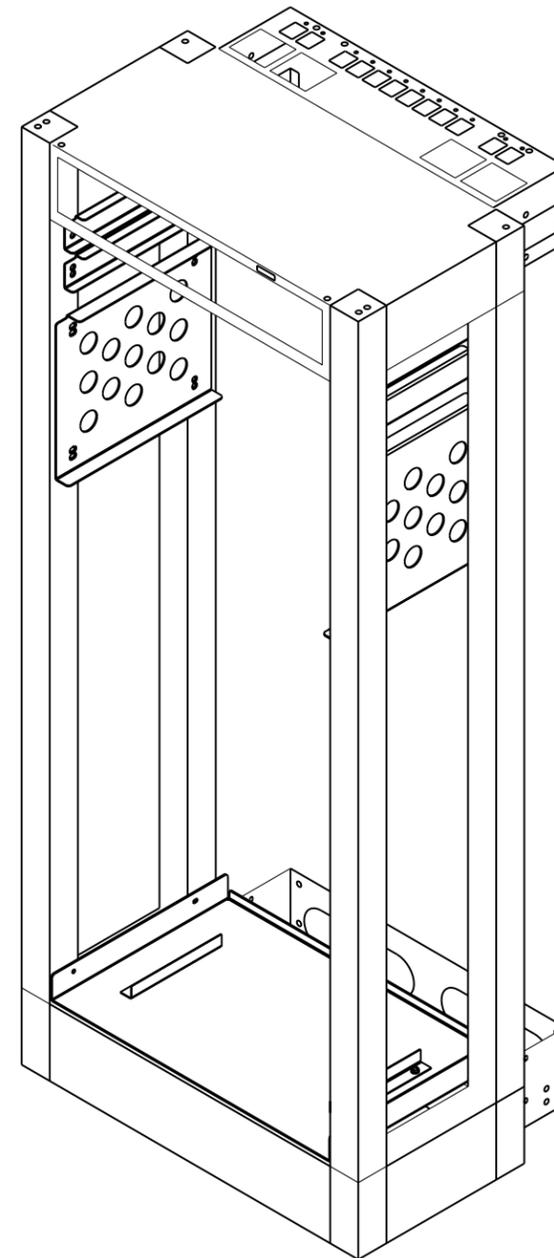


FIG. AC
MOUNTING GUIDE LOCATIONS
FOR ATM2 CABINET
CONFIGURED W/1 PSAX2300 & CBX500

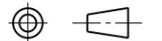
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
5

LUCENT
TECHNOLOGIES

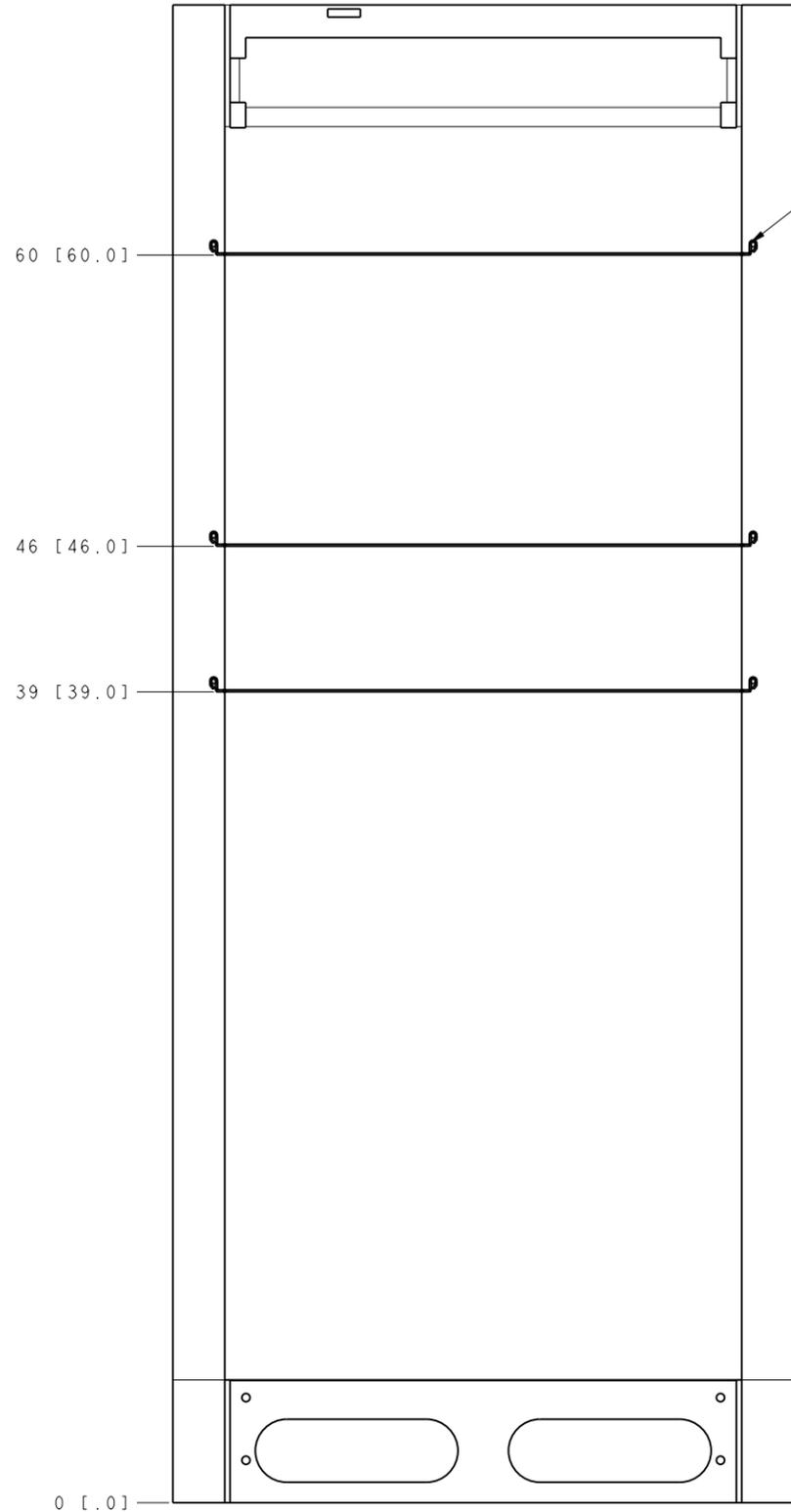
J5D061A-1

SHEET NO.
B27

MODELED BY: REA JOHNSON DATE: 26-NOV-1999

DRAWING NAME=J5D061A-1-P5
MODEL/ASM NAME=J5D061A-1-P5

1.1
Released
COMMON_HARDWARE



847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(3 PLACES)

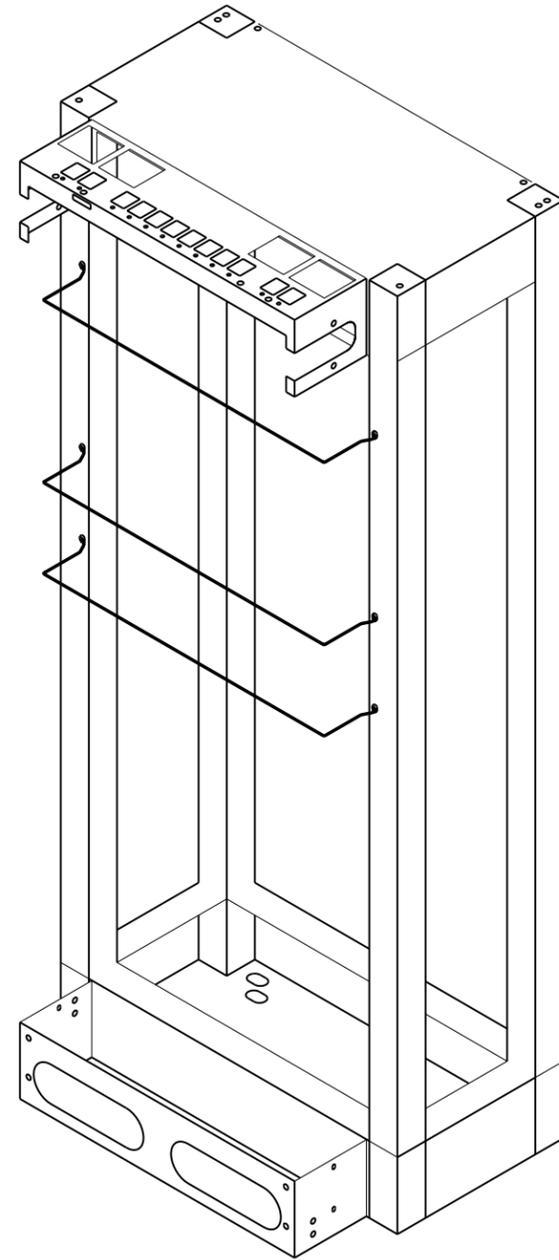


FIG. AD
CABLE ROD LOCATIONS
FOR ATM2 CABINET
CONFIGURED W/1 PSAX2300 & CBX500

REAR VIEW

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		THIRD ANGLE PROJ 	
(P) DWG SIZE C2		ISSUE 5	
LUCENT TECHNOLOGIES		SHEET NO. B28	
J5D061A-1		DATE: 26-NOV-1999	

MODELED BY: REA JOHNSON

DRAWING NAME=J5D061A-1-P5
MODEL/ASM NAME=J5D061A-1-P5

1.1
Released
COMMON-HARDWARE

SHEET NOTES

- 1. SCREWS (QTY. 6) AND MOUNTING BRACKETS (QTY. 2) ARE SUPPLIED WITH 408182517 (XYPLEX HUB 1620).

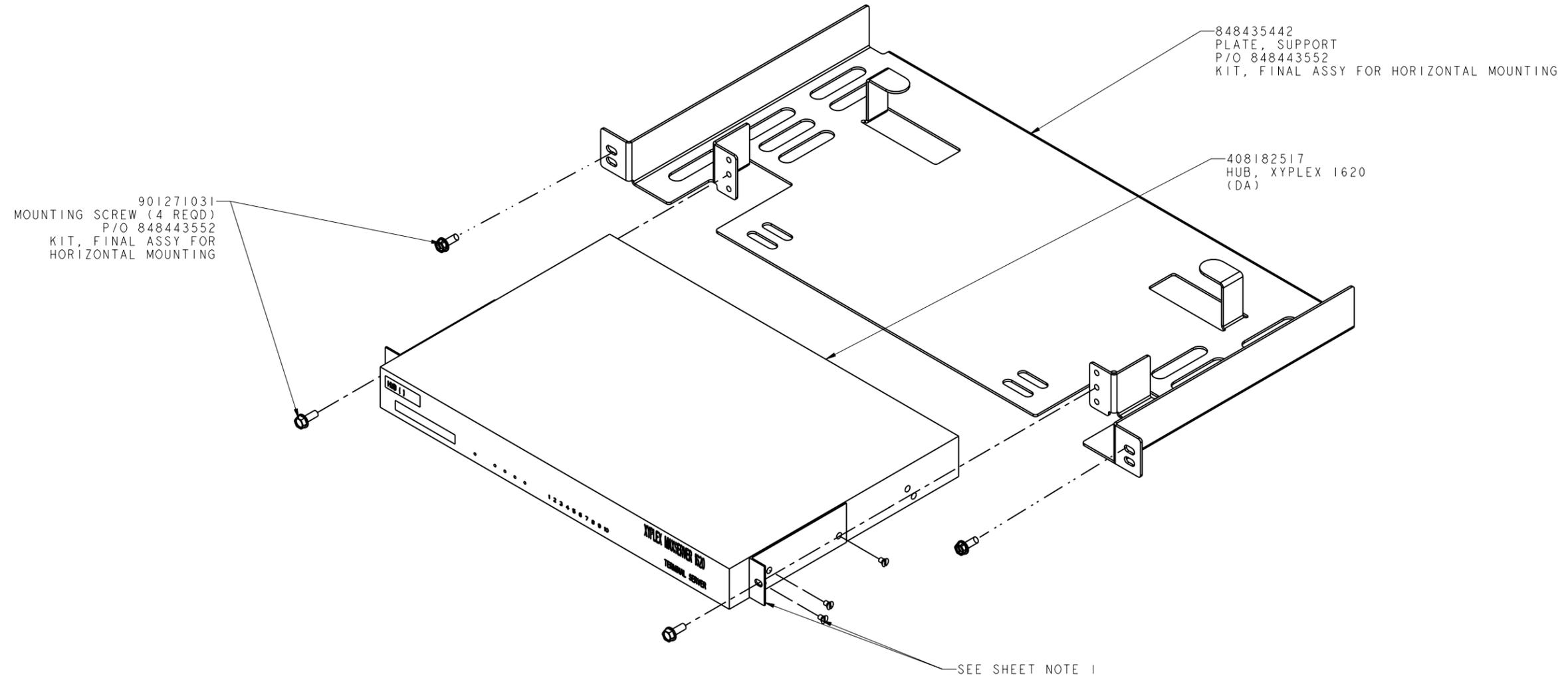


FIG. AE
HUB 1620 BENCH ASSY
(DA)

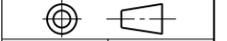
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B29

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P5
MODEL/ASM NAME=J5D061A-1-P5

1.1
Released
COMMON-HARDWARE

SHEET NOTES

1. THIS SCREW REPLACES THE PREVIOUS SCREW (901298604).

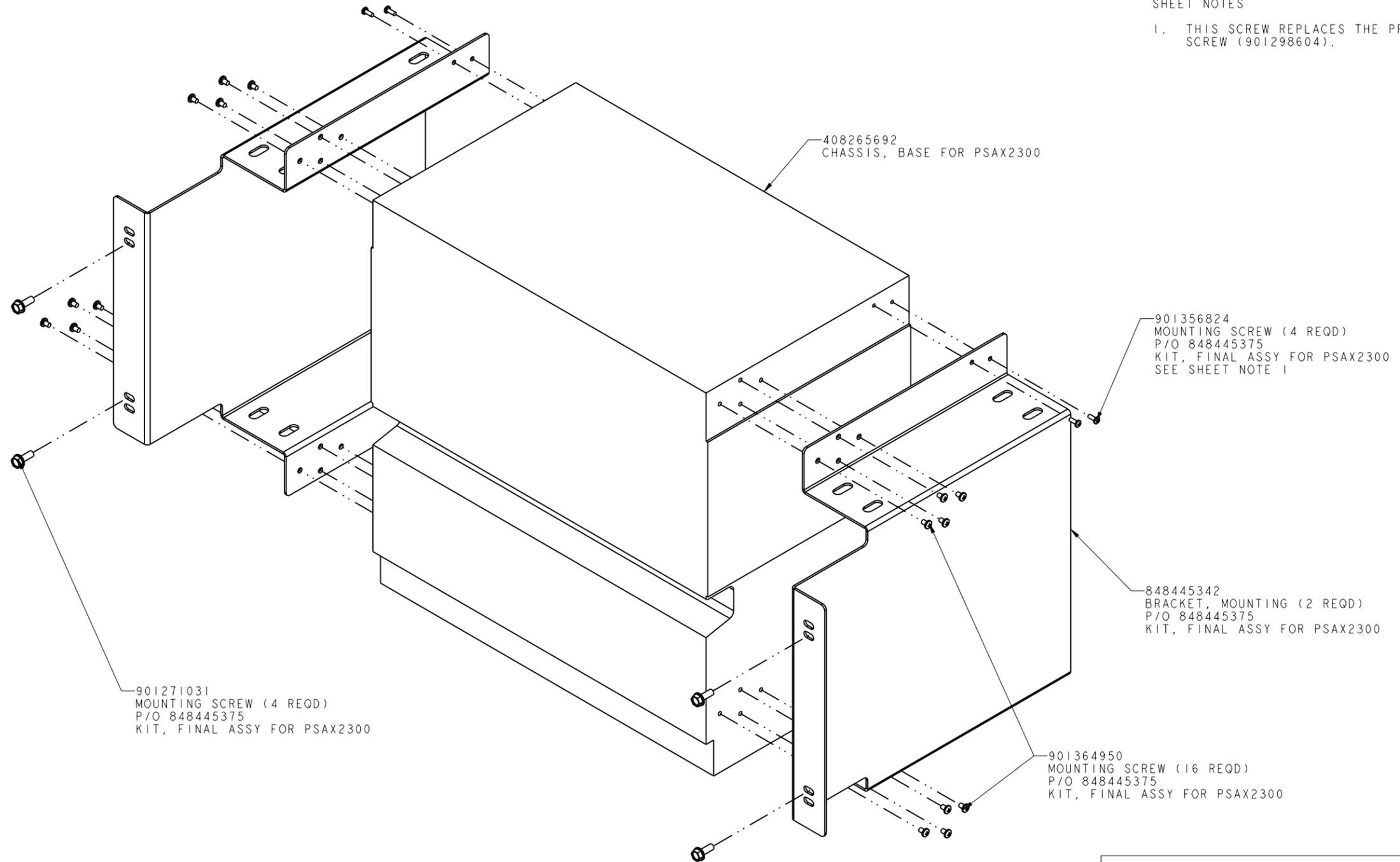
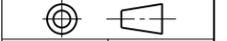


