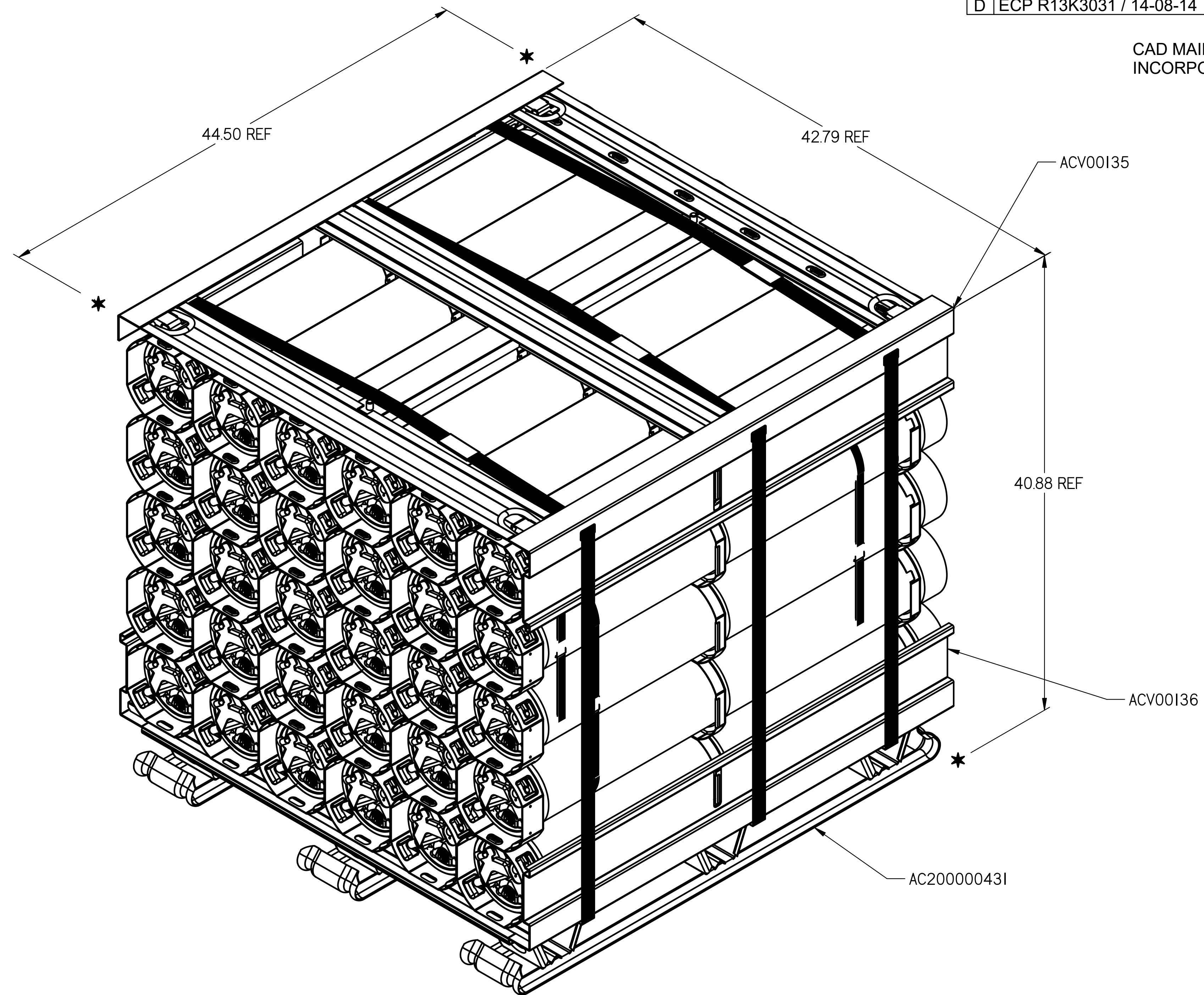


REVISION		APPROVED		
LTR	DESCRIPTION	ENG	BY	DATE
-	PRODUCT BASELINE ERR M0K2063 / 90-10-04	DREIER	MICHELS	90-10-04
A	ECP R8K3003 / 98-01-18	BARTOSIAK	MICHELS	99-04-12
B	ECP R05K2005 / 05-09-04	BARTOSIAK	FIEFFER	07-07-26
C	ECP R08A2030-024 / 09-01-26	Q. TRAN	LF/PB/JP	09-07-21
D	ECP R13K3031 / 14-08-14	HOVEY	LF/AF/CT	18-05-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



COMBINATION OF ADOPTED ITEMS	PART NO.
PALLET - STANDARD SIZE 44" X 40" SHEET METAL	AC20000431
TOP ASSEMBLY - PALLET ADAPTER, PA117 CONTAINER	ACV00135
BOTTOM ASSEMBLY - PALLET ADAPTER, PA117 CONTAINER	ACV00136

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES		DATE	PROJECT ENGINEER	DESIGN ACTIVITY
TOLERANCES: XX .XXX $\frac{\quad}{\quad}$ FRACTIONS $\frac{125}{\quad}$		90-10-04	Ken Drier	U.S. ARMY COMBINED ARMS SUPPORT COMMAND DEFENSE AMMUNITION CENTER (DAC) MCALESTER, OKLAHOMA 74501-9053
REMOVE ALL BURRS AND SHARP EDGES 010 R OR CHAMFER MAX.		25-90	Wm. Meyer	COMBINATION OF ADOPTED ITEMS, PALLET & PALLET ADAPTER, UNITIZATION OF PA117 CONTAINER
MATERIAL		SUBMITTED BY Thomas J. Michels CHIEF, SUPPLY ENGINEERING DIVISION		
NEXT ASSEMBLY		SUBMITTED BY William F. Ernst CHIEF, LOGISTICS ENGINEERING OFFICE APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND		SIZE D 28620
APPLICATION		APPROVED BY William F. Ernst DEFENSE AMMUNITION CENTER		DRAWING No. ACV00134
				REV. D
				SCALE NONE
				UNIT WT SHEET 1 OF 1

