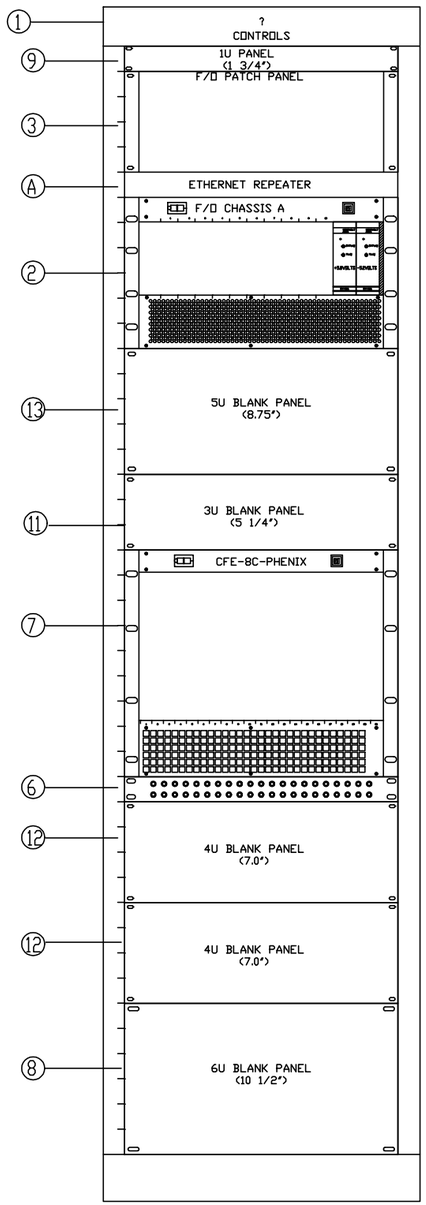
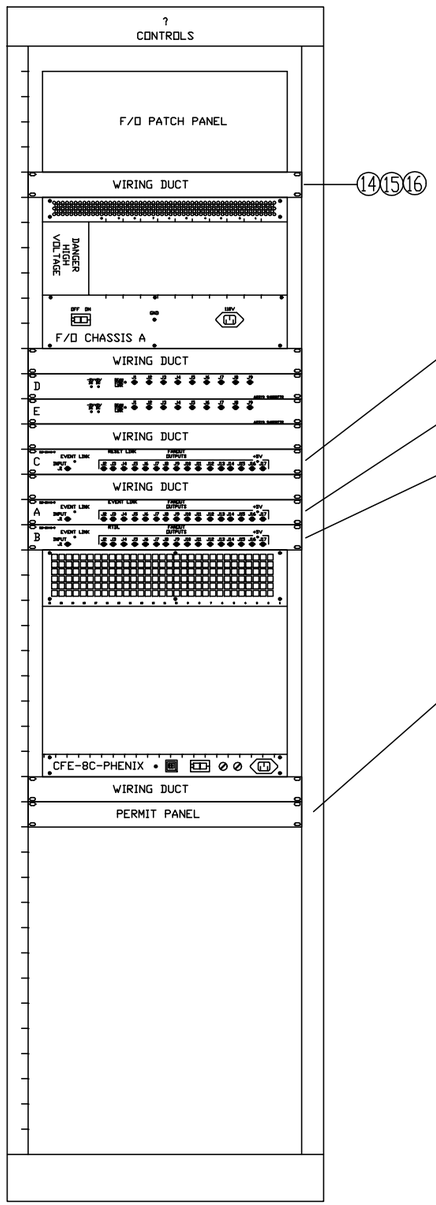
REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

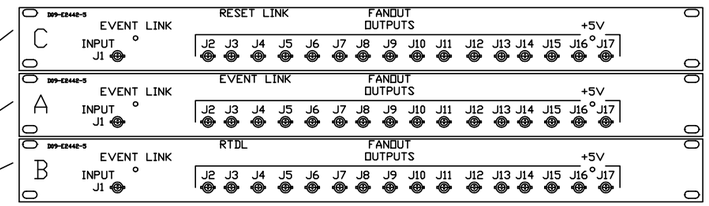
Controls 7/27/99 2:25 PM PHENIX_RACK.dwg

