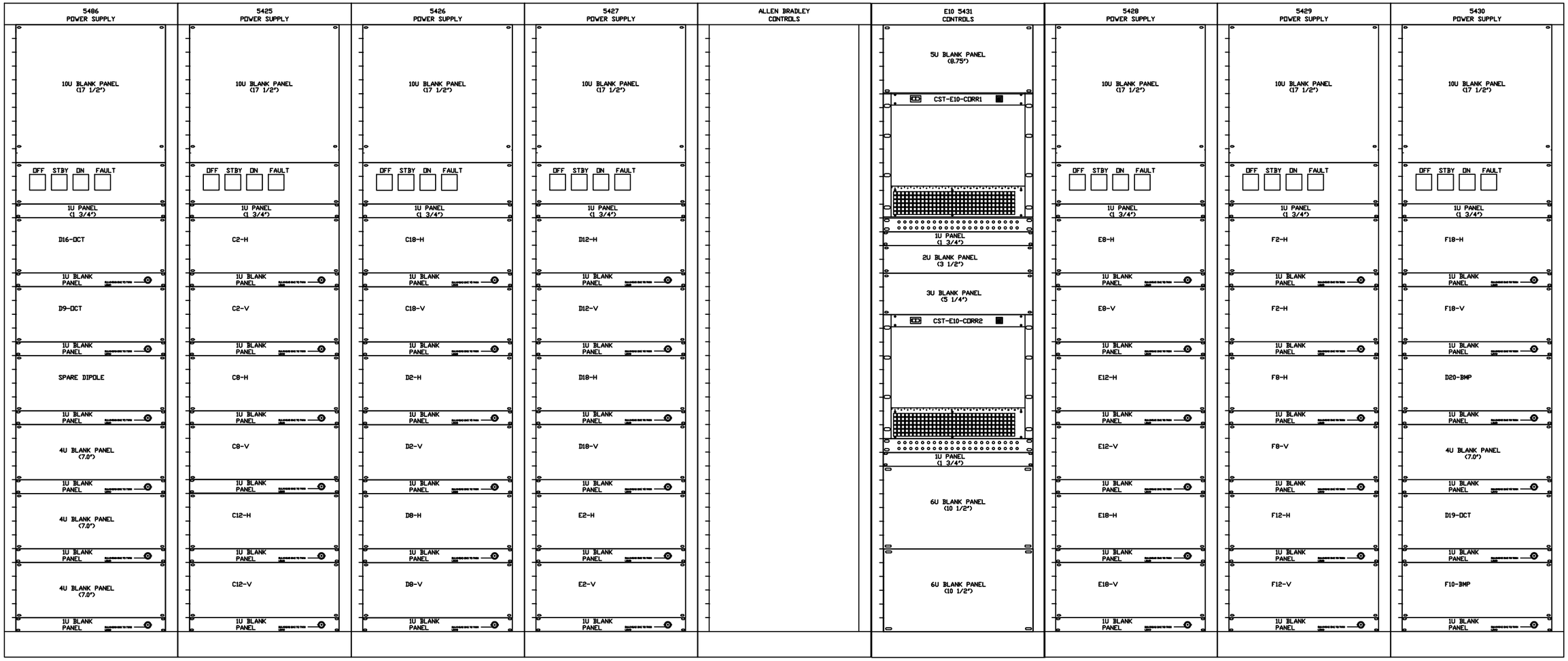
REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