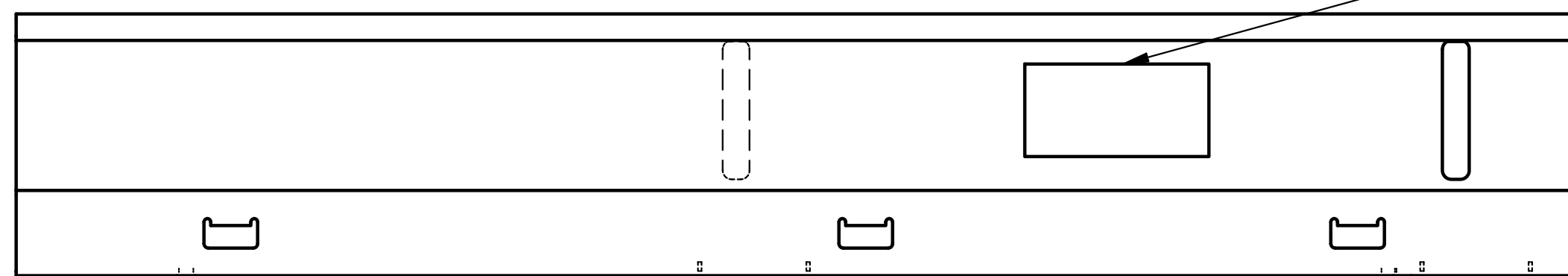
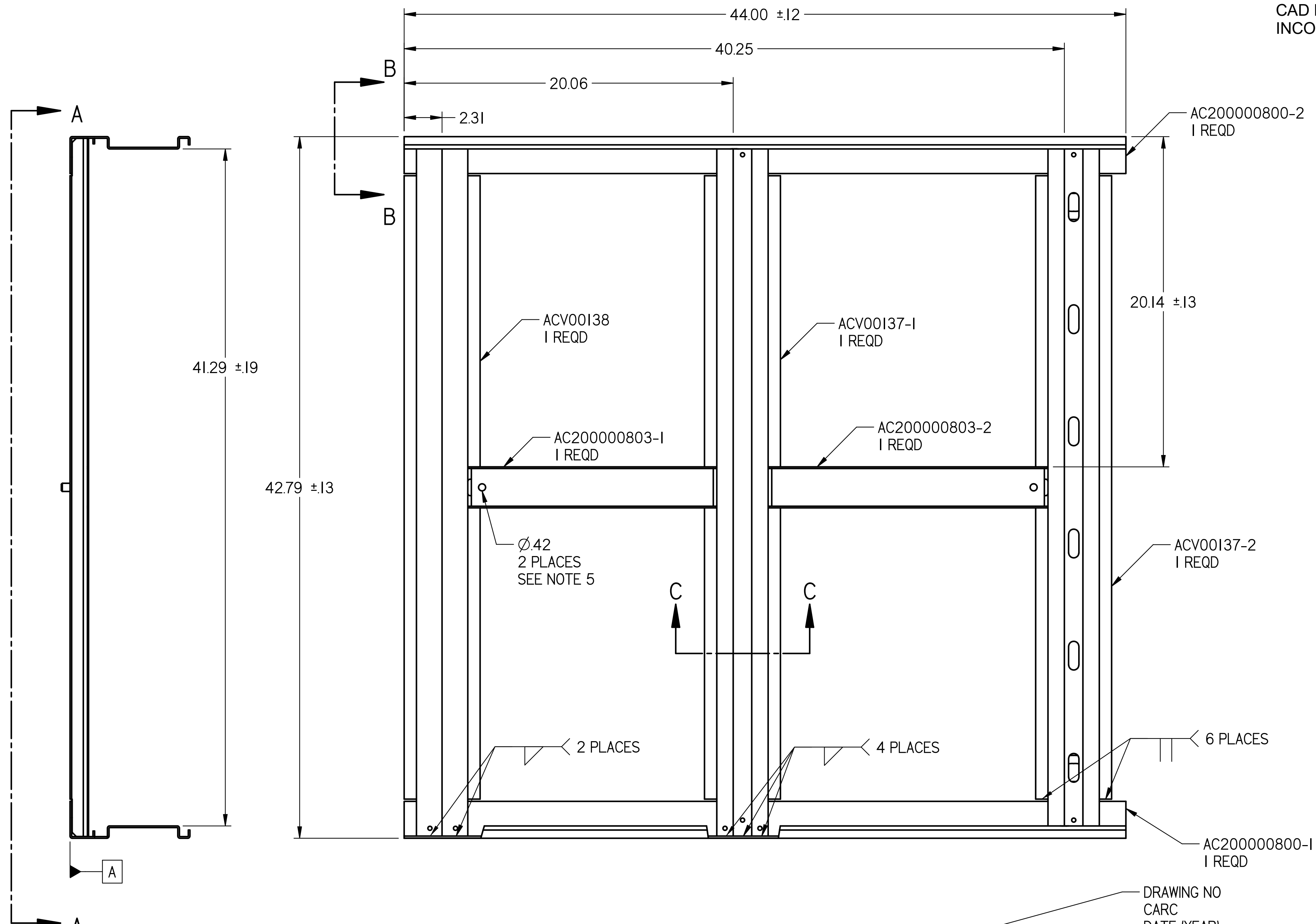
DISTRIBUTION STATEMENT A.  
APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED.

**NOTES:**

- SPEC MIL-A-2550, ANSI/AWS A2.4-86, ASME Y14.5M-1994 AND MIL-A-70788 APPLY.
- PROTECTIVE FINISH SHALL BE IN ACCORDANCE WITH DWG AC200000423. COLOR SHALL BE GREEN NO. 383 PER MIL-DTL-53039B.
- MARKING SHALL BE IN ACCORDANCE WITH DWG AC200000423 COLOR SHALL BE WHITE NO. 37875 PER FED-STD-595, .50 INCH HIGH LETTERS.
- WELDMENT CONSTRUCTION ACV00515, CLASS I, APPLIES.
- ALTERNATE ALIGNING LUG PART NO AC200000453-3 MAY BE USED INSTEAD OF PART NO AC200000453-1. IF ALTERNATE LUG IS USED, USE Ø.52 2 PLACES.
- CHAMFERED CORNER SHALL NOT BE WELDED IN ORDER TO ALLOW ADDITIONAL DRAIN HOLE.
- DIMENSIONS OF THE RETAINER RING MAY BE VARIED TO INSURE THE RING'S POSITION WHEN LIFTED VERTICALLY SHALL BE BETWEEN 75 AND 85 DEGREES WITH THE HORIZONTAL. THIS DIMENSION ASSURES THAT THE RING SHALL BE SELF NESTING WHEN NOT IN USE.
- MINOR DEFORMATIONS TO THE SIDE RAIL MAY BE ACCEPTABLE AFTER THE RINGS ARE PULL TESTED TO THE 2,500 POUND MINIMUM LOAD TEST.

REVISION		APPROVED	
LTR	DESCRIPTION	ENG	DATE
-	PRODUCT BASELINE ERR M0K2063 / 90-10-04	DREIER	MICHELS 90-10-04
A	ECP R8K3003 / 98-01-18	BARTOSIAK	MICHELS 99-04-12
B	ECP R08A2030-025 / 09-01-26	Q. TRAN	LF/PB/JB 09-07-21
C	ECP R13K3031 / 14-08-14	HOVEY	LF/AF/CT 18-05-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



Ø.50	-03	2 LUGS
------	-----	--------

REVISION STATUS OF SHEETS	
SHEET	REVISION
1 OF 2	C
2 OF 2	C

ACV00134	105MM HWZR
NEXT ASSEMBLY	USED ON
APPLICATION	

UNLESS OTHERWISE NOTED  
DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX .XXX FRACTIONS 125  
 ±.06 ±.005 ±0'15' ±1/64

REMOVE ALL BURRS AND SHARP EDGES  
0.010 R OR CHAMFER MAX.

DATE	PROJECT ENGINEER
90-10-04	Ken Drier
TEST REPORT	TEST ENGINEER
25-90	Wm. Meyer
SUBMITTED	
Thomas J. Michels CHIEF, SUPPLY ENGINEERING DIVISION	
William F. Ernst CHIEF, LOGISTICS ENGINEERING OFFICE	
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND	
William F. Ernst DEFENSE AMMUNITION CENTER	

