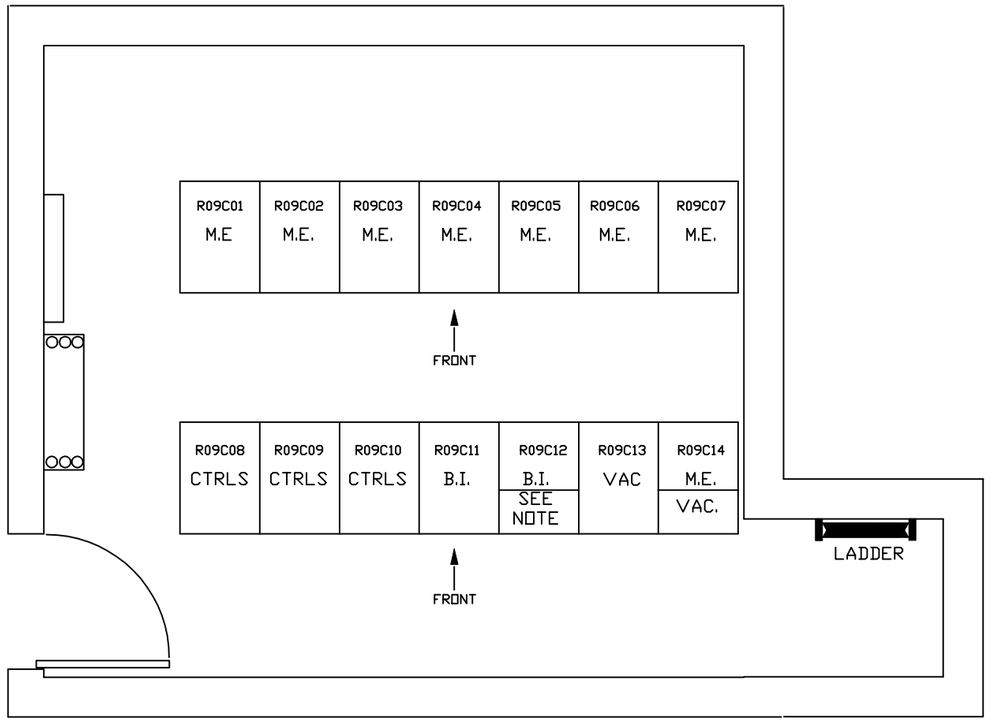
REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



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	R09C10	5	RACK R09C10 ASSEMBLY	94028702
		1	R09C09	4	RACK R09C09 ASSEMBLY	94028701
		1	R09C08	3	RACK R09C08 ASSEMBLY	94028700
		1		2	RACKS R09C01 - R09C07 ASSEMBLY	94028707
		1		1	RHIC CONTROLS BLDG. 1009C WIRING DIAGRAM	94028714

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	DATE
DRAWN BY	Ed Koropsak	3/19/97
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	3/19/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS

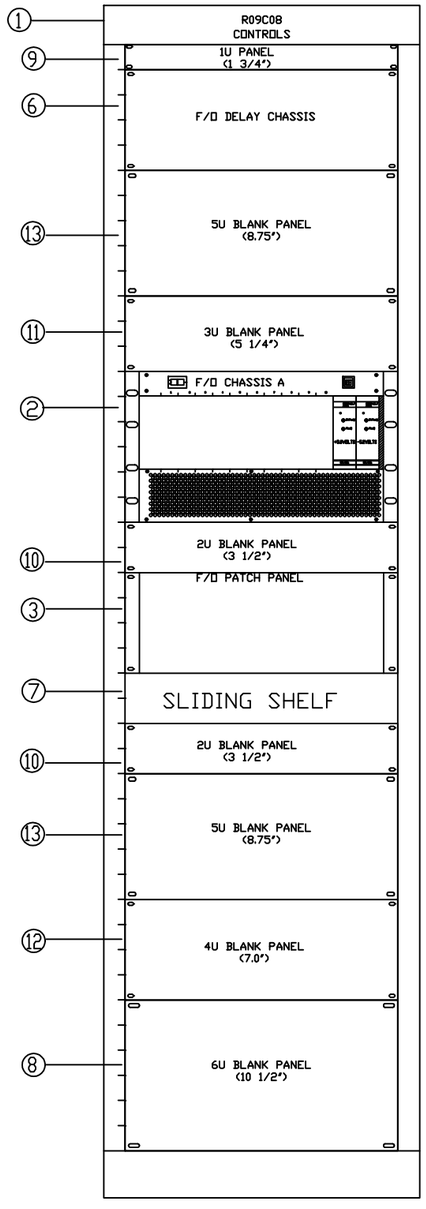
ALCOVE 1009C FLOOR PLAN

SIZE D | 94028699 DRAWING NUMBER | REV. A
MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

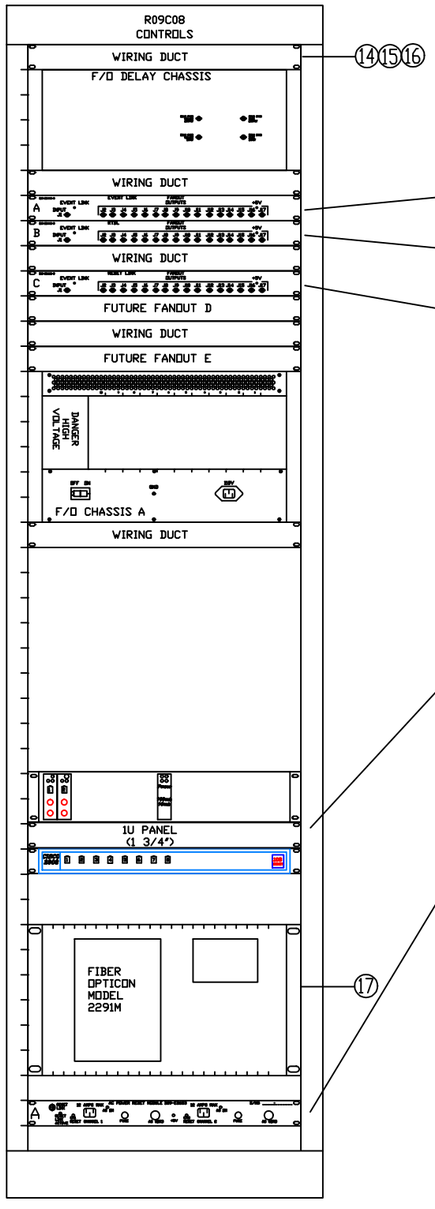
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

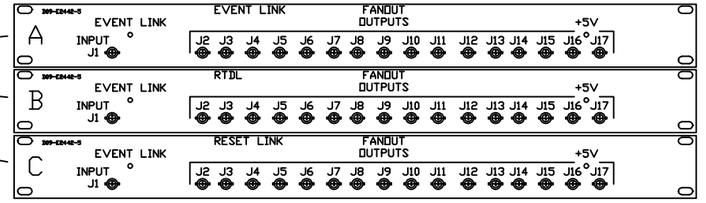
CONTROLS- 6/9/03 1:23 PM 8700.dwg

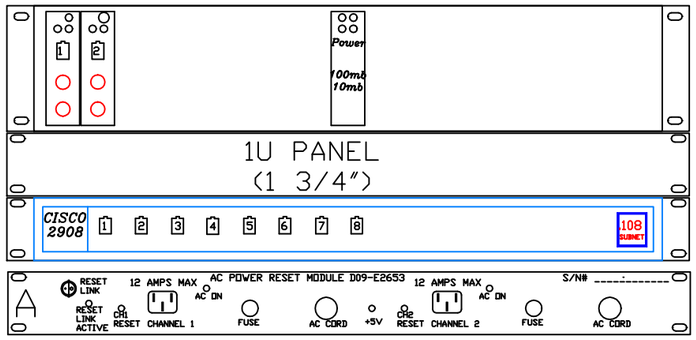


FRONT VIEW



REAR VIEW





		1	A	18	AC POWER RESET MODULE	D09-E2653
		1	N/A	17	FIBER OPTICON 2291M	X
		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
		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 REPEATER (CENTRECOM 3608)	X
		3	A,B,C	4	FANOUT ASSEMBLY	D09-E2442
		1	N/A	3	FIBER OPTIC PATCH PANEL	X
		1	N/A	2	F/O CHASSIS A	94028364
		1	N/A	1	19" RACK, 77"H RACK SPACE	X
-3	-2	-1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./INT. 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'

NA FINISH — BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

DRAWN BY	Venegas	8/13/99
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/27/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS
ALCOVE 1009C
RACK R09C08 ASSEMBLY