C-A Controls, Brookhaven National Laboratory 5/12/00 8:56 AM racksE10.dwg



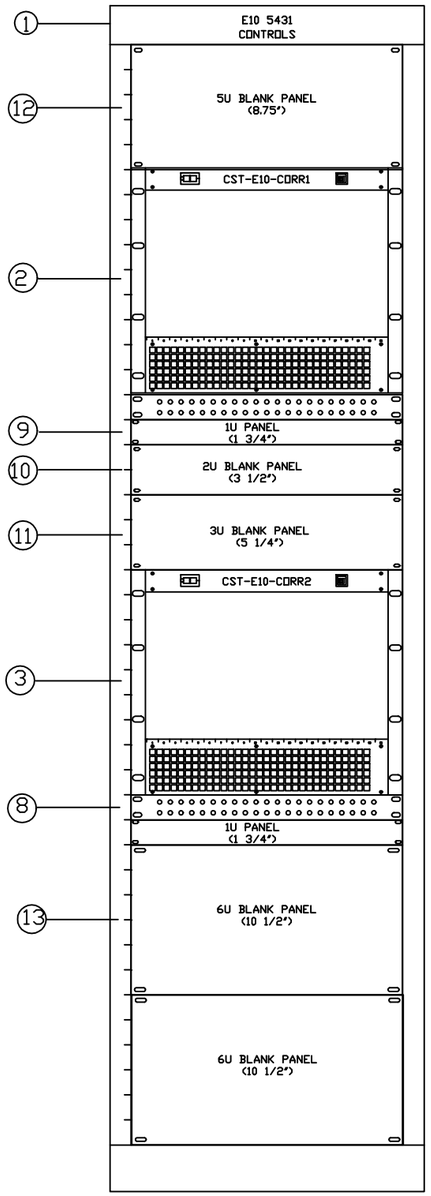
-3	-2	-1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO.,SHL NO.
	QTY REQD					

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989	Q.A. CATEGORY A-3	DATE	BROOKHAVEN NATIONAL LABORATORY
	DRAWN BY JASON ORTIZ	5/11/00	UPTON, N.Y. 11973
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CHECKED BY		C-A CONTROLS
DECIMAL TOLERANCES .X ±.030 .XX ±.015 .XXX ±.005 ANGULAR TOLERANCE ± .5°	DESIGN APPROVAL		E10
	ENGINEER APPROVAL		RACK LAYOUT
	SUPVR. APPROVAL		SIZE / Drawing Number / REV. A
NA FINISH / BREAK SHARP EDGES MAX. XX MIN. XX	NEXT ASSEMBLY		DRAWING NUMBER
OUTSTANDING ECN			MATERIAL: ——— SCALE: FULL WEIGHT: – SHEET 1 OF 1

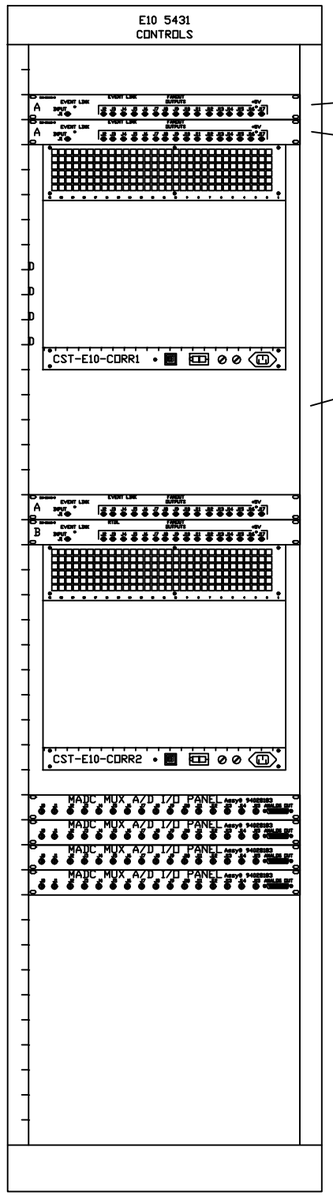
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