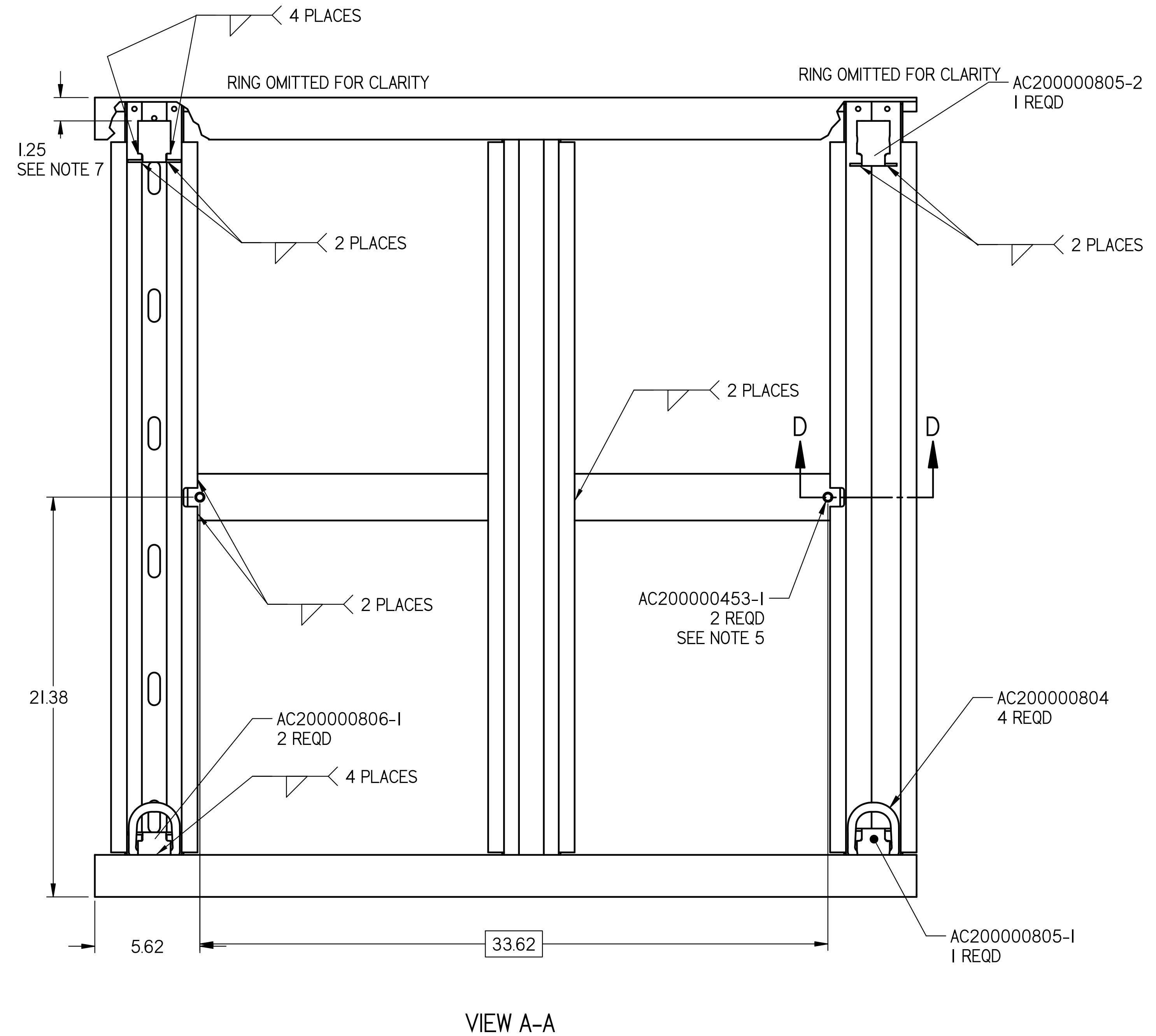
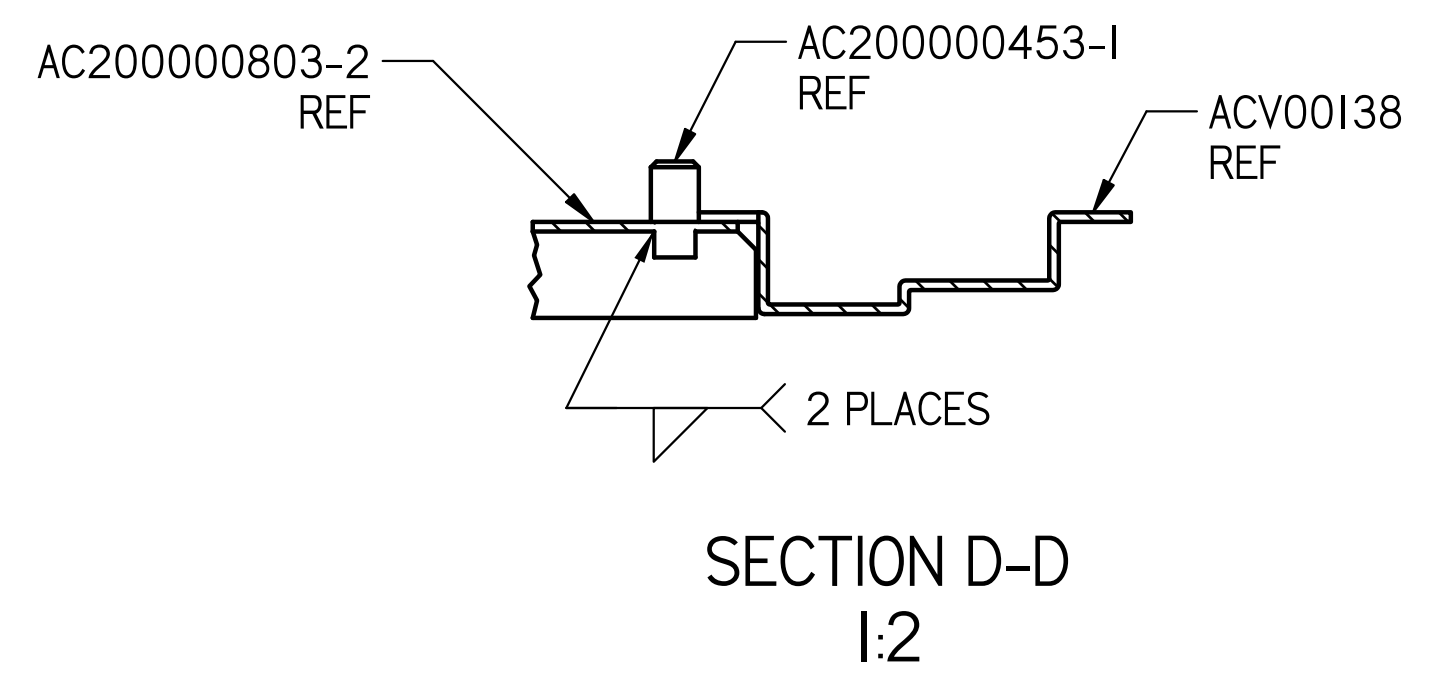
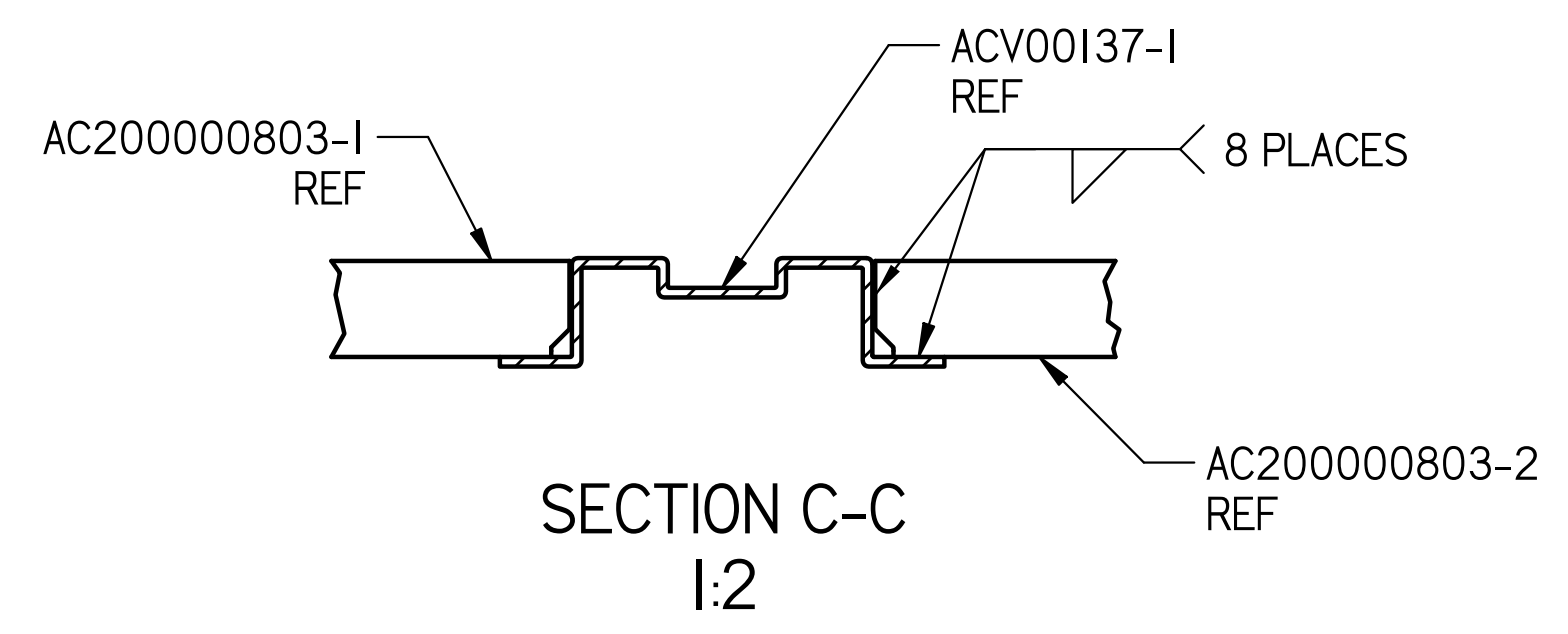
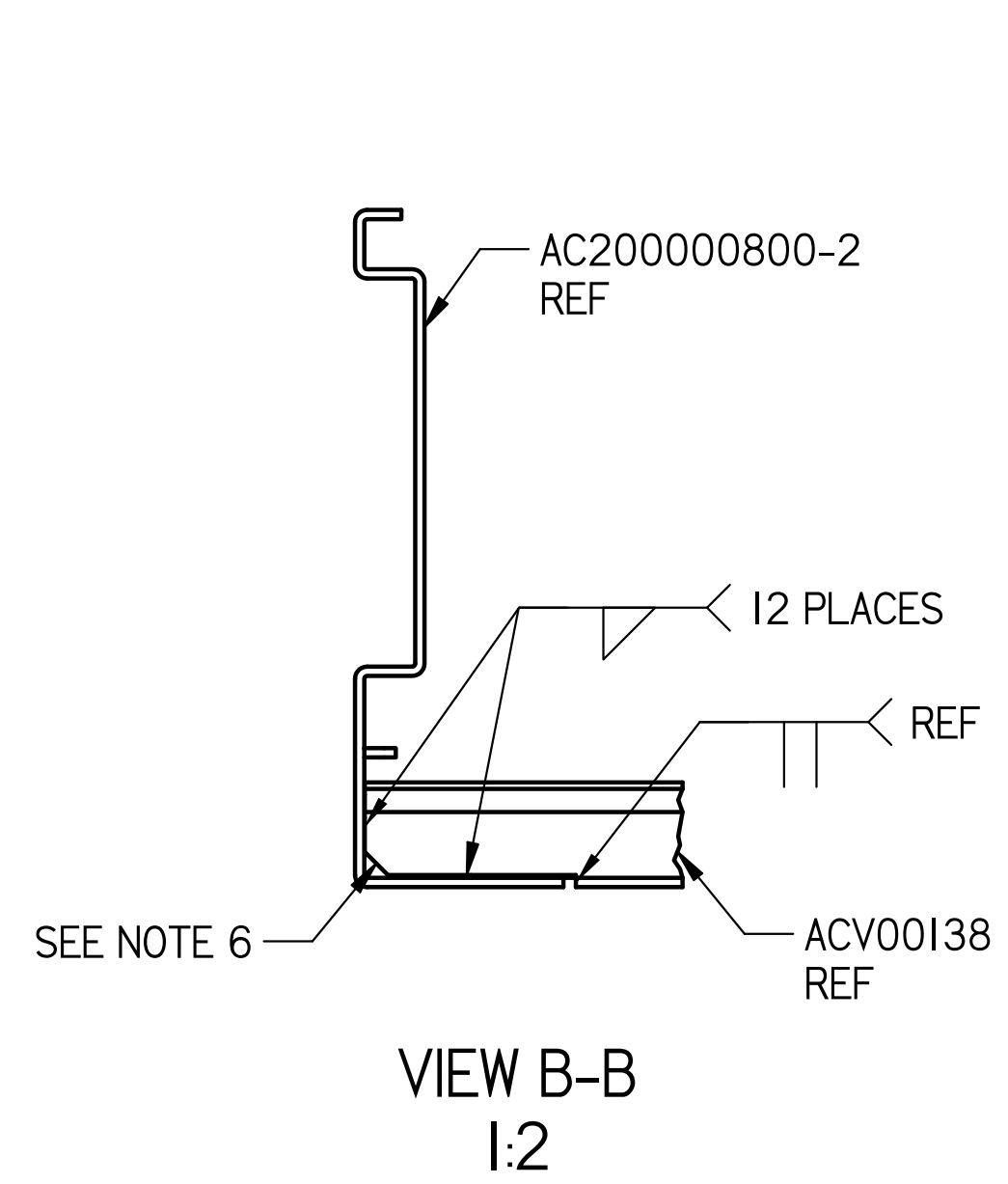
DESIGN ACTIVITY		U.S. ARMY COMBINED ARMS SUPPORT COMMAND DEFENSE AMMUNITION CENTER (DAC) MCALESTER, OKLAHOMA 74501-9053	
TOP ASSEMBLY- PALLET ADAPTER PA117 CONTAINER			
SIZE	CAGE	DRAWING No.	REV.
D	28620	ACV00135	C
SCALE	1/4	UNIT WT	SHEET 1 OF 2