FIG. AF
PSAX2300 MOUNTING

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE C2 ISSUE 5

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B30

MODELED BY: REA JOHNSON DATE: 26-NOV-1999

DRAWING NAME=J5D061A-1-P5
MODEL/ASM NAME=J5D061A-1-P5

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

1.1.4
Create
COMMON-HARDWARE

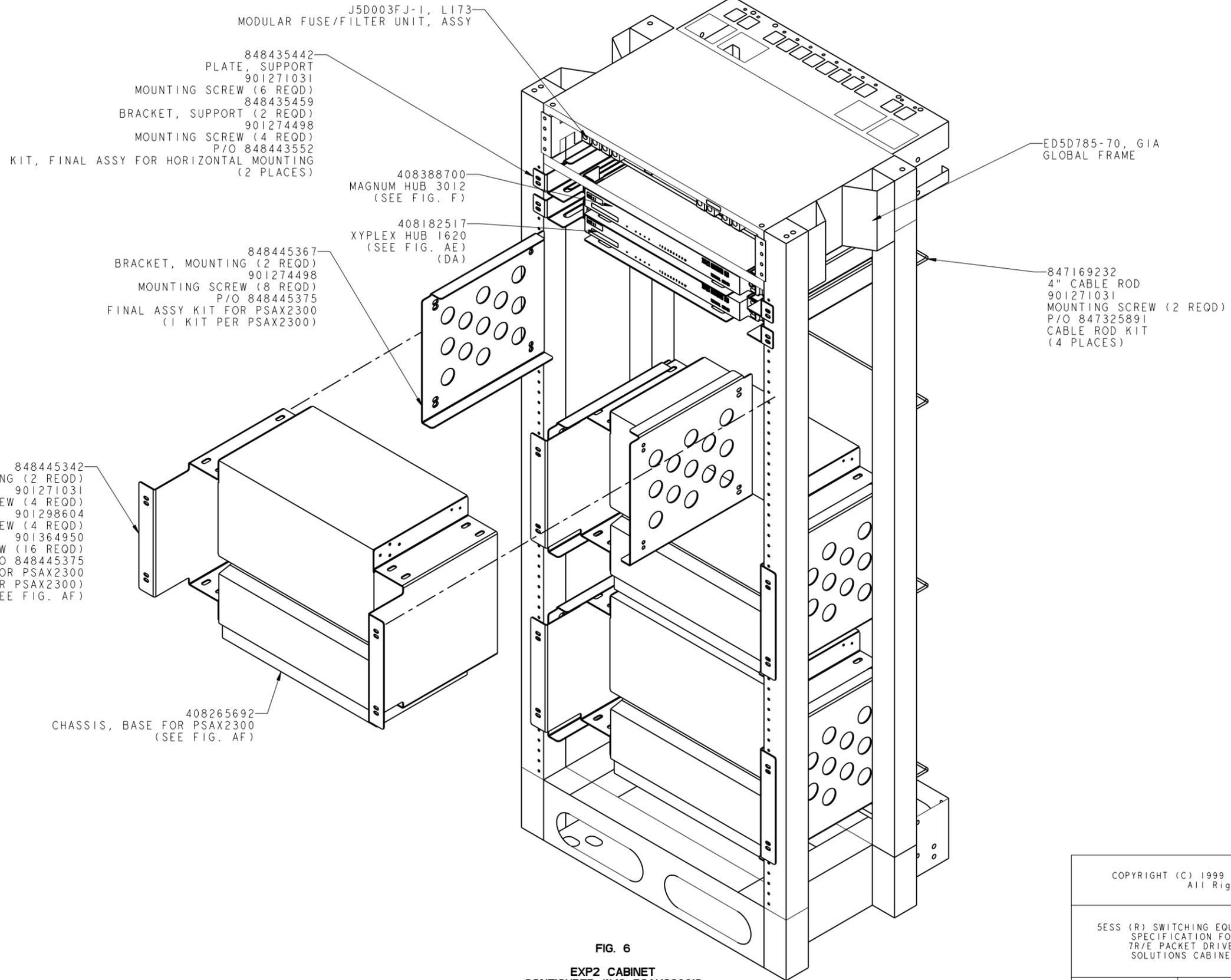


FIG. 6
EXP2 CABINET
CONFIGURED W/3 PSAX2300'S

PROJ-EGEDFORM.FRM-FEB-96

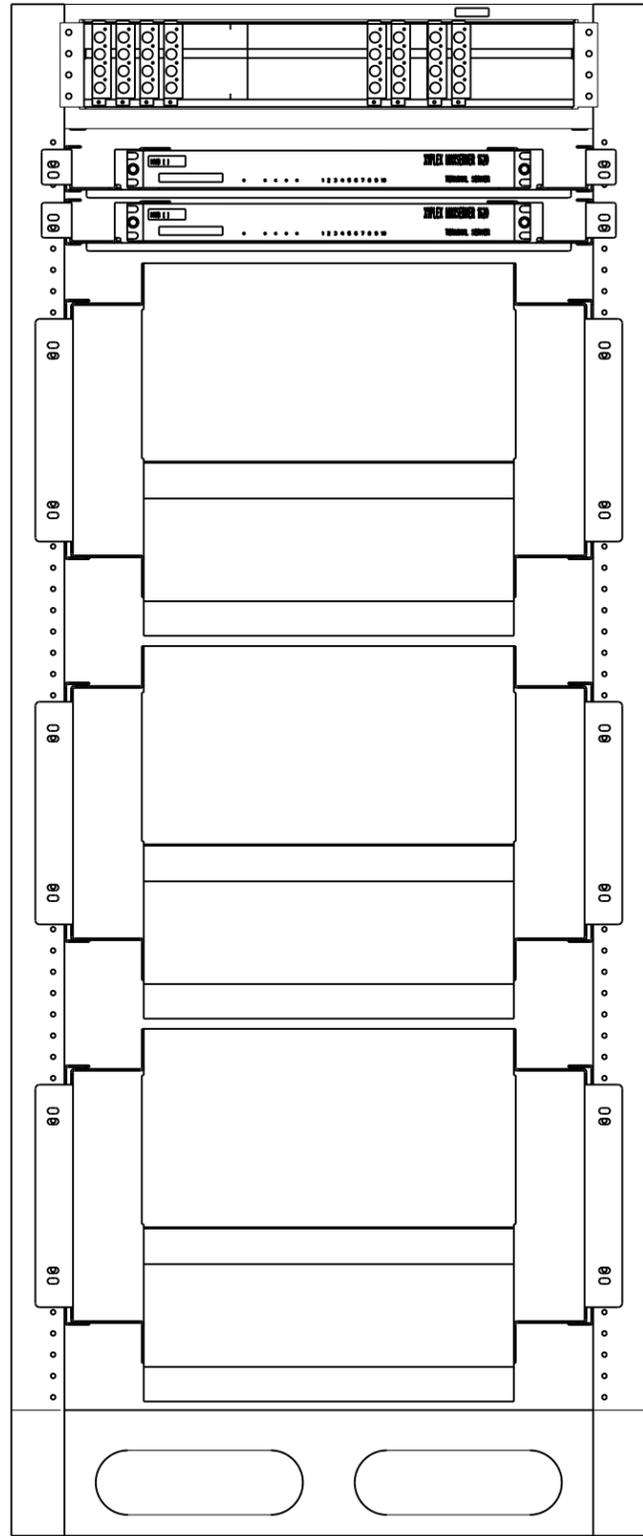
J5D061A-1

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SESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		THIRD ANGLE PROJ
DWG SIZE C2	ISSUE 6	SHEET NO. B31
LUCENT TECHNOLOGIES	J5D061A-1	

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P6
MODEL/ASM NAME=J5D061A-1-P6

1.1.4
Create
COMMON_HARDWARE



FRONT VIEW

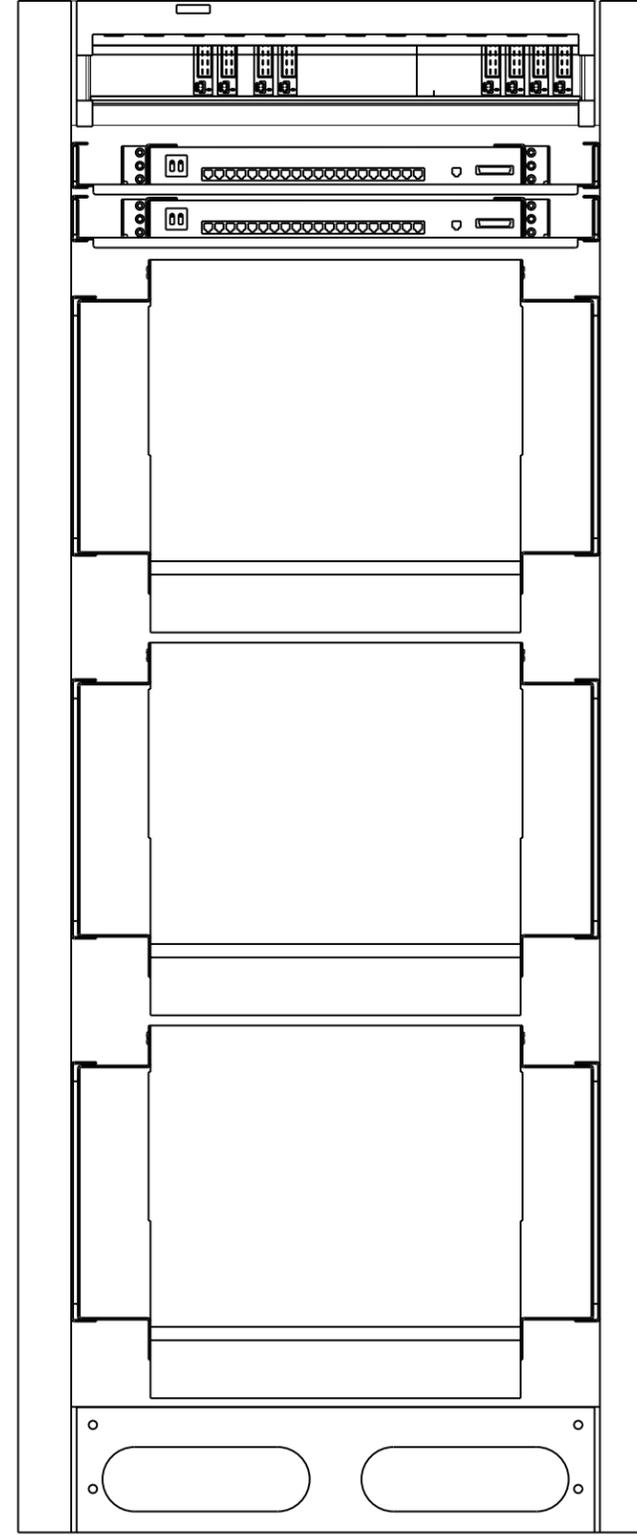
[064]

[061]

[052]

[034]

[016]



REAR VIEW

J5D003FJ-1, L173 MFFU

MAGNUM HUB 3012

XYPLEX HUB 1620 (DA)

PSAX2300 3

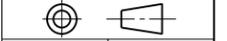
PSAX2300 2

PSAX2300 1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B32

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P6
MODEL/ASM NAME=J5D061A-1-P6

PROJ-EQEDFORM.FRM-FEB-96

J5D061A-1

FIG. AG
UNIT EQLS FOR
EXP2 CABINET
CONFIGURED W/3 PSAX2300'S

1.12+
Create
COMMON-HARDWARE

1605 [63.2]

1542 [60.7]

1166 [45.9]

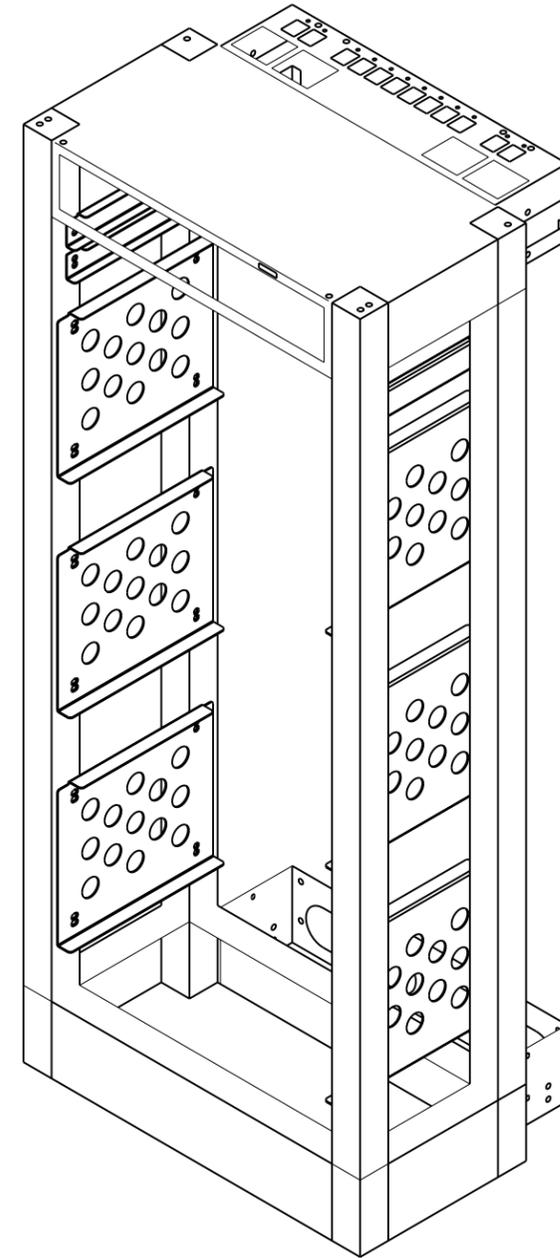
709 [27.9]

252 [9.9]

0 [.0]

848435459
BRACKET, SUPPORT (2 REQD)
901274498
MOUNTING SCREW (4 REQD)
P/O 848443552
KIT, FINAL ASSY FOR
HORIZONTAL MOUNTING
(2 PLACES)

848445367
BRACKET, MOUNTING (2 REQD)
901274498
MOUNTING SCREW (8 REQD)
P/O 848445375
FINAL ASSY KIT FOR PSAX2300
(1 KIT PER PSAX2300)



PROJ-EGEDFORM.FRM-FEB-96

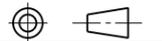
J5D061A-1

FIG. AH
MOUNTING GUIDE
LOCATIONS FOR
EXP2 CABINET
CONFIGURED W/3 PSAX2300'S

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
5

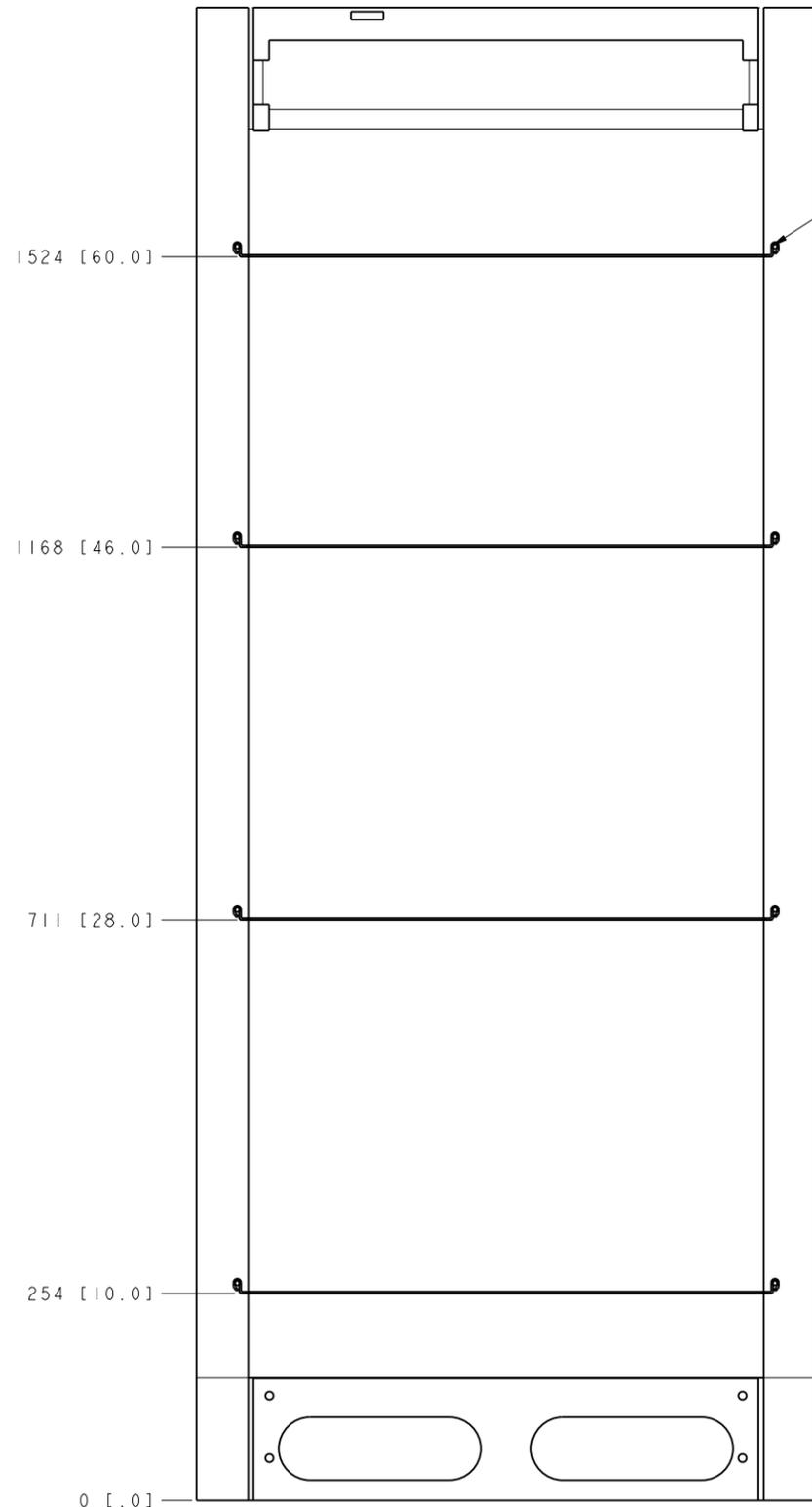
LUCENT
TECHNOLOGIES

J5D061A-1

SHEET NO.
B33

MODELED BY: REA JOHNSON DATE: 26-NOV-1999

1.12+
Create
COMMON_HARDWARE



847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(4 PLACES)