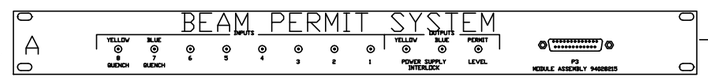


FRONT VIEW



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	18	PERMIT I/O PANEL	94028215
		AR	PANELS	17	10-32 x 1/2" BINDING HEAD MACHINE SCREWS	T-32276
		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
		1	N/A	13	5U x 19" BLANK PANEL (PREMIER METAL ARP-819-553)	X
		2	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
		-	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
		1	N/A	8	6U x 19" BLANK PANEL (PREMIER METAL ARP-1019-553)	X
		1	N/A	7	VME CHASSIS CFE-8C-PHENIX	94028xxx
		1	N/A	6	GROMMET PANEL	X
		1	A	5	ETHERNET REPEATER	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	94028xxx
		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°

OUTSTANDING ECN

NA FINISH

BREAK SHARP EDGES
MAX. XX MIN. XX

Q.A. CATEGORY A-3

		DATE
DRAWN BY	VENEGAS	7/27/99
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	1/11/99
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

RHIC CONTROLS

PHENIX RACK BLDG 1008C

RACK ? ASSEMBLY

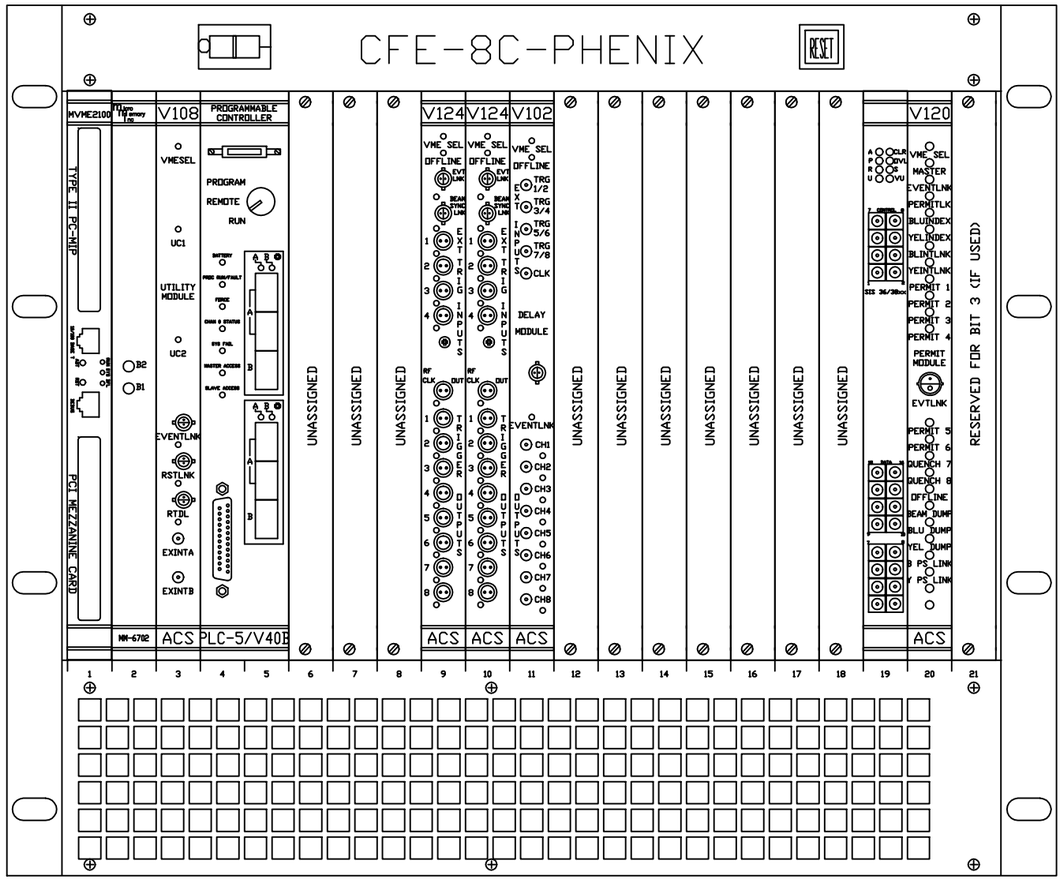
SIZE D | DRAWING NUMBER 94028xxx | REV. A