PART NO. ACV00135

DISTRIBUTION STATEMENT A.  
APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED.

REVISION		APPROVED	
LTR	DESCRIPTION	ENG	DATE
-	PRODUCT BASELINE ERR M0K2063 / 90-10-04	DREIER	MICHELS 90-10-04
A	ECP R8K3003 / 98-01-18	BARTOSIAK	MICHELS 99-04-12
B	ECP R08A2030-025 / 09-01-26	Q. TRAN	LF/PB/JB 09-07-21
C	ECP R13K3031 / 14-08-14	HOVEY	LF/AF/CT 18-05-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



DISTRIBUTION STATEMENT A.  
APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED.

DATE	PROJECT ENGINEER	DESIGN ACTIVITY	
90-10-04	Ken Drier	U.S. ARMY COMBINED ARMS SUPPORT COMMAND DEFENSE AMMUNITION CENTER (DAC) MCALESTER, OKLAHOMA 74501-9053	
TEST REPORT	TEST ENGINEER	TOP ASSEMBLY- PALLET ADAPTER PA117 CONTAINER	
25-90	Wm. Meyer		
SUBMITTED		DRAWING No.	
Thomas J. Michels CHIEF, SUPPLY ENGINEERING DIVISION		ACV00135	
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND		SCALE	REV.
William F. Ernst DEFENSE AMMUNITION CENTER		D 1/4	C
		UNIT WT	SHEET 2 OF 2