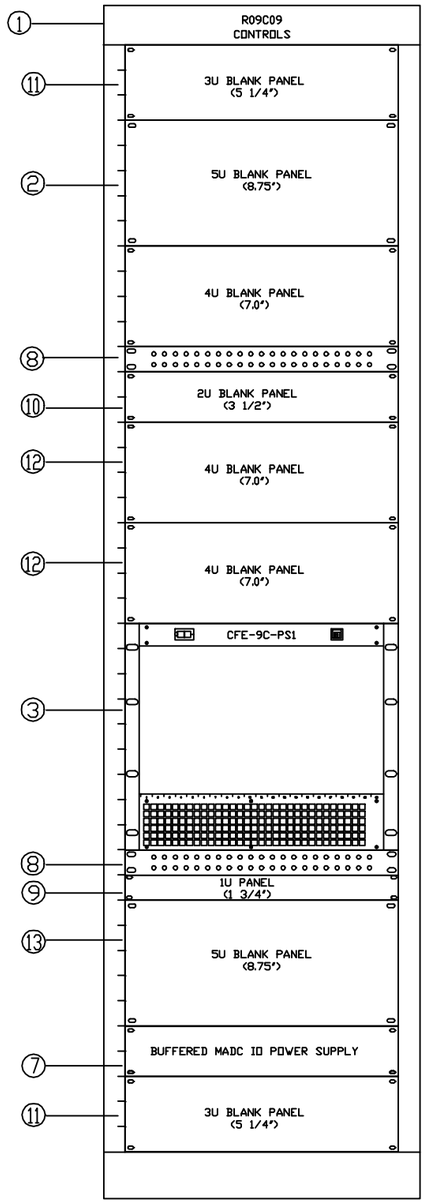
SIZE D — 94028700 — REV. A
DRAWING NUMBER

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

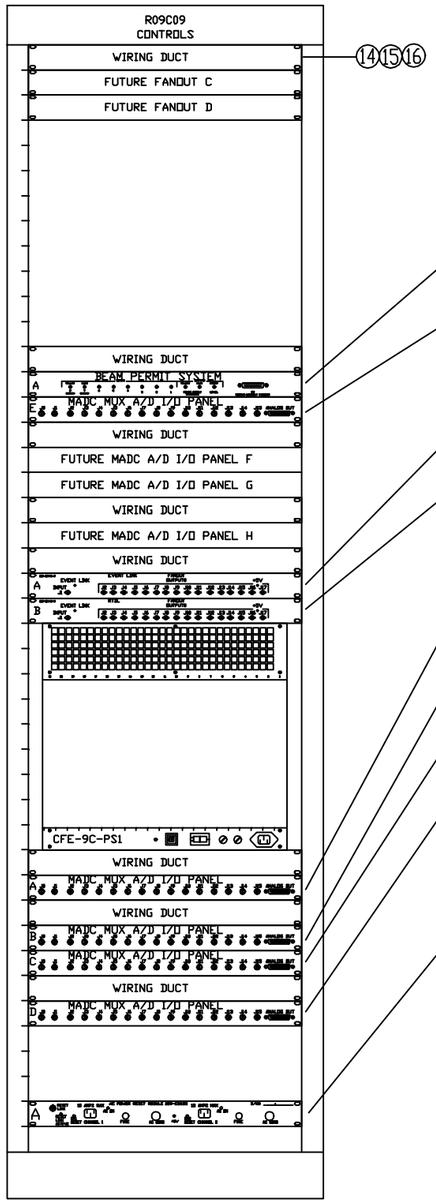
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

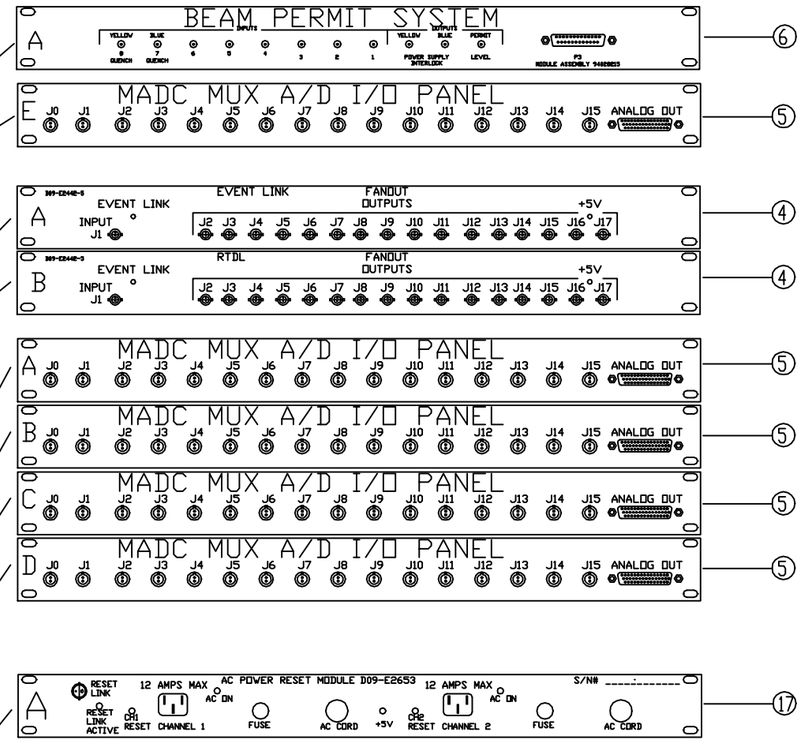
CONTROLS- 4/17/01 10:54 AM 8701.dwg



FRONT VIEW



REAR VIEW



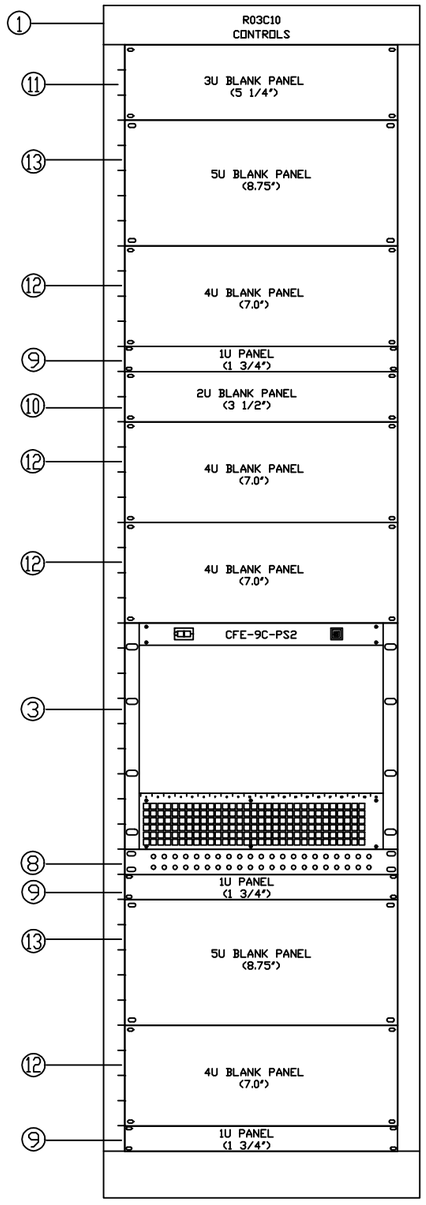
QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./INT. NO.
	1	17	AC POWER RESET MODULE	D09-E2653
	16	16	WIRING DUCT SNAP CLIPS 1.5"W (PANDUIT SNS1.5-C)	X
	8	15	WIRING DUCT COVER 1.5"W (PANDUIT C1.5LG6)	X
	8	14	WIRING DUCT 1.5"W x 4"D (PANDUIT E1.5X4LG6)	X
	2	13	5U x 19" BLANK PANEL (PREMIER METAL ARP-819-553)	X
	3	12	4U x 19" BLANK PANEL (PREMIER METAL ARP-719-553)	X
	2	11	3U x 19" BLANK PANEL (PREMIER METAL ARP-519-553)	X
	1	10	2U x 19" BLANK PANEL (PREMIER METAL ARP-319-553)	X
	1	9	1U x 19" BLANK PANEL (PREMIER METAL ARP-119-553)	X
	2	8	GROMMET PANEL	94028410
	1	7	BUFFERED MADC POWER SUPPLY	94028808
	1	6	BEAM PERMIT SYSTEM INTERFACE PANEL	94028215
	5	5	BUFFERED MADC A/D I/O PANEL	94028670
	2	4	FANOUT ASSEMBLY	D09-E2442
	1	3	VME CHASSIS CFE-3C-PS1 ASSY.	94028366
	0	2	VME CHASSIS CFE-3C-PS3 ASSY.(FUTURE)	94028365
	1	1	19" RACK, 77"H RACK SPACE	X

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989	Q.A. CATEGORY A-3	BROOKHAVEN NATIONAL LABORATORY
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY Venegas 8/13/99	UPTON, N.Y. 11973
DECIMAL TOLERANCES .X ±.030 .XX ±.015 .XXX ±.005 ANGULAR TOLERANCE ± .5°	CHECKED BY	RHIC CONTROLS
	DESIGN APPROVAL	ALCOVE 1009C
	ENGINEER APPROVAL R. MICHNOFF 7/17/97	RACK R09C09 ASSEMBLY
NA FINISH	SUPVR. APPROVAL	NEXT ASSEMBLY
BREAK SHARP EDGES MAX. XX MIN. XX	SIZE D	94028701 REV. A
OUTSTANDING ECN	DRAWING NUMBER	
MATERIAL: ———	SCALE: NA	WEIGHT: — SHEET 1 OF 1

