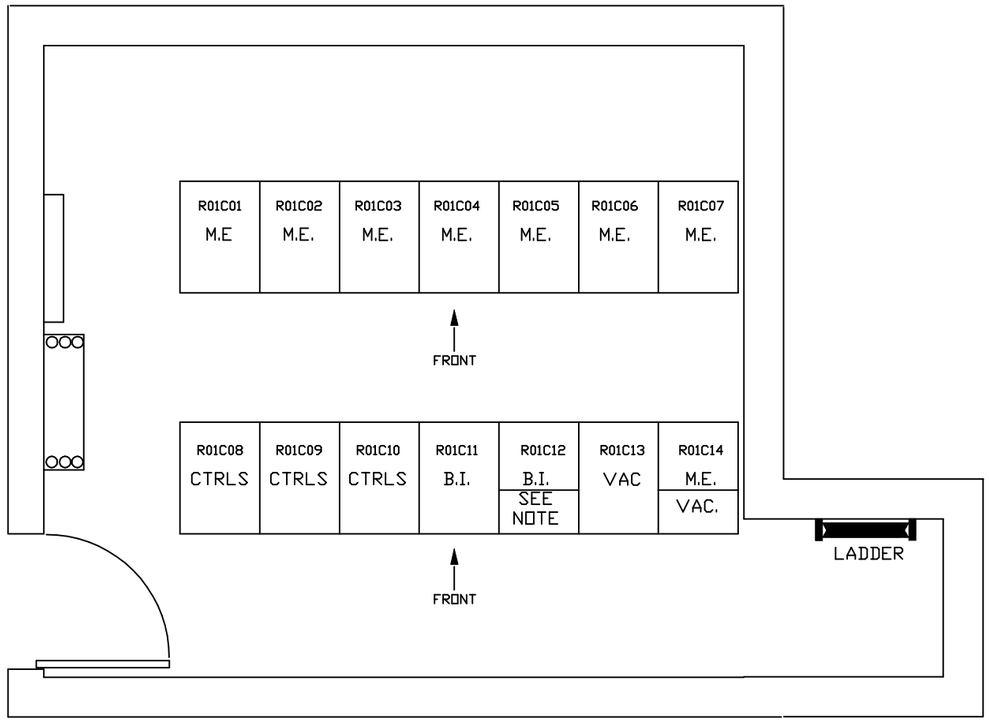
REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



NOTE

M.E. - MAGNET ELECTRICAL
CTRLS - CONTROLS
VAC - VACUUM
B.I. - BEAM INSTRUMENTATION
NOTE - THIS HALF RACK WILL BE BEAM INSTRUMENTATION OR VACUUM GROUP DEPENDING ON SEXTANT TEST RESULTS.

-3	-2	-1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
		1	R01C10	5	RACK R01C10 ASSEMBLY	94028453
		1	R01C09	4	RACK R01C09 ASSEMBLY	94028452
		1	R01C08	3	RACK R01C08 ASSEMBLY	94028451
		1		2	RACKS R01C01 - R01C07 ASSEMBLY	94028459
		1		1	RHIC CONTROLS BLDG. 1001C WIRING DIAGRAM	94028450

QTY REQD

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
DECIMAL TOLERANCES .X ±NA .XX ±NA .XXX ±NA
ANGULAR TOLERANCE ± .5°
OUTSTANDING ECN
NA FINISH
BREAK SHARP EDGES MAX. XX MIN. XX

Q.A. CATEGORY A-3

DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973

RHIC CONTROLS

ALCOVE 1001C FLOOR PLAN

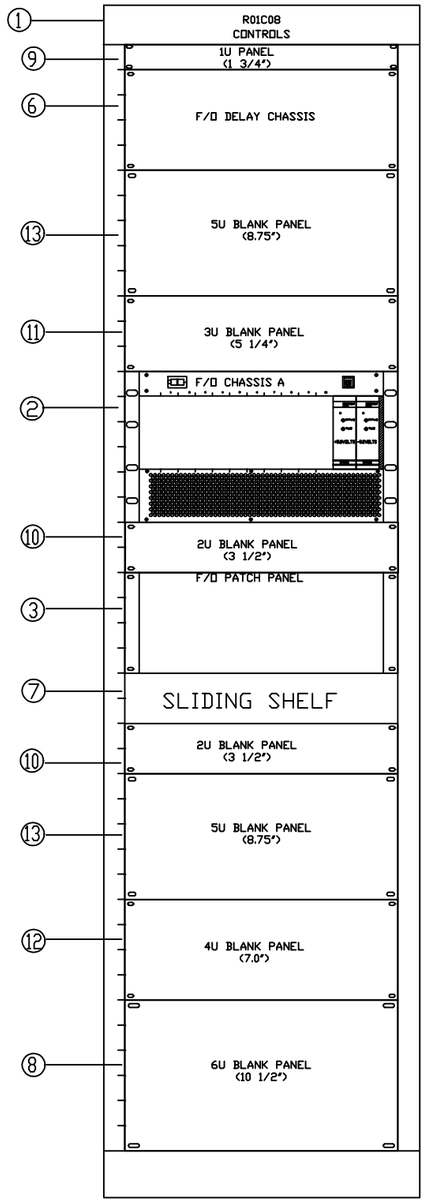
SIZE D | 94028450 | REV. A
DRAWING NUMBER

MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

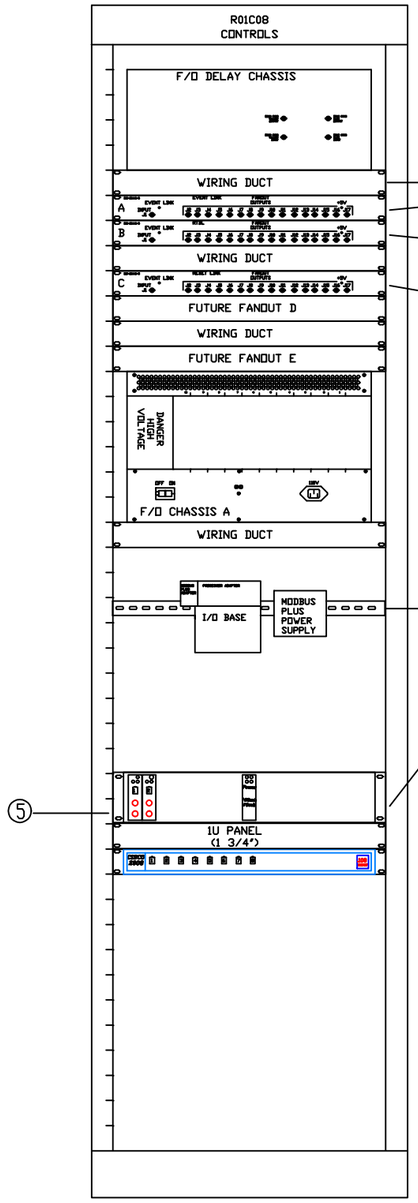
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

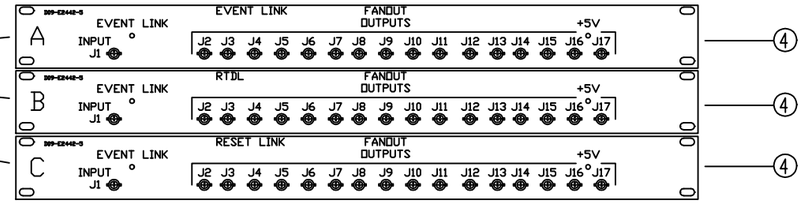
ACS, BNL 4/13/99 2:04 PM8451.dwg

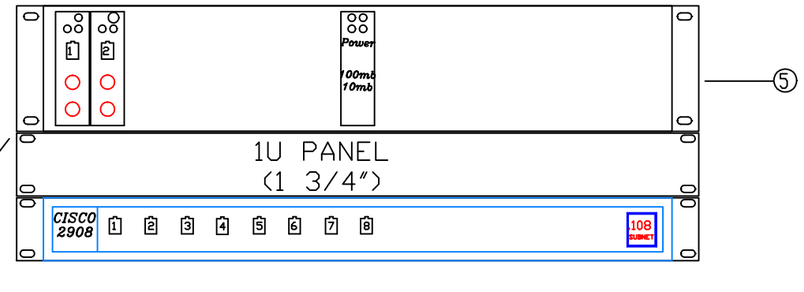


FRONT VIEW



REAR VIEW





QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO.,BNL NO.
1	N/A	17	MODICON HARDWARE	X
8	N/A	16	WIRING DUCT SNAP CLIPS 1.5"W (PANDUIT SNS1.5-C)	X
4	N/A	15	WIRING DUCT COVER 1.5"W (PANDUIT C1.5LG6)	X
4	N/A	14	WIRING DUCT 1.5"W x 4"D (PANDUIT E1.5X4LG6)	X
2	N/A	13	5U x 19" BLANK PANEL (PREMIER METAL ARP-819-553)	X
1	N/A	12	4U x 19" BLANK PANEL (PREMIER METAL ARP-719-553)	X
1	N/A	11	3U x 19" BLANK PANEL (PREMIER METAL ARP-519-553)	X
2	N/A	10	2U x 19" BLANK PANEL (PREMIER METAL ARP-319-553)	X
1	N/A	9	1U x 19" BLANK PANEL (PREMIER METAL ARP-119-553)	X
1	N/A	8	6U x 19" BLANK PANEL (PREMIER METAL ARP-1019-553)	X
1	N/A	7	SLIDING SHELF (PREMIER METAL TWS-319)	X
1	N/A	6	FIBER OPTIC DELAY CHASSIS ASSY.	94028277
1	A	5	ETHERNET NETWORK HARDWARE	X
3	A,B,C	4	FANDUT ASSEMBLY	D09-E2442
1	N/A	3	FIBER OPTIC PATCH PANEL	X
1	N/A	2	F/O CHASSIS A	94028454
1	N/A	1	19" RACK, 77"H RACK SPACE	X

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES .X ±.030 .XX ±.015 .XXX ±.005