**NOTES:**

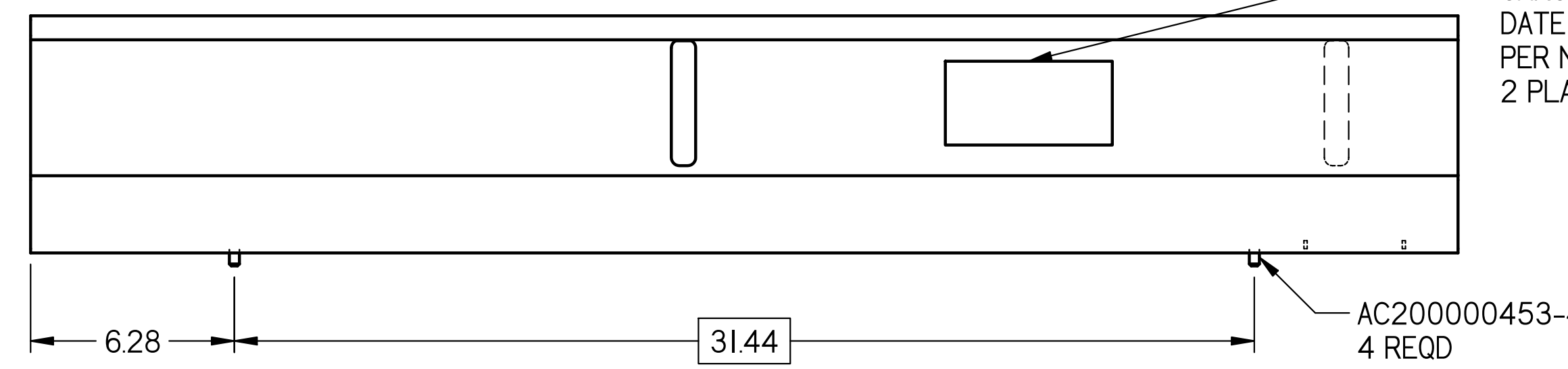
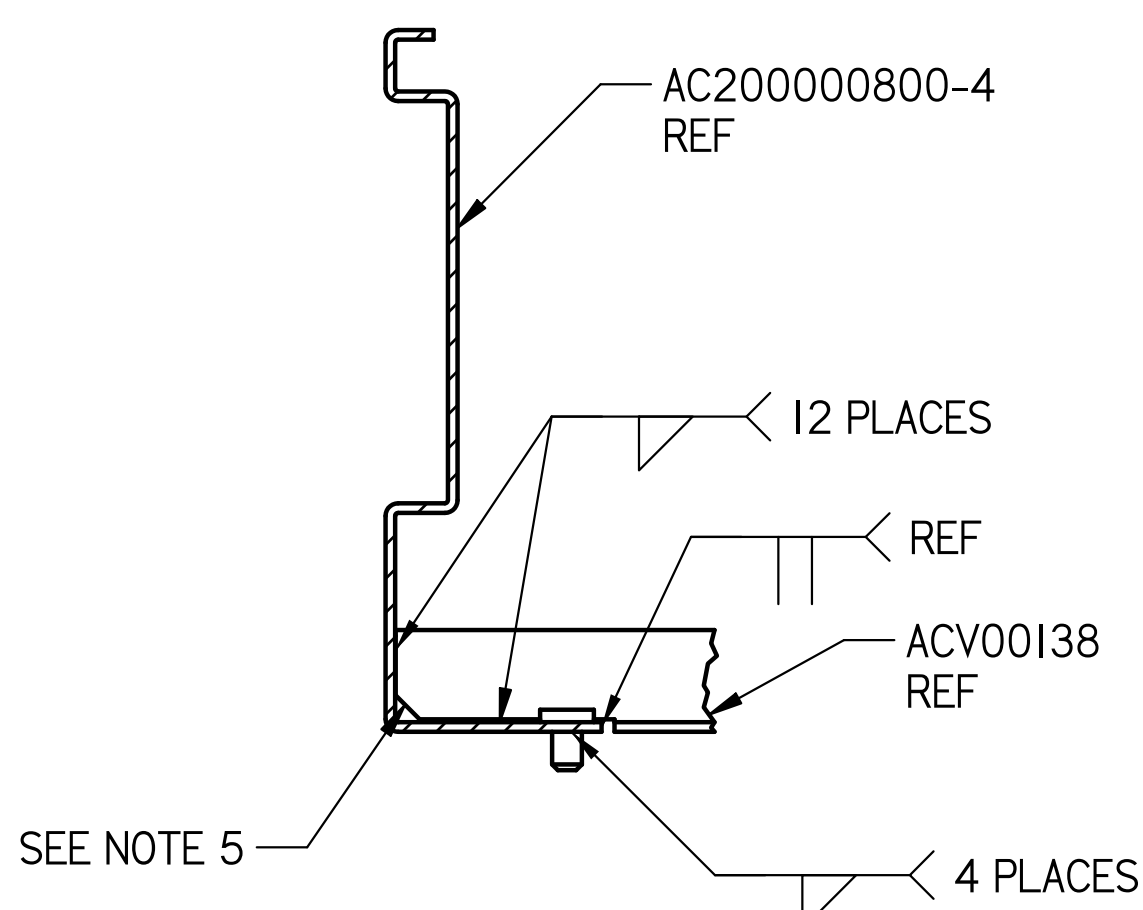
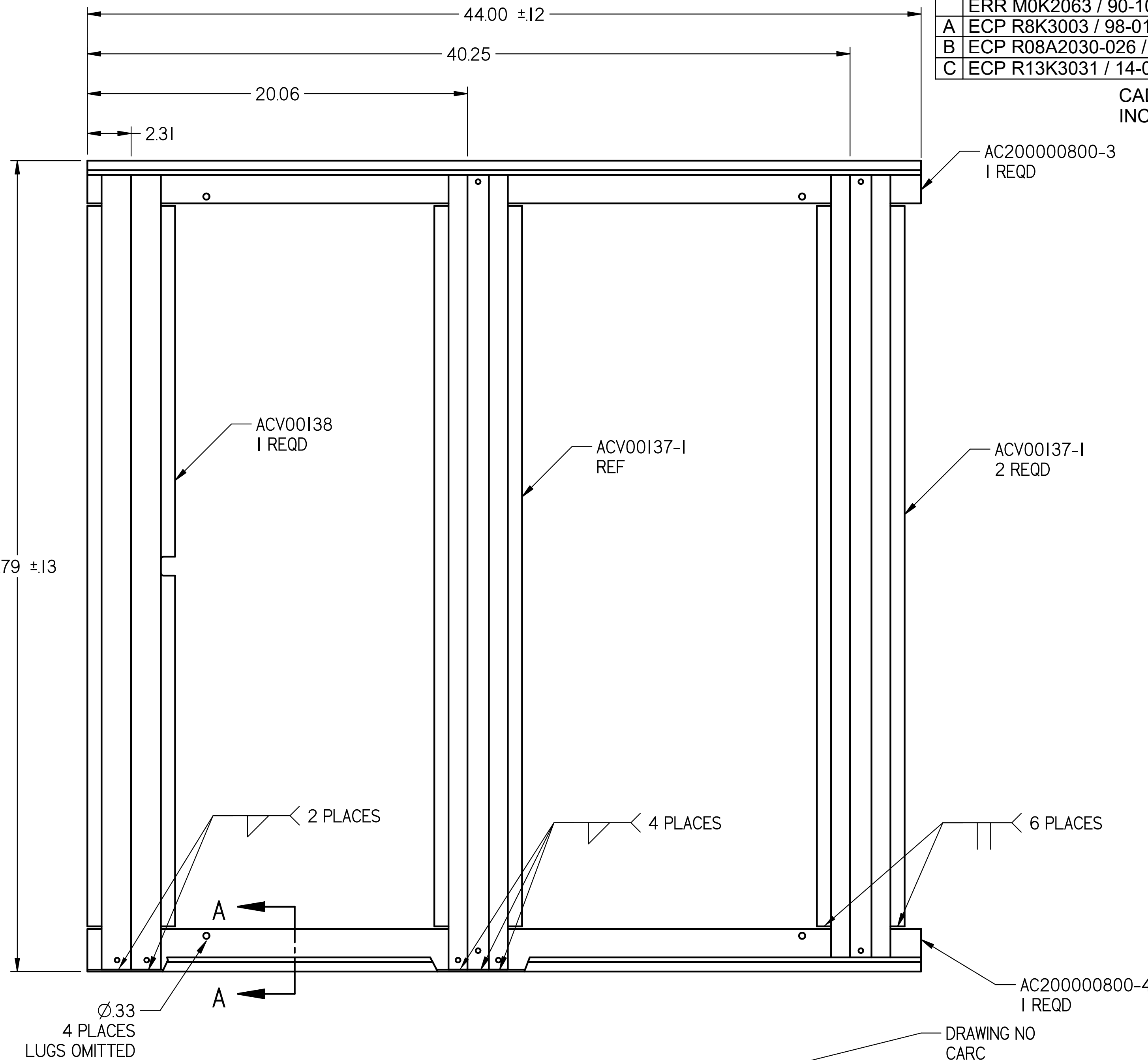
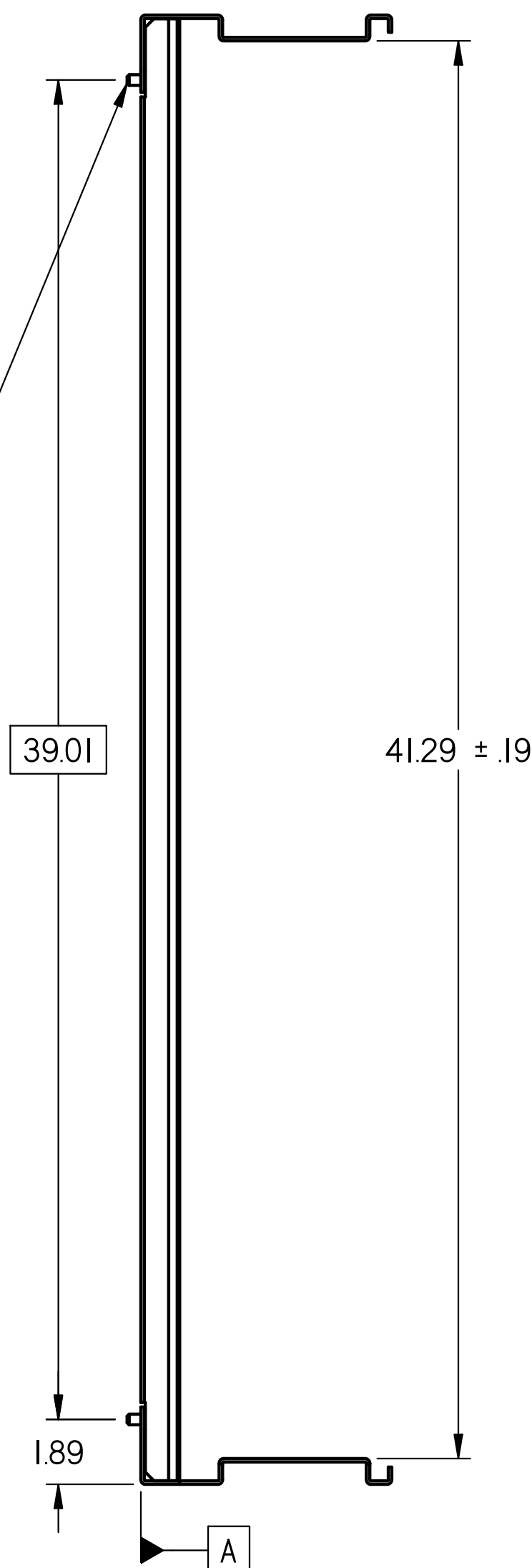
1. SPEC MIL-A-2550, ANSI/AWS A2.4-86, ASME Y14.5M-1994 AND MIL-A-70788 APPLY.
2. PROTECTIVE FINISH SHALL BE IN ACCORDANCE WITH DWG AC200000423. COLOR SHALL BE GREEN NO. 383 PER-MIL-DTL-53039B.
3. MARKING SHALL BE IN ACCORDANCE WITH DWG AC200000423. COLOR SHALL BE WHITE NO. 37875 PER FED-STD-595, .50 INCH HIGH LETTERS.
4. WELDMENT CONSTRUCTION ACV00515 APPLIES.
5. CHAMFERED CORNER SHALL NOT BE WELDED IN ORDER TO ALLOW ADDITIONAL DRAIN HOLE.