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

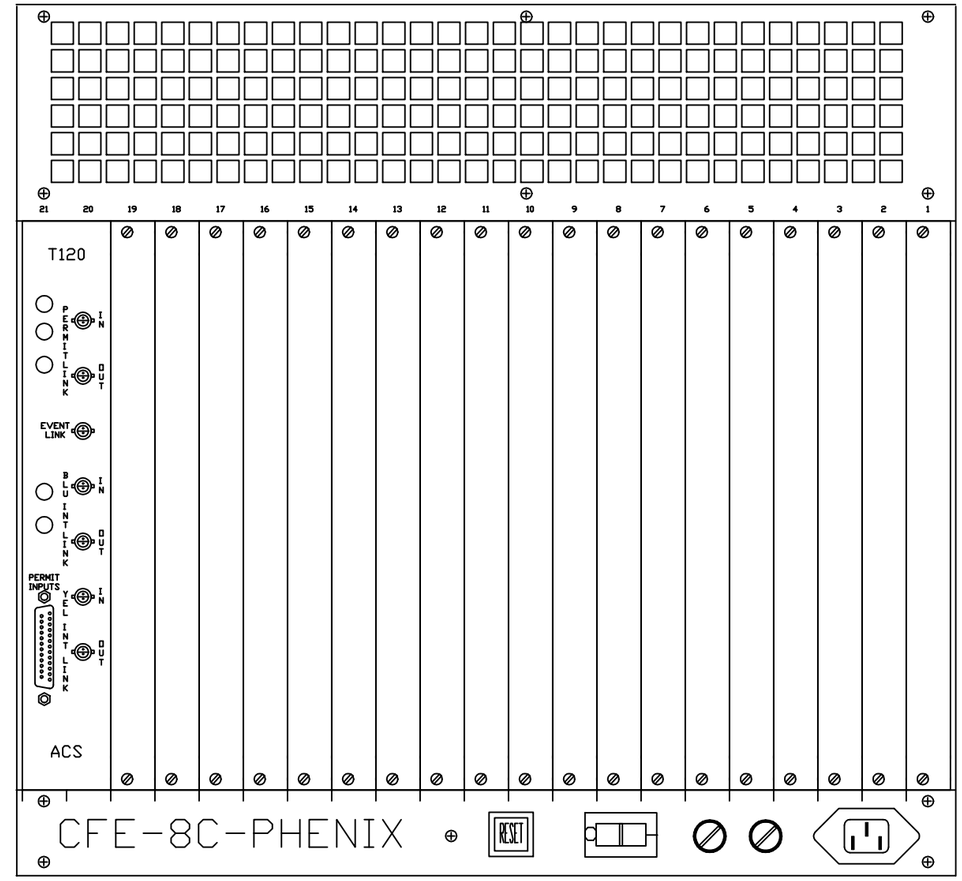
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

C-A, BNL 7/20/01 9:03 AM 8C_Phenix.dwg



FRONT 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 2	11	MEMORY BOARD	MM 6702
		-	SEE NOTE 1	10	VME BLANK PANELS (ELECTRO-SPACE ESFE-2985)	X
		1	SLOT 19	9	ZDC SCALER	X
		2	SLOT 9,10	8	V124 BEAM SYNC TRIGGER MODULE	94028432
		1	SLOT 20,21	7	T120 PERMIT SYSTEM TRANSITION MODULE	94028199-2
		1	SLOT 20	6	V120 PERMIT SYSTEM MODULE	94028077
		1	SLOT 4,5	5	PROGRAMABLE CONTROLLER	PLC-5/V40B
		1	SLOT 3	4	V108 UTILITY MODULE	94028094
		1	SLOT 11	3	V102 EVENT DELAY MODULE	94028070
		1	SLOT 1	2	FRONT END COMPUTER	MVME 2100
		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	7/27/99
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	1/11/99
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