ANGULAR TOLERANCE ± .5°

FINISH: NA

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

DATE

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

RHIC CONTROLS

ALCOVE 1001C

RACK R01C08 ASSEMBLY

SIZE D | 94028451 | REV. A

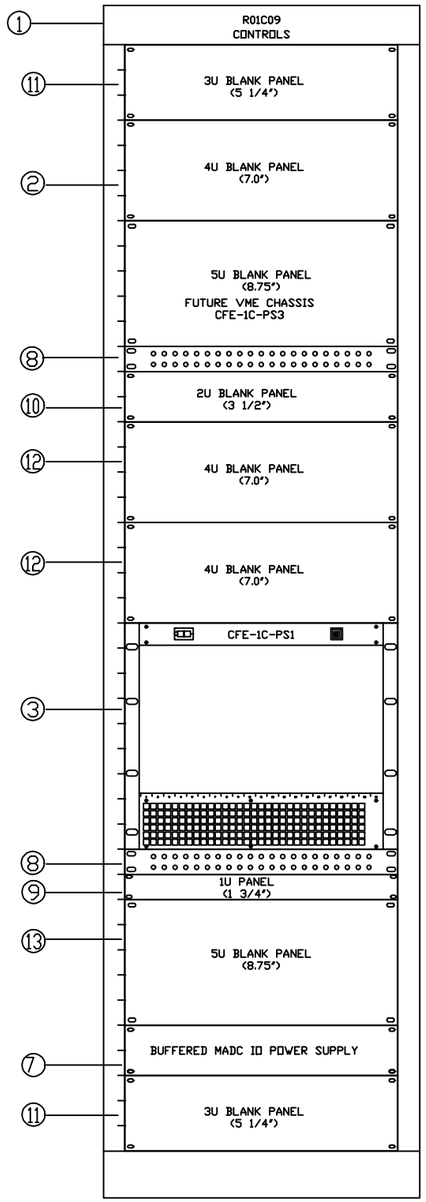
DRAWING NUMBER

MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

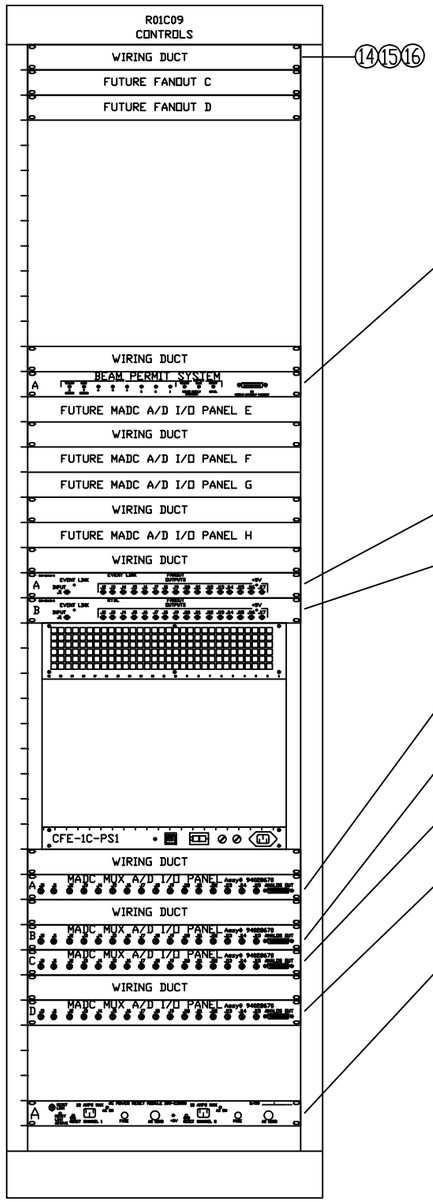
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

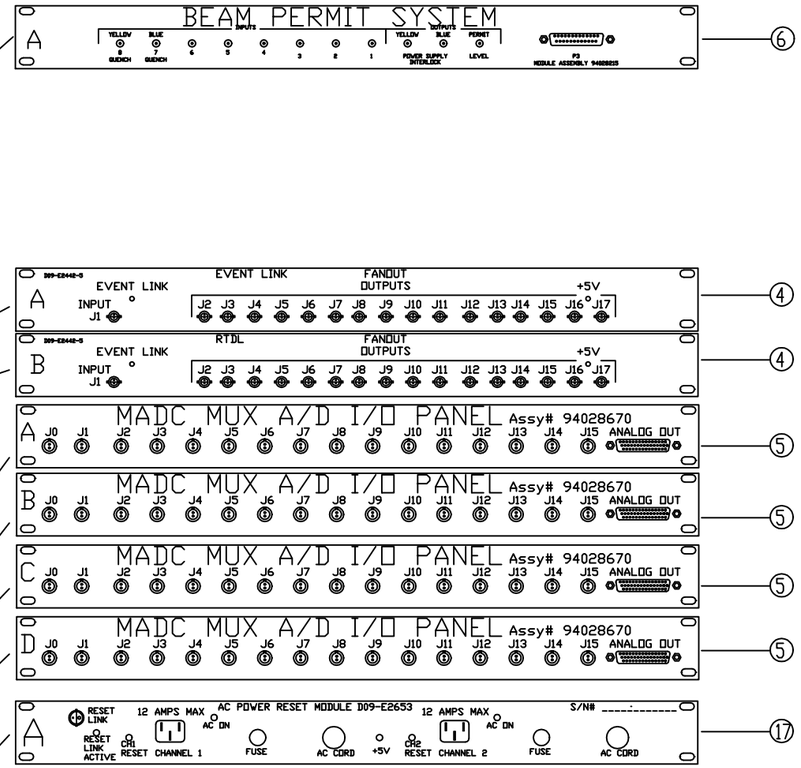
C-A, BNL 7/6/01 10:40 AM 8452.dwg



FRONT VIEW



REAR VIEW



		1	A	17	AC POWER RESET MODULE	D09-E2653
		16	N/A	16	WIRING DUCT SNAP CLIPS 1.5"W (PANDUIT SNS1.5-C)	X
		8	N/A	15	WIRING DUCT COVER 1.5"W (PANDUIT C1.5LG6)	X
		8	N/A	14	WIRING DUCT 1.5"W x 4"D (PANDUIT E1.5X4LG6)	X
		2	N/A	13	5U x 19" BLANK PANEL (PREMIER METAL ARP-819-553)	X
		3	N/A	12	4U x 19" BLANK PANEL (PREMIER METAL ARP-719-553)	X
		2	N/A	11	3U x 19" BLANK PANEL (PREMIER METAL ARP-519-553)	X
		1	N/A	10	2U x 19" BLANK PANEL (PREMIER METAL ARP-319-553)	X
		2	N/A	9	1U x 19" BLANK PANEL (PREMIER METAL ARP-119-553)	X
		2	N/A	8	GROMMET PANEL	94028410
		1	N/A	7	BUFFERED MADC POWER SUPPLY	94028808
		1	A	6	BEAM PERMIT SYSTEM INTERFACE PANEL	94028215
		4	A-D	5	BUFFERED MADC A/D I/O PANEL	94028670
		2	A,B	4	FANOUT ASSEMBLY	D09-E2442
		1	N/A	3	VME CHASSIS CFE-1C-PS1 ASSY.	94028456
		0	N/A	2	VME CHASSIS CFE-1C-PS3 ASSY.(FUTURE)	94028455
		1	N/A	1	19" RACK, 77"H RACK SPACE	X
-3	-2	-1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
QTY REQD						

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
.X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE
± .5°

OUTSTANDING ECN

NA
FINISH

BREAK SHARP EDGES
MAX. XX MIN. XX

Q.A. CATEGORY A-3

DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS
ALCOVE 1001C
RACK R01C09 ASSEMBLY

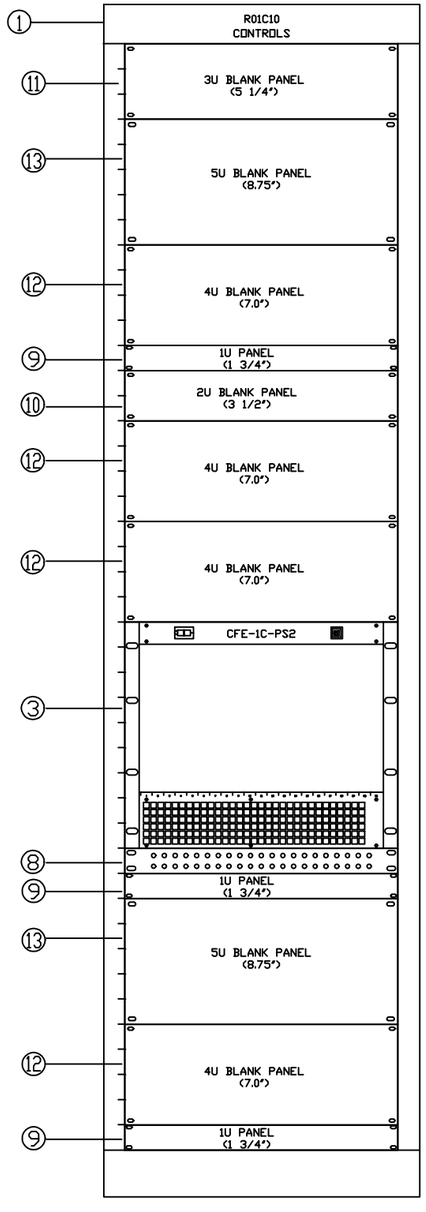
SIZE D | 94028452 | REV. A
DRAWING NUMBER

MATERIAL: ——— | SCALE: NA | WEIGHT: – | SHEET 1 OF 1

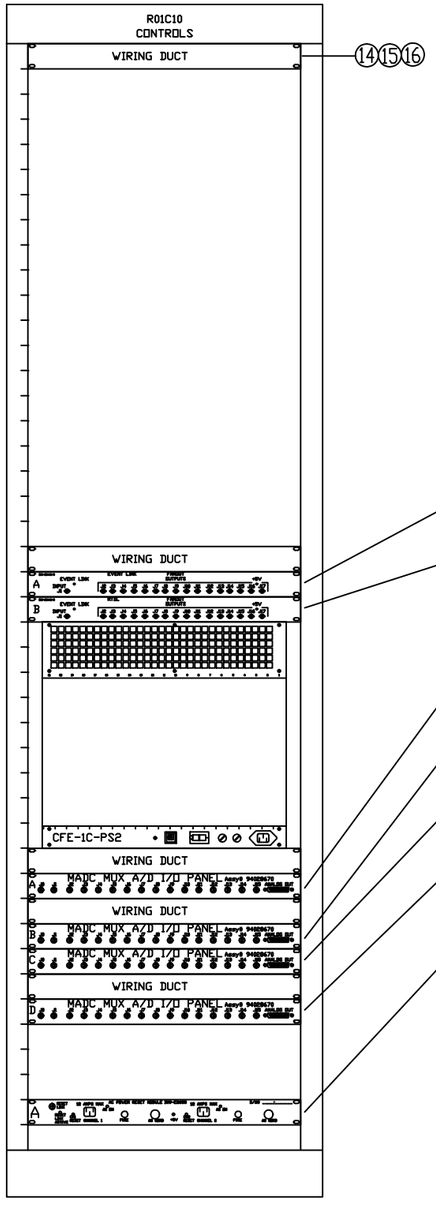
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