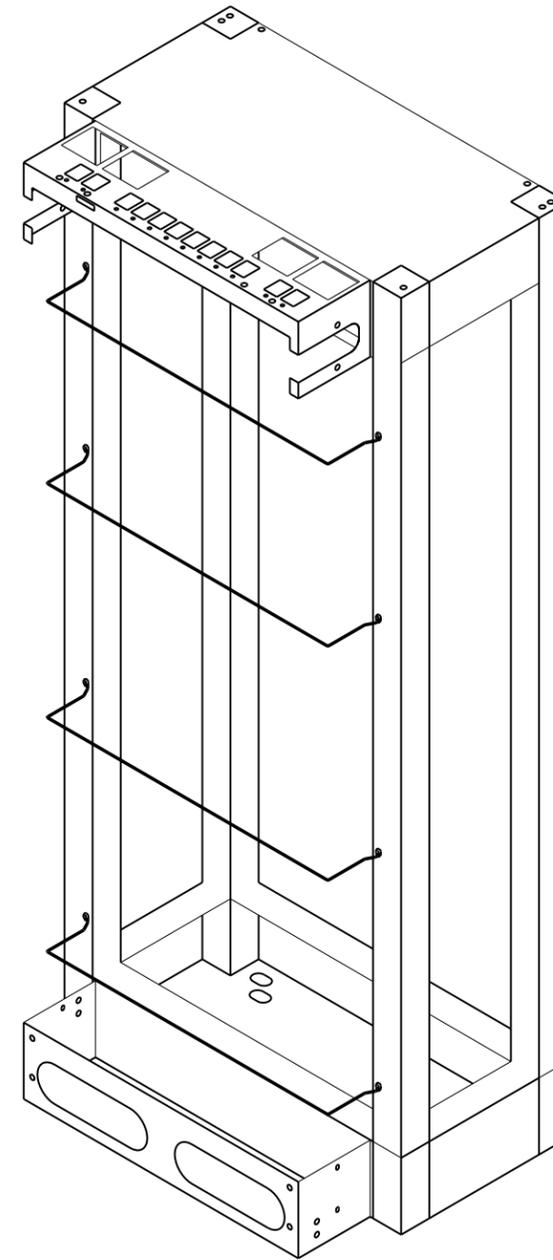


FIG. AJ
CABLE ROD
LOCATIONS FOR
EXP2 CABINET
CONFIGURED W/3 PSAX2300'S

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 5

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B34

MODELED BY: REA JOHNSON DATE: 26-NOV-1999

DRAWING NAME=J5D061A-1-P6
MODEL/ASM NAME=J5D061A-1-P6

1.2
Create
COMMON-HARDWARE

- J5D003FJ-1, L173
MODULAR FUSE/FILTER UNIT, ASSY
- 848435442
PLATE, SUPPORT
901271031
MOUNTING SCREW (6 REQD)
- 848435459
BRACKET, SUPPORT (2 REQD)
901274498
MOUNTING SCREW (4 REQD)
P/O 848443552
KIT, FINAL ASSY FOR HORIZONTAL MOUNTING
(2 PLACES)

- 408388700
MAGNUM HUB 3012
(SEE FIG. F)

- 408182517
XYPLEX HUB 1620
(SEE FIG. AE)
(DA)

THESE POSITIONS ARE RESERVED
FOR FUTURE GROWTH

- 848135547
SLIDE, CHASSIS (2 REQD)
901271031
MOUNTING SCREW (8 REQD)
P/O 848268728
KIT, FINAL ASSY
(1 KIT PER CGU)

- 848134961
GUIDE, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (4 REQD)
901340547
MOUNTING SCREW (12 REQD)
P/O 848268728
KIT, FINAL ASSY
(1 KIT PER CGU)
(SEE FIG. AQ)

- 848483426
KIT, CG PROCESSOR
(SEE FIG. AQ)

ED5D785-70, G1A
GLOBAL FRAME

- 847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(5 PLACES)

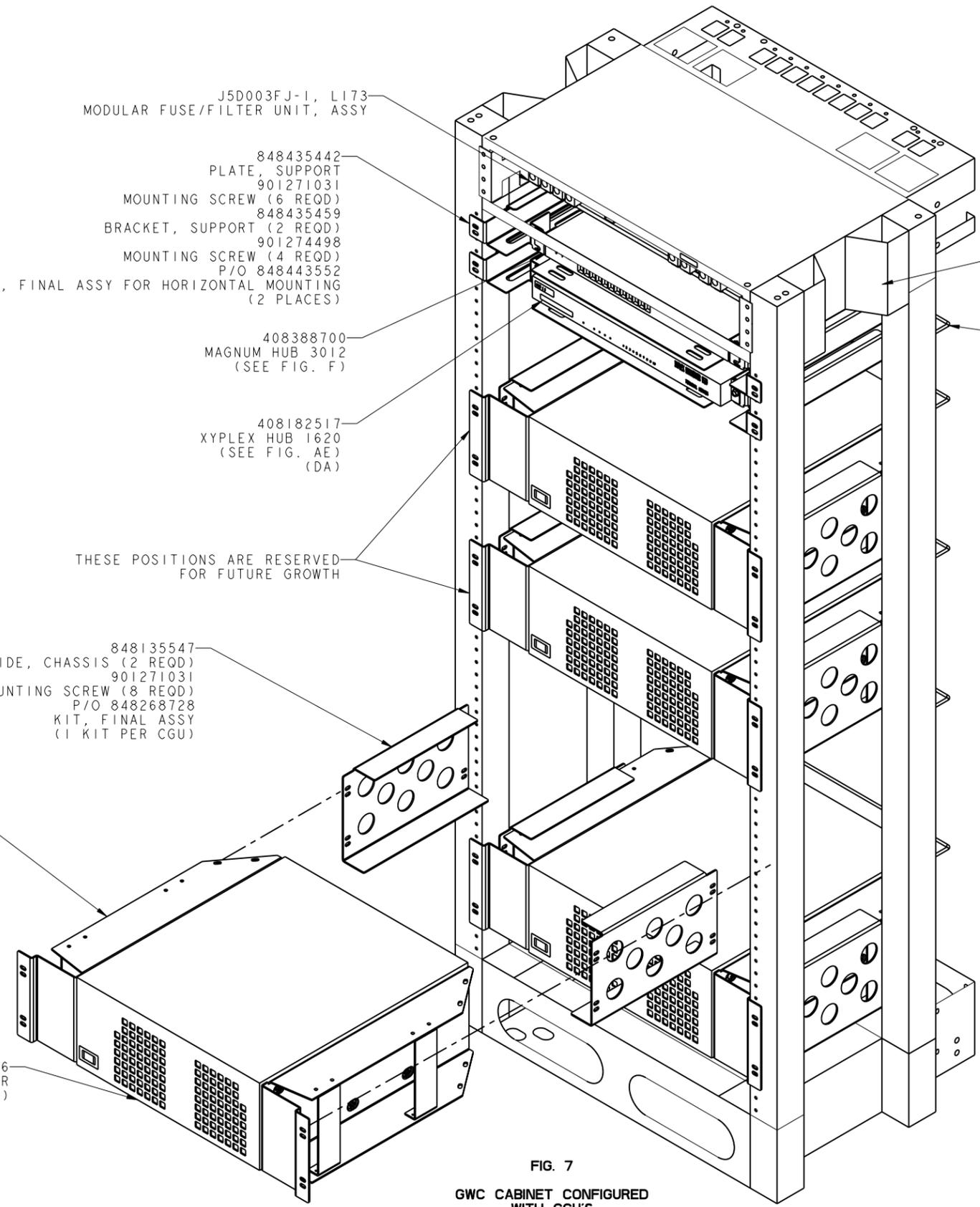


FIG. 7
GWC CABINET CONFIGURED
WITH CGU'S

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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SESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ
DWG SIZE C2

ISSUE 6

LUCENT
TECHNOLOGIES

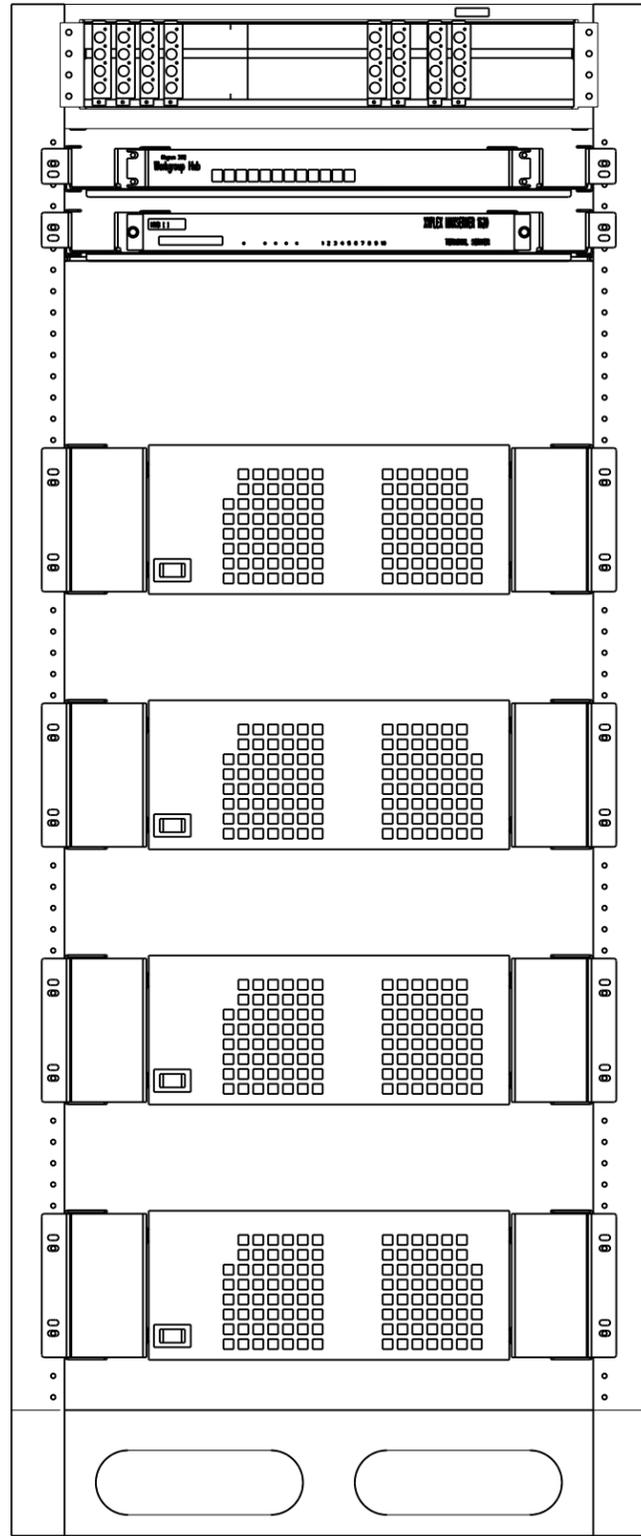
J5D061A-1

SHEET NO.
B35

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P7
MODEL/ASM NAME=J5D061A-1-P7

1.2
Create
COMMON_HARDWARE



FRONT VIEW

[064]

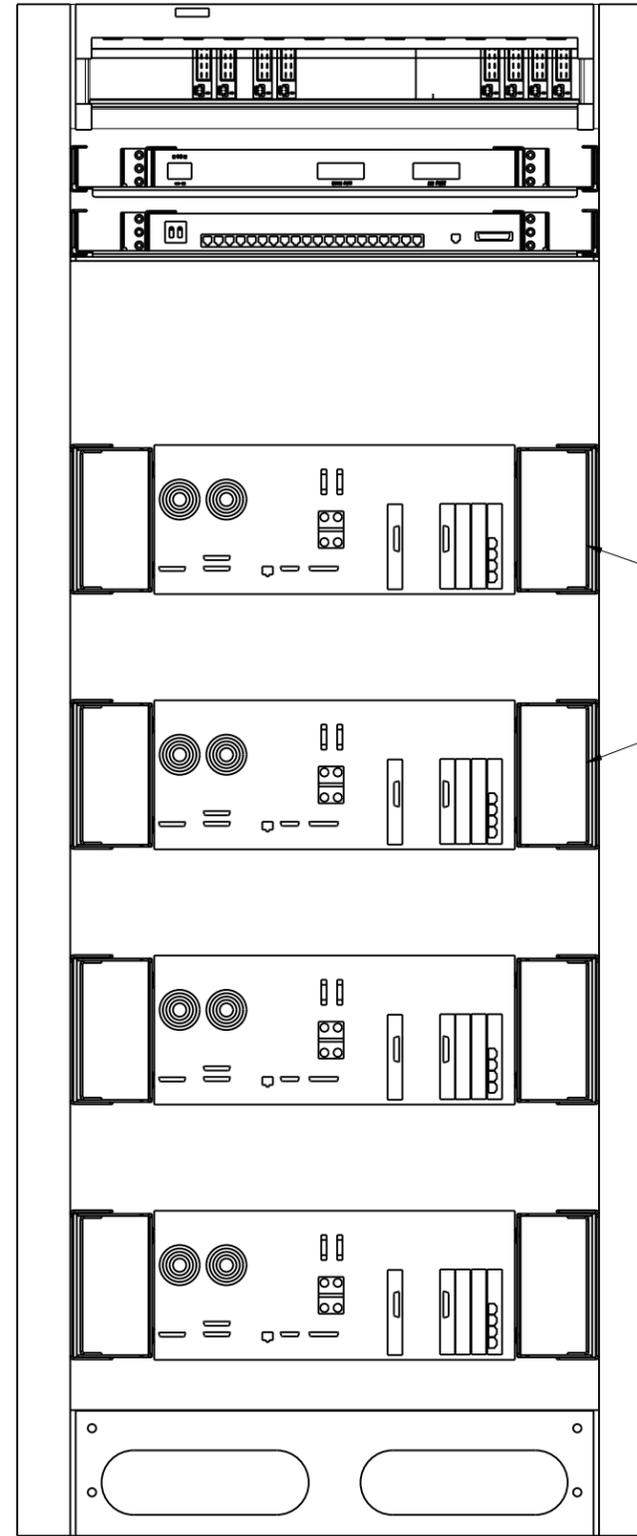
[061]

[048]

[036]

[024]

[012]



REAR VIEW

J5D003FJ-1 MFFU, L173

MAGNUM HUB 3012

XYPLEX HUB 1620 (DA)

ED7R006-30
CGU2, CG1

THESE POSITIONS ARE
RESERVED FOR FUTURE GROWTH

ED7R006-30
CGU1, CG1

ED7R006-30
CGU2, CG0

ED7R006-30
CGU1, CG0

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B36

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P7
MODEL/ASM NAME=J5D061A-1-P7

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

FIG. AK
UNIT EQLS FOR
GWC CABINET CONFIGURED
WITH CGU'S

1.2
Create
COMMON_HARDWARE

1605 [63.2]

1529 [60.2]

1125 [44.3]

820 [32.3]

515 [20.3]

210 [8.3]

0 [.0]

FRONT VIEW

848435459
BRACKET, SUPPORT (2 REQD)
901274498
MOUNTING SCREW (4 REQD)
P/O 848443552
KIT, FINAL ASSY FOR
HORIZONTAL MOUNTING
(2 PLACES)