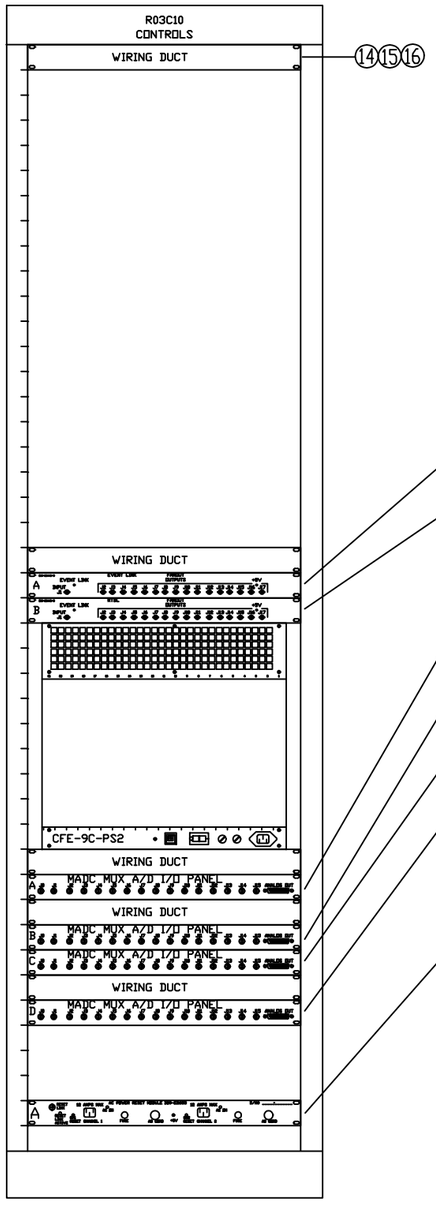
8 7 6 5 4 3 2 1 *AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

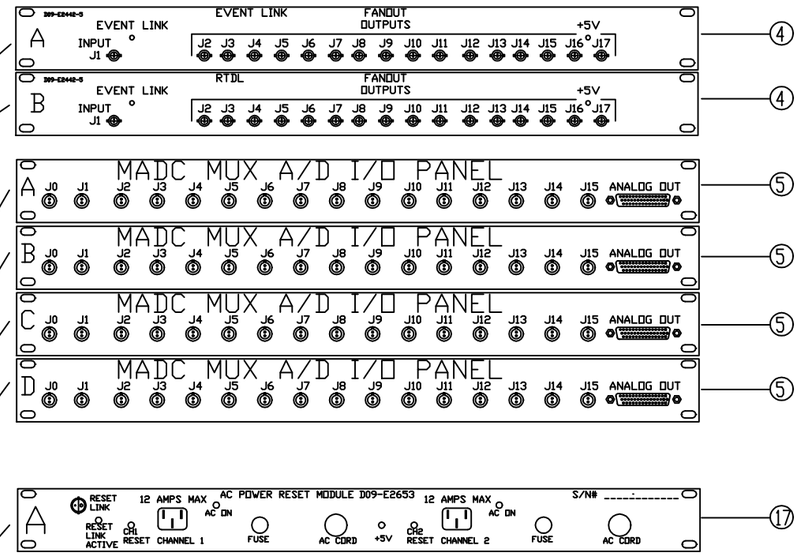
ACS, BNL 8/25/00 9:13 AM 8702.dwg



FRONT VIEW



REAR VIEW



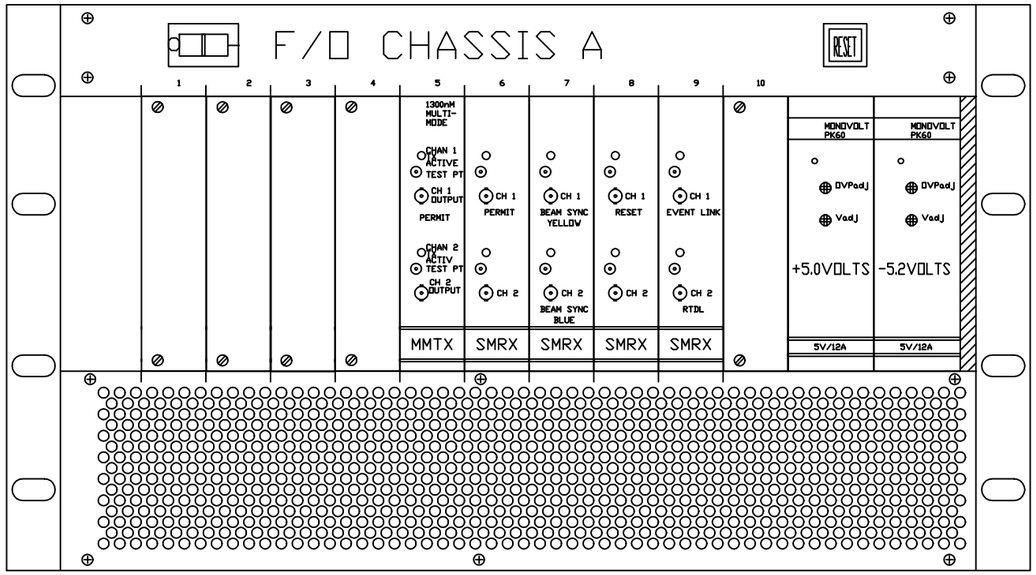
QTY REQD -3	QTY REQD -2	QTY REQD -1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
		1	N/A	17	AC POWER RESET MODULE	D09-E2653
		10	N/A	16	WIRING DUCT SNAP CLIPS 1.5"W (PANDUIT SNS1.5-C)	X
		5	N/A	15	WIRING DUCT COVER 1.5"W (PANDUIT C1.5LG6)	X
		5	N/A	14	WIRING DUCT 1.5"W x 4"D (PANDUIT E1.5X4LG6)	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-3C-PS2 ASSY.	94028367
		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	Q.A. CATEGORY A-3	DATE	BROOKHAVEN NATIONAL LABORATORY
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY Venegas	8/13/99	UPTON, N.Y. 11973
DECIMAL TOLERANCES .X ±.030 .XX ±.015 .XXX ±.005 ANGULAR TOLERANCE ± .5°	CHECKED BY		RHIC CONTROLS
	DESIGN APPROVAL		ALCOVE 1009C
	ENGINEER APPROVAL R. MICHNOFF	10/27/97	RACK R09C10 ASSEMBLY
	SUPVR. APPROVAL		SIZE D — 94028702 — REV. A
OUTSTANDING ECN	FINISH NA	BREAK SHARP EDGES MAX. XX MIN. XX	NEXT ASSEMBLY — DRAWING NUMBER
			MATERIAL: ——— SCALE: NA WEIGHT: – SHEET 1 OF 1

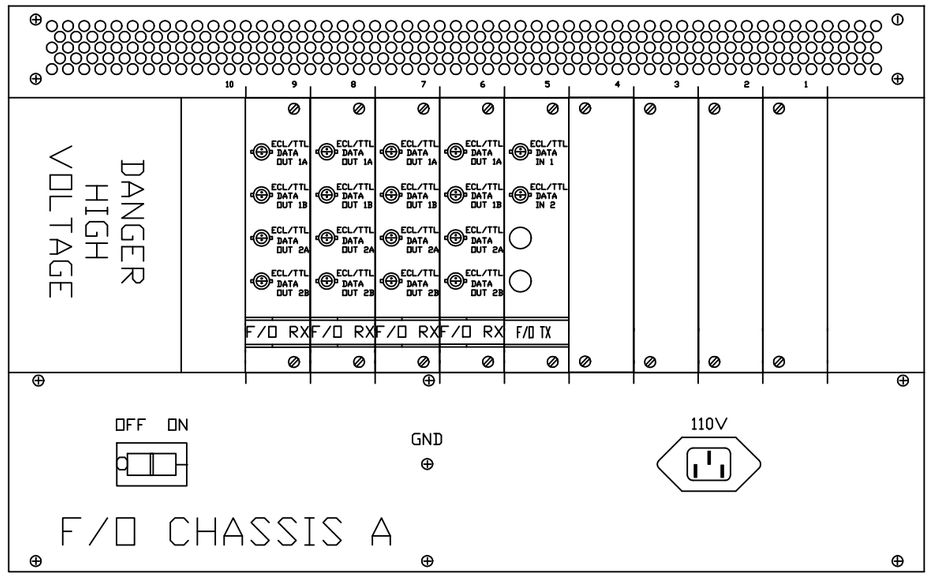
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

Controls 8/13/99 11:36 AM 8703.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 TRANSITION MODULE, ECL	D09-E2541-3
6	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	SLOT6,7,8,9	4	3U FIBER OPTIC RECEIVER MODULE, MULTIMODE/SINGLEMODE	94028101
1	SLOT 5	3	3U FIBER OPTIC TRANSMITTER TRANSITION MODULE, TTL	D09-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°

OUTSTANDING ECN

NA FINISH

BREAK SHARP EDGES
MAX. XX MIN. XX

Q.A. CATEGORY A-3

DRAWN BY	Venegas	8/13/99
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/20/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

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

RHIC CONTROLS

ALCOVE 1009C RACK R09C08

F/O CHASSIS A ASSY.