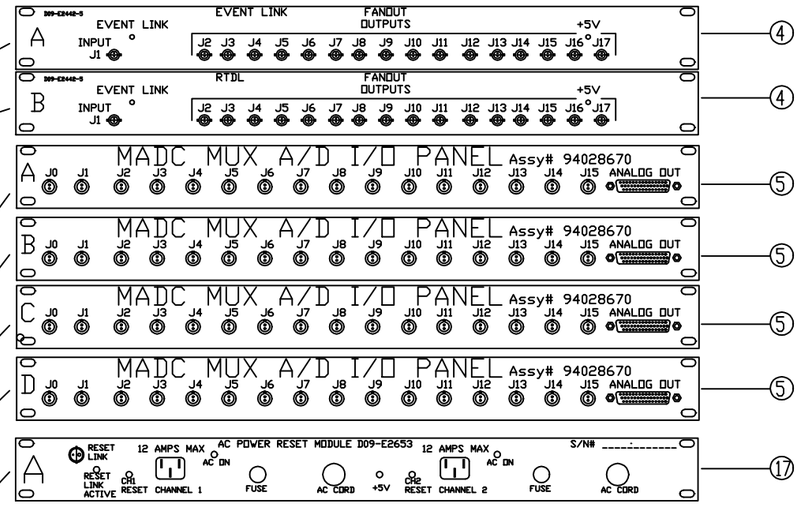
C-A, BNL 7/6/01 10:48 AM 8453.dwg



FRONT VIEW



REAR VIEW



QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
1	A	17	AC POWER RESET MODULE	D09-E2653
10	N/A	16	WIRING DUCT SNAP CLIPS 1.5"W (PANDUIT SNS1.5-C)	X
5	N/A	15	WIRING DUCT COVER 1.5"W (PANDUIT C1.5LG6)	X
5	N/A	14	WIRING DUCT 1.5"W x 4"D (PANDUIT E1.5X4LG6)	X
2	N/A	13	5U x 19" BLANK PANEL (PREMIER METAL ARP-819-553)	X
4	N/A	12	4U x 19" BLANK PANEL (PREMIER METAL ARP-719-553)	X
1	N/A	11	3U x 19" BLANK PANEL (PREMIER METAL ARP-519-553)	X
1	N/A	10	2U x 19" BLANK PANEL (PREMIER METAL ARP-319-553)	X
3	N/A	9	1U x 19" BLANK PANEL (PREMIER METAL ARP-119-553)	X
2	N/A	8	GROMMET PANEL	94028410
X	X	7	X	X
X	X	6	X	X
4	A,B,C,D	5	BUFFERED MADC A/D I/O PANEL	94028670
2	A,B	4	FANOUT ASSEMBLY	D09-E2442
1	N/A	3	VME CHASSIS CFE-1C-PS2 ASSY.	94028457
X	X	2	X	X
1	N/A	1	19" RACK, 77"H RACK SPACE	X

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
.X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE ± .5°

NA FINISH

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS
ALCOVE 1001C
RACK R01C10 ASSEMBLY

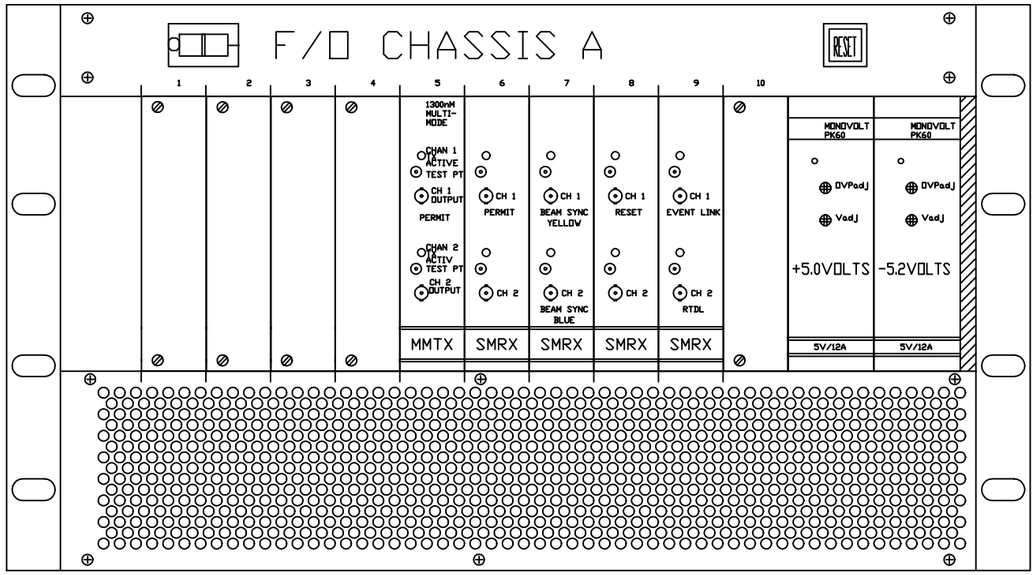
SIZE D | DRAWING NUMBER 94028453 | REV. A

MATERIAL: ——— | SCALE: NA | WEIGHT: – | SHEET 1 OF 1

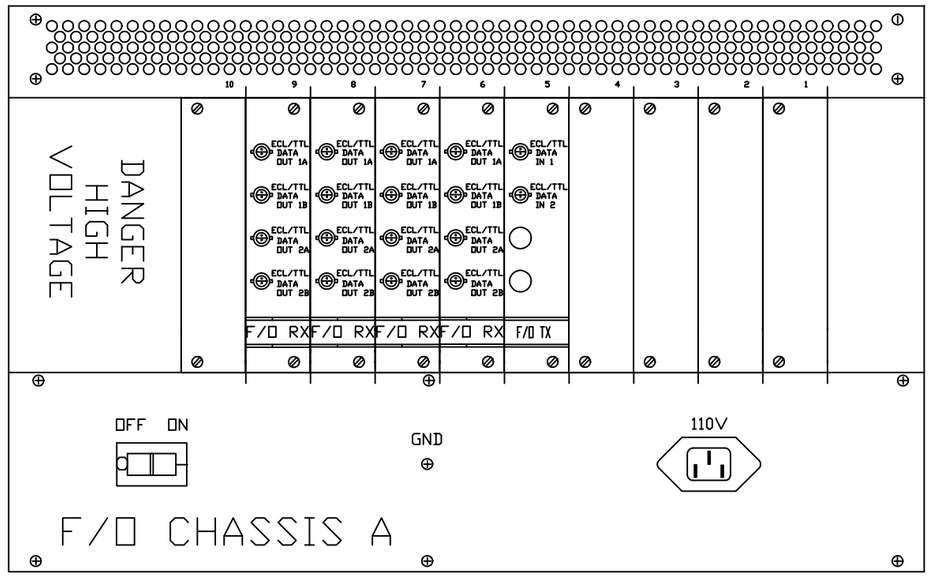
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

ACS, BNL 4/13/99 2:44 PM 8454.dwg



FRONT VIEW



REAR VIEW

QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
1	SLOT 7	7	3U FIBER OPTIC RECEIVER TRANSISTION MODULE, ECL	DD9-E2541-3
10	ALL UNUSED	6	3U x 6HP BLANK PANEL (ELECTRO-SPACE ESFE-3032)	X
3	SLOT6,8,9	5	3U FIBER OPTIC RECEIVER TRANSITION MODULE, TTL	D09-E2542-3
4	SLOT 6-9	4	3U FIBER OPTIC RECEIVER MODULE, MULTIMODE/SINGLEMODE	94028101
1	SLOT 5	3	3U FIBER OPTIC TRANSMITTER TRANSITION MODULE, TTL	DD9-E2495-3
1	SLOT 5	2	3U FIBER OPTIC TRANSMITTER MODULE, MULTIMODE	94028168
1	N/A	1	3U FIBER OPTIC CHASSIS	94028261

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
.X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE ± .5'

NA FINISH

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS
ALCOVE 1001C RACK R01C08
F/O CHASSIS A ASSY.

