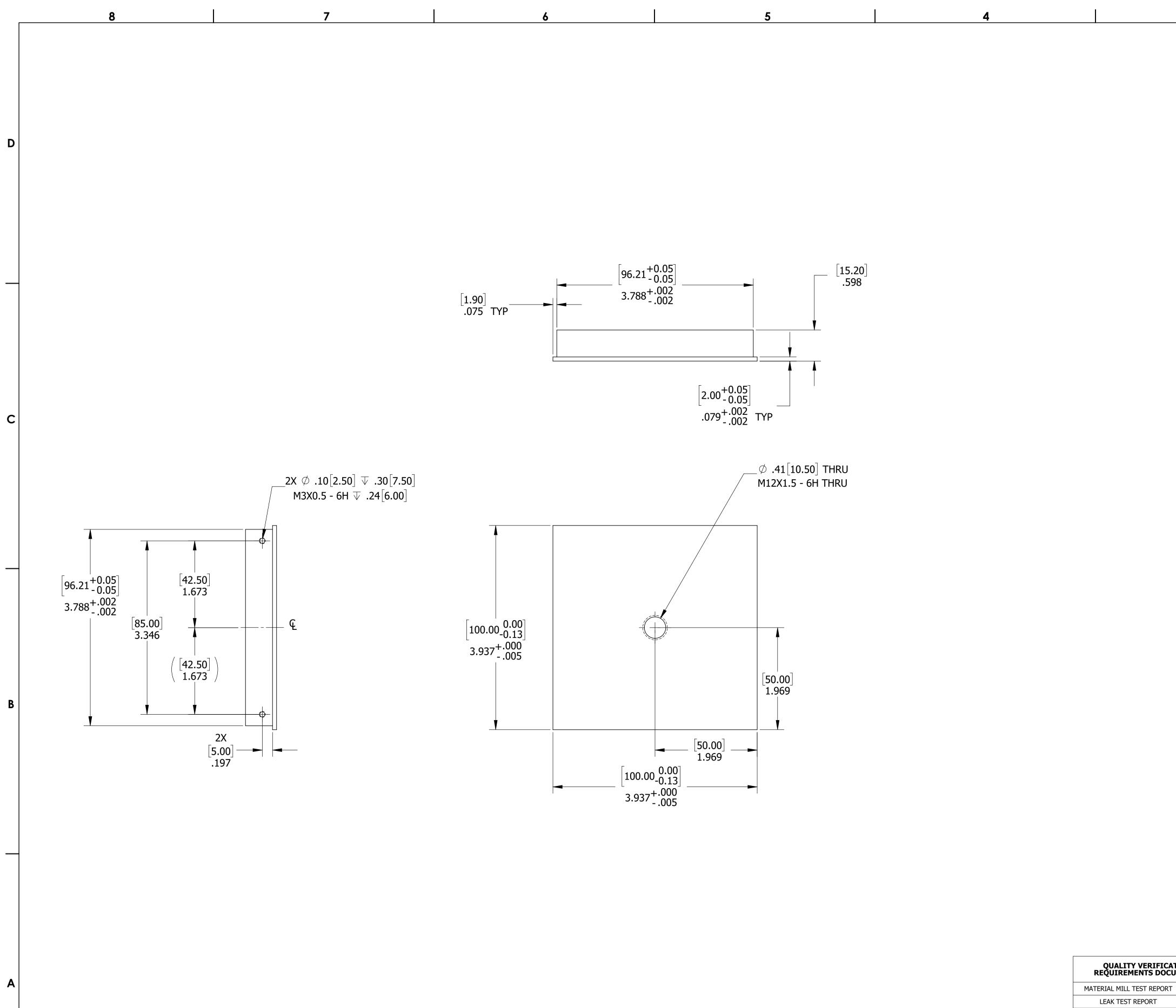


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MANCE REPORT	X	DO NO	DT SCAL	E DRAWING		SolidWork		SCAL	E 1:8	NAME	4M TOWER WELDMENT	SHEET	1 of 1					
ON REQUEST	x	X.XX = X.XXX	±.010 = ±.005			HIS DRAWING PRODUC				N/A	EPIC	-300	0					
_ TEST REPORT		LINEAF X.X = ±	.100 ±1	GULAR /2°		I TAL IGHT	LBS	SIZE	NEXT AS	SY	DWG NO.		REV					
SELLER CERT	X	DEFA	ULT TO	LERANCES						IUV	NER BODY ASSE	MRLI						
NAL REPORT	X	REMOV	'E ALL BU	RRS	QA													
EAT REPORT		BREAK	SHARP C	ORNERS AND	ENG	EJ FOUNTAIN	03/09/202	5		7	TOWER ASSEMB	IY						
SPECTION REPORT		INTERP TOLER	RET DIME	ENSIONS AND ER ASME Y14.5M				-			EPIC							
ING CERT		DIMENS	SIONS ARE	E IN INCHES	СНК	JP SLADE	03/09/202					· -						
ST REPORT		UNLES	S OTHER	RWISE NOTED	DRW	EJ FOUNTAIN	03/09/202	3	RSG		REMOTE SYSTEMS GROUP							
LL TEST REPORT		$\square \Psi$		I ROJECTION	DES	EJ FOUNTAIN	03/09/202	$ \langle$		∕	CONTRACT DE-AC05-000R22	25 OAK RIDGE, TN						
ITY VERIFICATIO EMENTS DOCUMI		$ \oplus$	\leftarrow	THIRD-ANGLE PROJECTION		APPROVALS D			- Por		THIS DRAWING IS THE OAK RIDGE NATIONA OPERATED FOR THE U.S. DEPARTM	L LABORATO						