SIZE D

94028703

REV. A

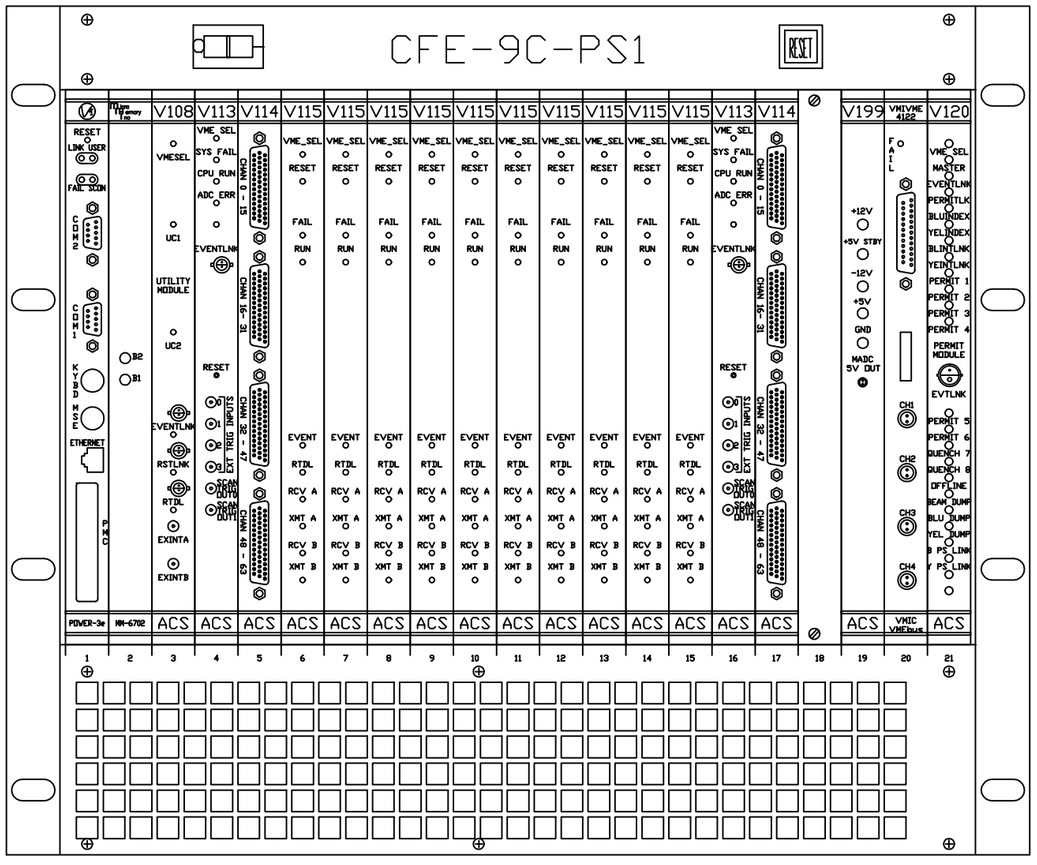
DRAWING NUMBER

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

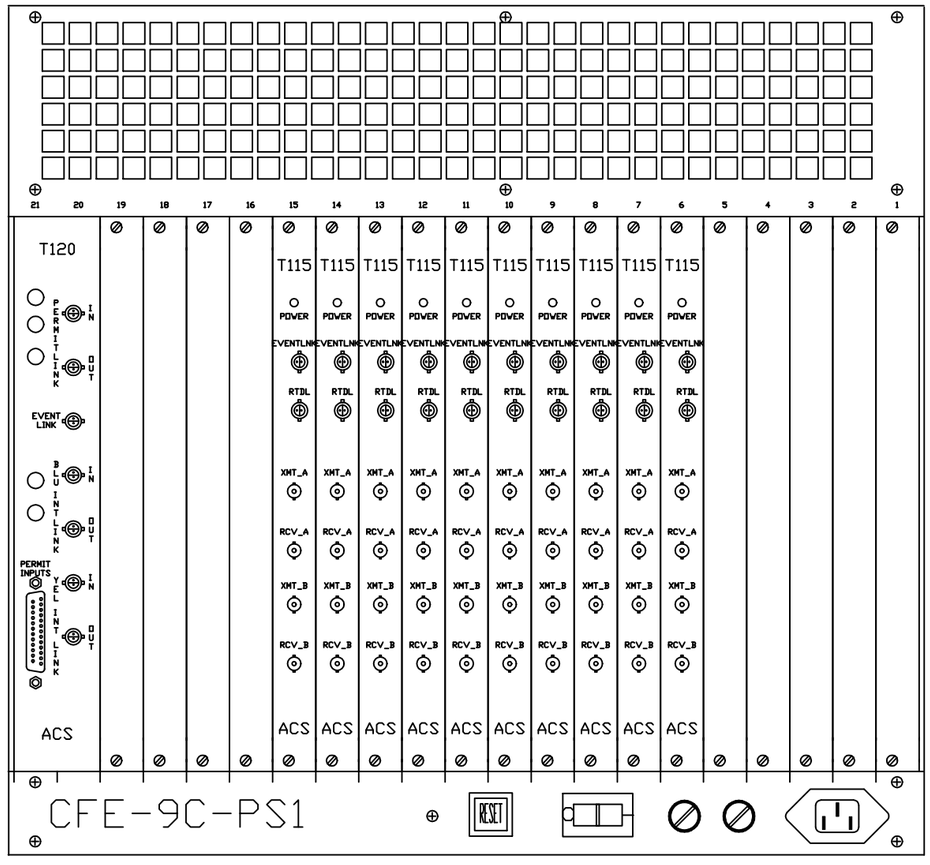
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

CONTROLS- 6/18/03 8:54 AM 8705.dwg



FRONT VIEW



REAR VIEW

NOTE:

1. ALL UNUSED SLOTS, FRONT AND REAR

QTY REQD -3	QTY REQD -2	QTY REQD -1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
		1	SLOT 19	13	V199 VOLTAGE MONITOR BD	XXXX
		1	SLOT 2	12	MM-6702 MEMORY MODULE (MICRO MEMORY)	
		1	SLOT 20	11	VMIVME 4122	94028793
		1	SLOT 21	10	T120	94028199-2
		1	SLOT 21	9	V120	94028077
		13	SEE NOTE 1	8	VME BLANK PANEL (ELECTRO-SPACE ESFE-2985)	
		10	SLOT 6-15	7	T115 WAVEFORM GENERATOR TRANSITION MODULE	94028126
		10	SLOT 6-15	6	V115 WAVEFORM GENERATOR MODULE	94028108
		2	SLOT 5,17	5	V114 MADC A/D CONVERTER MODULE	94028226
		2	SLOT 4,16	4	V113 MADC CONTROLLER MODULE	94028140
		1	SLOT 3	3	V108 UTILITY MODULE	94028094
		1	SLOT 1	2	FRONT END COMPUTER	POWER-3e
		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

		DATE
DRAWN BY	Venegas	8/13/99
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/27/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS
ALCOVE 1009C RACK R09C09
VME CHASSIS CFE-9C-PS1

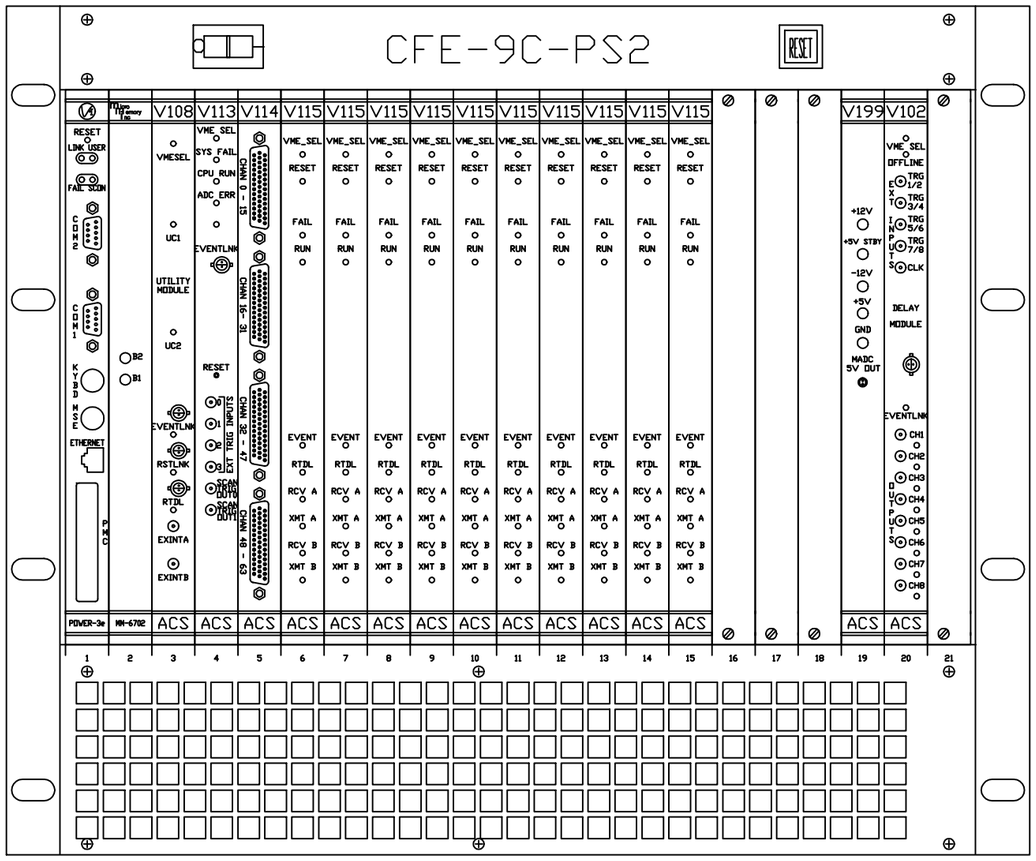
SIZE D | 94028705 DRAWING NUMBER | REV. A