SIZE D | 94028454 | REV. A

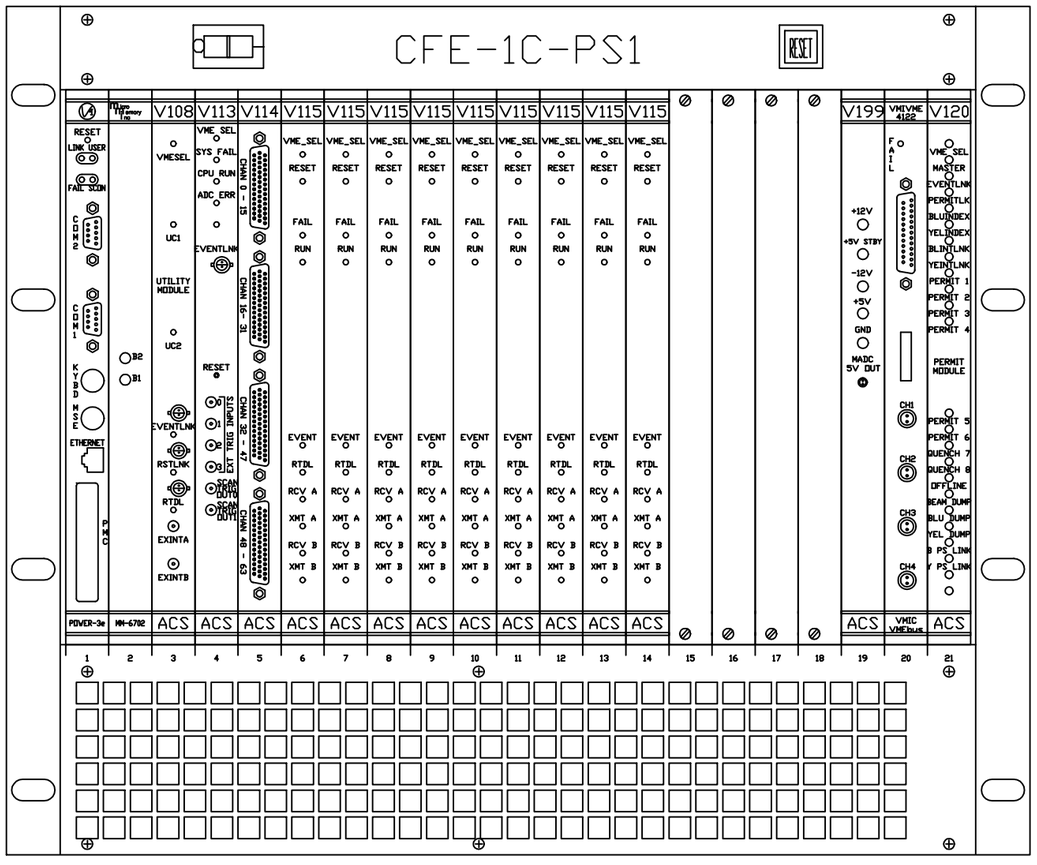
DRAWING NUMBER

MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

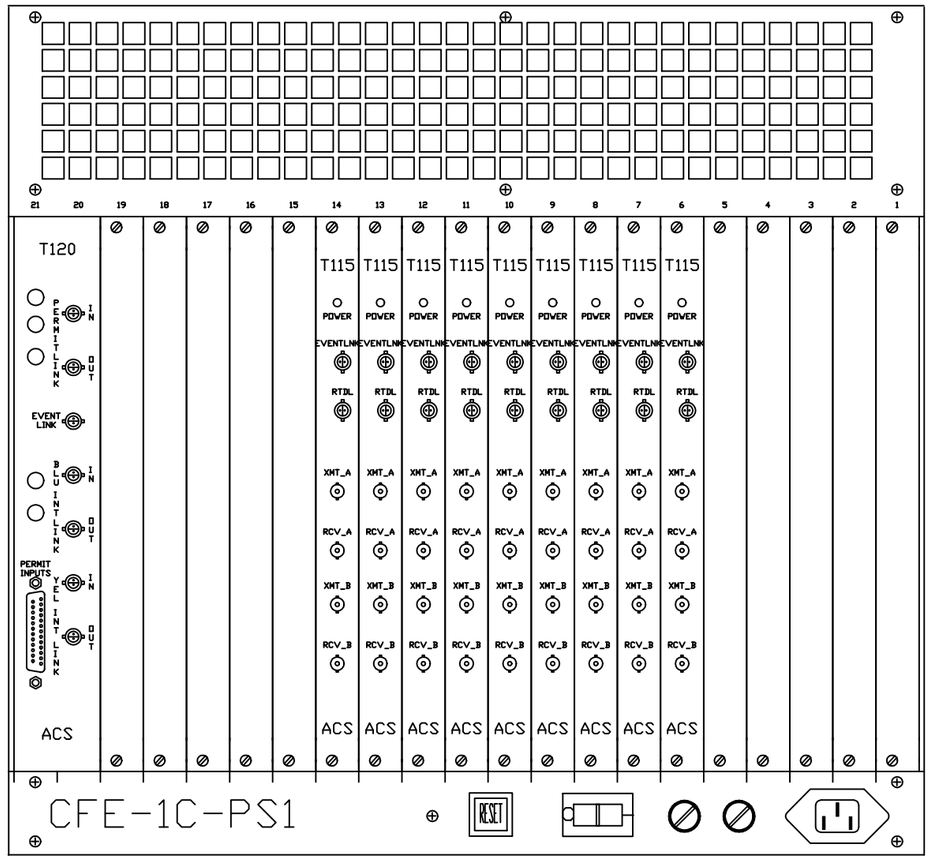
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

CONTROLS- 6/12/03 3:51 PM 8456.dwg



FRONT VIEW



REAR VIEW

NOTE:

1. ALL UNUSED SLOTS, FRONT AND REAR

-3	-2	-1	QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
		1	1	SLOT 19	13	V199 VOLTAGE MONITOR BD	XXXXXXX
		1	1	SLOT 20	12	VMIVME 4122 MODIFIED	94028793
		1	1	SLOT 2	11	MEMORY BOARD	MM-6702
		1	1	SLOT 21, 20	10	T120	94028199-2
		1	1	SLOT 21	9	V120	94028077
		17	17	SEE NOTE 1	8	VME BLANK PANEL (ELECTRO-SPACE ESFE-2985)	
		1	9	SLOT 6-14	7	T115 WAVEFORM GENERATOR TRANSITION MODULE	94028126
		1	9	SLOT 6-14	6	V115 WAVEFORM GENERATOR MODULE	94028108
		1	1	SLOT5	5	V114 MADC A/D CONVERTER MODULE	94028226
		1	1	SLOT4	4	V113 MADC CONTROLLER MODULE	94028140
		1	1	SLOT 3	3	V108 UTILITY MODULE	94028094
		1	1	SLOT 1	2	FRONT END COMPUTER	
		1	1	N/A	1	VME CHASSIS	RHIC-93008000

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES .X ±.030 .XX ±.015 .XXX ±.005

ANGULAR TOLERANCE ± .5'

NA FINISH

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS
ALCOVE 1001C RACK R01C09
VME CHASSIS CFE-1C-PS1

SIZE D | 94028456 | REV. A

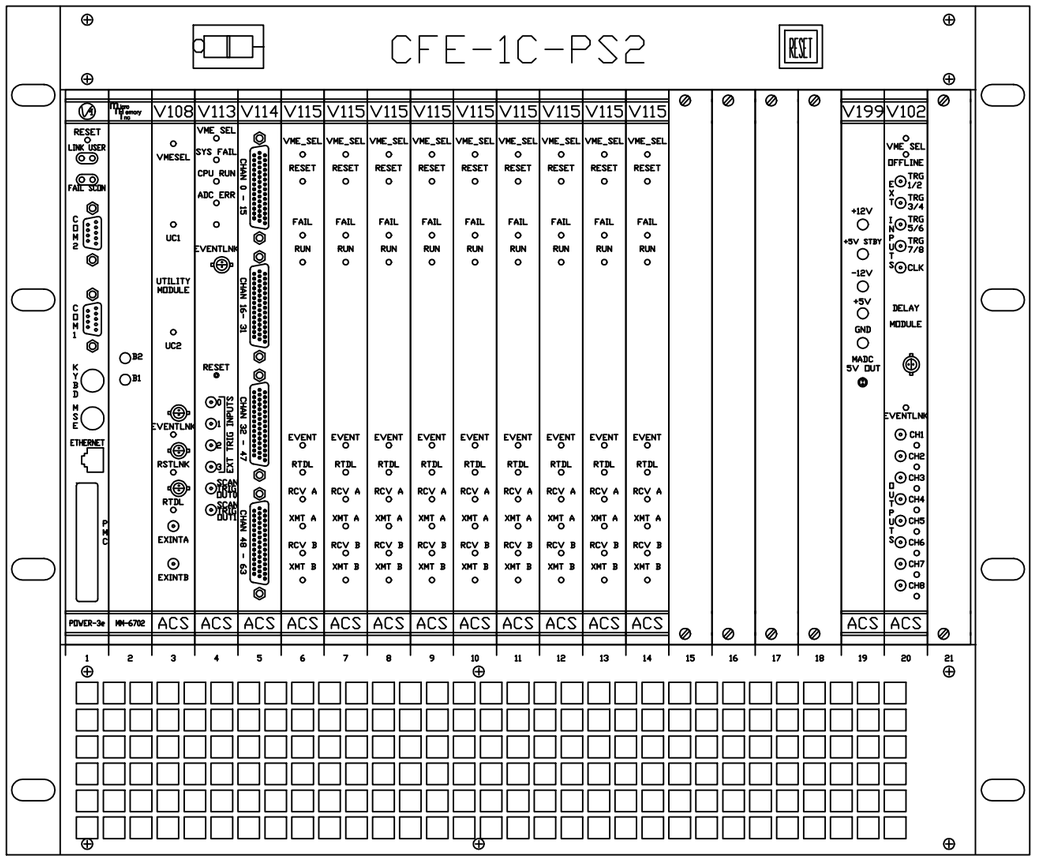
DRAWING NUMBER

MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

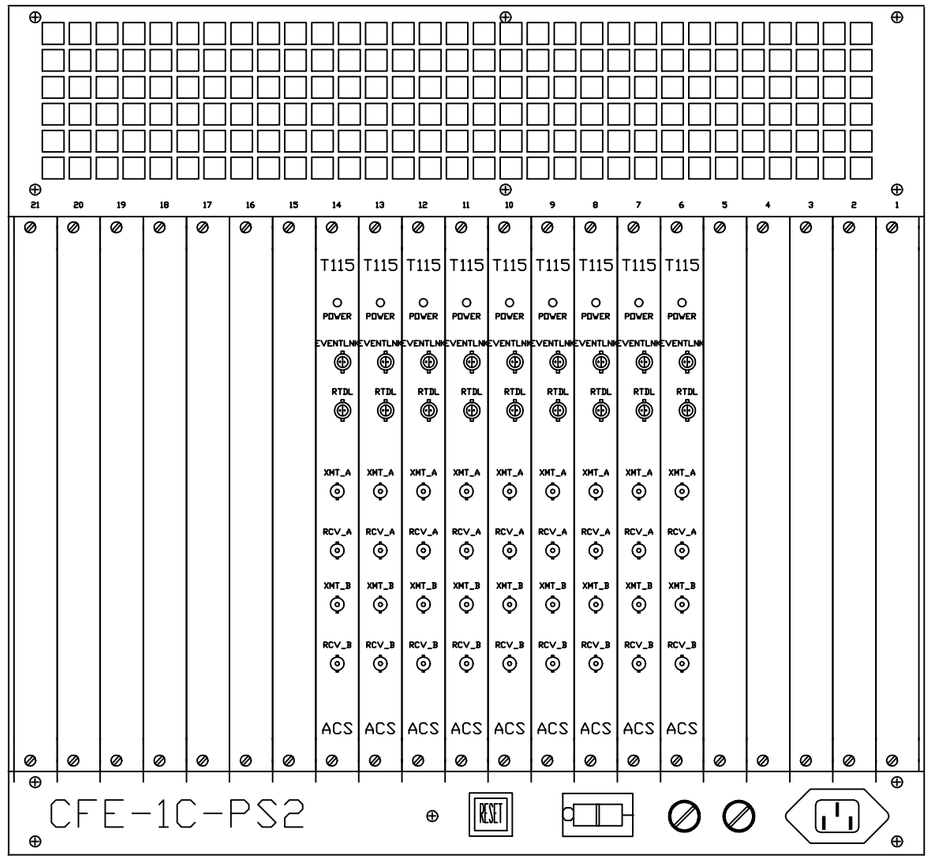
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