REVISION		APPROVED		
LTR	DESCRIPTION	ENG.	BY	DATE
-	PRODUCT BASELINE ERR M0K2063 / 90-10-04	DREIER	MICHELS	90-10-04
A	ECP R8K3003 / 98-01-18	BARTOSIAK	MICHELS	99-04-12
B	ECP R08A2030-026 / 09-01-26	Q. TRAN	LF/PB/JP	09-07-21
C	ECP R13K3031 / 14-08-14	HOVEY	LF/AF/CT	18-05-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

Ø.31 -.03 4 LUGS  

⊕	Ø .06	M	A
---	-------	---	---



**PART NO. ACV00136**

**DISTRIBUTION STATEMENT A.**  
 APPROVED FOR PUBLIC RELEASE;  
 DISTRIBUTION IS UNLIMITED.

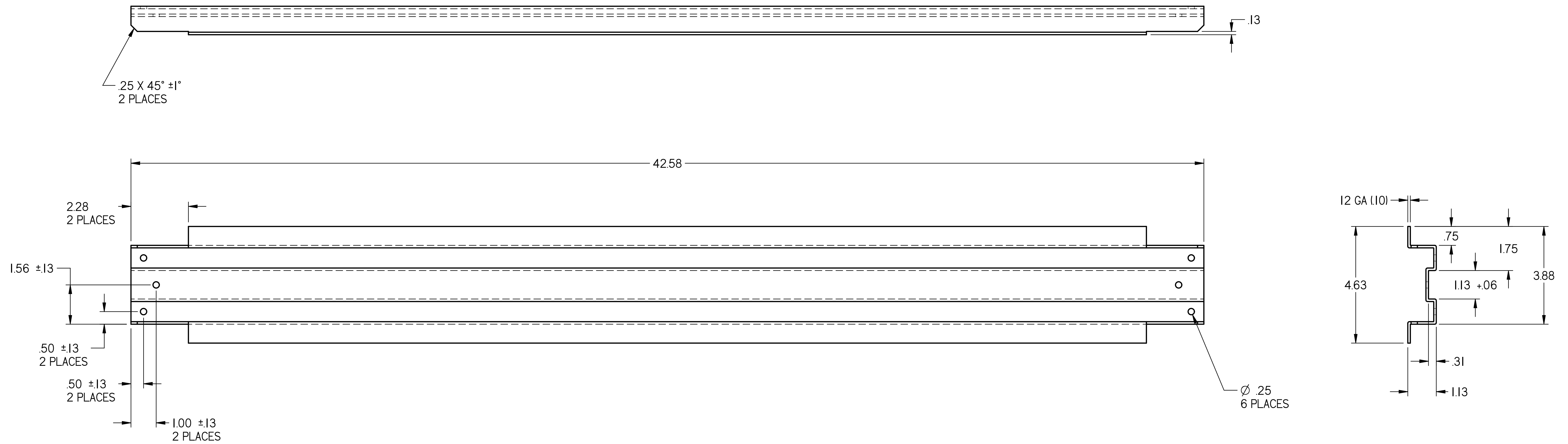
UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES		DATE	PROJECT ENGINEER	DESIGN ACTIVITY
TOLERANCES: XX .XX ±.06 ±.005 ±0'15' ±1/64 125		90-10-04	Ken Drier	U.S. ARMY COMBINED ARMS SUPPORT COMMAND DEFENSE AMMUNITION CENTER (DAC) MCALESTER, OKLAHOMA 74501-9053
REMOVE ALL BURRS AND SHARP EDGES Ø10 R OR CHAMFER MAX.		TEST REPORT	TEST ENGINEER	BOTTOM ASSEMBLY- PALLET ADAPTER PA117 CONTAINER
MATERIAL		25-90	Wm. Meyer	
ACV00134 105MM HWZR		SUBMITTED		SCALE 1/4
NEXT ASSEMBLY USED ON		Thomas J. Michels CHIEF, SUPPLY ENGINEERING DIVISION		
APPLICATION		CHIEF, LOGISTICS ENGINEERING OFFICE		SIZE D
		APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND		CAGE 28620
		William F. Ernst		DRAWING No. ACV00136
		DEFENSE AMMUNITION CENTER		REV. C
				SCALE 1/4
				UNIT WT
				SHEET 1 OF 1

**NOTES:**

1. MIL-A-2550, ASME Y14.5M-1994 AND MIL-A-70788 APPLY.
2. BEND RADIUS .13 INCH MAX WHERE NOT NOTED.
3. MATERIAL: SHEET, SAE OR ANSI 1005-1010 STEEL, CARBON, COLD ROLL OR HOT ROLL, PER ASTM A568 (ASTM A366 OR A569).