		ITEM	QTY.		NAM			MAT	MATERIAL		DESCRIPTION	DWG	;					
		1	1	M	CMASI	IER_91595A558		ST	EEL		8MM X 20MM DOWEL PIN	N/A						
		2	10			IER_90358A001			Y STEEL	N	M3-0.5 X 6MM LG LOW SHCS	N/A						
		3	1			ONT PLATE			ON STEEL		PLATE	EPIC-3	-					
		4	1			CK PLATE			ON STEEL		PLATE	EPIC-3						
		5	2	T		OTTOM PLATE			ON STEEL		SHEET METAL 14 GA	EPIC-3						
		6	1		SID	E COVER		CARBC	ON STEEL		Sheet Metal 14 Ga	EPIC-3	04					
		7	1		PC	B COVER		CARBC	ON STEEL		Sheet metal 14 GA	EPIC-3	05					
		8	58	ST	EEL AB	SORBER PLATE		CARBC	on Steel		PLATE	EPIC-3	06					
		9	3	STEEL A	ABSOR	BER PLATE, TAPPED		CARBC	on Steel		PLATE	EPIC-3	07					
		10	4	TUNC	GSTEN	ABSORBER PLATE	TUN	GSTEN	(W 6Ni-4C	υ)	PLATE	EPIC-3	08					
		11	8		LO	NG SHIM		CARBC	on steel		Sheet metal 11 Ga	EPIC-3	09					
		12	4		SHO	SHORT SHIM			on steel		SHEET METAL 11 GA EPIC-3							

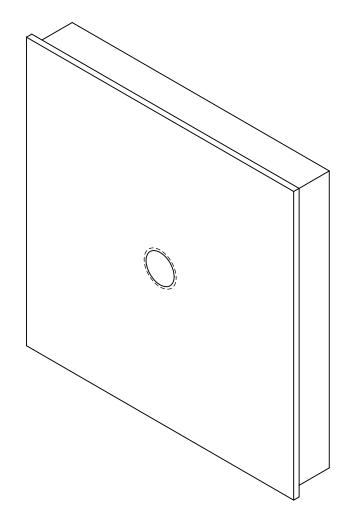
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QUALITY VERIFICATIO REQUIREMENTS DOCUM	ON ENTS	+ THIRD-ANGLE PROJECTION		APPROVALS	DATE		1. Por	2	-	THIS DRAWING IS RIDGE NATIO ED FOR THE U.S. DE	ONAL LAB	ORATO	-	