THESE POSITIONS ARE
RESERVED FOR FUTURE GROWTH

848135547
SLIDE, CHASSIS (2 REQD)
901271031
MOUNTING SCREW (8 REQD)
P/O 848268728
FINAL ASSY KIT
(1 KIT PER CGU)

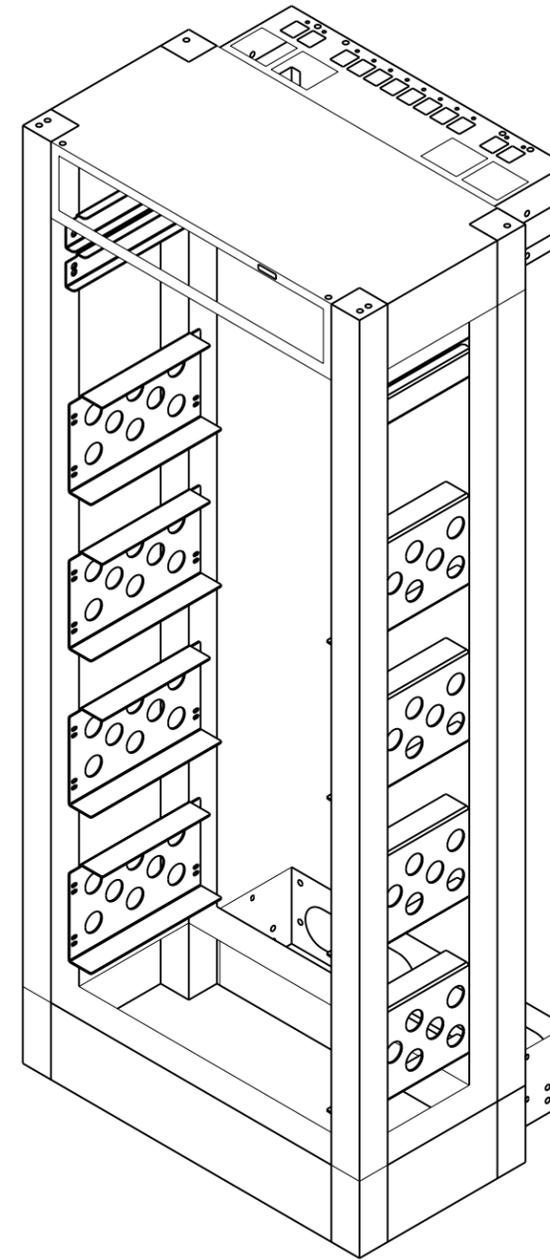


FIG. AM
MOUNTING GUIDE
LOCATIONS FOR
GWC CABINET
CONFIGURED WITH CGU'S

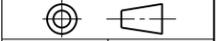
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 5

LUCENT TECHNOLOGIES

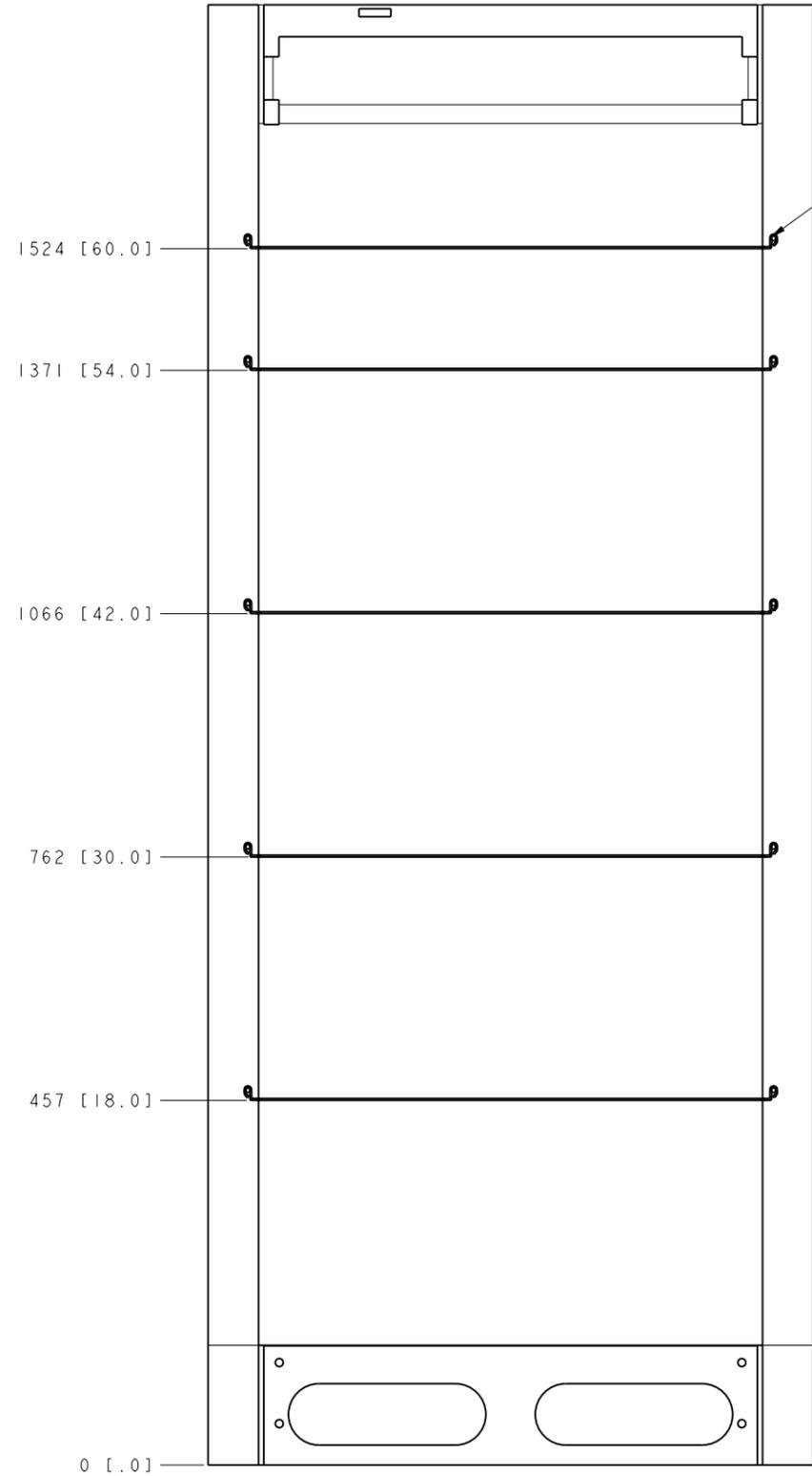
J5D061A-1

SHEET NO. B37

MODELED BY: REA JOHNSON DATE: 26-NOV-1999

DRAWING NAME=J5D061A-1-P7
MODEL/ASM NAME=J5D061A-1-P7

1.2
Create
COMMON_HARDWARE



REAR VIEW

847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(5 PLACES)

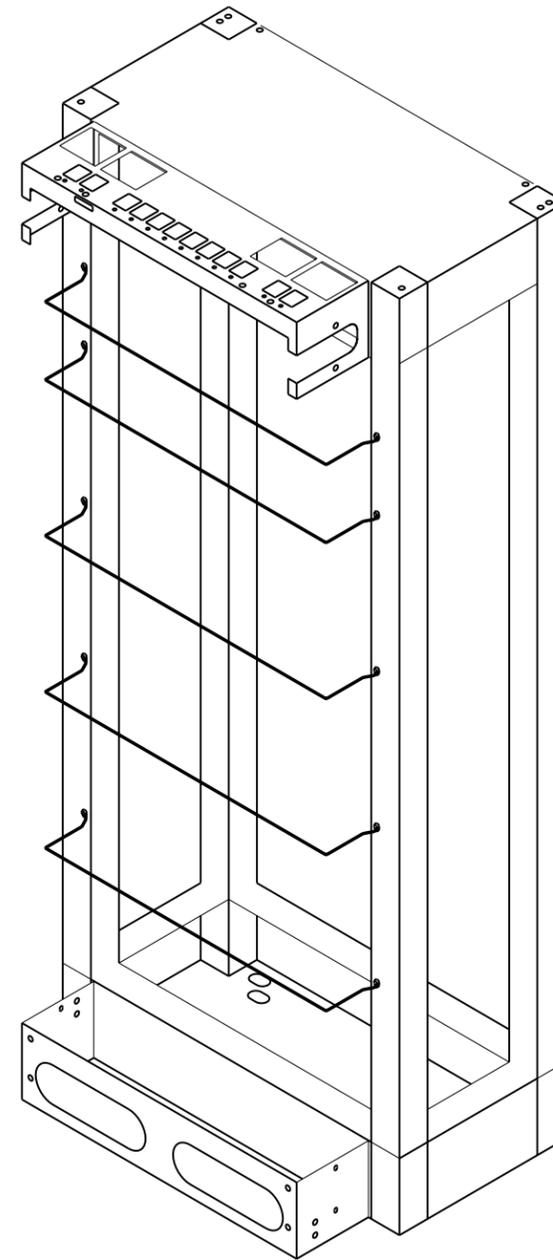


FIG. AN
CABLE ROD LOCATIONS
FOR GWC CABINET
CONFIGURED WITH CGU'S

PROJ - EGEDFORM.FRM - FEB 96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 5

LUCENT TECHNOLOGIES

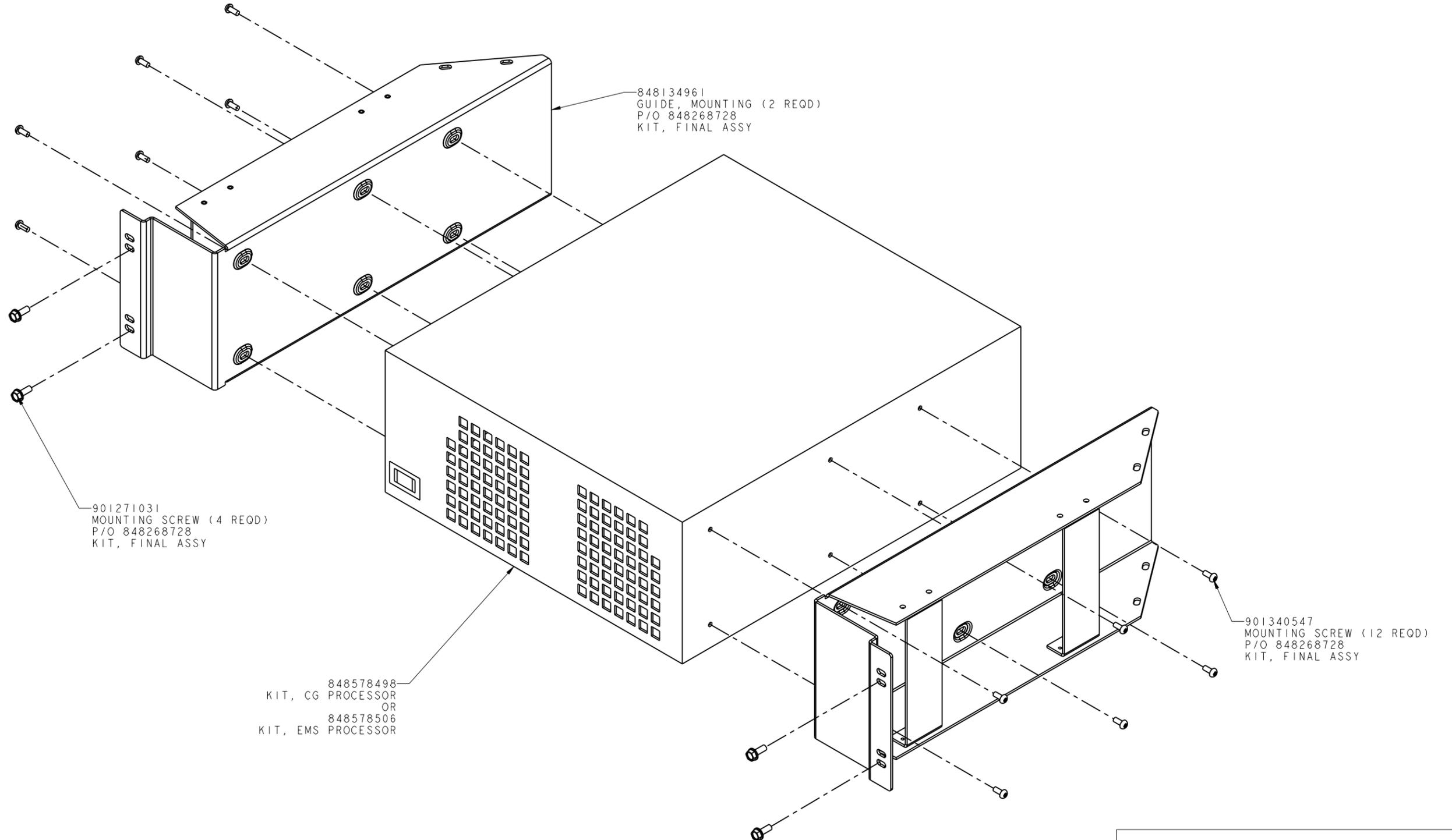
J5D061A-1

SHEET NO. B38

MODELED BY: REA JOHNSON DATE: 26-NOV-1999

DRAWING NAME=J5D061A-1-P7
MODEL/ASM NAME=J5D061A-1-P7

1.2
Create
COMMON_HARDWARE



848578498
KIT, CG PROCESSOR
OR
848578506
KIT, EMS PROCESSOR

FIG. AQ
CGU & EMS MOUNTING

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		THIRD ANGLE PROJ
DWG SIZE C2	ISSUE 6	SHEET NO. B39
LUCENT TECHNOLOGIES	J5D061A-1	

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P7
MODEL/ASM NAME=J5D061A-1-P7