REVISION		APPROVED	
LTR.	DESCRIPTION	ENG.	DATE
-	PRODUCT BASELINE ERR M0K2063 / 90-10-04	DREIER	MICHELS 90-10-04
A	ECP R8K3003 / 98-01-18	BARTOSIAK	MICHELS 99-04-12
B	ECP R08A2030-027 / 09-01-26	Q. TRAN	LF/PB/JB 09-07-21
C	ECP R13K3031 / 14-08-14	HOVEY	LF/AF/CT 18-05-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



PART NO. ACV00137-1

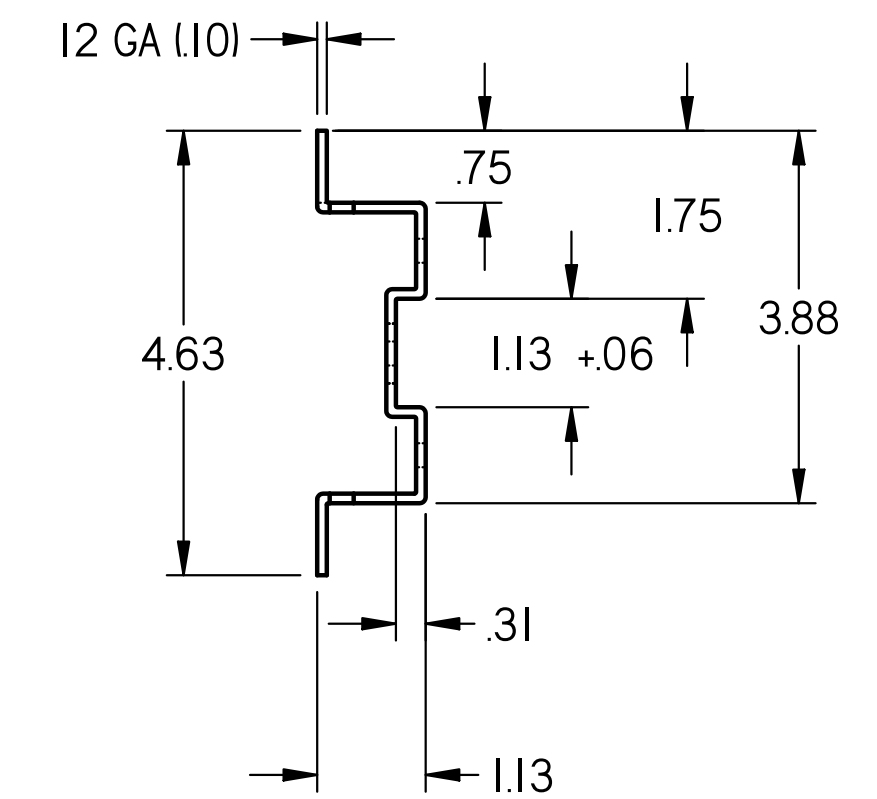
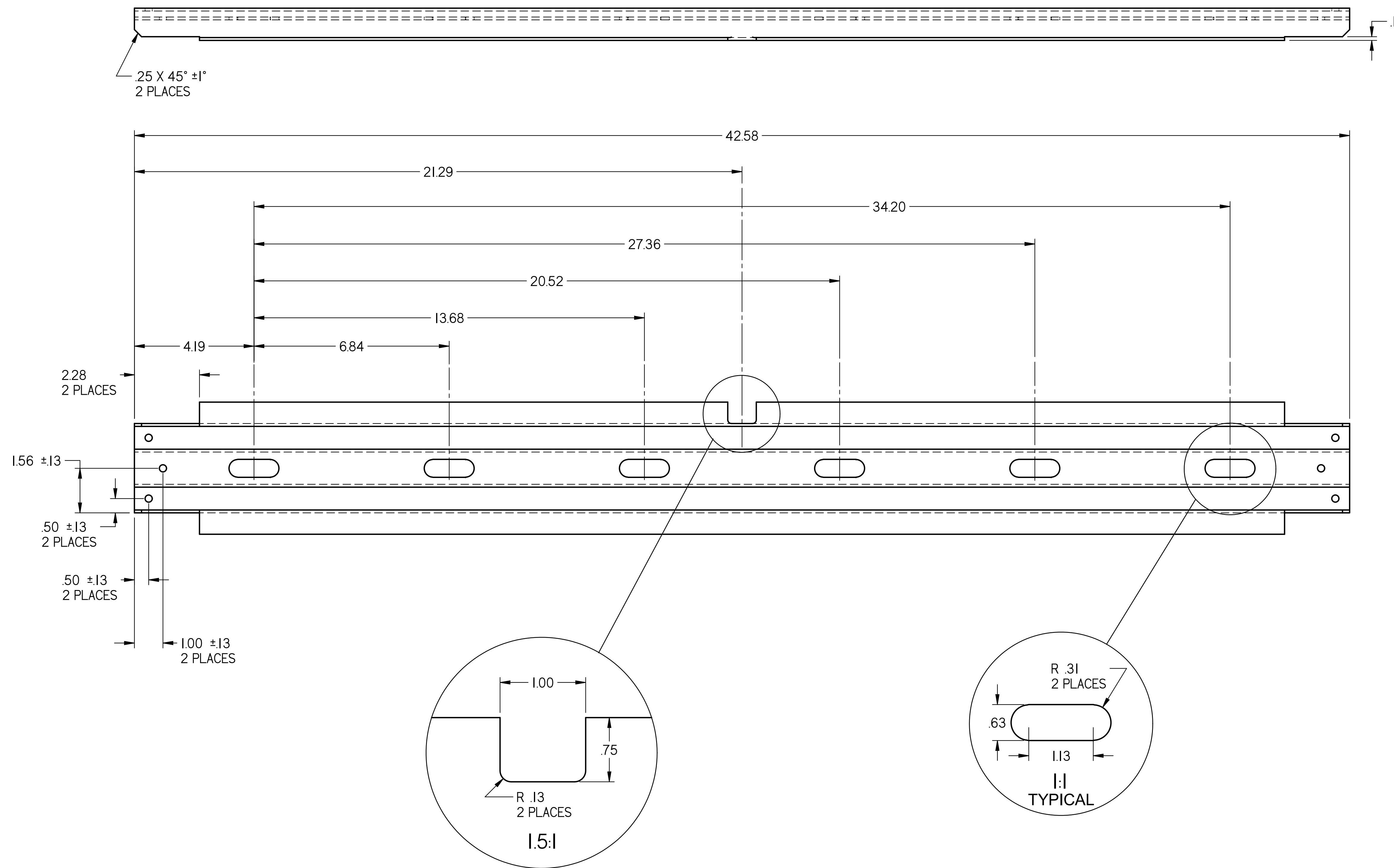
DISTRIBUTION STATEMENT A.  
APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED.