MATERIAL MILL TEST REPORT	X		DES	EJ FOUNTAIN	03/09/2023	\mathbb{K}		∕	CC	ONTRACT DE-AC05-00	OR22725 OAK F	RIDGE, TN		
LEAK TEST REPORT		UNLESS OTHERWISE NOTED	DRW	EJ FOUNTAIN	03/09/2023	s [RSG		RE	MOTE SYS	STEMS (GROL	JP	Plate
CLEANING CERT		DIMENSIONS ARE IN INCHES	СНК	JP SLADE	03/09/2023									_ ±
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M	ENG	EJ FOUNTAIN	03/09/2023	-				EPIC				r Fro
HEAT TREAT REPORT		BREAK SHARP CORNERS AND		LITOURIAIN	03/03/2023	<u>'</u>		т	OWE	R ASSE	ABLY			Tower
DIMENSIONAL REPORT		REMOVE ALL BURRS	QA					-						
MATERIAL SELLER CERT		DEFAULT TOLERANCES							FK	ONT PLA	16			4Μ
FUNCTIONAL TEST REPORT		LINEAR ANGULAR X.X = ±.100 ±1/2°		TAL IGHT 2.45	19 LBS	SIZE	SIZE NEXT ASSY			DWG NO.			REV	FILE
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NONCONFORMANCE REPORT	DNCONFORMANCE REPORT X DO NOT SCALE DRAW			SolidWorks		SCAL	E 1:1	NAME	FRON	T PLATE		SHEET	1 of 1	GAL
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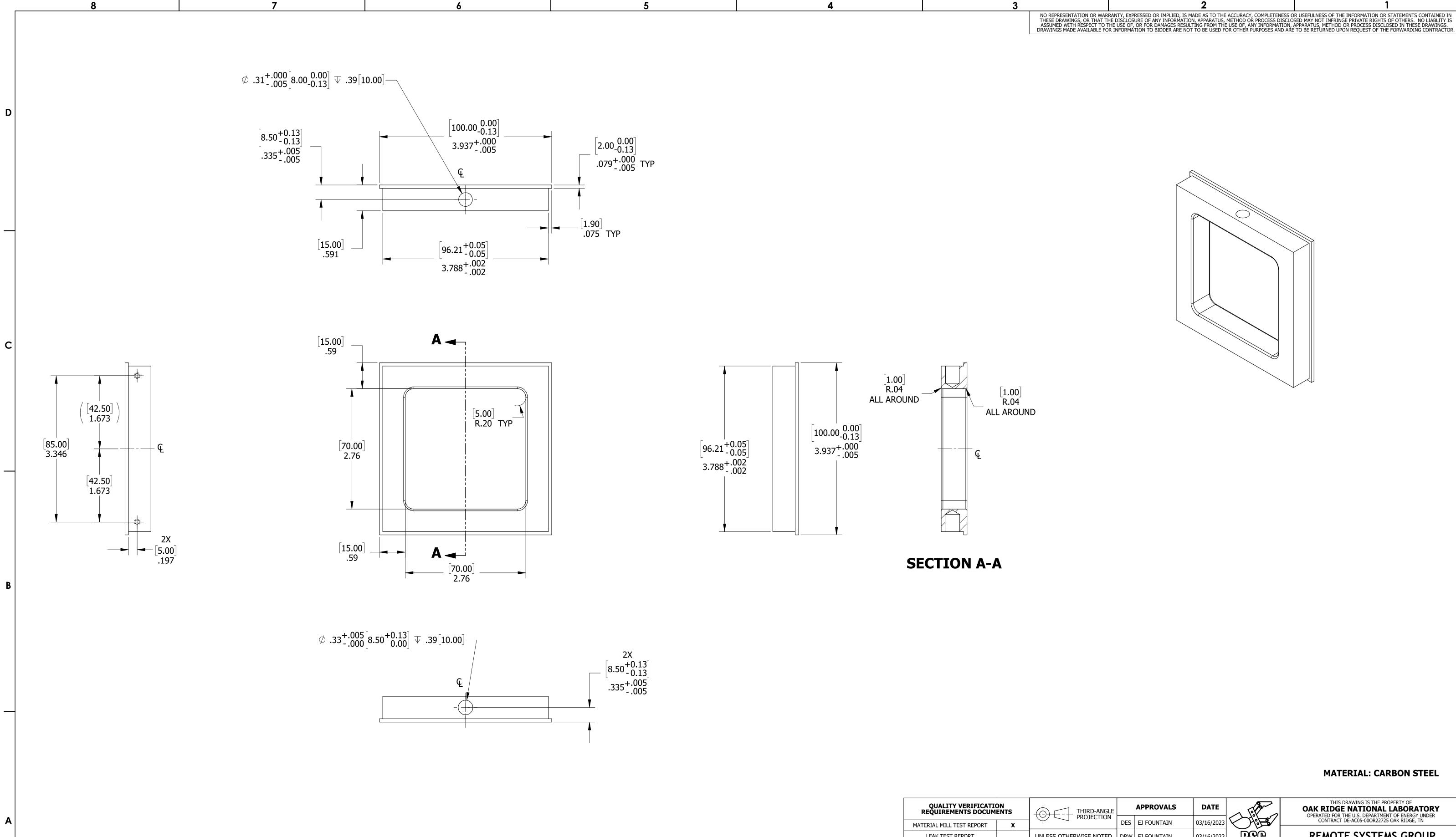