1.13
Create
COMMON-HARDWARE

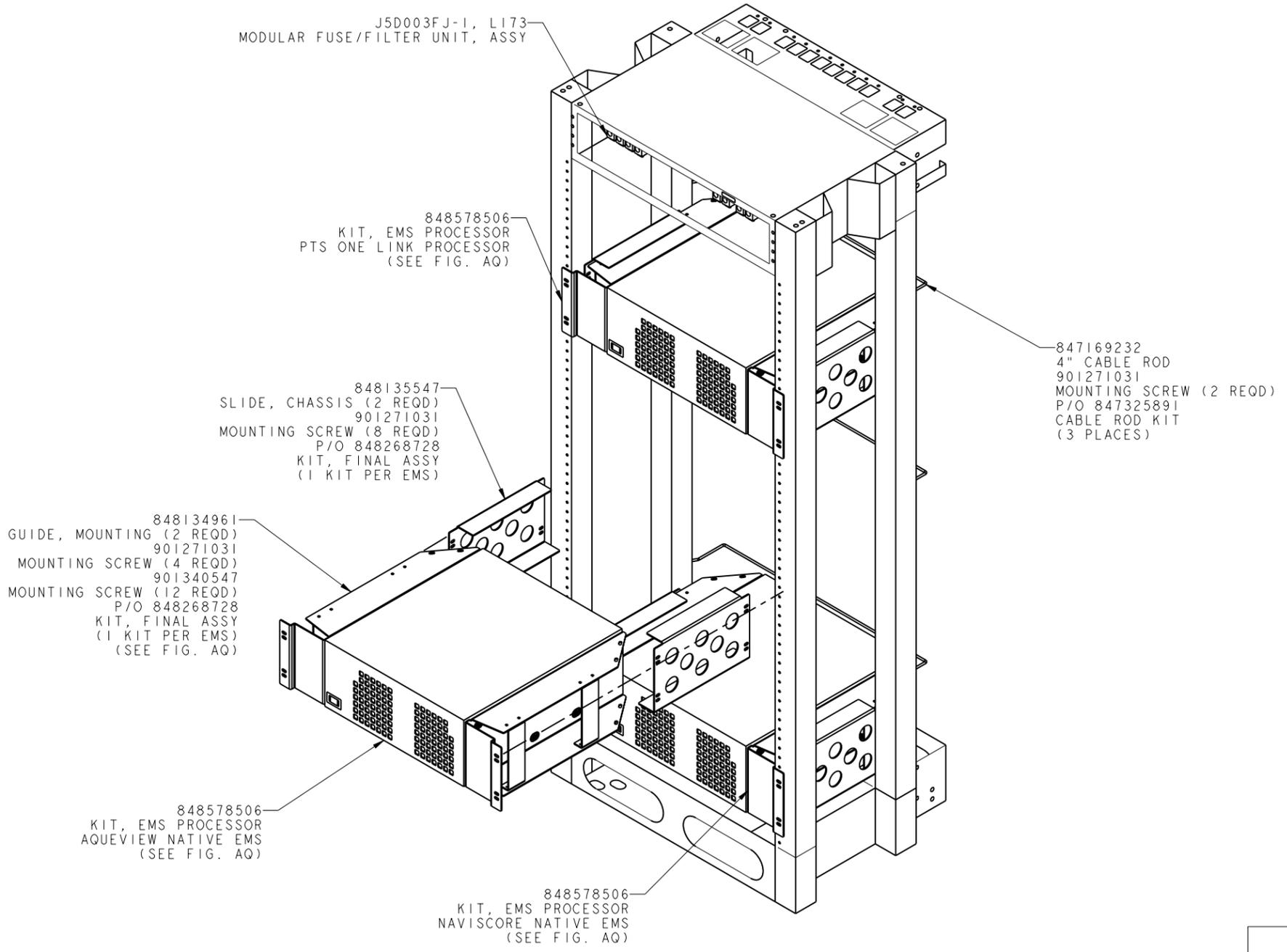


FIG. 8
OLM CABINET
CONFIGURED W/1 PTS ONELINK,
AQUEVIEW EMS, & NAVISCORE EMS

PROJ-EGEDFORM.FRM-FEB-96

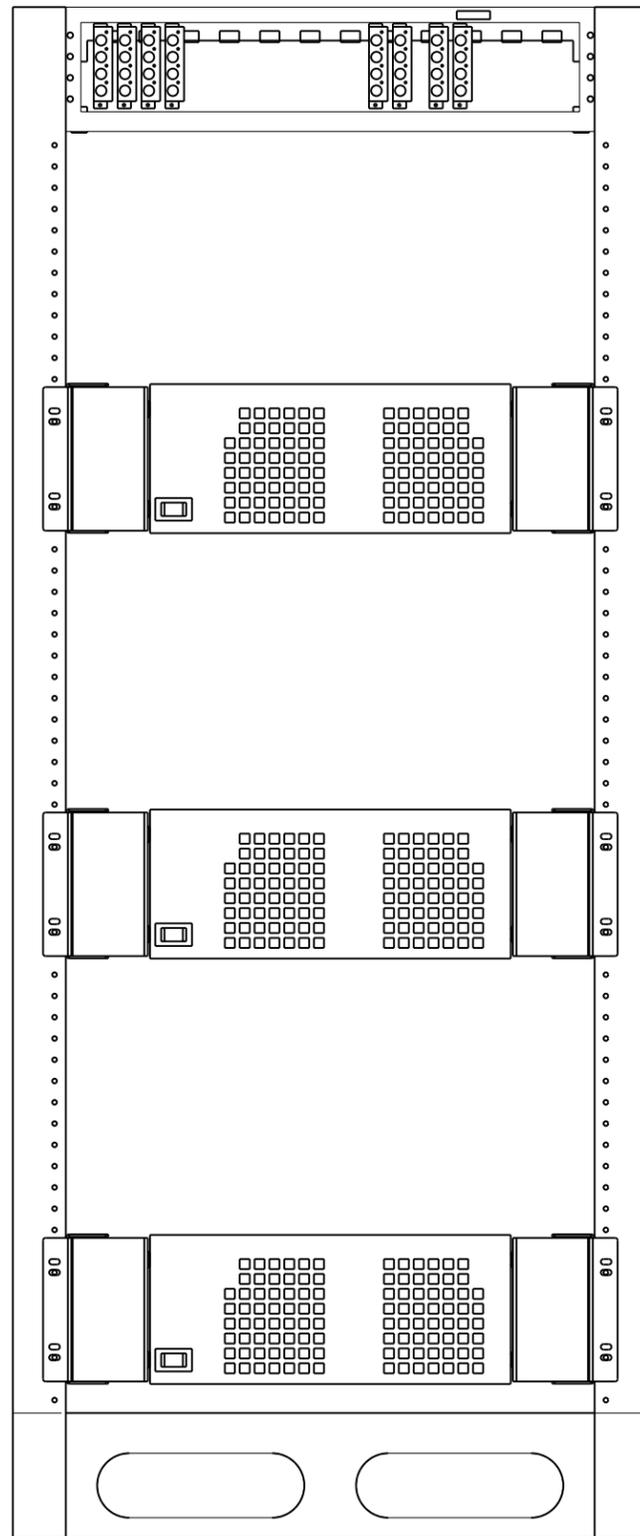
J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET	THIRD ANGLE PROJ 	
	DWG SIZE C2	ISSUE 6
LUCENT TECHNOLOGIES	J5D061A-1	SHEET NO. B40

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P8
MODEL/ASM NAME=J5D061A-1-P8

1.13
Create
COMMON_HARDWARE



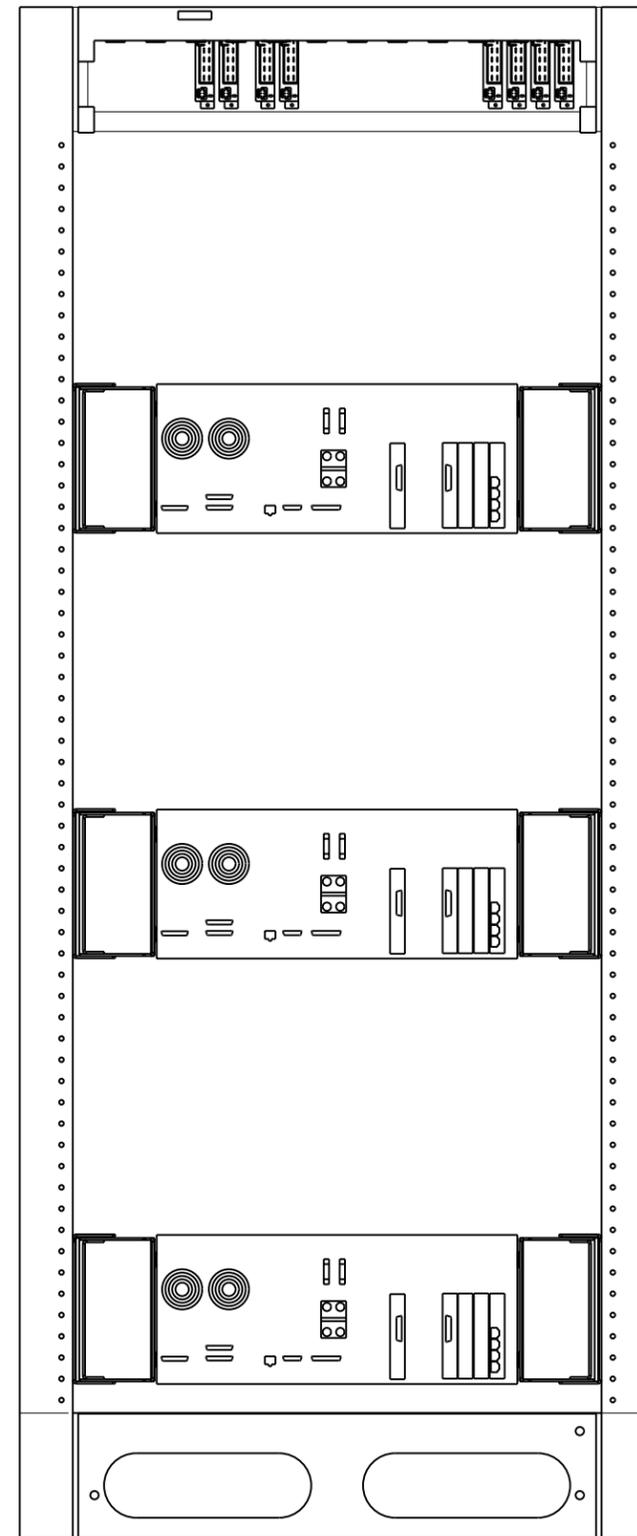
FRONT VIEW

[051]

[031]

[012]

FIG. AR
 UNIT EQLS FOR
 OLM CABINET
 CONFIGURED W/1 PTS ONELINK,
 AQUEVIEW EMS, & NAVISCORE EMS



REAR VIEW

ED7R006-30
NETRA-T 3
"PTS ONELINK"

ED7R006-30
NETRA-T 2
"AQUEVIEW NATIVE EMS"

ED7R006-30
NETRA-T 1
"NAVISCORE NATIVE EMS"

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE
C2

ISSUE
6

(P)

LUCENT
TECHNOLOGIES

J5D061A-1

SHEET NO.
B41

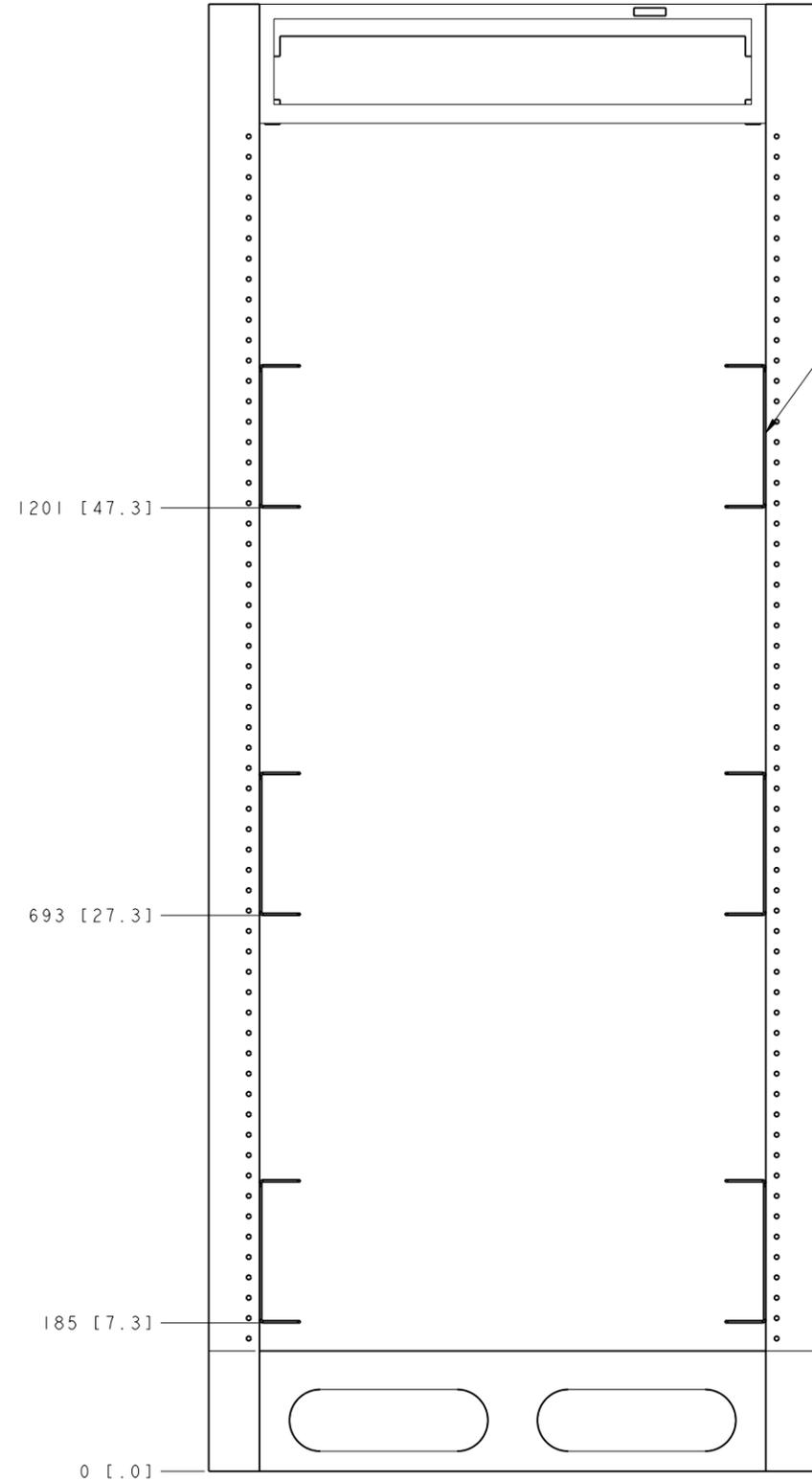
MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P8
MODEL/ASM NAME=J5D061A-1-P8

PROJ-EQEDFORM.FRM-FEB-96

J5D061A-1

1.5
Create
COMMON_HARDWARE



FRONT VIEW

848135547
SLIDE, CHASSIS (2 REQD)
901271031
MOUNTING SCREW (8 REQD)
P/O 848268728
KIT, FINAL ASSY
(1 KIT PER EMS)

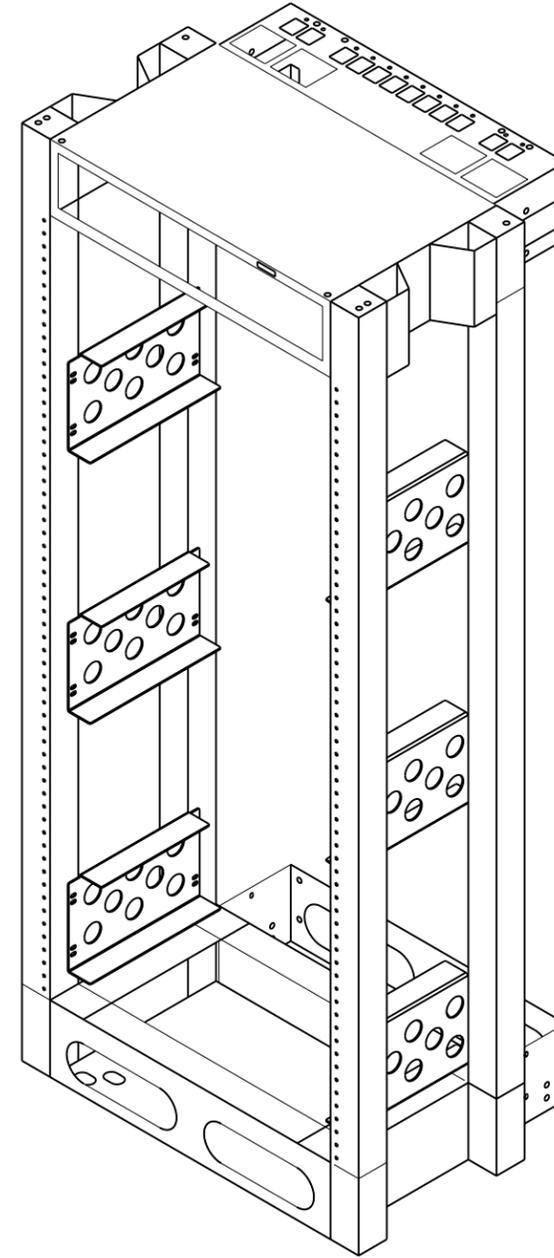


FIG. AT

MOUNTING GUIDE LOCATIONS
FOR OLM CABINET
CONFIGURED W/1 PTS ONELINK,
AQUEVIEW EMS, & NAVISCORE EMS

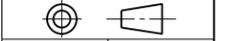
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE C2
ISSUE 6

LUCENT TECHNOLOGIES

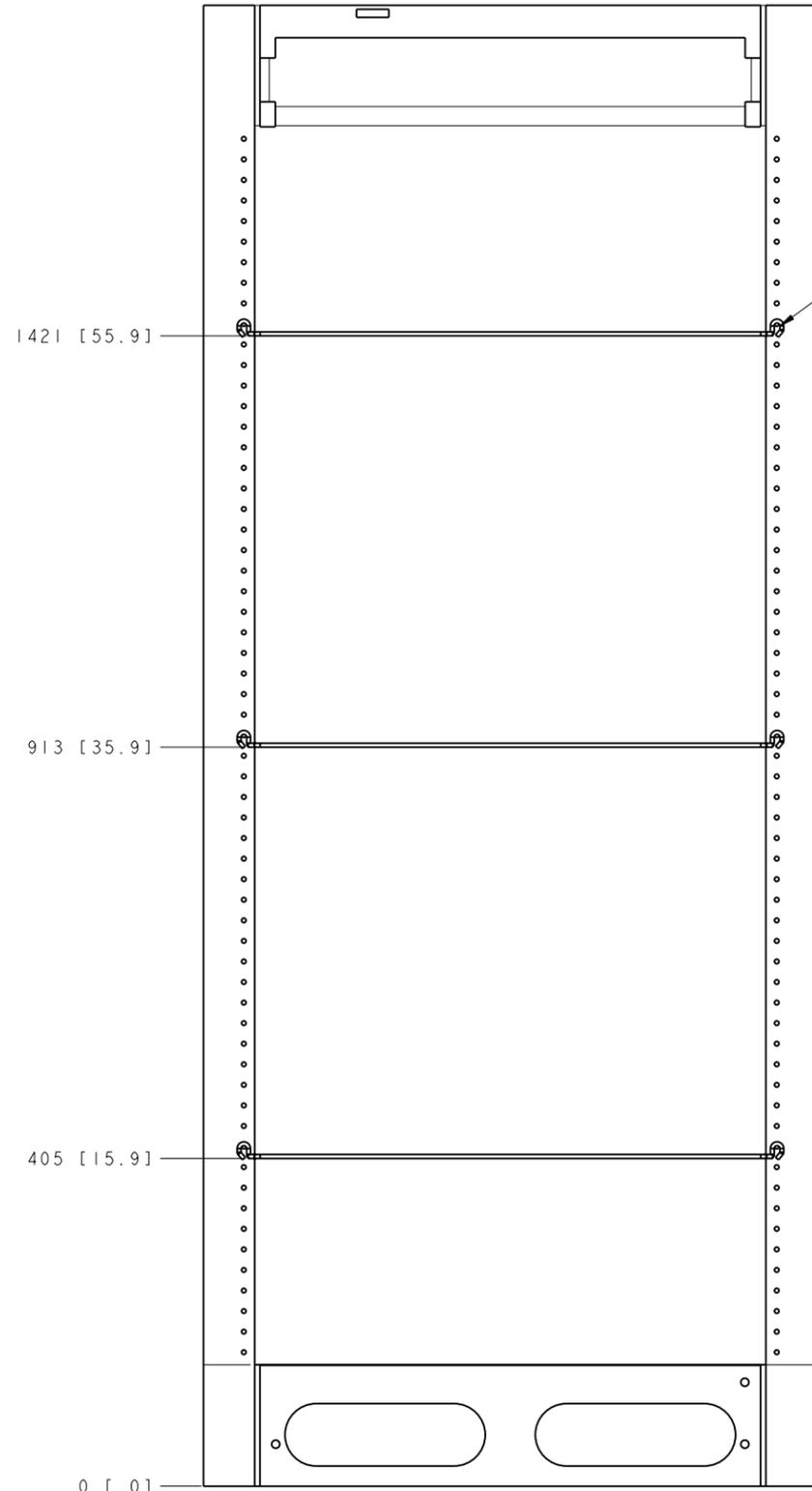
J5D061A-1

SHEET NO. B42

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P8
MODEL/ASM NAME=J5D061A-1-P8