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

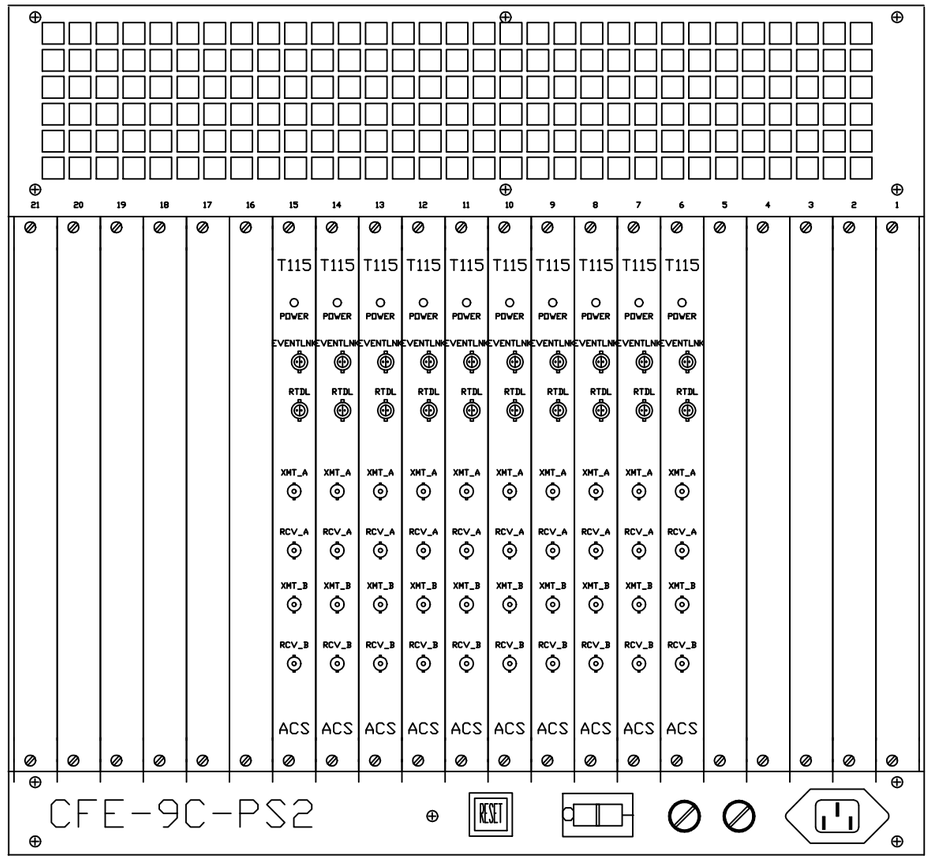
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

CONTROLS- 6/18/03 8:56 AM 8706.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		SLOT 19	12	V199 VOLTAGE MONITOR BD	XXXXXX
		1		SLOT 2	11	MM-6702 MEMORY MODULE (MICRO MEMORY)	
		1		SLOT 20	10	V102 DELAY MODULE	94028072
					9		
		15		SEE NOTE 1	8	VME BLANK PANEL (ELECTRO-SPACE ESFE-2985)	
		10		SLOT 6-15	7	T115 WAVEFORM GENERATOR TRANSITION MODULE	94028126
		10		SLOT 6-15	6	V115 WAVEFORM GENERATOR MODULE	94028108
		1		SLOT 5	5	V114 MADC A/D CONVERTER MODULE	94028226
		1		SLOT 4	4	V113 MADC CONTROLLER MODULE	94028140
		1		SLOT 3	3	V108 UTILITY MODULE	94028094
		1		SLOT 1	2	FRONT END COMPUTER	POWER-3e
		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	Venegas	8/13/99
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	10/27/97
SUPVR. APPROVAL		

NEXT ASSEMBLY

DATE

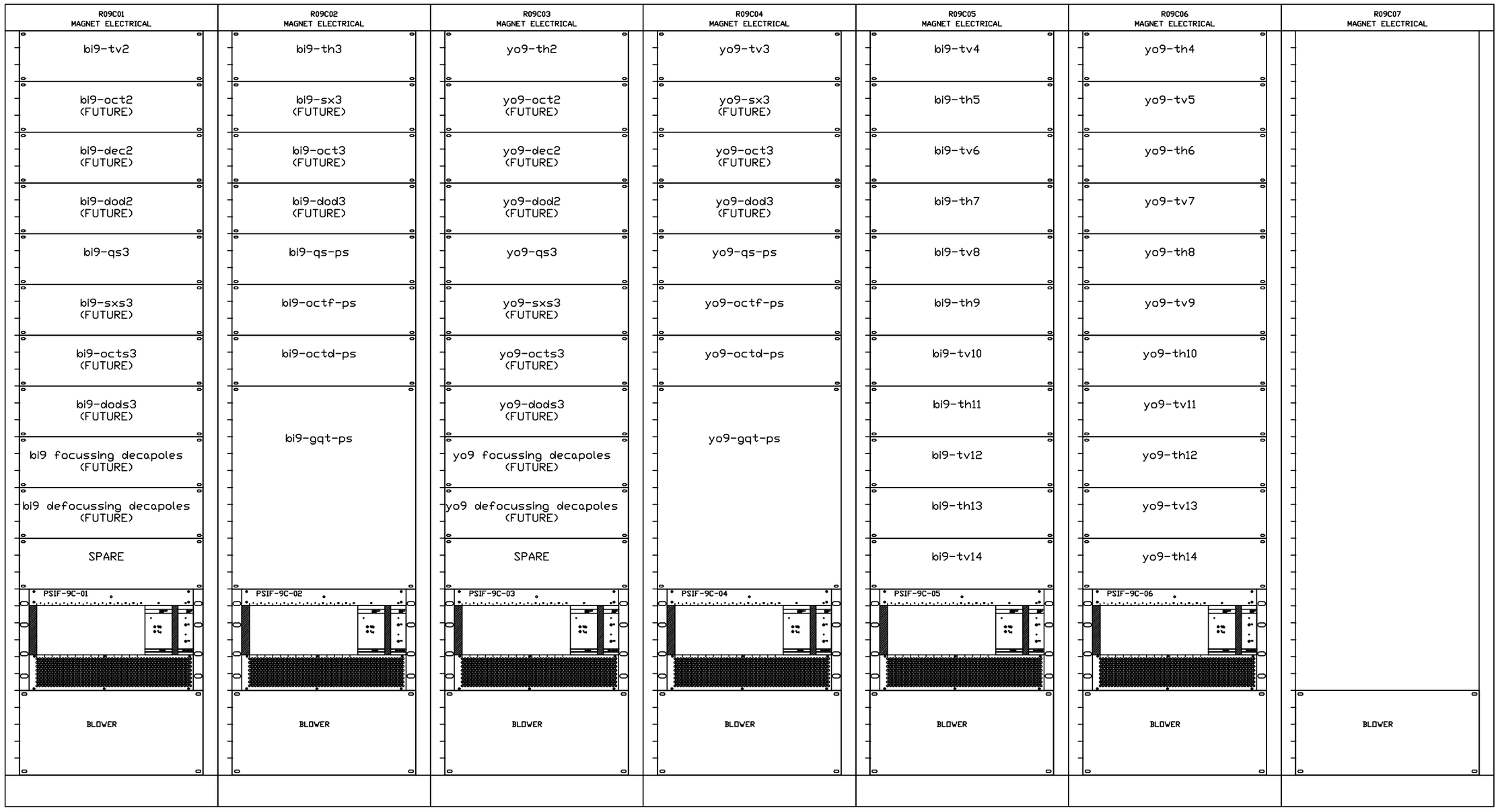
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS
ALCOVE 1009C RACK R09C10
VME CHASSIS CFE-9C-PS2

SIZE D | DRAWING NUMBER 94028706 | REV. A

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-9C-06 ASSY.	94028713
1		5	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-9C-05 ASSY.	94028712
1		4	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-9C-04 ASSY.	94028711
1		3	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-9C-03 ASSY.	94028710
1		2	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-9C-02 ASSY.	94028709
1		1	LOW RESOLUTION POWER SUPPLY INTERFACE CHASSIS PSIF-9C-01 ASSY.	94028708

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

FINISH: NA ✓

BREAK SHARP EDGES
MAX. XX MIN. XX

Q.A. CATEGORY	A-3	DATE
DRAWN BY	Ed Koropsak	3/19/98
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	3/19/98
SUPVR. APPROVAL		
NEXT ASSEMBLY		

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS
ALCOVE 1009C

RACKS R09C01-R09C07 ASSEMBLY

SIZE: D
94028707
REV.: A
DRAWING NUMBER

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

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

R09C07
MAGNET ELECTRICAL

R09C06
MAGNET ELECTRICAL

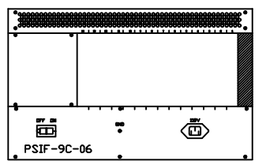
R09C05
MAGNET ELECTRICAL

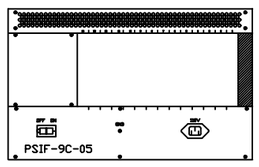
R09C04
MAGNET ELECTRICAL

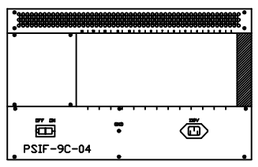
R09C03
MAGNET ELECTRICAL

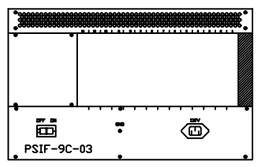
R09C02
MAGNET ELECTRICAL

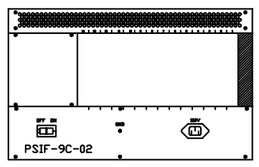
R09C01
MAGNET ELECTRICAL

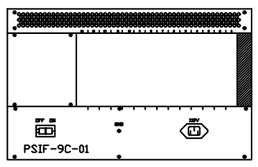












REAR VIEW

-3	-2	-1	QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL 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	Ed Koropsak	3/19/98
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	3/19/98
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