REVISION STATUS OF SHEETS	
SHEET	REVISION
1 OF 2	C
2 OF 2	C

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES		DATE	PROJECT ENGINEER	DESIGN ACTIVITY
TOLERANCES: XX .XXX FRACTIONS 125 ±.06 ±.005 ±0°15' ±1/64		90-10-04	Ken Drier	U.S. ARMY COMBINED ARMS SUPPORT COMMAND DEFENSE AMMUNITION CENTER (DAC) MCALESTER, OKLAHOMA 74501-9053
REMOVE ALL BURRS AND SHARP EDGES .010 R OR CHAMFER MAX.		25-90	Wm. Meyer	SQUARE RING RESTRAINT
MATERIAL		Thomas J. Michels CHIEF, SUPPLY ENGINEERING DIVISION		
ACV00136		William F. Ernst CHIEF, LOGISTICS ENGINEERING OFFICE		SIZE
ACV00135	105MM HWZR	APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND		CAGE
NEXT ASSEMBLY	USED ON	William F. Ernst DEFENSE AMMUNITION CENTER		DRAWING No.
APPLICATION				ACV00137
				REV.
				C
				SCALE
				1/2
				UNIT WT
				SHEET
				1 OF 2

REVISION		APPROVED	
LTR	DESCRIPTION	ENG	DATE
-	PRODUCT BASELINE ERR M0K2063 / 90-10-04	DREIER	MICHELS 90-10-04
A	ECP R8K3003 / 98-01-18	BARTOSIAK	MICHELS 99-04-12
B	ECP R08A2030-027 / 09-01-26	Q. TRAN	LF/PB/JB 09-07-21
C	ECP R13K3031 / 14-08-14	HOVEY	LF/AF/CT 18-05-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



PART NO. ACV00137-2

DISTRIBUTION STATEMENT A.  
APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED.

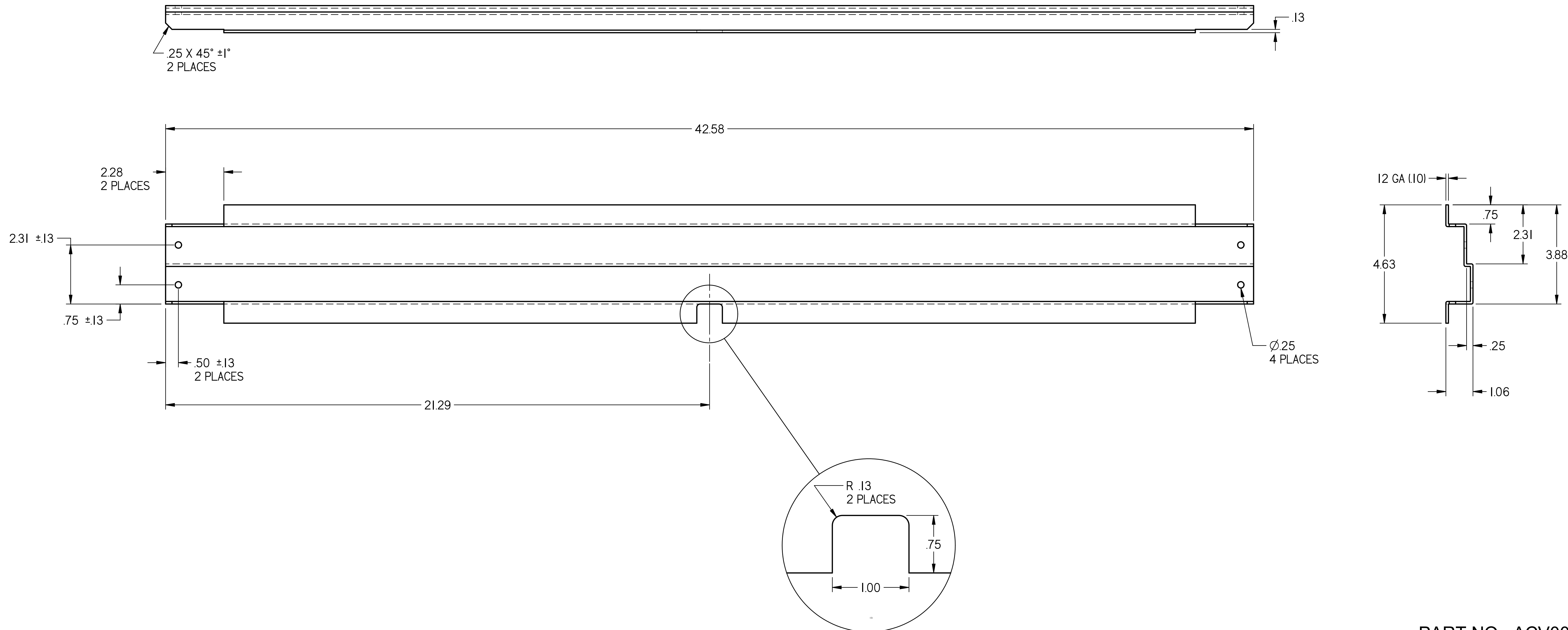
DATE	PROJECT ENGINEER	DESIGN ACTIVITY	
90-10-04	Ken Drier	U.S. ARMY JOINT MUNITIONS COMMAND DEFENSE AMMUNITION CENTER MCALESTER, OKLAHOMA 74501-9053	
25-90	Wm. Meyer		
SUBMITTED BY Thomas J. Michels CHIEF, SUPPLY ENGINEERING DIVISION		SQUARE RING RESTRAINT	
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND William F. Ernst DEFENSE AMMUNITION CENTER			
SIZE	CAGE	DRAWING No.	REV.
D	28620	ACV00137	C
SCALE	1/2	UNIT WT	SHEET 2 OF 2

**NOTES:**

1. MIL-A-2550, ASME Y14.5M-1994 AND MIL-A-70788 APPLY.
2. BEND RADII .13 INCH MAX WHERE NOT NOTED.
3. MATERIAL: SHEET, SAE OR ANSI 1005-1010 STEEL, CARBON, COLD ROLL OR HOT ROLL, PER ASTM A568 (ASTM A366 OR A569).

REVISION		APPROVED	
LTR	DESCRIPTION	ENG	DATE
-	PRODUCT BASELINE		
	ERR M0K2063 / 90-10-04	DREIER	MICHELS 90-10-04
A	ECP R8K3003 / 98-01-18	BARTOSIAK	MICHELS 99-04-12
B	ECP R08A2030-028 / 09-01-26	Q. TRAN	LF/PB/JB 09-07-21
C	ECP R13K3031 / 14-08-14	HOVEY	LF/PB/CT 18-05-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



PART NO. ACV00138

DISTRIBUTION STATEMENT A.  
APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED.

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES		DATE	PROJECT ENGINEER	DESIGN ACTIVITY
TOLERANCES: XX .XX ±.06 ±.005 ±0°15' FRACTIONS 125/64		90-10-04	Ken Drier	U.S. ARMY COMBINED ARMS SUPPORT COMMAND DEFENSE AMMUNITION CENTER (DAC) MCALESTER, OKLAHOMA 74501-9053
REMOVE ALL BURRS AND SHARP EDGES 010 R OR CHAMFER MAX.		25-90	Wm. Meyer	SQUARE BELL RESTRAINT
MATERIAL		SUBMITTED		
ACV00136		Thomas J. Michels CHIEF, SUPPLY ENGINEERING DIVISION		SIZE D 28620
ACV00135	105MM HWZR	William F. Ernst CHIEF, LOGISTICS ENGINEERING OFFICE APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND		
NEXT ASSEMBLY	USED ON	William F. Ernst DEFENSE AMMUNITION CENTER		REV. C
APPLICATION		SCALE	UNIT WT	SHEET
		1/2		1 OF 1