1.13
Create
COMMON_HARDWARE



REAR VIEW

847169232
4" CABLE ROD
901271031
MOUNTING SCREW (2 REQD)
P/O 847325891
CABLE ROD KIT
(3 PLACES)

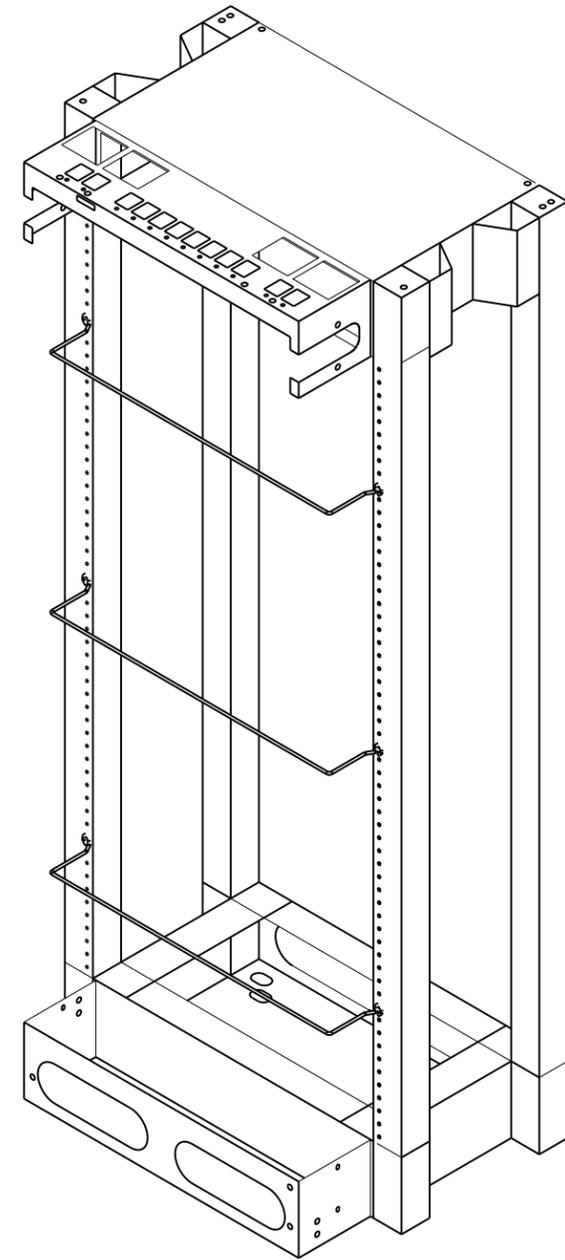


FIG. AU
CABLE ROD LOCATIONS
FOR OLM CABINET
CONFIGURED W/1 PTS ONELINK,
AQUEVIEW EMS, & NAVISCORE EMS

PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJN



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

J5D061A-1

SHEET NO. B43

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P8
MODEL/ASM NAME=J5D061A-1-P8

1.5
Create
COMMON-HARDWARE

SHEET NOTES

1. SCREWS (QTY. 6) AND MOUNTING BRACKETS (QTY. 2) ARE SUPPLIED WITH 408182517 (XYPLEX HUB 1620).
2. THE REAR OF THE UNIT FACES UP.

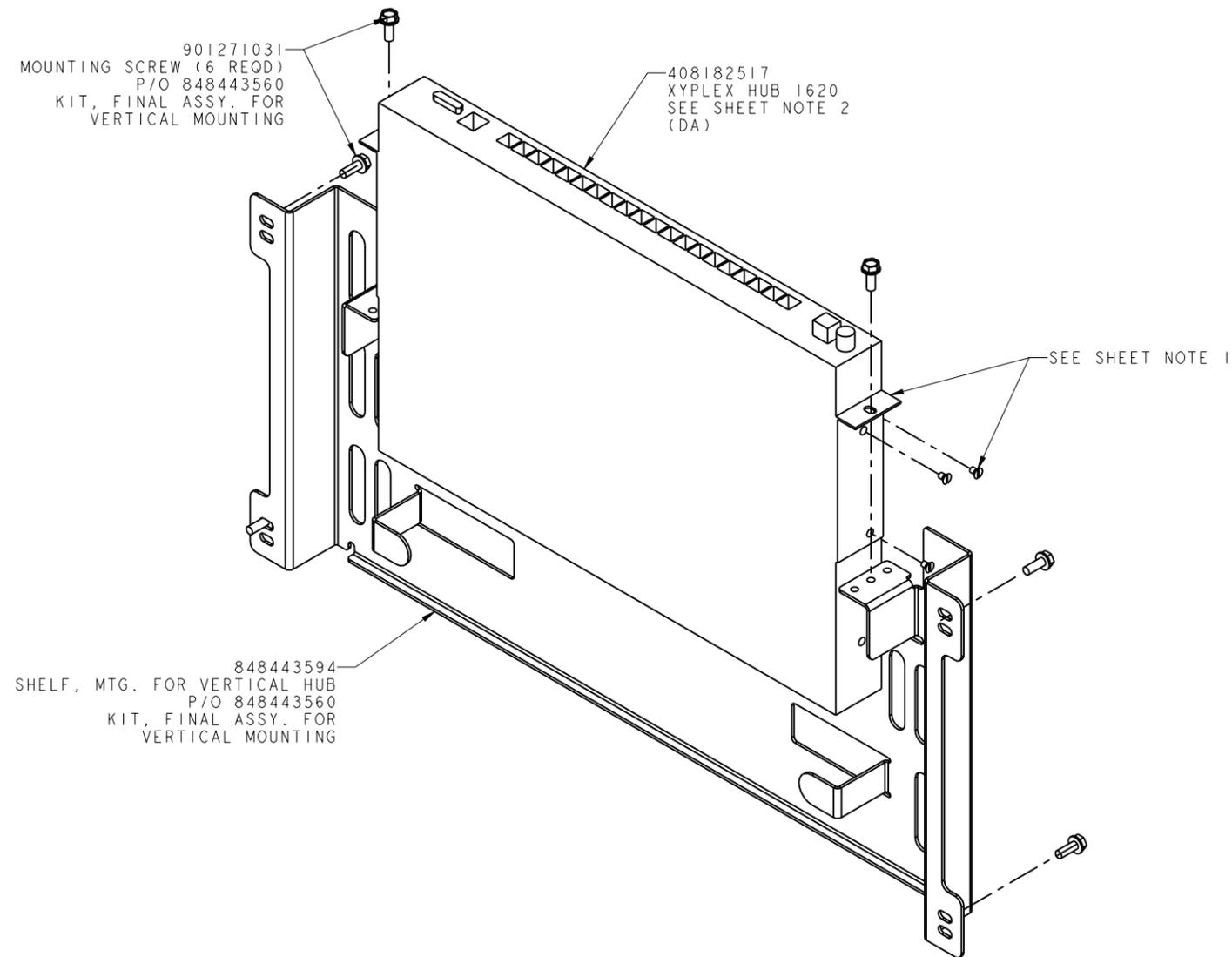


FIG. AW
HUB 1620 VERTICAL MOUNTING
(DA)

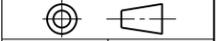
PROJ-EGEDFORM.FRM-FEB-96

J5D061A-1

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES

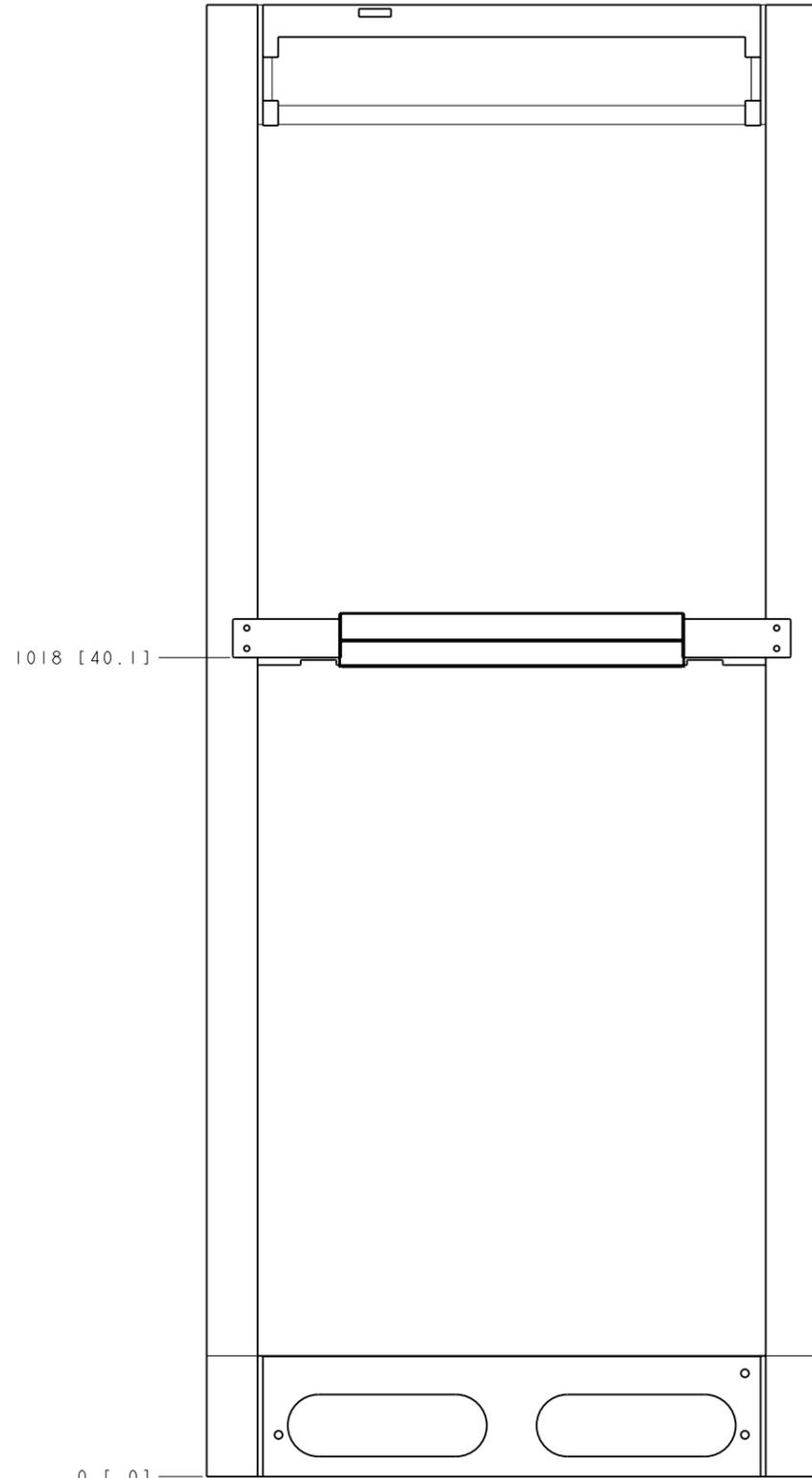
J5D061A-1

SHEET NO. B44

MODELED BY: REA JOHNSON DATE: 28-JUL-2000

DRAWING NAME=J5D061A-1-P8
MODEL/ASM NAME=J5D061A-1-P8

1.13
Create
COMMON_HARDWARE



REAR VIEW

J5D061A-1

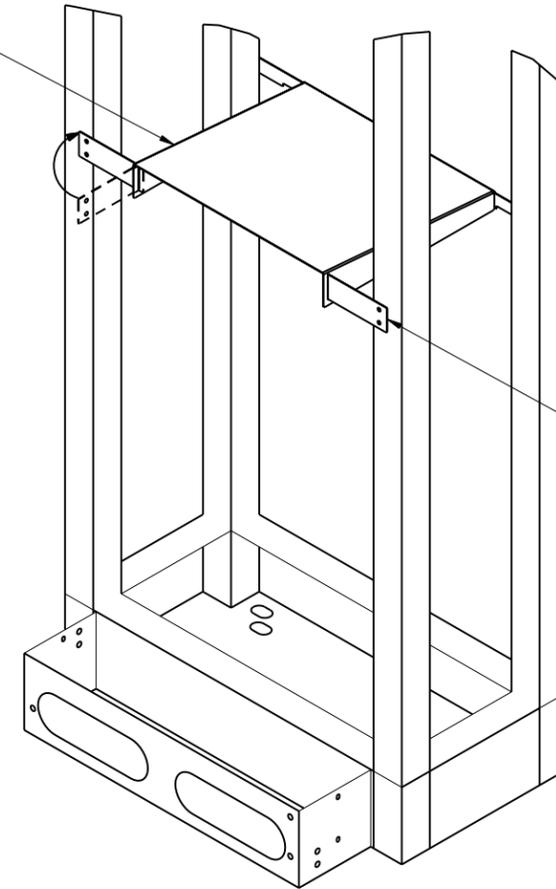
PROJ-EGEDFORM.FRM-FEB-96

FIG. AX
AIR BAFFLE MOUNTING

SHEET NOTES

- 1. MOUNT AIR BAFFLE TO ATM2 CABINET THEN ASSEMBLE MOUNTING BRACKETS AS SHOWN.

848487989
BAFFLE, HEAT DEFLECTOR
901271031
MOUNTING SCREW (2 REQD)
P/O 848496519
AIR DEFLECTOR KIT



REAR ISOMETRIC VIEW

848377164
BRACKET, MOUNTING (2 REQD)
901271031
MOUNTING SCREW (4 REQD)
P/O 848496519
AIR DEFLECTOR KIT
(SEE SHEET NOTE 1)

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5ESS (R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER
SOLUTIONS CABINET

THIRD ANGLE PROJ



DWG SIZE
C2

ISSUE
5

LUCENT
TECHNOLOGIES

J5D061A-1

SHEET NO.
B45

MODELED BY: REA JOHNSON DATE: 26-NOV-1999

DRAWING NAME=J5D061A-1-P8
MODEL/ASM NAME=J5D061A-1-P8

ISSUE NOTE FOR 5W11
WS9900001
V00001

ADDED MISC TBL AB TO ENG NOTE 54 & 58. ADDED CABLE ROD KITS 847513504 & 847513538 TO ENG NOTE 57. ADDED EXP2 CABINET INFO TO ENG NOTE 66 & MFG NOTE 23. ADDED 4" TO TBL A L2 DESCRIPTION. ADDED NOTE 500 TO TBL A L7. ADDED TBL A L9 & L10. ADDED MFG NOTE 24. ADDED SL ITEMS 1155, 1160, 1190, 1270, 1280 & 1290. CHANGED DWG TITLE, WAS MULTI-SERVICES MODULE CABINET. CHANGED ALL B & E SHTS TO ISSUE 5W11. REWROTE ENG NOTES 62, 64, 67 & 68. IN ENG NOTE 69, MISC CONFIG TBL WAS AB. IN ENG NOTE 499, REWROTE INDICATOR STRIP INFO, ADDED GRP 4 TO EMC FRAME ADDITION KIT INFO, & ADDED POWER LINE FILTER INFO. TBL A L5 & L8 WERE RESERVED. IN TBL A LF1, CHANGED L4 TO L4A & ADDED L7. IN TBL A LF2, CHANGED L4 TO L5 & ADDED L7. SL ITEM 1010 QTY WAS 2. UN-LINED OUT SL ITEM 1120. LINED OUT ENG NOTES 55 & 65. DA'D TBL A L4, REPLACED W/ L4A. DA'D TBL A LE & LF.