RHIC CONTROLS

ALCOVE 1009C

RACKS R09C01–R09C07 ASSEMBLY

SIZE D

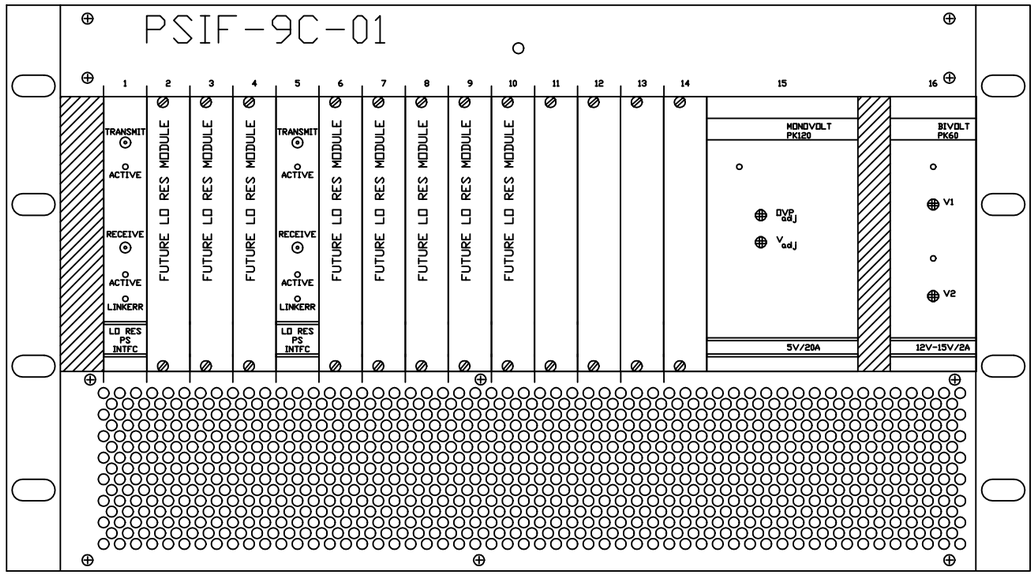
94028707

REV. A

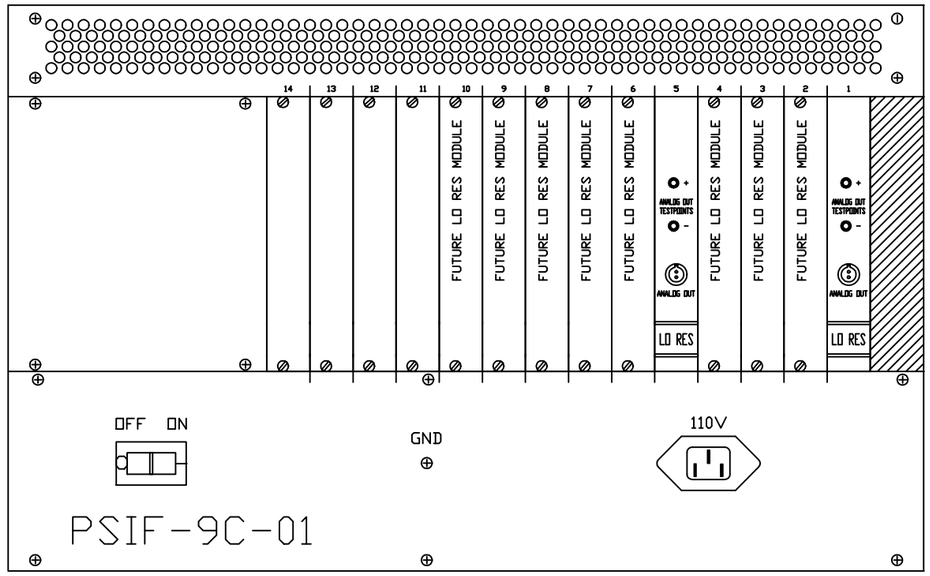
DRAWING NUMBER

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

*AUTOCAD



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

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

FINISH: NA

BREAK SHARP EDGES MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

DRAWN BY	Ed Koropsak	3/19/98
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	3/19/98
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

RHIC CONTROLS, ALCOVE 1009C

RACK R09C01, LOW RES PWR SPLY INTERFACE

CHASSIS PSIF-9C-01 ASSY

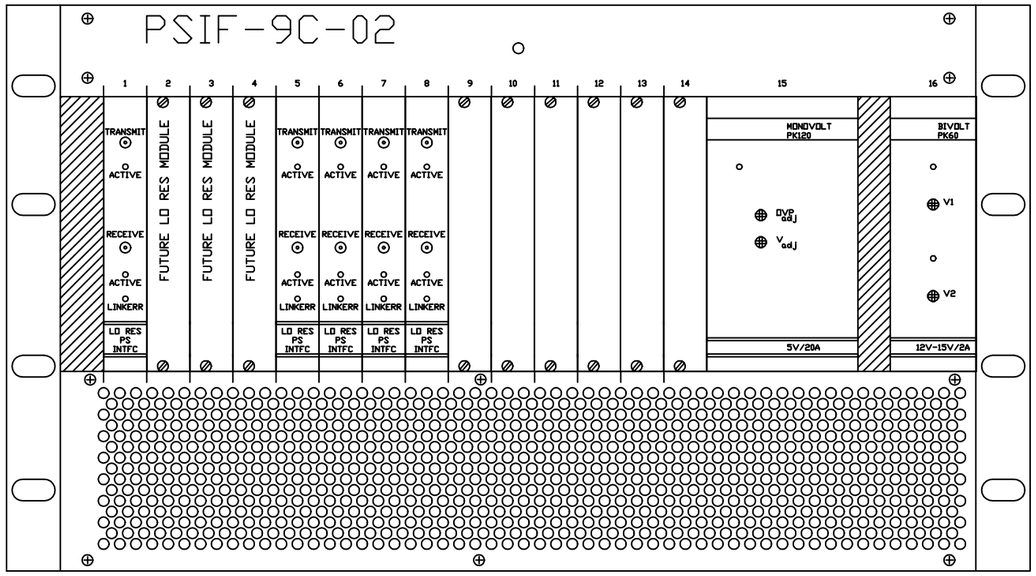
SIZE D | 94028708 | REV. A

DRAWING NUMBER

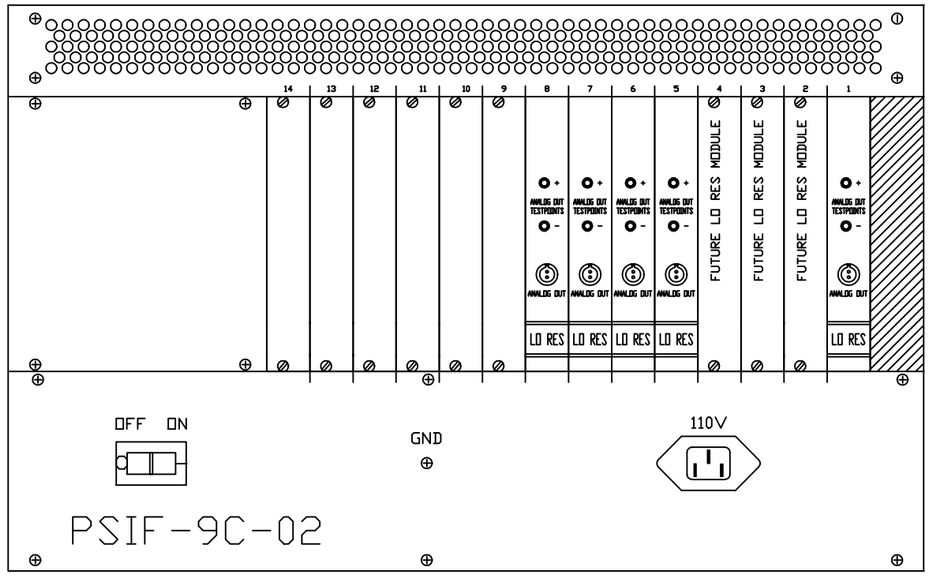
MATERIAL: ——— SCALE: NA WEIGHT: — SHEET 1 OF 1

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

QTY REQD -3	QTY REQD -2	QTY REQD -1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./DWG NO.
		18	SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
		5	SLOT 1,5-8	3	LD RES PS INTERFACE TRANSITION MODULE	94028198
		5	SLOT 1,5-8	2	LD RES PS INTERFACE MODULE	94028191
		1	N/A	1	3U LD 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	Ed Koropsak	3/19/98
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	3/19/98
SUPVR. APPROVAL		