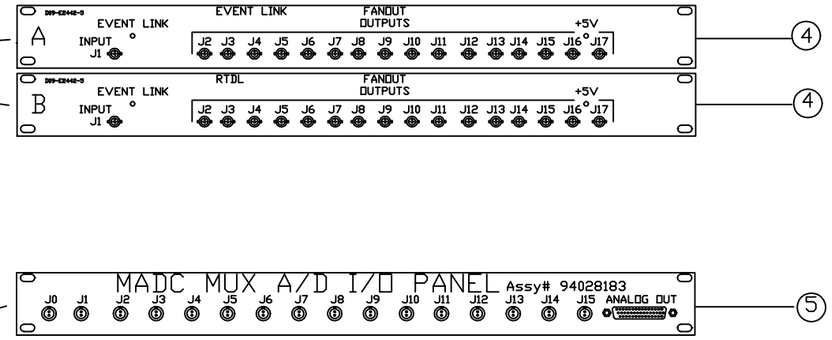
BNL, BNL5/5/00 1:47 PM e10rk5431.dwg



FRONT VIEW



REAR VIEW



-3	-2	-1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L. DWG NO.,BNL NO.
		2	N/A	13	6U x 19" BLANK PANEL (PREMIER METAL ARP-519-553)	X
		1	N/A	12	5U x 19" BLANK PANEL (PREMIER METAL ARP-519-553)	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
		2	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
		8	A-D	5	MADC A/D I/O PANEL	94028183
		2	A,B	4	FANOUT ASSEMBLY	D09-E2442
		1	N/A	3	VME CHASSIS CST-A10-CDRR2	94028382
		1	N/A	2	VME CHASSIS CST-A10-CDRR1	94028381
		1	N/A	1	19" RACK, 77"H RACK SPACE	X

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		DATE	
DRAWN BY	Jason Ortiz	5/5/00	
CHECKED BY			
DESIGN APPROVAL			
ENGINEER APPROVAL			
SUPV'R. APPROVAL			