ON ALL APPLICABLE GRAPHIC SHTS, CHANGED ALL REFERENCES OF AC120 TO PSAX1250. ON SHT B1, HUB CALLOUT WAS 408156321 MAGNUM HUB 1016. ON SHT B2, HUB CALLOUT WAS 1016. ON SHT B6, ADDED PDS R3 & PDS R4 W/ ASSOC. CABINET LABELS. ON SHT B7, FIG. F WAS HUB 1016 & CALLOUT WAS 408156321 MAGNUM 1016 HUB. IN SHT NOTE 1, HUB WAS 1016 COMCODE 408156321. ADDED SHT NOTE 3. ON SHT B9, ADDED XYPLEX HUB 1620, MAGNUM HUB WAS 1016. ON SHT B10, ADDED SECOND HUB MTG BRKT. ON SHT B11, ADDED ONE 2.25" CABLE ROD AND CALLOUT. ON SHT B13, BOTTOM GUIDE MTG SCREW QTY WAS 3. ON SHT B14, ADDED 4 REQUIRED TO CBX500 REAR MTG BRKT, MTG SCREW QTY WAS 2, WASHER QTY WAS 2. CBX500 FINAL ASSY KIT MTG SCREW QTY WAS 2. ON SHT B15, MAGNUM HUB WAS 1016, COMCODE WAS 408156321. 4" CABLE ROD KIT WAS 2 PLACES. ADDED XYPLEX HUB & MTG MRKT CALLOUT. ON SHT B16, MAGNUM HUB WAS 1016. ADDED XYPLEX HUB 1620. ON SHT B18, ADDED 1 CABLE ROD KIT, EXISTING LOCATIONS WERE 939 [37.0] & 507 [20.0] RESPECTIVELY. ON SHT B19, MAGNUM HUB WAS 1016, COMCODE WAS 408156321. IN SHT NOTE 1, MAGNUM HUB WAS 1016, COMCODE 408156321. ADDED SHT NOTE 2. ON SHT B20, MAGNUM HUB WAS 1016, COMCODE WAS 408156321. HORIZONTAL MTG FINAL ASSY KIT WAS 2 PLACES. ON SHT B21, MAGNUM HUB WAS 1016. ADDED XYPLEX HUB 1620. ON SHT B22, ADDED 1 HUB MTG BRKT AT EQL 1453 [57.2]. ON SHT B23, ADDED 2.25" CABLE ROD. EXISTING CABLE RODS WERE AT EQLS 952 [37.5] & 545 [21.5] RESPECTIVELY. ADDED GRAPHIC SHTS B25 THRU B46. ADDED SHT E5. ON SHT E1, DA'D 1016/1024 HUB IN ALL CABINETS. ADDED INTL ONLY TO ATM & EXP CABINETS. ADDED 3012 & 3024 HUBS. ADDED SHT NOTE 6. REMOVED PWR CA - ED5D870-15. ON SHT E2, ADDED INTL ONLY TO ATM, EXP, ATM2, EXP2, & GWC CABINETS. CHANGED TABLE NAME FROM AA TO AB. REMOVED RACU & RAC CABINET. SHT NOTE WAS 6 ON MAXTNT, PSAX1250, PSAX2300, CBX500, PDS EMS, & CG PROCESSORS, & DISK ARRAY STORAGE UNIT. ADDED INTL ONLY ON PSAX1250, PSAX2300 & CBX500. ADDED PDS TO EMS PROCESSOR. ADDED PTS EMS PROCESSOR. CHANGED JET STOR TO DISK ARRAY. REMOVED L500, LF3, LK5 FROM FAN. REMOVED L102, L109, L106 & L107 FROM MFFU. REMOVED 1016/1024 HUB. ADDED 3012 & 3024 HUBS. RS232 HUB WAS MAXSERVER 20. REMOVED FUSE & FAN ALM MULTS. MOVED SHT NOTE 6 TO 2, REMOVED SHT NOTES 3 - 6. ON SHT E3, REMOVED FUSE GRPS 285A, B & C, 286A, B & C, 291A, B & C, 292A, B & C, & 275A, B & C. CHANGED TABLE NAME FROM AA TO AB. ON SHT E4, CHANGED TABLE NAME FROM AB TO BA (RELEASES 1 & 3). REMOVED ATM2, EXP2, GWC & OLM CABINETS.

ISSUE NOTE FOR 5W13
WS9900001
V00001

ADDED NOTE 18 TO ST ITEM 1080. ADDED NOTE 24 TO ST ITEM 1270. CHANGED TBL A L8 DESCR, WAS 2.25" CABLE ROD KIT. CHANGED TBL A L9 DESCR, WAS 3.5" CABLE ROD KIT. CHANGED ST ITEM 1270, WAS 847513504. ST ITEM 1010 QTY WAS 1. LINED OUT ST ITEMS 1280 & 1290. REMOVED CC'S 847513504 & 847513538 FROM EN 57.

ON SHT B8, CHANGED 4" CABLE ROD CALLOUT FROM 2 TO 3 PLACES. ON SHT B11, REMOVED 2.25" CABLE ROD CALLOUT, CHANGED 4" FROM 2 TO 3 PLACES. ON SHT B13, ADDED 408313120 & 408310662 TO CBX500 CALLOUT, LINED OUT 408120525. ON SHT B20, CHANGED 4" CABLE ROD CALLOUT FROM 2 TO 3 PLACES. ON SHT B23, REMOVED 2.25" CABLE ROD CALLOUT, CHANGED 4" CALLOUT FROM 2 TO 3 PLACES. ON SHT B25, ADDED 848377164 MTG BRKT TO AIR DEFLECTOR KIT CALLOUT. 901271031 MTG SCREW QTY WAS 2. ON SHTS B27 & B33, PSAX2300 FINAL ASSY KIT MTG SCREW WAS 901271031. ON SHT B28, REMOVED 2.25" & 3.5" CABLE ROD KIT CALLOUTS. CHANGED 4" CALLOUT TO 3 PLACES. ON SHT B31, CHANGED CABLE ROD KIT FROM 3.5" TO 4" AND CHANGED 3 PLACES TO 4 PLACES. ON SHT B34, REMOVED 2.25" & 3.5" CABLE ROD KIT CALLOUTS, CHANGED TO 4". ON SHT B35, CHANGED 4" CABLE ROD KIT CALLOUT FROM 4 TO 5 PLACES. ON SHT B38, REMOVED 2.25" CABLE ROD CALLOUT. CHANGED 4" CALLOUT FROM 4 TO 5 PLACES. ON SHT B40, ADDED 848483491 MTG BRKT & SCREW CALLOUT. 848511861 MTG BRKT 901271031 SCREW QTY WAS 16. ON SHT B41, BRKT WAS WAS REDESIGNED SO VIEW CHANGED ACCORDINGLY. ON SHT B42, ADDED 848483491 MTG BRKT & CALLOUT. ON SHT B44, ADDED 848511861 MTG BRKT CALLOUT. 901271031 SCREW QTY WAS 16. ON SHTS E1 & E2, ADDED 4" CABLE ROD KIT TO CONFIG TABLES AA & AB. ON SHTS E2 & E3, FLIP-FLOPPED COLUMNS FOR GWC & OLM CABINETS.

ISSUE NOTE FOR 5
WS9900001
V00001

ADDED: TA L4A, L10.
EN 69 THRU 71.
MFG NOTES 24 & 25.
SL 1155, 1160, 1190, 1195, 1270.
GRAPHICS SHT. B25 THRU B45, SHT C1, & SHT. E2 THRU E5.

DA: TA L4, LB, LE, LF

CHGD: TA L1 DESCR. READ "ASSY. & EQUIP. REQD. FOR ONE 5ESS-2000 CABINET - USED FOR BOTH EMC & NON-EMC TREATMENT APPLS."
TA L2 DESCR. READ "TO PROVIDE ONE 4" CABLE ROD KIT."
TA L5, L7, L8 WERE RESERVED. NOW CONTAIN TA INFO.
TA L9 ADDED & RESERVED.
TA LD DESCR. READ "5ESS-2000 GLOBAL CABINET IN EMC TREATMENT APPLICATIONS."
TA LF1 DESCR. READ "IN ADDITION TO EACH LIST 4 OR 6."
TA LF2 DESCR. READ "IN ADDITION TO EACH LIST 4."
EN 53 READ "THIS CAB. CAN BE USED FOR ALL 5ESS MSM APPLS., SUCH AS REMOTE ACCESS CONCENTRATOR."
EN 54 READ "CAN BE FOUND IN MISC TBL AA AND ASSOC. NOTES."
EN 55, 60, 65 LINED OUT.
EN 56 REMOVED REFERENCE TO MSM.
EN 58 READ "SEE NOTE 54 FOR LIST."
EN 62 & 63 SWITCHED. REWROTE EN 62.
EN 64 READ "THIS POWER LINE FILTER ASSY. IS USED ONLY IN CONJUNCTION W/A MESH GROUND SYS. FOR THE 5ESS-2000."
EN 66 EXPANDED TO INCLUDE EXP2 CABINET INFO.
EN 67 EXPANDED TO INCLUDE EXP2, ATM2, GWC CABINET INFO. AND THE ADDITION OF THE RS232 HUB.
EN 68 READ "A CLUSTER PATCH NEEDS TO BE INSTALLED ON SOLARIS 2.6."
EN 499 WAS REWORDED & EXPANDED TO SPECIFY THE CORRECT MOUNTING OF THE BLANK INDICATOR STRIP, AS WELL AS POWER LINE FILTER & ALARM CABLES.
MFG NOTE 23 EXPANDED TO INCLUDE EXP2 CABINET INFO.
SL 1010 QTY WAS 2.
SL 1080 ADDED MFG NOTE 18.

ISSUE NOTE 5
WS9900001
V00001

CONTINUED:

DRAWING TITLE ON ALL SHEETS WAS "5ESS SWITCHING EQUIP. SPEC. FOR THE MULTI-SERVICES MODULE CAB."
ON ALL APPLICABLE GRAPHICS SHT., CHANGED ALL REF. OF AC120 TO PSAX1250. ON SHT B1, HUB CALLOUT WAS 408156321 MAGNUM HUB 1016. ON SHT B2, HUB CALLOUT WAS 1016. ON SHT B6, ADDED PDS REL 1.3 & 1.4 W/ASSOC. CAB. LABELS. ON SHT B7, FIG. F WAS HUB 1016 & CALLOUT WAS 408156321 MAGNUM HUB 1016. IN SHT NOTE 1, HUB WAS 1016 CC 408156321. ADDED SHT NOTE 3. ON SHT B8 CALLOUT WAS 408156321 MAGNUM 1016 HUB. ADDED XYPLEX HUB 1620. CHGD 4" CABLE ROD CALLOUT FROM 2 TO 3 PLACES. ADDED 2 PLACES TO CALLOUT FOR FINAL ASSY KIT FOR HORIZONTAL MTG. ON SHT B9, ADDED XYPLEX HUB 1620. MAGNUM HUB WAS 1016. ON SHT B10, ADDED SECOND HUB MTG BRACKET. ON SHT B11, CHGD 4" CABLE ROD CALLOUT FROM 2 TO 3 PLACES. ON SHT B13, BOTTOM GUIDE MTG SCREW QTY WAS 3 AND ADDED 2 REQD TO CALLOUT. ADDED 408360964 TO CBX500 CALLOUT FROM 2 TO 3 PLACES. ON SHT B14, ADDED 4 REQD TO CBX500 REAR MTG RKT, MTG SCREW QTY WAS 2, WASHER QTY WAS 2. CBX500 ASSY KIT MTG SCREW QTY WAS 2. ON SHT B15, MAGNUM HUB WAS 1016, COMCODE WAS 408156321. 4" CALBE ROD KIT WAS 2 PLACES. ADDED XYPLEX HUB & MTG BRKT CALLOUT. ON SHT B16, MAGNUM HUB WAS 1016. ADDED XYPLEX HUB 1620. ON SHT B18, ADDED 1 MORE CABLE ROD KIT, EXISTING LOCATIONS WERE 939 [37.0] & 507 [20.0] RESPECTIVELY. ON SHT B19, MAGNUM HUB WAS 1016, COMCODE WAS 408156321. IN SHT NOTE 1, MAGNUM HUB WAS 1016, COMCODE 408156321. ADDED SHT NOTE 2. ON SHT B20, MAGNUM HUB WAS 1016, COMCODE WAS 408156321. HORIZ. MTG FINAL ASSY KIT WAS 2 PLACES. ADDED XYPLEX HUB CALLOUT. ON SHT B21, MAGNUM HUB WAS 1016. ADDED XYPLEX HUB 1620. ON SHT B22, ADDED 1 HUB MTG BRKT AT EQL 1453 [57.2]. HORIZ MTG WAS 2 PLACES. ON SHT B23, EXISTING CABLE RODS WERE AT EQLS 952 [37.5] & 545 [21.5] RESPECTIVELY. CHGD 4" CALLOUT FROM 2 TO 3 PLACES. ON SHT E1, DA'S 1016/1024 HUB IN ALL CABINETS. ADDED INTL ONLY TO ATM & EXP CABINETS. ADDED 3012 & 3024 HUBS. ADDED SHT NOTE 6. RMVD POWER CA - ED5D870-15. MISC TABLE AA ON SHT E1 ADDED "

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5ESS® SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET	DWG SIZE	ISSUE
	C2	5
LUCENT TECHNOLOGIES, INC.	J5D061A-1	SHEET C1

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MANUFACTURING NOTES

***** CONTINUED *****

- X THE FAN THEMISTOR CABLE IS ROUTED THROUGH THE BUSHINGS.
- X 21. \$MSM CABINET MAY BE CONFIGURED AND ASSEMBLED AS A: REMOTE ACCESS CONCENTRATOR (RAC) - SEE SHEET B1.\$
- X 22. \$MSM CABINET (MSM-RAC) REQUIRED (6) FEEDERS [3 "A" BUS & 3 "B" BUS] OF A (10) FEEDER MFFU. CONNECT TO FEEDERS: 017, 063, 078, 108, 154 & 169 OF MFFU.\$
- X X 23. THE RAC2 CABINET CAN ACCOMMODATE UP TO 3 MAXTNT UNITS. THE FIRST MAXTNT EQUIPPED IN THE CABINET SHOULD BE AT EQL 014, THE SECOND UNIT AT EQL 030, AND THE THIRD UNIT AT EQL 046. THE EXP2 CABINET CAN ACCOMMODATE UP TO 3 PSAX2300 UNITS. THE FIRST PSAX2300 EQUIPPED IN THE CABINET SHOULD BE LOCATED AT EQL 016, THE SECOND UNIT AT EQL 034, & THE THIRD UNIT AT EQL 052.
- X 24. AIR DEFLECTOR KIT TO BE MOUNTED AT EQL 041.
- X X 25. PORT 1 OF THE EM HUB MUST ALWAYS BE CONNECTED TO THE EMS WORKSTATION. WHEN THERE ARE MULTIPLE CABINETS AND ONE EMS WS, ONE CABINET MUST HAVE ITS EM HUB PORT 1 CONNECTED TO THE EMS. THE OTHER CABINETS EM HUB PORT 1 ARE CONNECTED TO THE EM HUB OF THE CABINET CONNECTED TO THE EMS. THE SWITCH FOR PORT 1 ON ALL HUBS SHOULD BE IN THE STRAIGHT THRU POSITION (TO THE LEFT).