NEXT ASSEMBLY

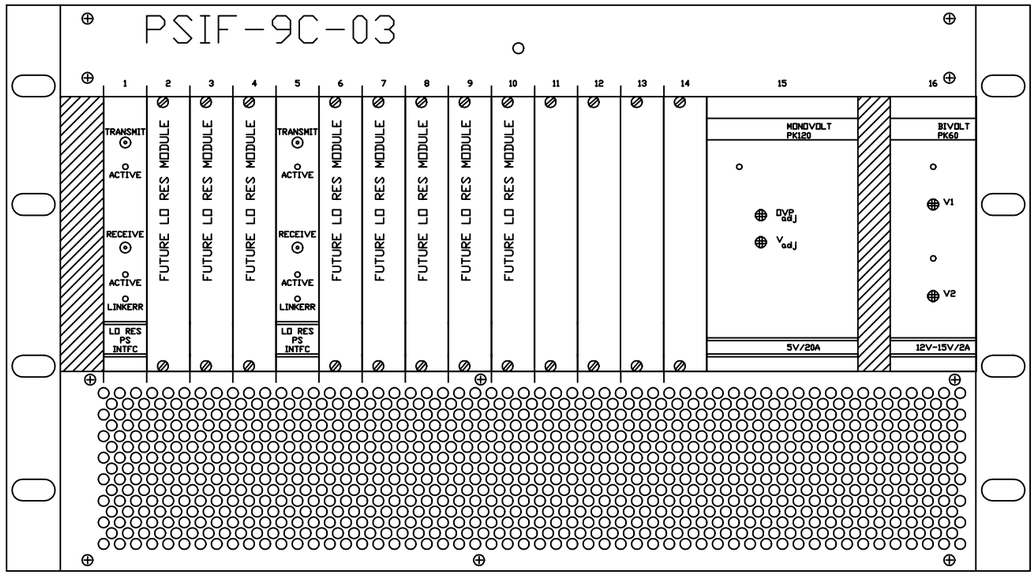
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

RHIC CONTROLS, ALCOVE 1009C
RACK R09C02, LOW RES PWR SPLY INTERFACE
CHASSIS PSIF-9C-02 ASSY

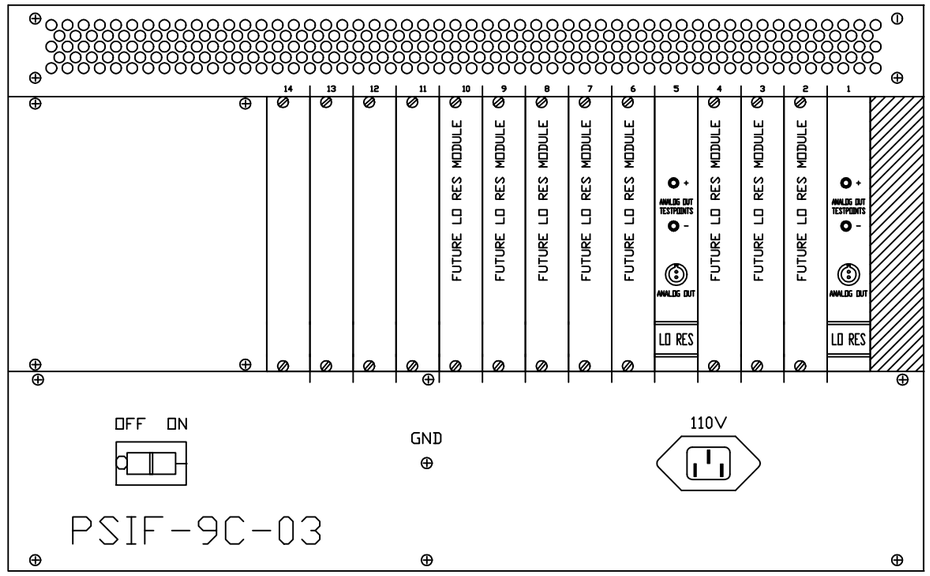
SIZE D | 94028709 | REV. A
DRAWING NUMBER

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

*AUTOCAD



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

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

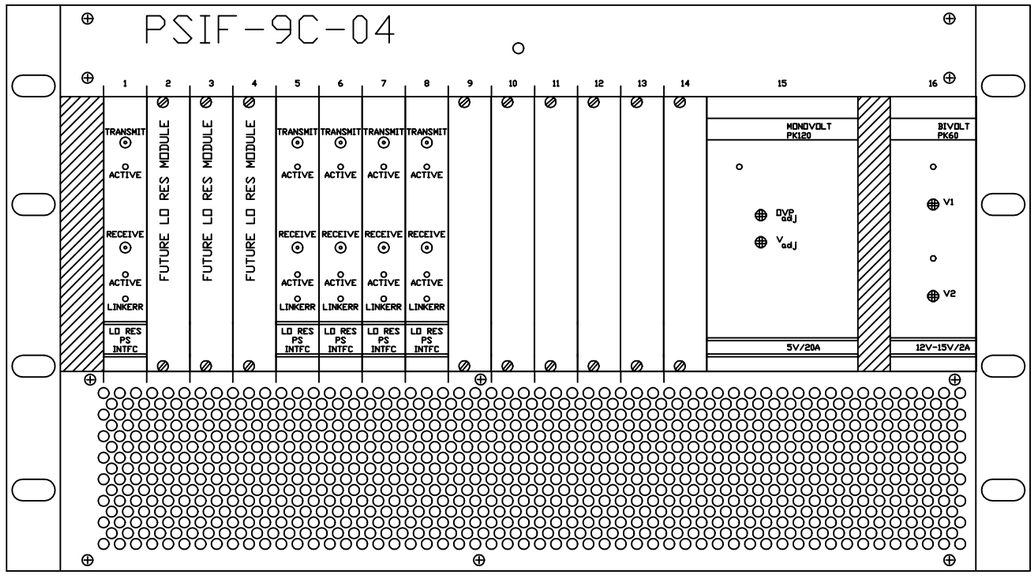
Q.A. CATEGORY A-3
DRAWN BY Ed Koropsak 3/19/98
CHECKED BY
DESIGN APPROVAL
ENGINEER APPROVAL R. MICHNOFF 3/19/98
SUPVR. APPROVAL
NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973
RHIC CONTROLS, ALCOVE 1009C
RACK R09C03, LOW RES PWR SPLY INTERFACE
CHASSIS PSIF-9C-03 ASSY

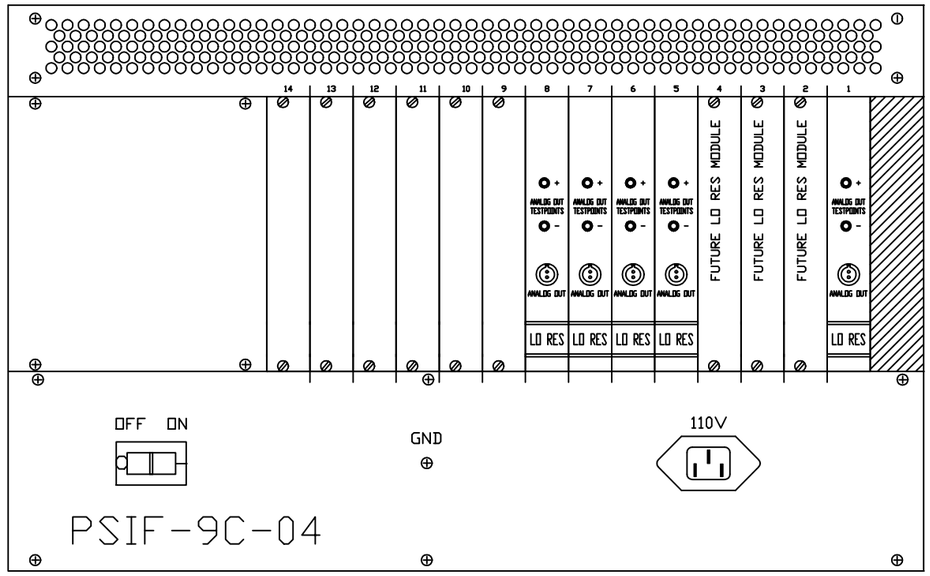
SIZE D
94028710
DRAWING NUMBER
REV. A
MATERIAL: ———
SCALE: NA
WEIGHT: –
SHEET 1 OF 1

*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

QTY REQD -3	QTY REQD -2	QTY REQD -1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./DWG NO.
		18	SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
		5	SLOT 1,5-8	3	LD RES PS INTERFACE TRANSITION MODULE	94028198
		5	SLOT 1,5-8	2	LD RES PS INTERFACE MODULE	94028191
		1	N/A	1	3U LD 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	Ed Koropsak	3/19/98
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	3/19/98
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