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

RHIC CONTROLS

E10 CORRECTOR CONTROLS

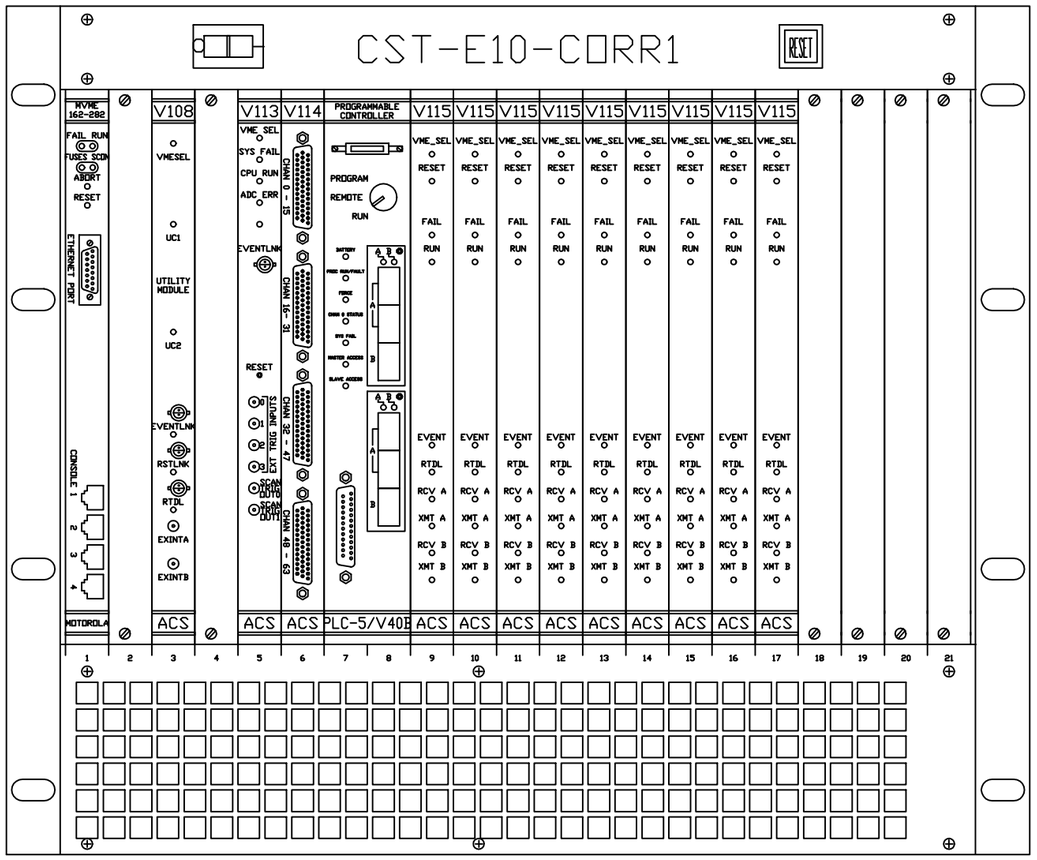
CONTROLS RACK ASSEMBLY

SIZE D | DRAWING NUMBER | REV. A

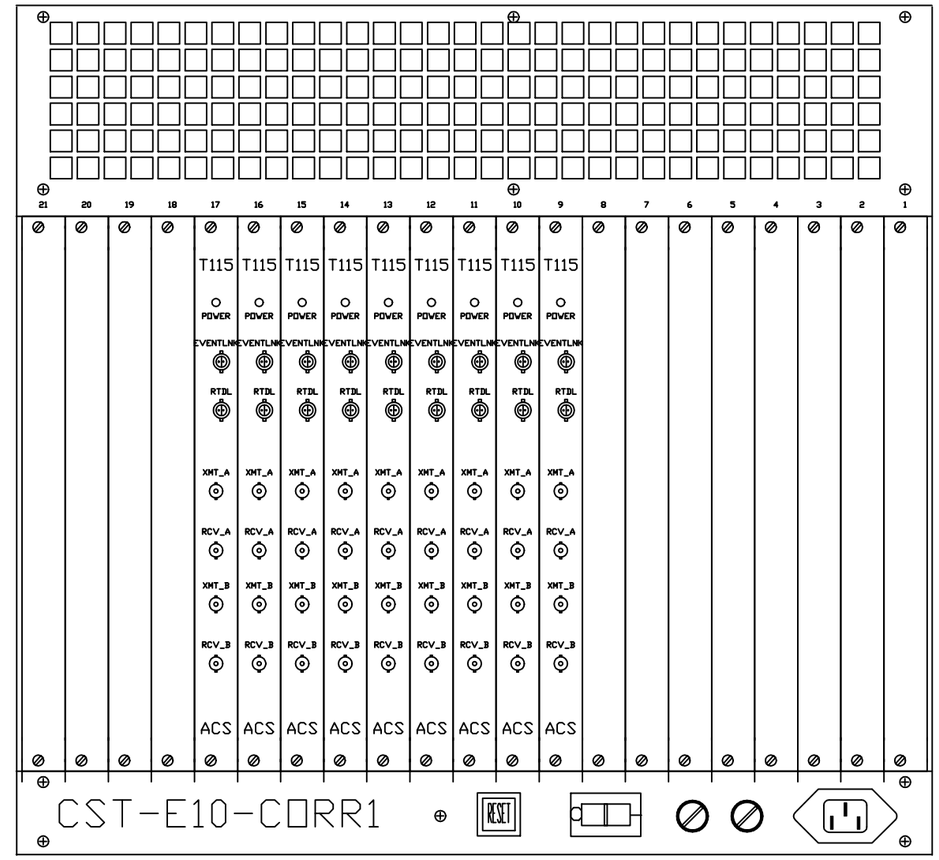
MATERIAL: ——— | SCALE: NA | WEIGHT: – | SHEET 1 OF 1