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MATERIAL: CARBON STEEL

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QUALITY VERIFICATIO REQUIREMENTS DOCUM	ON ENTS	THIRD-ANGLE		APPROVALS	DATE		rel an		-	RIDGE	RAWING IS THE NATION HE U.S. DEPART	AL LAE	BORAT	-	
MATERIAL MILL TEST REPORT	X		DES	EJ FOUNTAIN	03/16/2023), E	∕	C	ONTRACT I	DE-AC05-00OR2	2725 OAK	RIDGE, TN		_
LEAK TEST REPORT		UNLESS OTHERWISE NOTED	DRW	EJ FOUNTAIN	03/16/2023		3SG		RE	MOT	E SYST	EMS	GROI	JP	
CLEANING CERT		DIMENSIONS ARE IN INCHES	СНК	JP SLADE	03/24/2023										
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M	ENG		03/16/2023	EPIC									
HEAT TREAT REPORT		BREAK SHARP CORNERS AND			03/10/2023) 		т	OW	ER A	SSEME	BLY			
DIMENSIONAL REPORT		REMOVE ALL BURRS	QA					-							
MATERIAL SELLER CERT		DEFAULT TOLERANCES							Dł		PLATE				
FUNCTIONAL TEST REPORT		LINEAR ANGULAR X.X = ±.100 ±1/2°			159 LBS	SIZE	NEXT AS	SY		DWG NO).			REV	
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NONCONFORMANCE REPORT	X	DO NOT SCALE DRAWING	1 '	SolidWork		SCALE	1:1	NAME	BACK	PLATE			SHEET	1 of 1	