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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.
- "**" 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 12. THE STAMP FOR VERTICAL EQL 69 ON THE FRONT (APPARATUS SIDE) OF THE CABINET SHALL BE MOVED TO THE LEFT OF THE ESD LABEL. STAMP EQL 69 ON THE DOOR FRAME. STAMPING ON REAR (WIRING SIDE) WILL NOT CHANGE.
- X X 13. CABINET SHALL BE SHIPPED WITH THOSE CIRCUIT PACKS AND POWER UNITS USED DURING SYSTEM TESTING AT THE MANUFACTURING LOCATION.
- X X 14. THIS DRAWING CONTAINS BOTH U.S. CUSTOMARY (INCH,ETC) AND SI (METRIC) DIMENSIONS.
- X 15. FUSE LABELS SHALL BE AFFIXED TO THE 847212867 PANEL FASTENED TO FUSE/FILTER UNIT CHASSIS LOCATED AT THE TOP FRONT OF THE CABINET. LABELS SHALL BE PLACED SO THEY ARE READABLE WHEN THE PANEL IS PIVOTED DOWN TO EXPOSE THE FRONT OF THE FUSE/FILTER UNIT.
- X X 16. WHEN JUNCTIONING SIX FOOT CABINETS TOGETHER, THE LEVEL OF EACH CABINET WITH REGARD TO THE ADJACENT 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, THE QUANTITY OF SPACERS REQUIRED BETWEEN CABINETS WILL VARY ACCORDING TO THE DIMENSIONS OF THE CABINETS THEMSELVES. EACH BLOCK OF CABINETS SHALL BE MEASURED, AND THE APPROPRIATE QUANTITIES OF 843082470 SPACERS SHALL BE ADDED BETWEEN THE CABINETS TO ACHIEVE THE FOLLOWING DIMENSIONS:
TWO CABINETS 59-7/8", + 1/16", -0"
THREE CABINETS 89-7/8", + 1/16", -0"
FOUR CABINETS 119-7/8", + 1/16", -0"
- X 17. THE CABINET DESIGNATION LABELS ARE TO BE JOB ENGINEERED. THE LINE ENGINEER SHALL ORDER THESE LABELS PER EDS5695-16. THESE LABELS ARE MOUNTED INTO THE INDENTATION FORMED IN THE INDICATOR STRIP IN THE FIELD. FACTORY TO PLACE ONE LABEL ON THE TOP REAR OF THE FRAME. THREE LABELS ARE TO BE PLACED IN A BAG AND ATTACHED TO THE TOP FRONT OF THE FRAME.
- X 18. PLENUM KIT TO BE MOUNTED AT EQL 11.
- X X 19. 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 20. INSTALL 997244439 (SUPPLIED W/ FAN FASKIT) SNAP BUSHINGS ON THE FRONT AND REAR OF THE LEFT REAR VERTICAL UPRIGHT. USE THE UPPER PAIR OF HOLES AT THE BOTTOM OF THE UPRIGHT.
----- CONTINUED TO THE LEFT -----

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5ESS(R) SWITCHING EQUIPMENT
SPECIFICATION FOR
7R/E PACKET DRIVER SOLUTIONS
CABINET

DWG SIZE C2 ISSUE 6

LUCENT TECHNOLOGIES INC J5D061A-1

SHEET D1 OF 56

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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	ED5D785-70,G1A		ASSEMBLY, GLOBAL SINGLE BAY FR & CAB			
1001	1	4	901249177		LABEL,DESIGNATION			
1010	2	1	847325891		KIT,4IN CABLE SUPPORT			
1020	3	1	843079625		PLENUM			
1030	3	2	843079948		BRACKET,MOUNTING			
1040	3	12	900820077		SCREW,SLOT HEXAGON WASHER HEAD .164-32 X 5/16			
1050	3	2	843078015		GUIDE			
1060	3	12	901271031		SCREW,HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2			
1070	1	1	846917284		LABEL,CAUTION			
1080	3A	1	848364923		KIT,PLENUM ASSEMBLY			18
1100	1	1	847513470		KIT,SAFETY			
1120	B	1	847337557		KIT,JUNCTION NON-UNITIZED (NEMC)			*/
1140	D	1	847337573		KIT,JUNCTION NON-UNITIZED (EMC)			*/
1150	4	1	408156321		HUB,CONDUIT 16 PORT HUB			
1155	4A	1	408388700		SWITCH,ETHERNET #3012-NEBS/S GARRETT COMMUNICATIONS			
1160	5	1	408313971		SWITCH,ETHERNET #3024-NEBS/S GARRETT COMMUNICATIONS			
1180	6	1	408167989		HUB,CONDUIT, ETHERNET #800E GARRETT COMMUNICATIONS			
1190	7	1	408182517		HUB USED ON 7R/E PACKET DRIVER (MSM) R.4S #MX-1620-014DC XYPLEX			
1195	8	1	848532156		LABEL,IDENTIFICATION			25
1200	E	1	107188971	1187C	FILTER,POWER LINE EMI FILTER 48V, 20AMP, 20HZ 87.7MMLG, 30MMWD, 28.4MMHT			
1210	F	1	107424897	1187E	FILTER,EMI POWER LINE			
1220	F	1	901322214		SCREW M4 X 8 MM LG, STEEL PAN HD PHILLIPS ACR2, ZINC OLIVE DRAB CHROMATE, MACHINE SCR			
1250	F1	1	848443552		KIT FINAL ASSY FOR HORIZONTAL MOUNTING			
1260	F2	1	848443560		KIT FINAL ASSY FOR VERTICAL MOUNTING			
1270	10	1	848496519		KIT,AIR DEFLECTOR			24

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

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SPECIFICATION FOR
7R/E PACKET DRIVER SOLUTIONS
CABINET

DWG SIZE C2 ISSUE 6

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SHEET D2 OF 56

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**MISC. CONFIGURATION
TABLE AA (RELEASES 1 & 1.3)**

- SHEET NOTES:
 1. RACU0 IS EQUIPPED IN LOWEST UNIT POSITION, SEE FIG. 1.
 2. FOR POWER FEEDER INFORMATION SEE MISC TABLE BA.
 3. MULTIPLE CABINET CONFIGURATIONS MAY MULT THE FAN & FUSE ALARMS BETWEEN CABINETS TO SUPPORT MINIMUM NUMBER OF SCAN POINTS USED FOR ALARMS.
 4. FAN AND FUSE ALARMS USE SCAN POINTS, AVAILABLE AT EITHER AN MMSU OR AM IN CENTRAL OFFICE. CABLING GOES FROM PDS AND IS CROSS-CONNECTED AT DF THEN TO MMSU OR TO AM VIA OAU.
 5. 10BASE T HUB MAY BE A GARRETT MAGNUM 1024 COMCODE 201022266.
 6. FUSE LABEL GROUPS ARE LISTED FOR REFERENCE ONLY.

UNIT	ED/J-CODE	EQUIPAGE	SHEET NOTES	MSM RAC FIG. 1	MSM ATM FIG. 2 INTL. ONLY	MSM EXP FIG. 3 INTL. ONLY	MSM RAC2 FIG. 4
RACU	J5D061AA-1	AS REQD	1	1 OR 2			
MaxTNT	ED5D883-30	AS REQD					1-3
AC120 (PSAX1250)	ED5D879-30	AS REQD			0 OR 1	1-5	
CBX500	ED5D878-30	AS REQD			0 OR 1		
FAN	J5D003FH-2	L500,LF3,LK5	4	1			
		L503,LF8,LK4			1		
		L500,LF3,LK1				1	
MFFU	J5D003FJ-1	L102,LN,LAX, LCH,LDB,LCK, LCR		DA			
		L109,LN,LCH, LDB,LCK,LCR			DA		
		L106,LAL,LCH, LDB,LCK,LCR				DA	
		L107,LAL,LCH, LDB,LCK,LCR					DA
		L173,LCH, LDB,LCK,LCR	2,4			1	
L174,LCH, LDB,LCK,LCR	2,4	1	1		1		
10BASE T HUB 1016 / OR 1024	J5D061A-1	L4	5	DA	DA	DA	DA
10BASE T HUB 3012	J5D061A-1	L4A		1	1		1
10BASE T HUB 3024	J5D061A-1	L5				1*	
100BASE T HUB 800E	J5D061A-1	L6		1			1
INTER CA	ED5D870-11	AS REQD		AS REQD	AS REQD	AS REQD	AS REQD
INTRA CA	ED5D870-10	AS REQD		AS REQD	AS REQD	AS REQD	AS REQD
FUSE ALM MULT	ED5D688-15	AS REQD	3	AS REQD	AS REQD	AS REQD	AS REQD
FAN ALM MULT	ED5D867-16	AS REQD	3	AS REQD	AS REQD	AS REQD	AS REQD
ALARM INDICATOR STRIP CABLING	ED5D734-14	AS REQD		AS REQD	AS REQD	AS REQD	AS REQD
CABINET DESIG. LABEL	ED5D695-16	AS REQD		1	1	1	1
MFFU LABELS	ED5D088-12	G285A,G285B, G285C	6		1		
		G286A,G286B, G286C	6			1	
		G291A,G291B, G291C	6	1			
		G292A,G292B, G292C	6				1
		G275A,G275B, G275C	6	DA			
CABLE ROD KIT 4"	J5D061A-1	L2		2	2	2	2
CABINET LABEL KIT	J5D061A-1	L8		-	1	1	1

* DENOTES VERTICAL MOUNTING REQUIRED. ALL OTHERS ARE HORIZONTAL.

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5ESS® SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		DWG SIZE C2
		ISSUE 6
LUCENT TECHNOLOGIES, INC.	J5D061A-1	SHEET E1

**MISC. CONFIGURATION
TABLE AB (RELEASE 1.4 & 2.0 - OMNITEL ONLY)**

SHEET NOTES:

1. FOR POWER FEEDER INFORMATION SEE MISC TABLE BB.
2. FUSE LABELS ARE ORDERED FROM THEIR RESPECTIVE UNIT LEVEL DRAWINGS. FOR PDS ATM USE ED5D878-30, FOR PDS EXP USE ED5D879-30, FOR PDS RAC2 USE ED5D883-30, FOR ATM2 USE ED5D878-30, FOR EXP2 USE ED5D884-30, AND FOR OLM & GWC USE ED7R006-30.
3. MULTIPLE CABINET CONFIGURATIONS MAY MULT THE FAN & FUSE ALARMS BETWEEN CABINETS TO SUPPORT MINIMUM NUMBER OF SCAN POINTS USED FOR ALARMS.
4. FAN AND FUSE ALARMS USE SCAN POINTS, AVAILABLE AT EITHER AN MMSU OR AM IN CENTRAL OFFICE. CABLING GOES FROM PDS AND IS CROSS-CONNECTED AT DF THEN TO MMSU OR TO AM VIA OAU.

UNIT	ED/J-CODE	EQUIPPAGE	SHEET NOTES	PDS ATM FIG. 2 INTL ONLY	PDS EXP FIG. 3 INTL ONLY	PDS RAC2 FIG. 4	PDS ATM2 FIG. 5 INTL ONLY	PDS EXP2 FIG. 6 INTL ONLY	PDS GWC FIG. 7 INTL ONLY	PDS OLM FIG. 8
MaxTNT	ED5D883-30	AS REQD	2			1-3				
PSAX1250 INTL ONLY	ED5D879-30	AS REQD	2	0 OR 1	1-5					
PSAX2300 INTL ONLY	ED5D884-30	AS REQD	2				0 OR 1	1-3		
CBX500 INTL ONLY	ED5D878-30	AS REQD	2	0 OR 1			0 OR 1			
NAVISCORE NATIVE EMS PROCESSOR	ED7R006-30	AS REQD	2							1
PTS ONELINK PROCESSOR	ED7R006-30	AS REQD	2							0 OR 1
AQUEVIEW NATIVE EMS PROCESSOR	ED7R006-30	AS REQD	2							1
CG PROCESSOR	ED7R006-30	AS REQD	2						2	
FAN	J5D003FH-2	L503,LF8,LK4		1						
		L500,LF3,LK1			1					
MFFU	J5D003FJ-1	L173,LCH,LDB,LCK,LCR	1,4		1			1	1	1
		L174,LCH,LDB,LCK,LCR	1,4	1		1	1			
10BASE T HUB 3012	J5D061A-1	L4A		1		1	1	1	1	
10BASE T HUB 3024	J5D061A-1	L5			1*					
100BASE T HUB 800E	J5D061A-1	L6				1				
INTRA CA INCLUDING PWR	ED5D870-10	AS REQD		AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD
INTER CA	ED5D870-11	AS REQD		AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD
ALARM INDICATOR STRIP CABLING	ED5D734-14	AS REQD		AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD
CABINET DESIG. LABEL	ED5D695-16	AS REQD		1	1	1	1	1	1	1
CABLE ROD KIT 4"	J5D061A-1	L2		3	3	3	3	4	5	3
FUSE ALM MULT	ED5D688-15	AS REQD	3	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD
FUSE ALM MULT	ED5D867-16	AS REQD	3	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD	AS REQD

*. DENOTES VERTICAL MOUNTING REQUIRED. ALL OTHERS ARE HORIZONTAL.

LUCENT TECHNOLOGIES INC. - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS		
5ESS @SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		DWG SIZE C2
		ISSUE 6
LUCENT TECHNOLOGIES, INC.	J5D061A-1	SHEET E2

**MISC. CONFIGURATION
TABLE AB (RELEASE 1.4 & 2.0) (CONT.)**

SHEET NOTES:
1. FUSE LABEL GROUPS ARE LISTED FOR REFERENCE ONLY.

UNIT	ED/J-CODE	EQUIPPAGE	SHEET NOTES	PDS ATM FIG. 2 INTL ONLY	PDS EXP FIG. 3 INTL ONLY	PDS RAC2 FIG. 4	PDS ATM2 FIG. 5 INTL ONLY	PDS EXP2 FIG. 6 INTL ONLY	PDS GWC FIG. 7 INTL ONLY	PDS OLM FIG. 8
MFFU LABELS	ED5D088-12	G294A,G294B, G294C	1			1				
		G295A,G295B, G295C	1		1					
		G296A,G296B, G296C	1	1						
		G297A,G297B, G297C	1				1			
		G298A,G298B, G298C	1					1		
		G299A,G299B, G299C	1						1	
		G300A,G300B, G300C	1							1

A

B

C

D

E

F

G

H

A

B

C

D

E

F

G

H

LUCENT TECHNOLOGIES INC. - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS		
5ESS ®SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		DWG SIZE
		C2
LUCENT TECHNOLOGIES, INC.		ISSUE
		6
J5D061A-1		SHEET E3

**MISC. CABINET FEEDER INFORMATION
TABLE BA (RELEASES 1 & 1.3)**

CABINET	NO. OF POWER FEEDERS	NO. OF FEEDERS TO MFU	MFU FEEDER ASSIGNMENT			GPDF SPECIAL REQUIREMENTS	CURRENT DRAIN
			"A" BUS	"B" BUS	CURRENT DRAIN		
PDS-RAC	6	6	(2) 017, 047 (1) 078	(2) 108, 138 (1) 169	(4) 18 AMPS (2) 8 AMPS		
PDS-ATM	6	4	(1) 017 (1) 078	(1) 108 (1) 169	(2) 12 AMPS (2) 4 AMPS	<u>PDU PANEL</u> <u>J86334E-1</u> (1 EA) "A" SUP. EQL 25-010 RTN EQL 10-010 (1 EA) "B" SUP. EQL 25-180 RTN EQL 10-180 *	(2) 75 AMPS
PDS-EXP	12	12	(1) 093 (5) 017, 032, 047, 063, 078	(1) 184 (5) 108, 123, 139, 154, 169	(2) 8 AMPS (10) 12 AMPS		
PDS-RAC2	8	2	(1) 017	(1) 108	(2) 2 AMPS	(6) 50 AMP FUSES AT GPDF	(6) 35 AMPS

* 100AMP PWR FUSES AND 125AMP ON PWR RTN FUSES. GPDF PDU PANEL WILL REQUIRE 175AMP FUSES.

A
B
C
D
E
F
G
H

A
B
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LUCENT TECHNOLOGIES INC. - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS		
5ESS® SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		DWG SIZE
		C2
LUCENT TECHNOLOGIES, INC.		ISSUE
J5D061A-1		6
		SHEET E4

**MISC. CABINET FEEDER INFORMATION
TABLE BB (RELEASE 1.4 & 2.0)**

CABINET	NO. OF POWER FEEDERS	NO. OF FEEDERS TO MFFU	MFFU FEEDER ASSIGNMENT			GPDF SPECIAL REQUIREMENTS	CURRENT DRAIN
			"A" BUS	"B" BUS	CURRENT DRAIN		
PDS-ATM	6	4	(1) 017 (1) 078	(1) 108 (1) 169	(2) 12 AMPS (2) 4 AMPS	<u>PDU PANEL</u> <u>J86334E-1</u> (1 EA) "A" SUP. EQL 25-010 RTN EQL 10-010 (1 EA) "B" SUP. EQL 25-180 RTN EQL 10-180 *	(2) 75 AMPS
PDS-EXP	12	12	(1) 093 (5) 017,032, 047, 063, 078	(1) 184 (5) 108,123, 139, 154, 169	(2) 8 AMPS (10) 12 AMPS		
PDS-RAC2	8	2	(1) 017	(1) 108	(2) 2 AMPS	(6) 50 AMP FUSES AT GPDF	(6) 35 AMPS
PDS-ATM2	6	4	(1) 017 (1) 078	(1) 108 (1) 169	(2) 15 AMPS (1) 2 AMPS (1) 3 AMPS	<u>PDU PANEL</u> <u>J86334E-1</u> (1 EA) "A" SUP. EQL 25-010 RTN EQL 10-010 (1 EA) "B" SUP. EQL 25-180 RTN EQL 10-180 *	(2) 75 AMPS
PDS-EXP2	8	8	(1) 017 (1) 032 (1) 047 (1) 093	(1) 108 (1) 123 (1) 139 (1) 184	(6) 15 AMPS (1) 2 AMPS (1) 3 AMPS		
PDS-GWC	10	10	(1) 017 (1) 032 (1) 047 (1) 063 (1) 093	(1) 108 (1) 123 (1) 139 (1) 154 (1) 184	(8) 8 AMPS (1) 2 AMPS (1) 3 AMPS		
PDS-OLM	6	6	(1) 017 (1) 032 (1) 047 (1) 063	(1) 108 (1) 123	(6) 12 AMPS		

* 100AMP PWR FUSES AND 125AMP ON PWR RTN FUSES. GPDF PDU PANEL WILL REQUIRE 175AMP FUSES.

LUCENT TECHNOLOGIES INC. - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS		
5ESS® SWITCHING EQUIPMENT SPECIFICATION FOR 7R/E PACKET DRIVER SOLUTIONS CABINET		DWG SIZE
		C2
LUCENT TECHNOLOGIES, INC.		ISSUE
		6
J5D061A-1		SHEET E5