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

C-A Controls, Brookhaven National Laboratory 5/8/00 1:09 PM E10C□RR1.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	SLOTS 7&8	9	ALLEN BRADLEY	PLC-5/V40B
		18	SEE NOTE 1	8	VME BLANK PANEL (ELECTRO-SPACE ESFE-2985)	
		9	SLOT 9-17	7	T115 WAVEFORM GENERATOR TRANSITION MODULE	94028126
		9	SLOT 9-17	6	V115 WAVEFORM GENERATOR MODULE	94028108
		1	SLOT 6	5	V114 MADC A/D CONVERTER MODULE	94028226
		1	SLOT 5	4	V113 MADC CONTROLLER MODULE	94028140
		1	SLOT 3	3	V108 UTILITY MODULE	94028094
		1	SLOT 1	2	FRONT END COMPUTER	MVME 162-282
		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	Jason Ortiz	5/8/00
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL		
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

C-A CONTROLS

E10 RACK 5431

VME CHASSIS CST-E10-CORR1

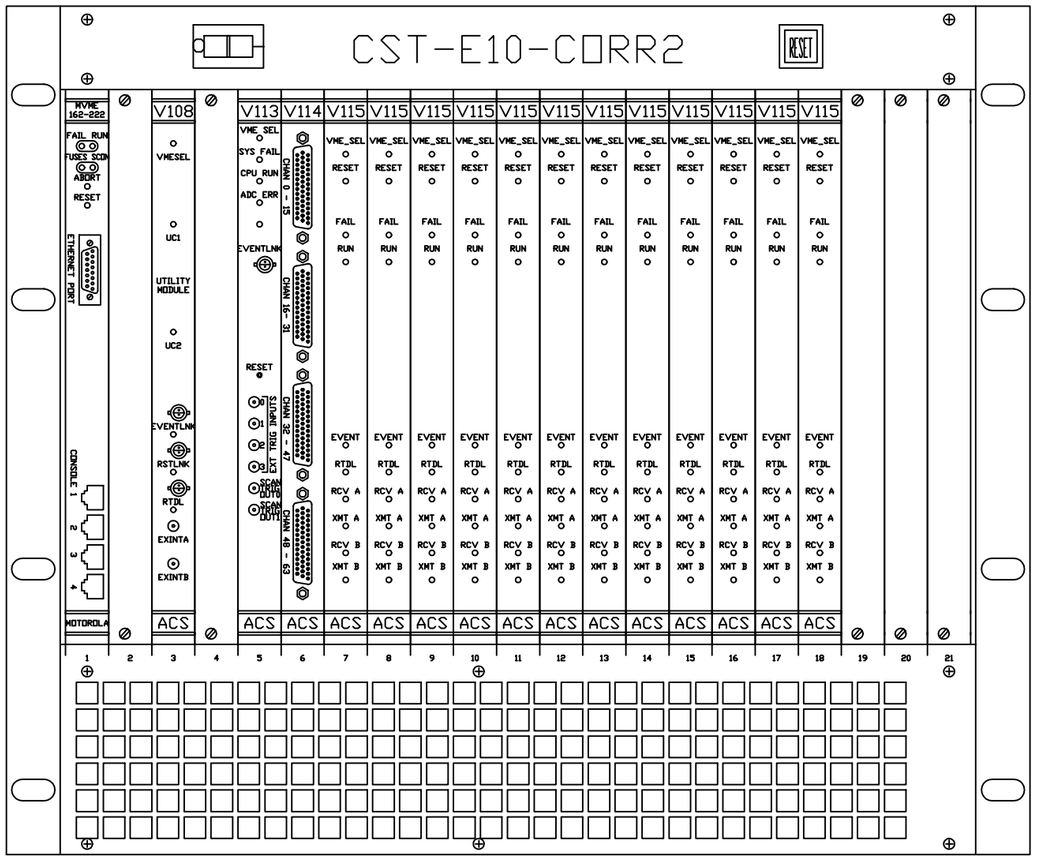
SIZE D | DRAWING NUMBER | REV. A

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

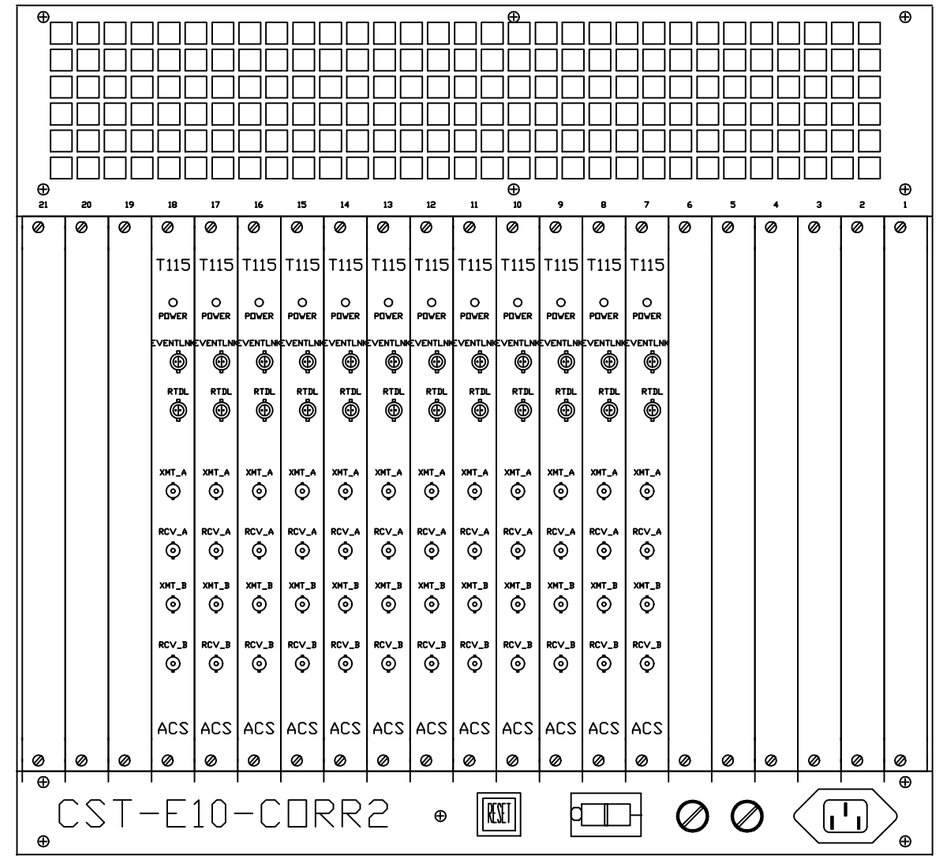
*AUTOCAD

REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

C-A Controls, Brookhaven National Laboratory 5/8/00 10:29 AM E10CORR2.dwg



FRONT VIEW



REAR VIEW

NOTE:

1. ALL UNUSED SLOTS, FRONT AND REAR

-3	-2	-1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO.,BNL NO.
		18	SEE NOTE 1	8	VME BLANK PANEL (ELECTRO-SPACE ESFE-2985)	
		12	SLOT 7-18	7	T115 WAVEFORM GENERATOR TRANSITION MODULE	94028126
		12	SLOT 7-18	6	V115 WAVEFORM GENERATOR MODULE	94028108
		1	SLOT 6	5	V114 MADC A/D CONVERTER MODULE	94028226
		1	SLOT 5	4	V113 MADC CONTROLLER MODULE	94028140
		1	SLOT 3	3	V108 UTILITY MODULE	94028094
		1	SLOT 1	2	FRONT END COMPUTER	MVME 162-222
		1	N/A	1	VME CHASSIS	RHIC-93008000

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

		DATE
DRAWN BY	Jason Ortiz	5/8/00
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL		
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

C-A CONTROLS

E10 RACK 5431

VME CHASSIS CST-E10-CORR2

SIZE D | DRAWING NUMBER | REV. A

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

*AUTOCAD