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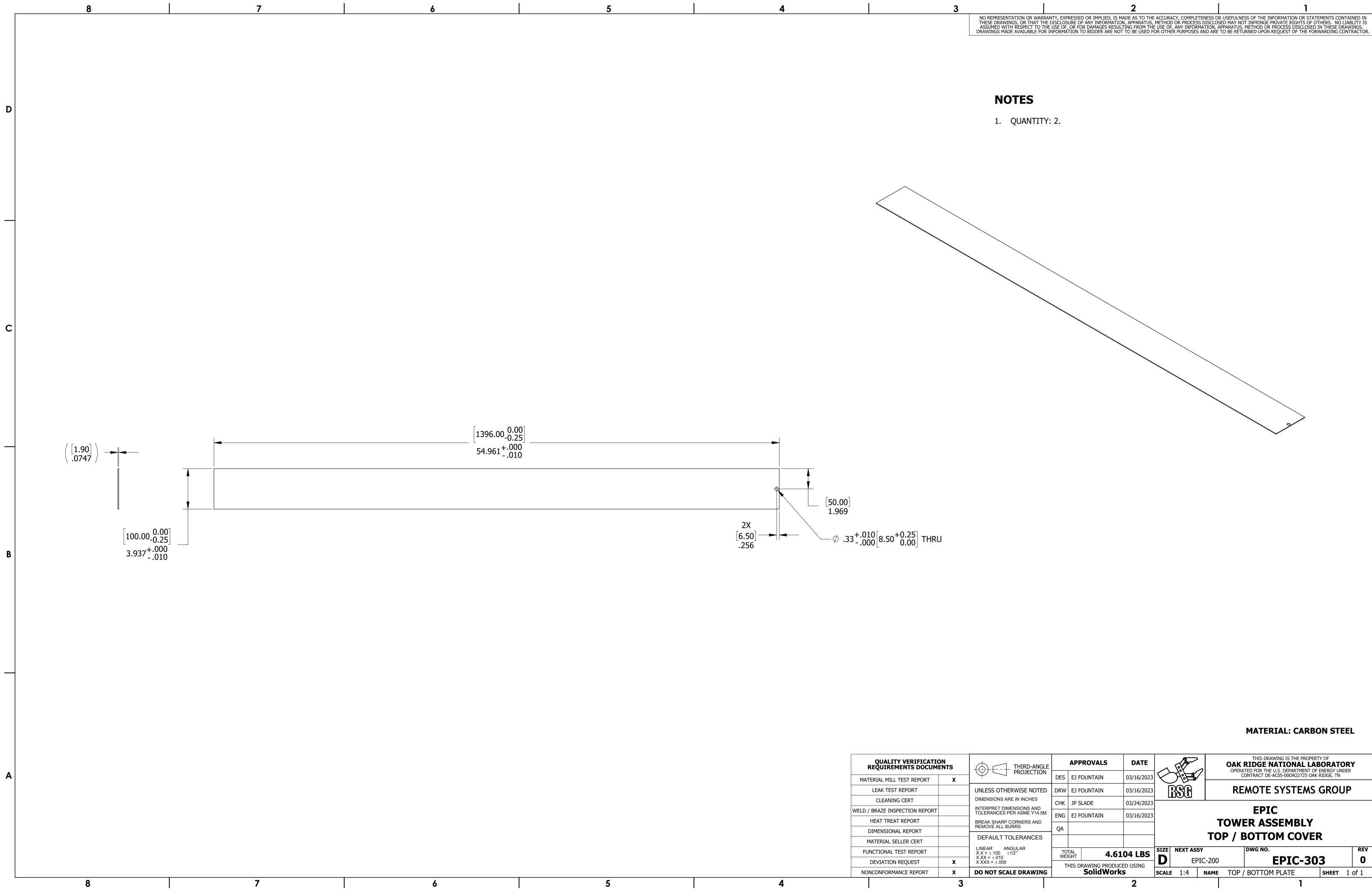
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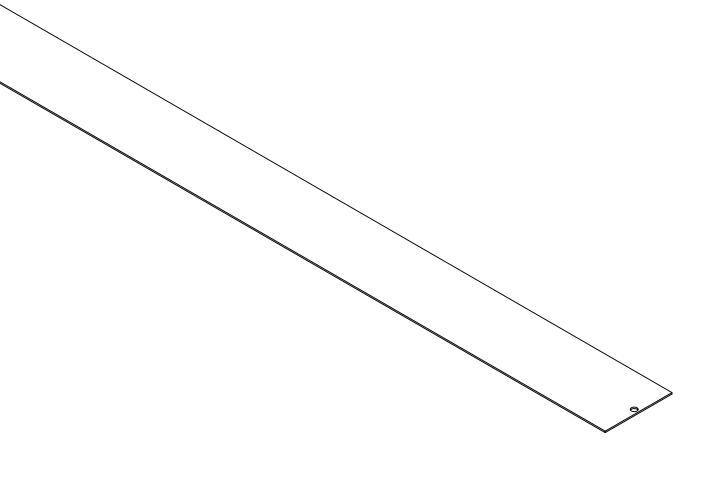
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QUALITY VERIFICATIO REQUIREMENTS DOCUME	ON ENTS			APPROVALS	DATE			-	THIS DRAWING IS THE PROPER RIDGE NATIONAL LAI ITED FOR THE U.S. DEPARTMENT OF	BORAT	-
MATERIAL MILL TEST REPORT	X	PROJECTION	DES	EJ FOUNTAIN	03/16/2023		∕⊨		ONTRACT DE-AC05-00OR22725 OAK		
LEAK TEST REPORT		UNLESS OTHERWISE NOTED	DRW	EJ FOUNTAIN	03/16/2023	BSG		RE	MOTE SYSTEMS	GRO	JP
CLEANING CERT		DIMENSIONS ARE IN INCHES	СНК	JP SLADE	03/24/2023						
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M	ENG		03/16/2023	-			EPIC		
HEAT TREAT REPORT		BREAK SHARP CORNERS AND			03/10/2023						
DIMENSIONAL REPORT		REMOVE ALL BURRS	QA				-				
MATERIAL SELLER CERT		DEFAULT TOLERANCES					10	P / E	BOTTOM COVE	K	
FUNCTIONAL TEST REPORT		LINEAR ANGULAR X.X = ±.100 ±1/2°				SIZE NEXT AS	SY		DWG NO.		REV