CONTROLS- 6/12/03 3:52 PM 8457.dwg



FRONT VIEW



REAR VIEW

NOTE:

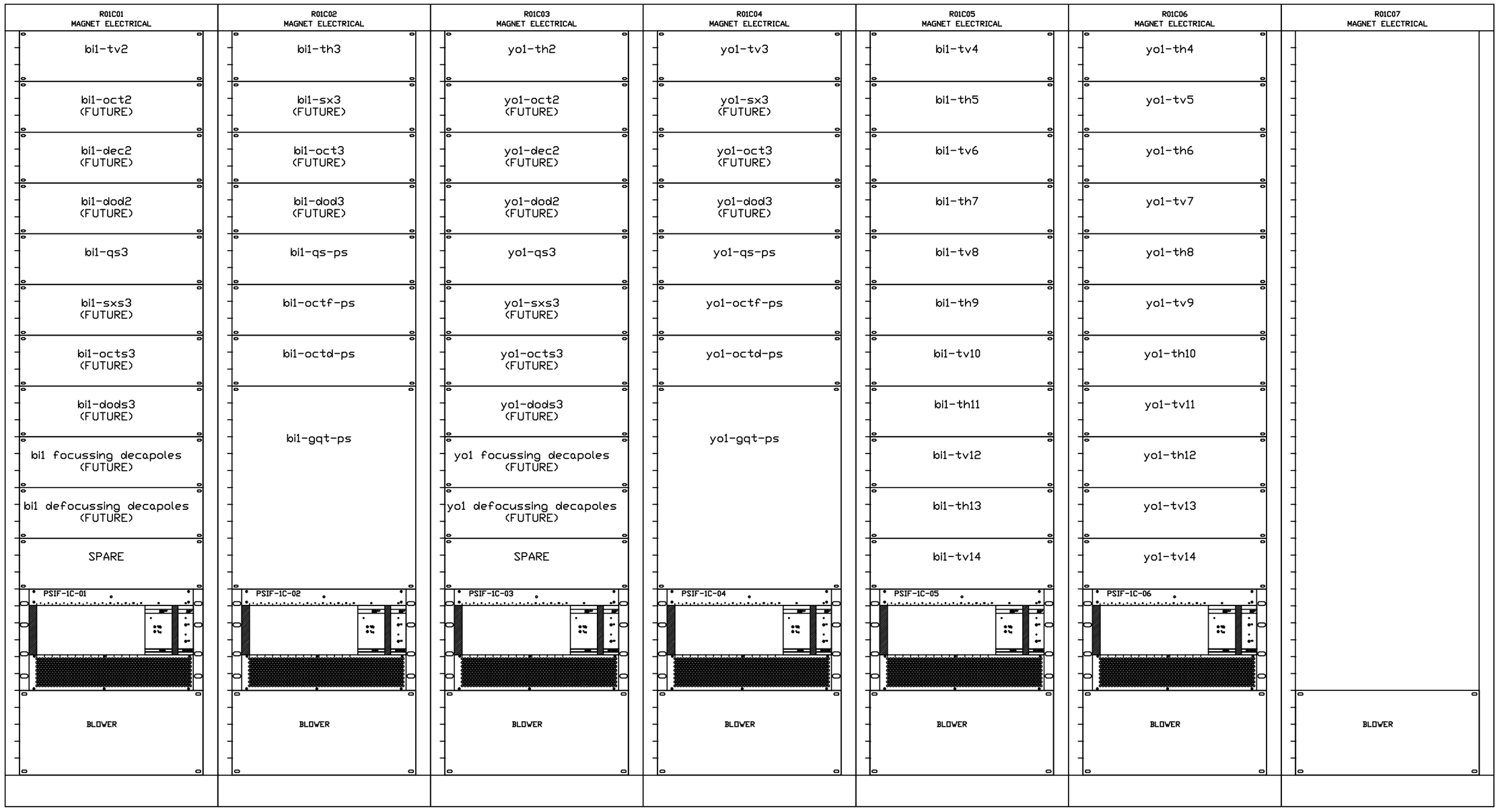
1. ALL UNUSED SLOTS, FRONT AND REAR

-3	-2	-1	QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
		1	1	SLOT 19	12	V199 VOLTAGE MONITOR BD	XXXXX
		1	1	SLOT 2	11	MEMORY BOARD	MM-6702
		1	1	SLOT 20	10	V102 DELAY MODULE	94028072
					9		
		18	18	SEE NOTE 1	8	VME BLANK PANEL (ELECTRO-SPACE ESFE-2985)	
		9	9	SLOT 6-14	7	T115 WAVEFORM GENERATOR TRANSITION MODULE	94028126
		9	9	SLOT 6-14	6	V115 WAVEFORM GENERATOR MODULE	94028108
		1	1	SLOT5	5	V114 MADC A/D CONVERTER MODULE	94028226
		1	1	SLOT4	4	V113 MADC CONTROLLER MODULE	94028140
		1	1	SLOT 3	3	V108 UTILITY MODULE	94028094
		1	1	SLOT 1	2	FRONT END COMPUTER	
		1	1	N/A	1	VME CHASSIS	RHIC-93008000

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989	Q.A. CATEGORY A-3	DATE	BROOKHAVEN NATIONAL LABORATORY		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY	Phil Pape	10/30/97	UPTON, N.Y. 11973	
DECIMAL TOLERANCES .X ±.030 .XX ±.015 .XXX ±.005 ANGULAR TOLERANCE ± .5°	CHECKED BY			RHIC CONTROLS	
	DESIGN APPROVAL			ALCOVE 1001C RACK R01C10	
	ENGINEER APPROVAL	R. MICHNOFF	10/30/97	VME CHASSIS CFE-1C-PS2	
	SUPVR. APPROVAL			SIZE D	94028457 REV. A
OUTSTANDING ECN	NA FINISH	BREAK SHARP EDGES MAX. XX MIN. XX	NEXT ASSEMBLY	DRAWING NUMBER	
				MATERIAL: ———	SCALE: NA WEIGHT: – SHEET 1 OF 1

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



FRONT VIEW

QTY	REF DESIG	ITEM	DESCRIPTION	DWG NO.,BNL NO.
7		10	BLOWER (PREMIER METAL PMB-8-525)	
1		9	RACK R03C01 - R03C07 WIRING DIAGRAM	xxxx
34		8	50 AMP CORRECTOR POWER SUPPLIES	xxxx
2		7	GAMMA-T CORRECTOR POWER SUPPLIES	xxxx
1		6	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-1C-06 ASSY.	94028465
1		5	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-1C-05 ASSY.	94028464
1		4	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-1C-04 ASSY.	94028463
1		3	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-1C-03 ASSY.	94028462
1		2	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-1C-02 ASSY.	94028461
1		1	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-1C-01 ASSY.	94028460

QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L. DWG NO.,BNL NO.
-3 -2 -1	X	X	X	X

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
.X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE
± .5°