RHIC CONTROLS WIRING DIAGRAM

BLDG. 1008C

VME CHASSIS CFE-8C-PHENIX

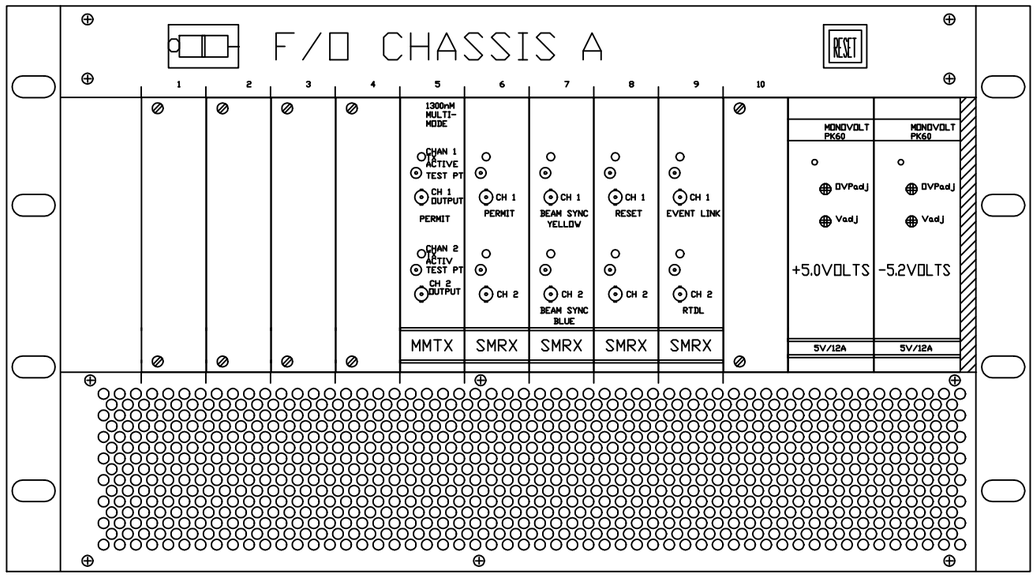
SIZE D | DRAWING NUMBER 94028XXX | REV. A

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

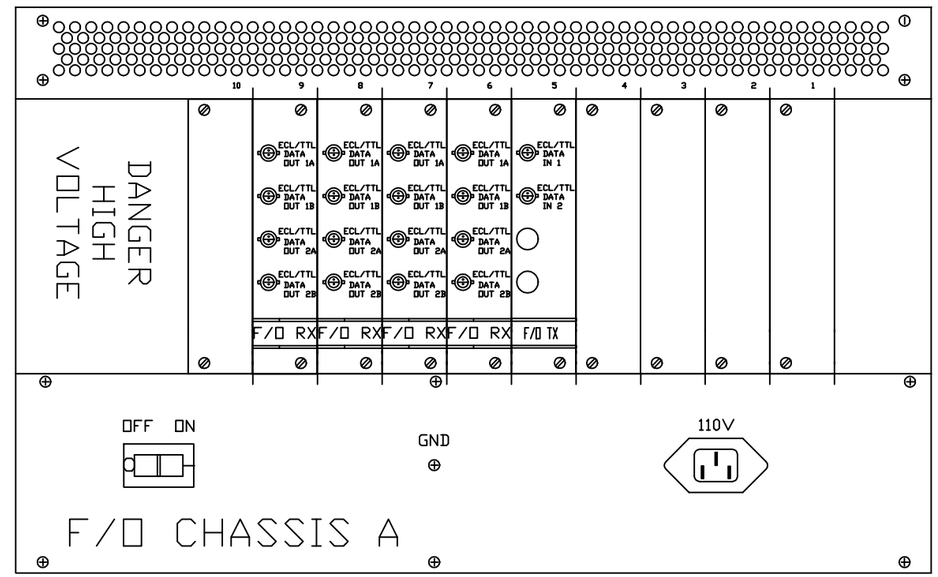
1 *AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

ACS, BNL 1/13/99 5:28 PM FO_CHASSIS.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	SLOT 7	7	3U FIBER OPTIC RECEIVER TRANSITION MODULE, ECL	D09-E2541-3
		14	ALL UNUSED	6	3U x 6HP BLANK PANEL (ELECTRO-SPACE ESFE-3032)	X
		3	SLOT 6,8,9	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	94028168
		1	SLOT 5	2	3U MULTIMODE FIBER OPTIC TRANSMITTER	94028261
		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		DATE
DRAWN BY	Ed Koropsak	1/11/99
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL	R. MICHNOFF	1/11/99
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

RHIC CONTROLS

STAR RACK R08Cxx

F/O CHASSIS A ASSY.

SIZE D | DRAWING NUMBER 94028xxx | REV. A

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

*AUTOCAD