DEVIATION REQUEST	X	X.XX = ±.010 X.XXX = ±.005		IGHT 4.0		- D EF	PIC-200		EPIC-30	3	0
NONCONFORMANCE REPORT	X	DO NOT SCALE DRAWING	1 '	SolidWork		SCALE 1:4	NAME	TOP /	BOTTOM PLATE	SHEET	1 of 1
	3		2			1					

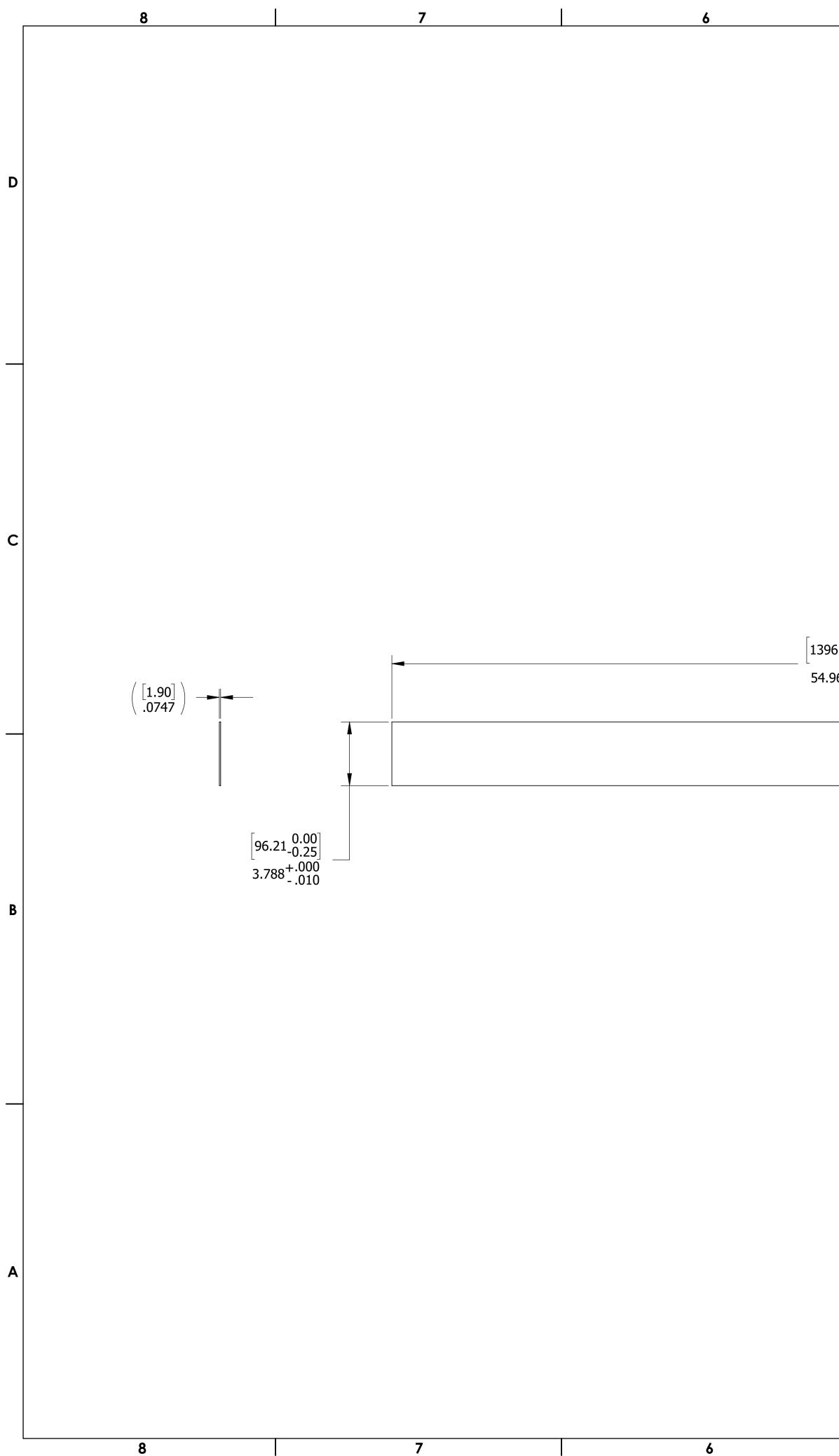
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	CLEANING CERT		DIMENSIONS ARE IN INCH
	BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS TOLERANCES PER ASME
WELD / I			BREAK SHARP CORNERS
	IEAT TREAT REPORT		
ŀ	IEAT TREAT REPORT		
H D			DEFAULT TOLERAN

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THIS DRAWING IS THE PROPERTY OF OAK RIDGE NATIONAL LABORATORY OPERATED FOR THE U.S. DEPARTMENT OF ENERGY UNDER CONTRACT DE-AC05-000R22725 OAK RIDGE, TN - Color APPROVALS DATE D-ANGLE DES EJ FOUNTAIN 03/23/2023 RSG REMOTE SYSTEMS GROUP E NOTED DRW EJ FOUNTAIN 03/23/2023 CHES CHK JP SLADE 03/23/2023 EPIC 5 AND E Y14.5M ENG EJ FOUNTAIN 03/23/2023 Ð **TOWER ASSEMBLY** S AND QA ANCES SIDE COVER Σ LINEAR ANGULAR X.X = ±.100 ±1/2° X.XX = ±.010 X.XXX = ±.005 4.4934 LBS