OUTSTANDING ECN

NA FINISH

BREAK SHARP EDGES
MAX. XX MIN. XX

Q.A. CATEGORY	A-3	DATE
DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973

RHIC CONTROLS

ALCOVE 1001C

RACKS R01C01-R01C07 ASSEMBLY

SIZE D | 94028459 DRAWING NUMBER | REV. A

MATERIAL: ——— SCALE: NA WEIGHT: — SHEET 1 OF 2

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

R01C07
MAGNET ELECTRICAL

R01C06
MAGNET ELECTRICAL

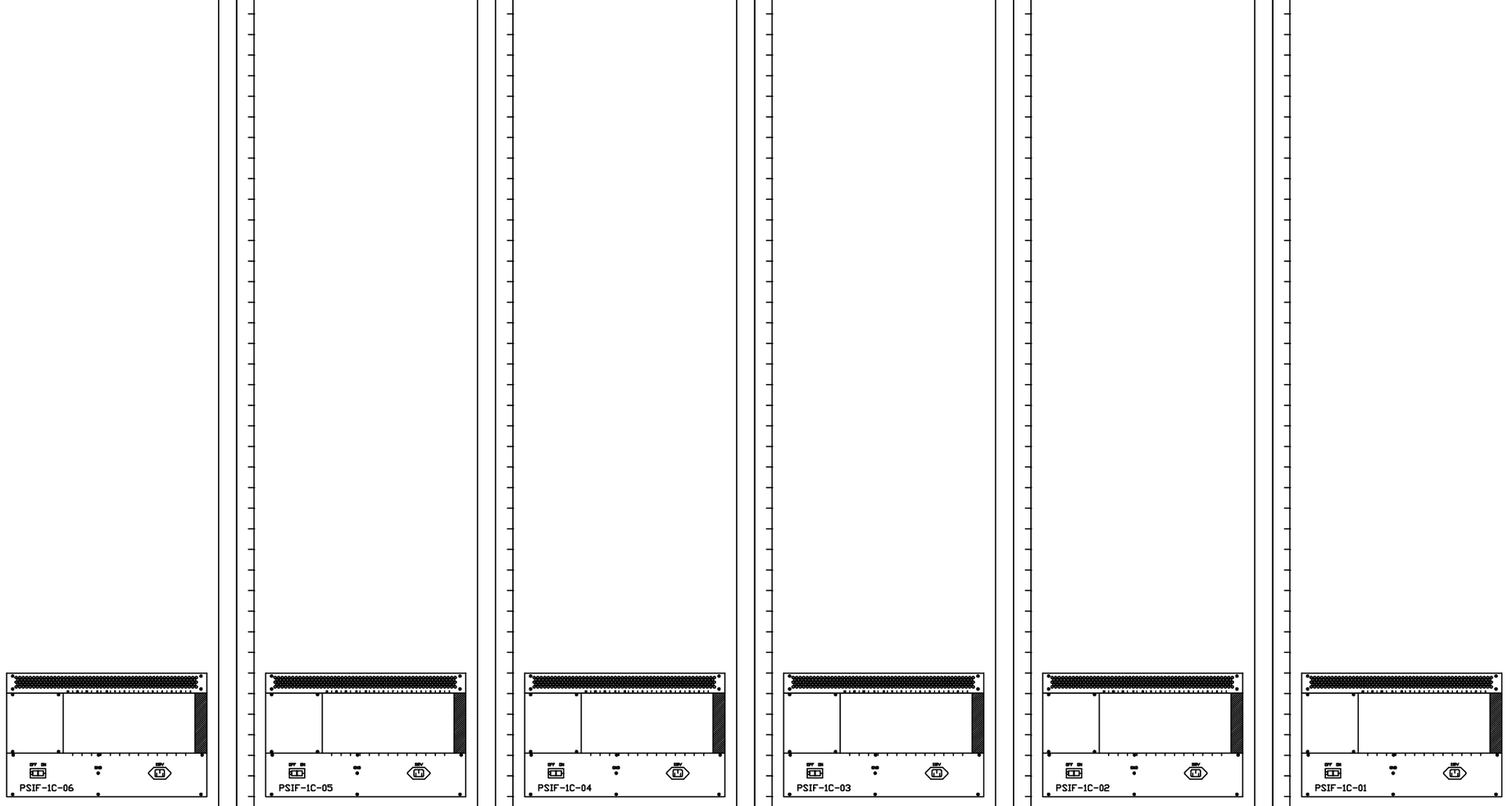
R01C05
MAGNET ELECTRICAL

R01C04
MAGNET ELECTRICAL

R01C03
MAGNET ELECTRICAL

R01C02
MAGNET ELECTRICAL

R01C01
MAGNET ELECTRICAL



REAR VIEW

-3	-2	-1 QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L. DWG NO./SPEC. NO.

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M–1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
.X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE ± .5°

OUTSTANDING ECN

NA FINISH

BREAK SHARP EDGES
MAX. XX MIN. XX

Q.A. CATEGORY A–3		DATE
DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		
NEXT ASSEMBLY		

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973

RHIC CONTROLS

ALCOVE 1001C

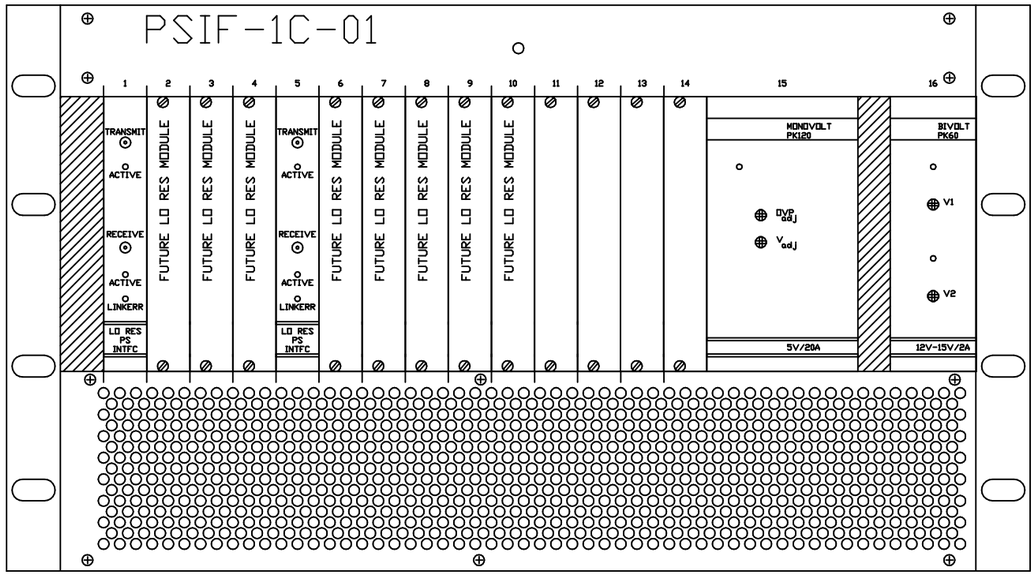
RACKS R01C01–R01C07 ASSEMBLY

SIZE D | 94028459 | REV. A
DRAWING NUMBER

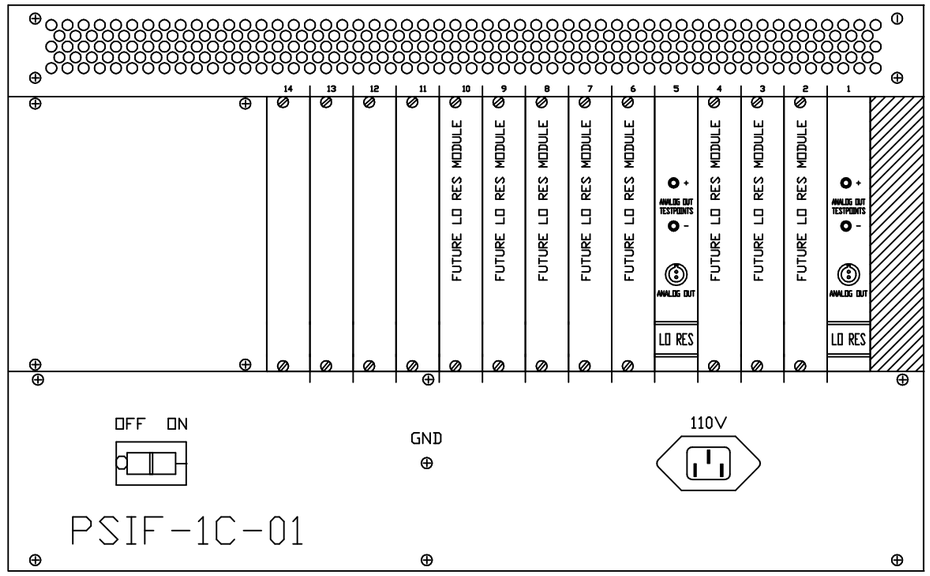
MATERIAL: ——— | SCALE: NA | WEIGHT: – | SHEET 2 OF 2

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



FRONT VIEW



REAR VIEW

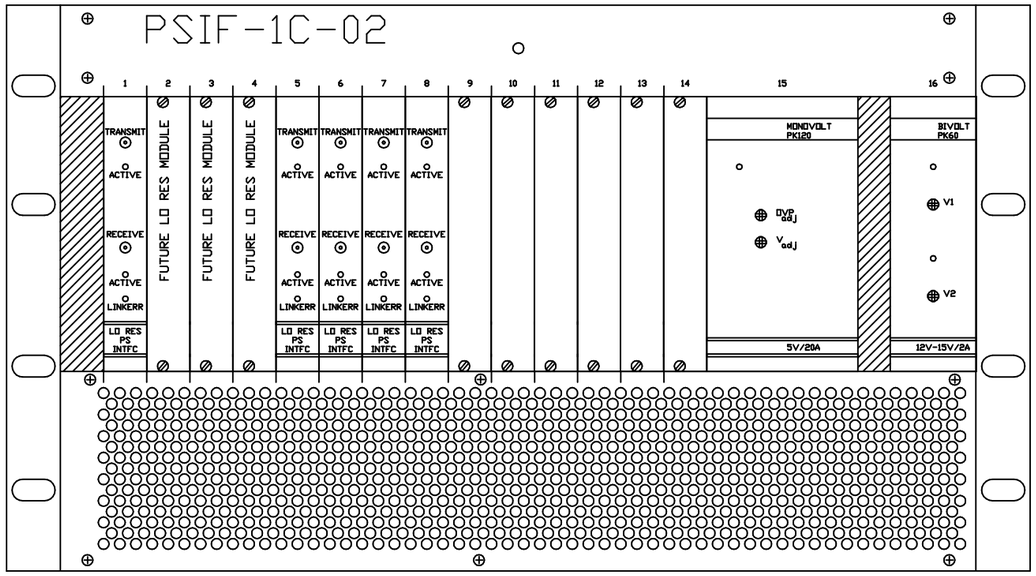
NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

-3	-2	-1	QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./PN NO.
			24	SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
			2	SLOT 1,5	3	LO RES PS INTERFACE TRANSITION MODULE	94028198
			2	SLOT 1,5	2	LO RES PS INTERFACE MODULE	94028191
			1	N/A	1	3U LO RES POWER SUPPLY INTERFACE CHASSIS	94028262