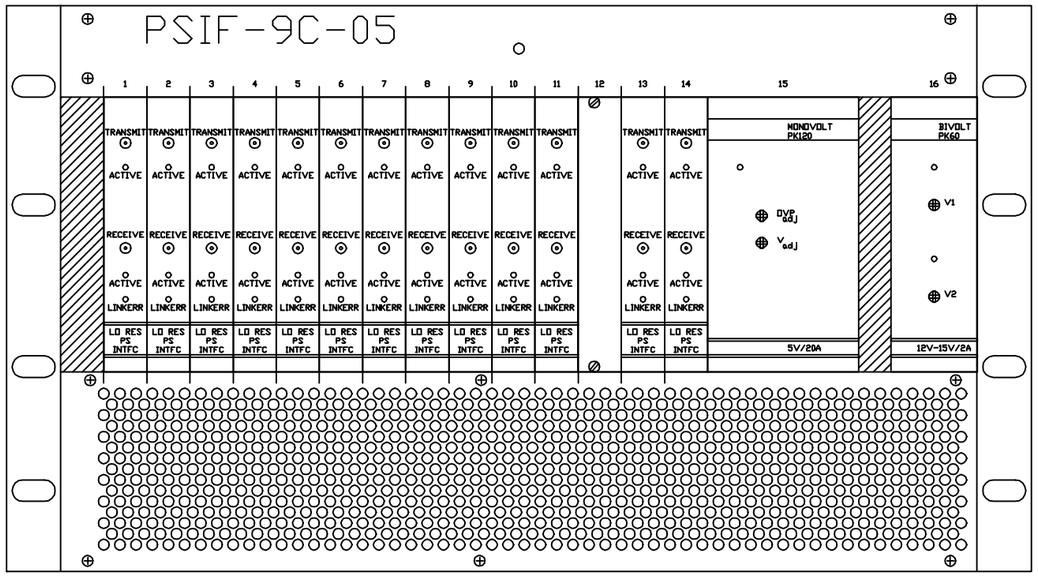
RHIC CONTROLS, ALCOVE 1009C
RACK R09C04, LOW RES PWR SPLY INTERFACE
CHASSIS PSIF-9C-04 ASSY

SIZE D | 94028711 | REV. A
DRAWING NUMBER
MATERIAL: ——— SCALE: NA WEIGHT: — SHEET 1 OF 1

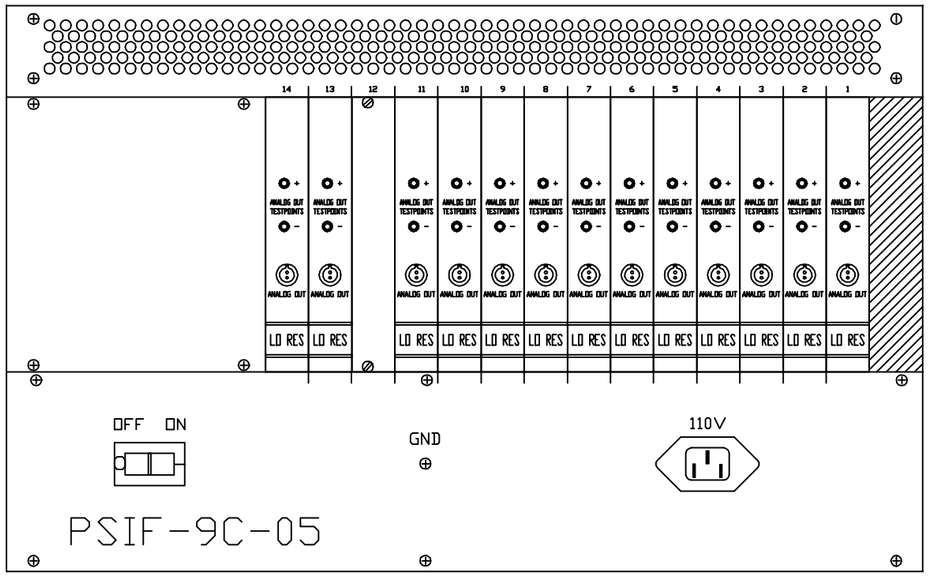
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

ACS, BNL 12/13/99 3:04 PM 8712.dwg



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

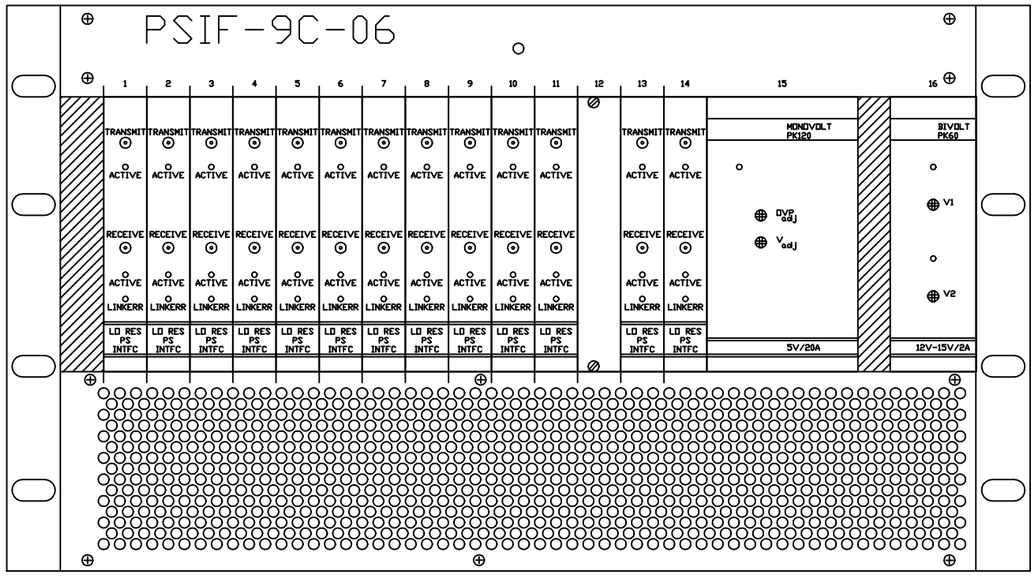
-3 QTY REQD	-2 QTY REQD	-1 QTY REQD	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MATL DWG NO./ENG NO.
		6	SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
		13	SL1-11,13,14	3	LD RES PS INTERFACE TRANSITION MODULE	94028198
		13	SL1-11,12,14	2	LD RES PS INTERFACE MODULE	94028191
		1	N/A	1	3U LD RES POWER SUPPLY INTERFACE CHASSIS	94028262

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	Ed Koropsak	3/19/98	UPTON, N.Y. 11973
DECIMAL TOLERANCES .X ±.030 .XX ±.015 .XXX ±.005 ANGULAR TOLERANCE ± .5'	CHECKED BY			RHIC CONTROLS, ALCOVE 1009C
	DESIGN APPROVAL			RACK R09C05, LOW RES PWR SPLY INTERFACE
	ENGINEER APPROVAL	R. MICHNOFF	3/19/98	CHASSIS PSIF-9C-05 ASSY
	SUPVR. APPROVAL			SIZE D — 94028712 — 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

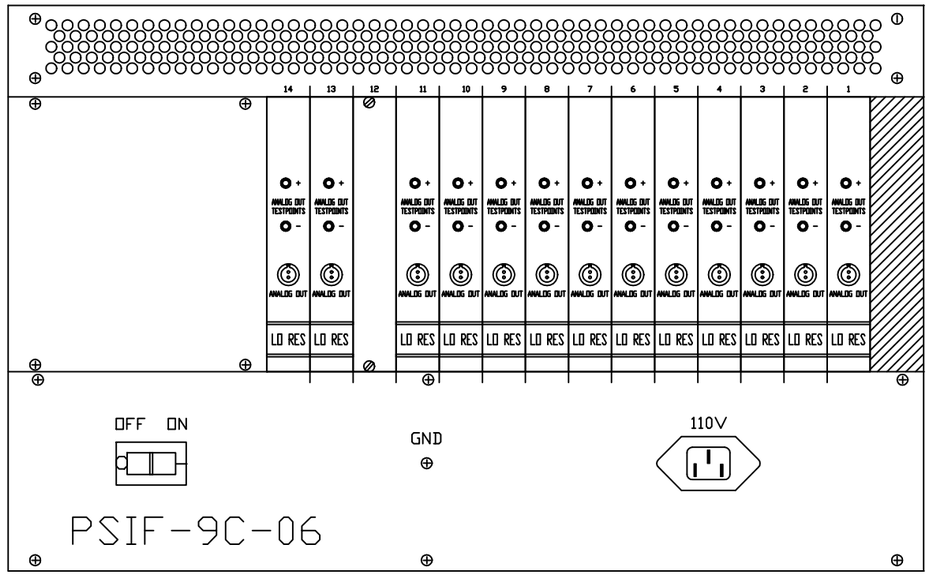
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

ACS, BNL 8/25/00 9:27 AM 8713.dwg



FRONT VIEW



REAR VIEW

NOTES:
1. ALL UNUSED SLOTS FRONT AND REAR

QTY REQD -3	QTY REQD -2	QTY REQD -1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO./BNL NO.
		2	SEE NOTE 1	4	3U x 4HP BLANK PANEL (ELECTRO-SPACE ESFE-3549)	
		13	SL1-11,13,14	3	LD RES PS INTERFACE TRANSITION MODULE	94028198
		13	SL1-11,13,14	2	LD RES PS INTERFACE MODULE	94028191
		1	N/A	1	3U LD RES POWER SUPPLY INTERFACE CHASSIS	94028262

	INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989	Q.A. CATEGORY A-3	DATE	BROOKHAVEN NATIONAL LABORATORY
		DRAWN BY Ed Koropsak	3/19/98	UPTON, N.Y. 11973
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CHECKED BY		RHIC CONTROLS, ALCOVE 1009C
	DECIMAL TOLERANCES X ±.030 .XX ±.015 .XXX ±.005	DESIGN APPROVAL		RACK R09C06, LOW RES PWR SPLY INTERFACE
	ANGULAR TOLERANCE ± .5°	ENGINEER APPROVAL R. MICHNOFF	3/19/98	CHASSIS PSIF-9C-06 ASSY
		SUPVR. APPROVAL		SIZE D — 94028713 — 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