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 DWG NO. SIZE NEXT ASSY TOTAL WEIGHT **EPIC-304** EPIC-200 THIS DRAWING PRODUCED USING SolidWorks X DO NOT SCALE DRAWING SCALE 1:4 NAME SIDE COVER 2 1

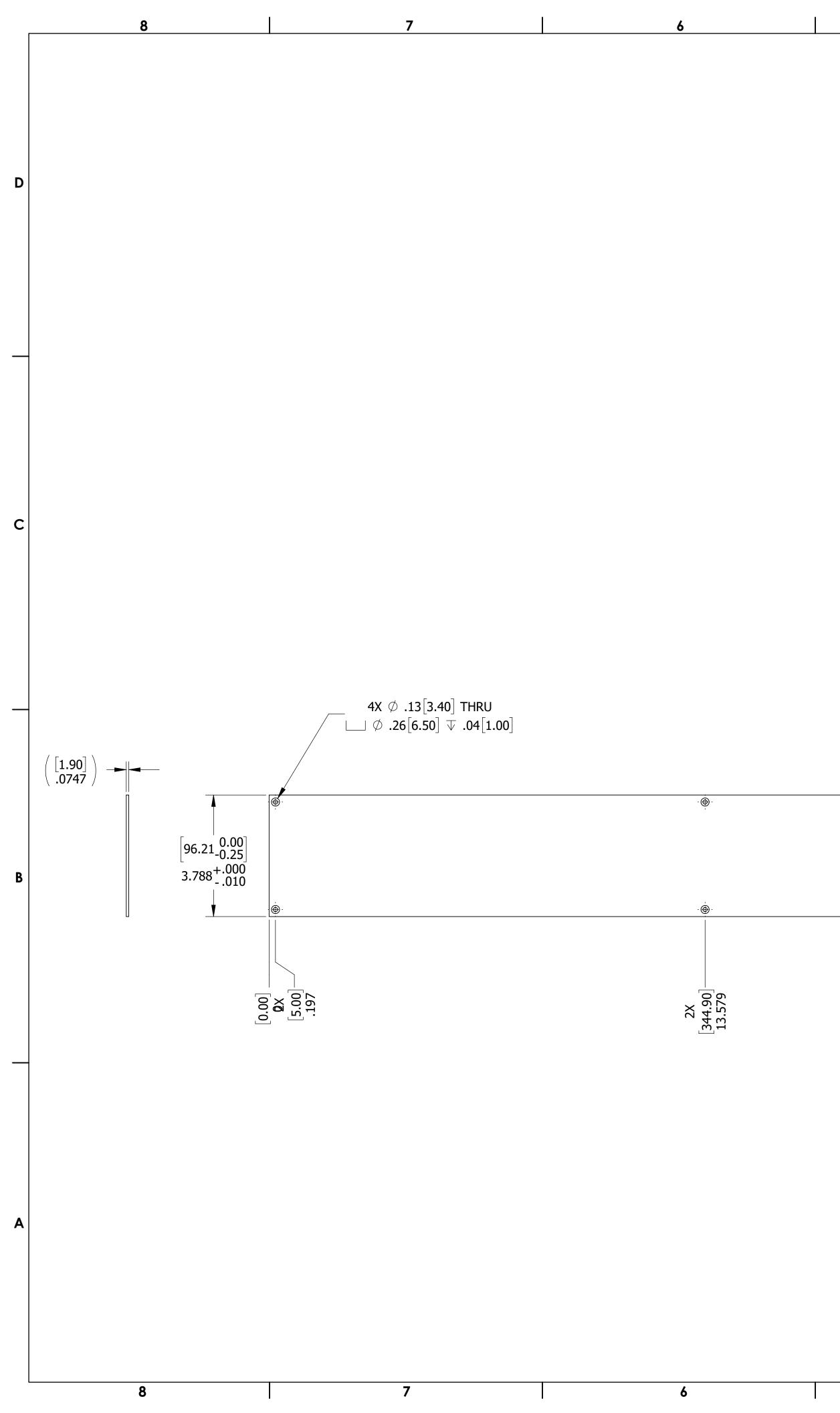
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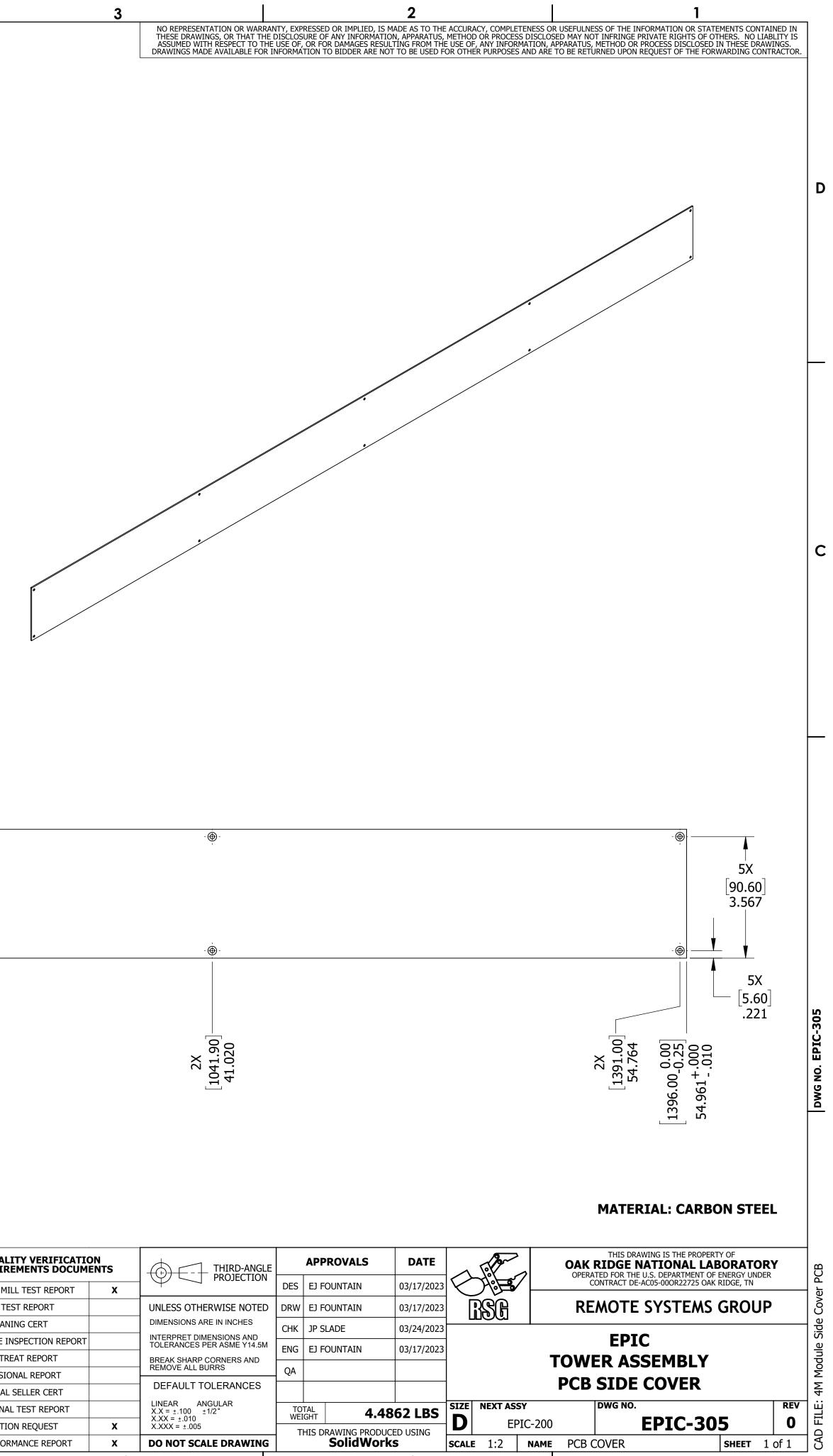
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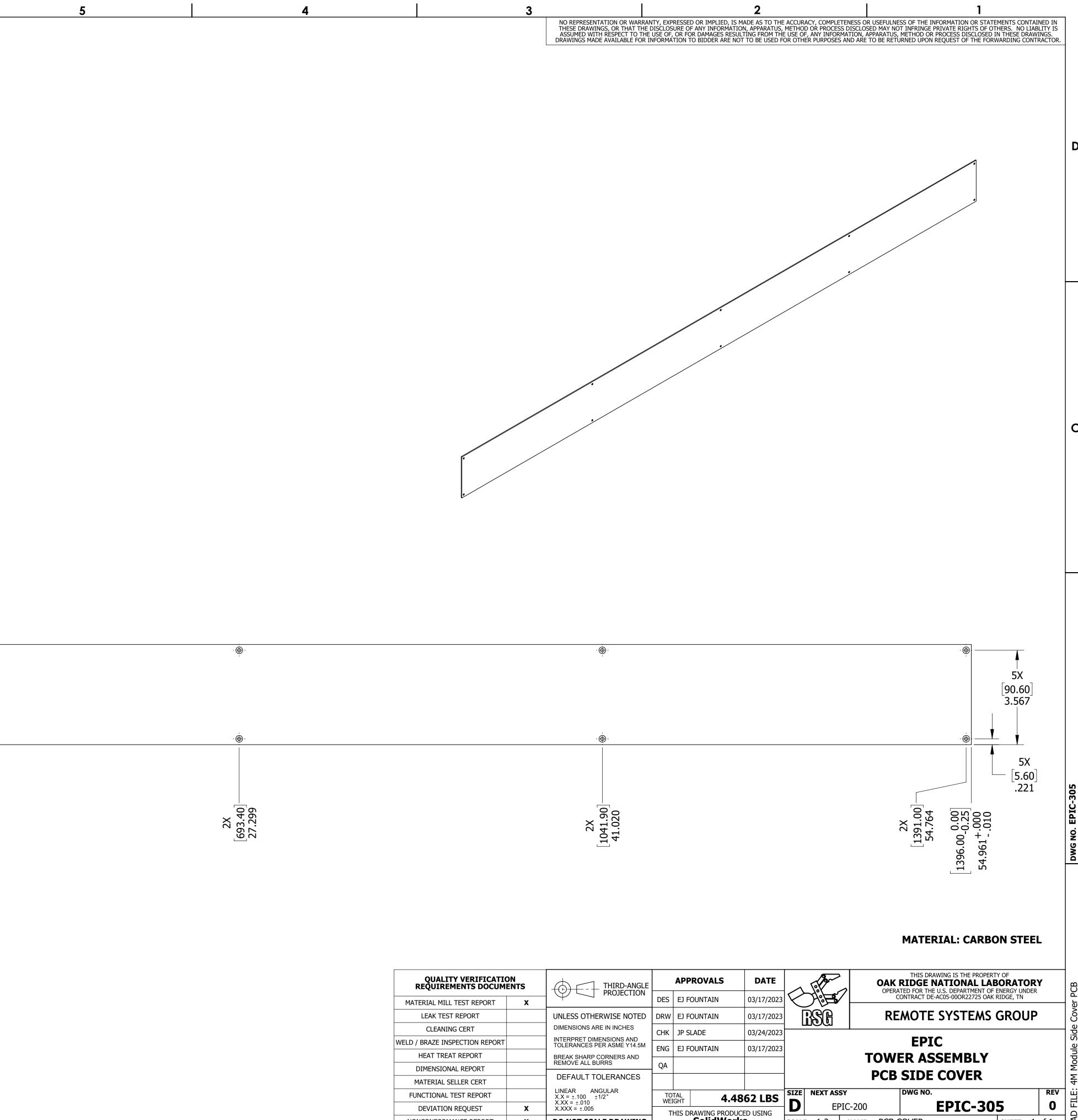
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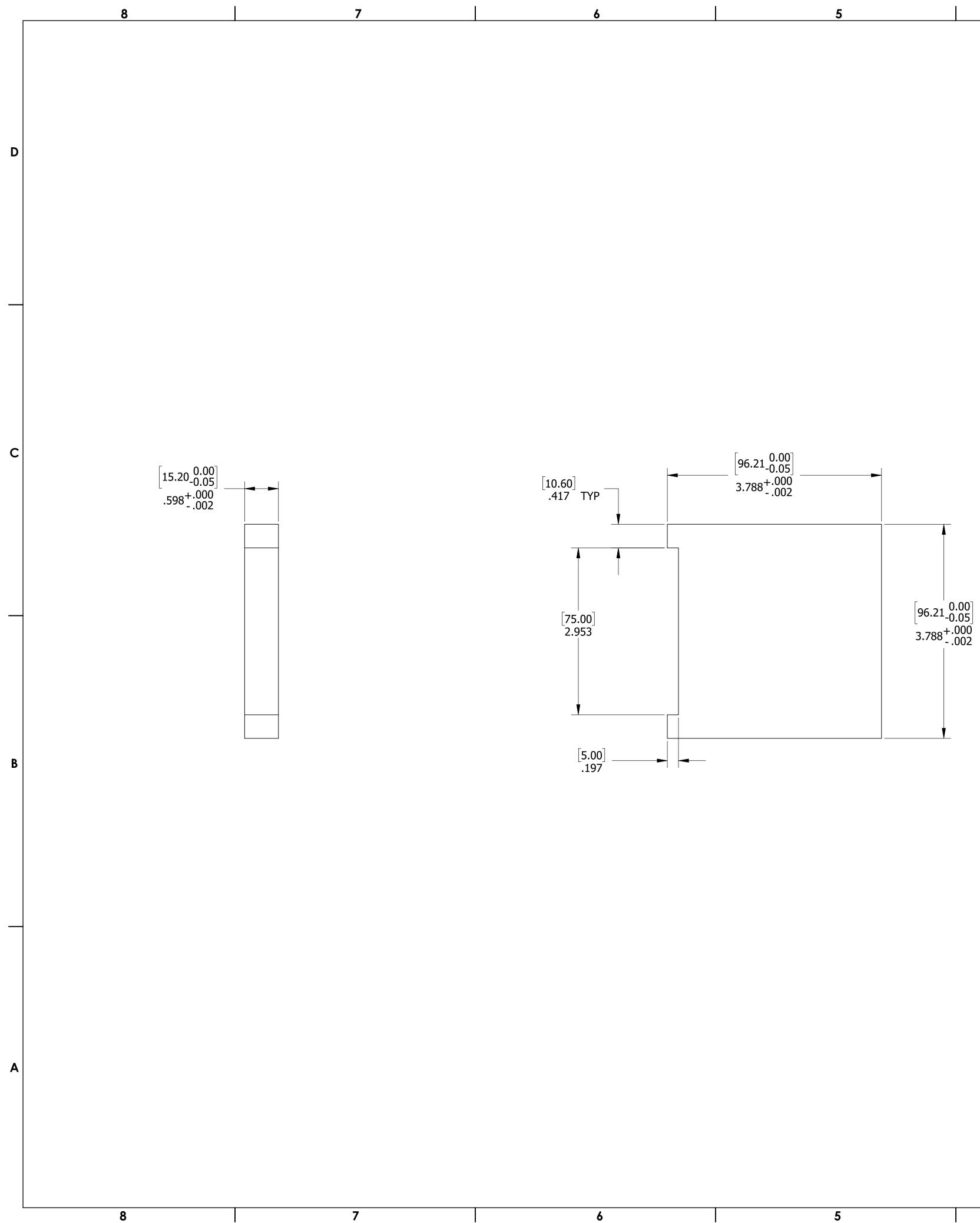








QUALITY VERIFICATIO REQUIREMENTS DOCUM	ON ENTS	
MATERIAL MILL TEST REPORT	X	
LEAK TEST REPORT		UNLESS OTHERWISE N
CLEANING CERT		DIMENSIONS ARE IN INCH
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS
HEAT TREAT REPORT		BREAK SHARP CORNERS
DIMENSIONAL REPORT		REMOVE ALL BURRS
MATERIAL SELLER CERT		DEFAULT TOLERAN
FUNCTIONAL TEST REPORT		LINEAR ANGULAR X.X = $\pm .100 \pm 1/2^{\circ}$
DEVIATION REQUEST	X	X.XX = ±.010 X.XXX = ±.005
NONCONFORMANCE REPORT	X	DO NOT SCALE DRAV
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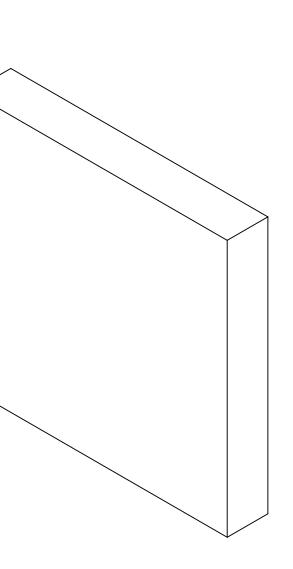


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1. QUANTITY: 58.