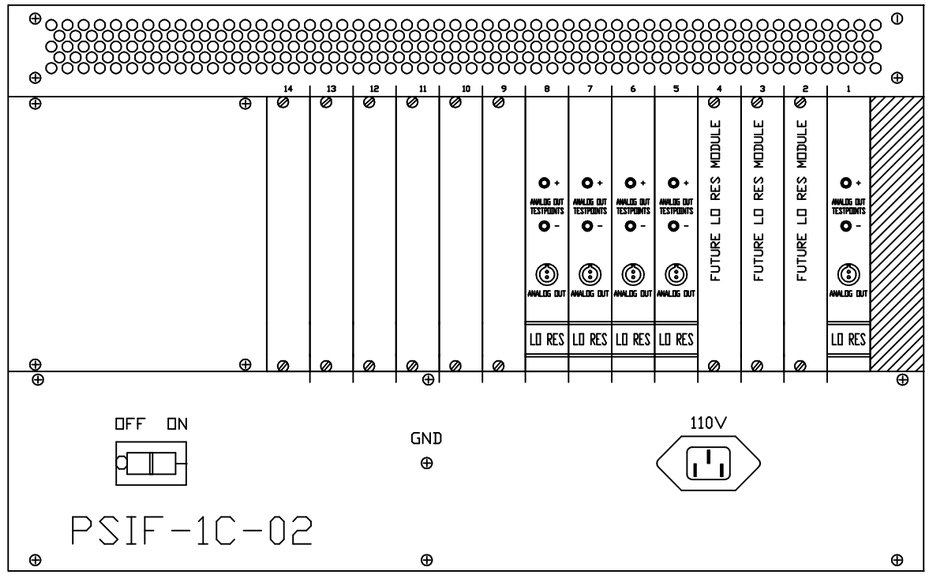
INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989	Q.A. CATEGORY A-3	DATE	BROOKHAVEN NATIONAL LABORATORY ASSOCIATED UNIVERSITIES, INC. UPTON, N.Y. 11973	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: Phil Pape	10/30/97	RHIC CONTROLS, ALCOVE 1001C	
DECIMAL TOLERANCES X ±.030 .XX ±.015 .XXX ±.005	CHECKED BY		RACK R01C01, LOW RES PWR SPLY INTERFACE	
ANGULAR TOLERANCE ± .5°	DESIGN APPROVAL		CHASSIS PSIF-1C-01 ASSY	
NA FINISH	ENGINEER APPROVAL: R. MICHNOFF	10/30/97	SIZE D	94028460 REV. A
BREAK SHARP EDGES MAX. XX MIN. XX	SUPVR. APPROVAL		NEXT ASSEMBLY	DRAWING NUMBER
OUTSTANDING ECN			MATERIAL: ———	SCALE: NA WEIGHT: – SHEET 1 OF 1

1 *AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



FRONT VIEW



REAR VIEW

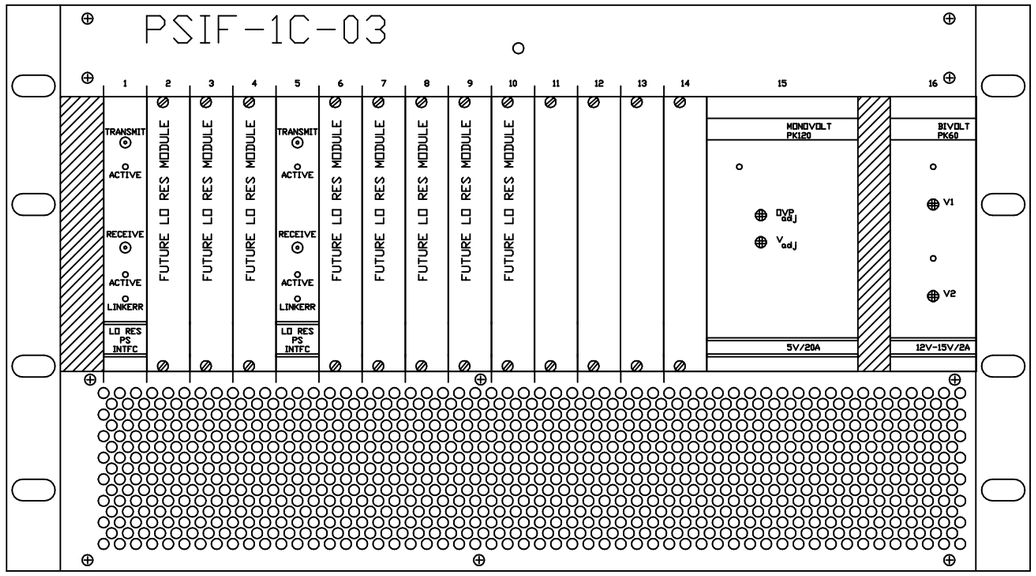
NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

-3	-2	-1	QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./PN NO.
			18	SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
			5	SLOT 1,5-8	3	LO RES PS INTERFACE TRANSITION MODULE	94028198
			5	SLOT 1,5-8	2	LO RES PS INTERFACE MODULE	94028191
			1	N/A	1	3U LO RES POWER SUPPLY INTERFACE CHASSIS	94028262

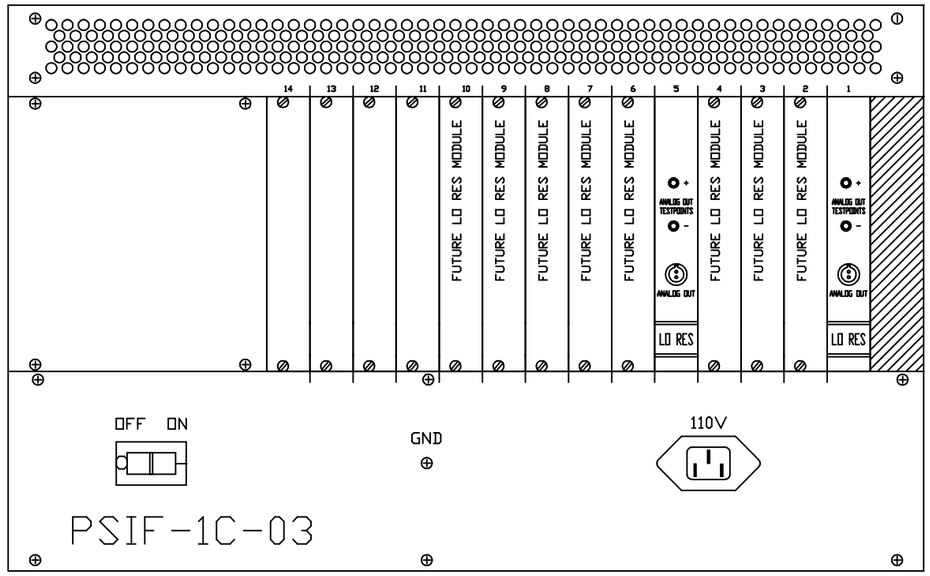
INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989	Q.A. CATEGORY A-3	DATE	BROOKHAVEN NATIONAL LABORATORY, ASSOCIATED UNIVERSITIES, INC., UPTON, N.Y. 11973
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: Phil Pape	10/30/97	RHIC CONTROLS, ALCOVE 1001C
DECIMAL TOLERANCES X ±.030, .XX ±.015, .XXX ±.005; ANGULAR TOLERANCE ± .5°	CHECKED BY		RACK R01C02, LOW RES PWR SPLY INTERFACE
	DESIGN APPROVAL		CHASSIS PSIF-1C-02 ASSY
	ENGINEER APPROVAL: R. MICHNOFF	10/30/97	
	SUPVR. APPROVAL		SIZE D; 94028461; REV. A
NA FINISH; BREAK SHARP EDGES MAX. XX MIN. XX	NEXT ASSEMBLY		DRAWING NUMBER
OUTSTANDING ECN			MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

-3	-2	-1	QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./PN NO.
			24	SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
			2	SLOT 1.5	3	LO RES PS INTERFACE TRANSITION MODULE	94028198
			2	SLOT 1.5	2	LO RES PS INTERFACE MODULE	94028191
			1	N/A	1	3U LO RES POWER SUPPLY INTERFACE CHASSIS	94028262

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE ± .5'

NA FINISH

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973

RHIC CONTROLS, ALCOVE 1001C

RACK R01C03, LOW RES PWR SPLY INTERFACE

CHASSIS PSIF-1C-03 ASSY

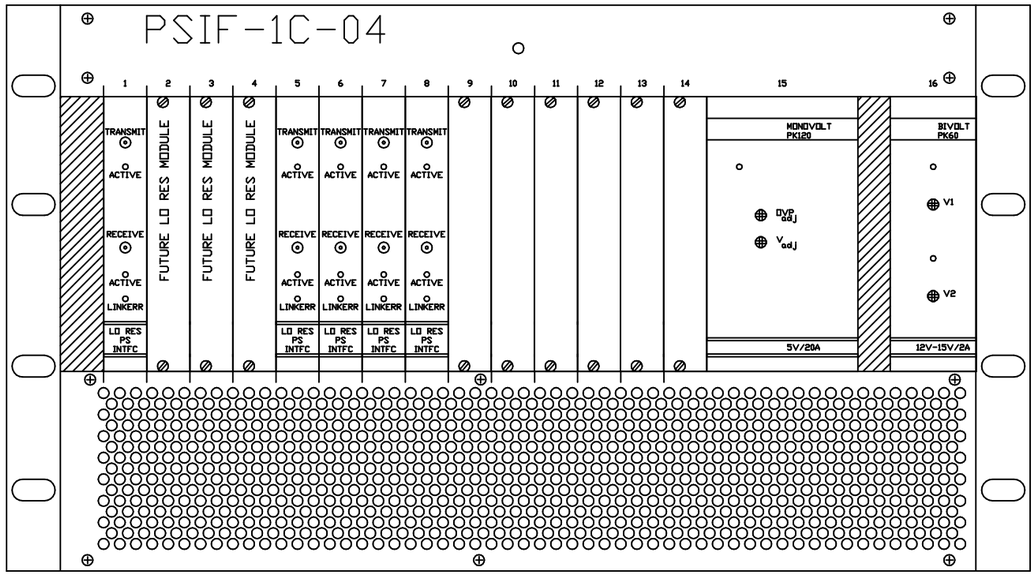
SIZE D — 94028462 — REV. A

DRAWING NUMBER

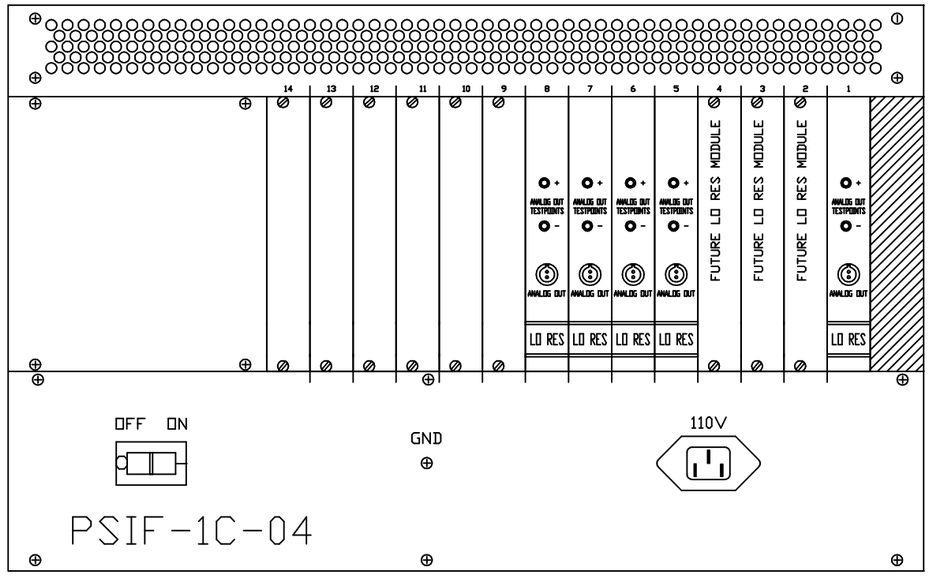
MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

-3	-2	-1	QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./PN NO.
		18		SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
		5		SLOT 1,5-8	3	LO RES PS INTERFACE TRANSITION MODULE	94028198
		5		SLOT 1,5-8	2	LO RES PS INTERFACE MODULE	94028191
		1		N/A	1	3U LO RES POWER SUPPLY INTERFACE CHASSIS	94028262

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE ± .5°

NA FINISH

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

		DATE
DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973

RHIC CONTROLS, ALCOVE 1001C

RACK R01C04, LOW RES PWR SPLY INTERFACE

CHASSIS PSIF-1C-04 ASSY

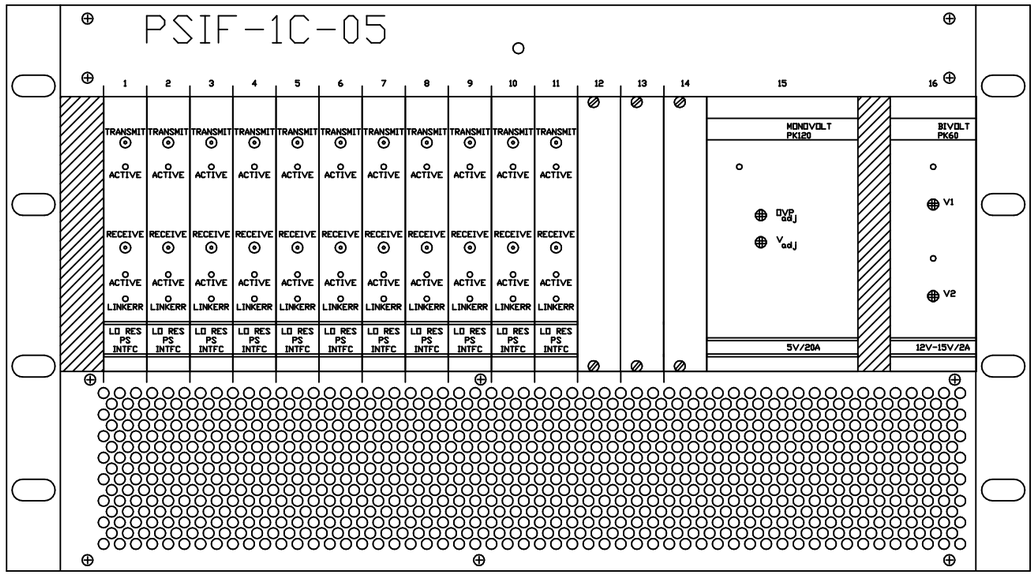
SIZE D | 94028463 | REV. A

DRAWING NUMBER

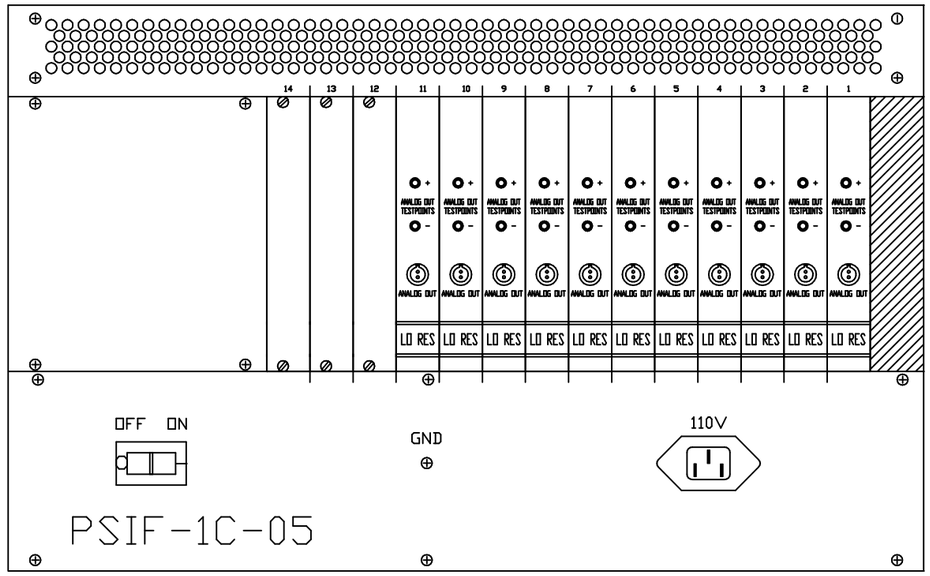
MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

-3	-2	-1	QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./PN NO.
		6	SEE NOTE 1		4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
		11	SLOT 1-11		3	LO RES PS INTERFACE TRANSITION MODULE	94028198
		11	SLOT 1-11		2	LO RES PS INTERFACE MODULE	94028191
		1	N/A		1	3U LO RES POWER SUPPLY INTERFACE CHASSIS	94028262

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE ± .5°

NA FINISH

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973

RHIC CONTROLS, ALCOVE 1001C

RACK R01C05, LOW RES PWR SPLY INTERFACE

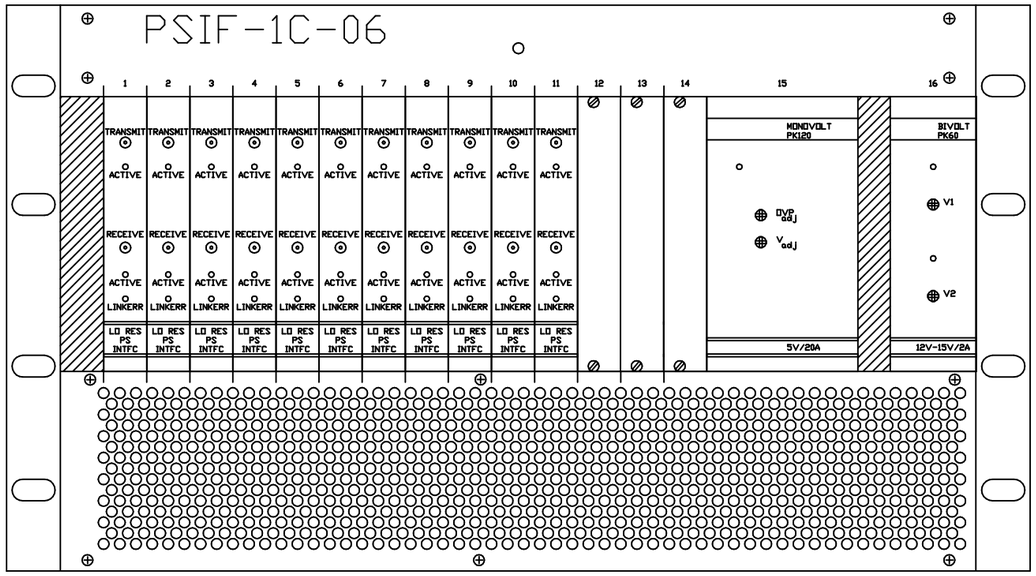
CHASSIS PSIF-1C-05 ASSY

SIZE D | 94028464 | REV. A

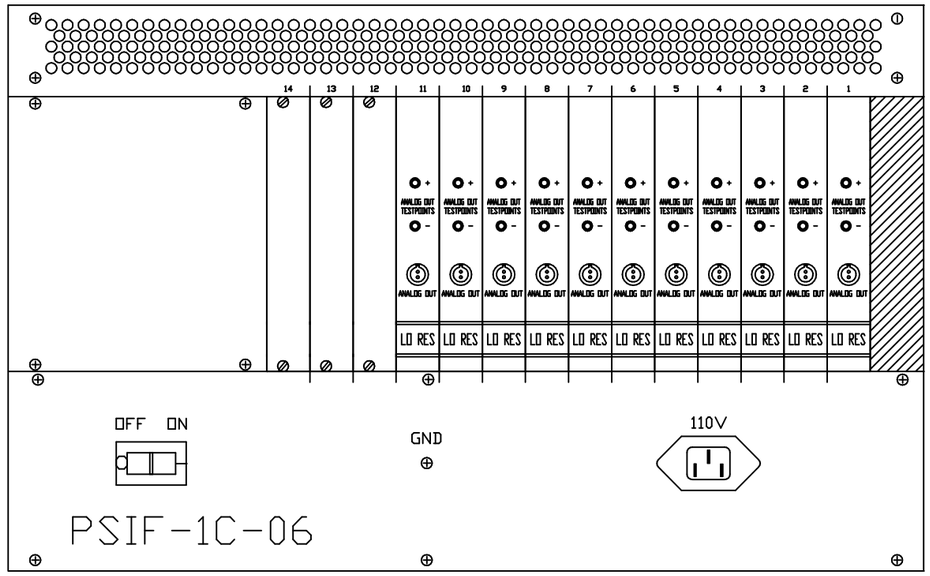
DRAWING NUMBER

MATERIAL: ——— SCALE: NA WEIGHT: — SHEET 1 OF 1

1 *AUTOCAD



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

-3	-2	-1 QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./PN NO.
		6	SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
		11	SLOT 1-11	3	LO RES PS INTERFACE TRANSITION MODULE	94028198
		11	SLOT 1-11	2	LO RES PS INTERFACE MODULE	94028191
		1	N/A	1	3U LO RES POWER SUPPLY INTERFACE CHASSIS	94028262

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE ± .5°

NA FINISH

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

		DATE
DRAWN BY	Phil Pape	10/30/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/30/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973

RHIC CONTROLS, ALCOVE 1001C

RACK R01C06, LOW RES PWR SPLY INTERFACE

CHASSIS PSIF-1C-06 ASSY

SIZE D — 94028465 — REV. A

DRAWING NUMBER

MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

*AUTOCAD