QUALITY VERIFICATION REQUIREMENTS DOCUM		THIRD-ANGLE	APPROVALS	DATE		1. Com	2		THIS DRAWING IS THE PRO RIDGE NATIONAL L TED FOR THE U.S. DEPARTMENT	ABORAT		
MATERIAL MILL TEST REPORT	x		DES EJ FOUNTAIN	03/08/2023		X:₽́	∕		ONTRACT DE-AC05-00OR22725 (
LEAK TEST REPORT		UNLESS OTHERWISE NOTED	DRW EJ FOUNTAIN	03/08/2023		SG		RE	MOTE SYSTEM	S GRO	JP	
CLEANING CERT		DIMENSIONS ARE IN INCHES	CHK JP SLADE	03/24/2023								
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M	ENG EJ FOUNTAIN	03/08/2023	2				EPIC			
HEAT TREAT REPORT		BREAK SHARP CORNERS AND		03/00/2023	, _		т	OW	ER ASSEMBLY	(
DIMENSIONAL REPORT		REMOVE ALL BURRS	QA				_			-		
MATERIAL SELLER CERT		DEFAULT TOLERANCES					SIE		BSORBER PL	AIC		
FUNCTIONAL TEST REPORT		LINEAR ANGULAR X.X = ±.100 ±1/2°	TOTAL 2.35	10 LBS	SIZE	NEXT ASS	SY		DWG NO.			EV
DEVIATION REQUEST	Х	X.XX = ±.010 X.XXX = ±.005		T 2.3510 LBS D EPIC-2					EPIC-3	06		0
NONCONFORMANCE REPORT	x	DO NOT SCALE DRAWING	SolidWork		SCALE 1:1 N			STEE	ABSORBER PLATE	SHEET	1 of 1	
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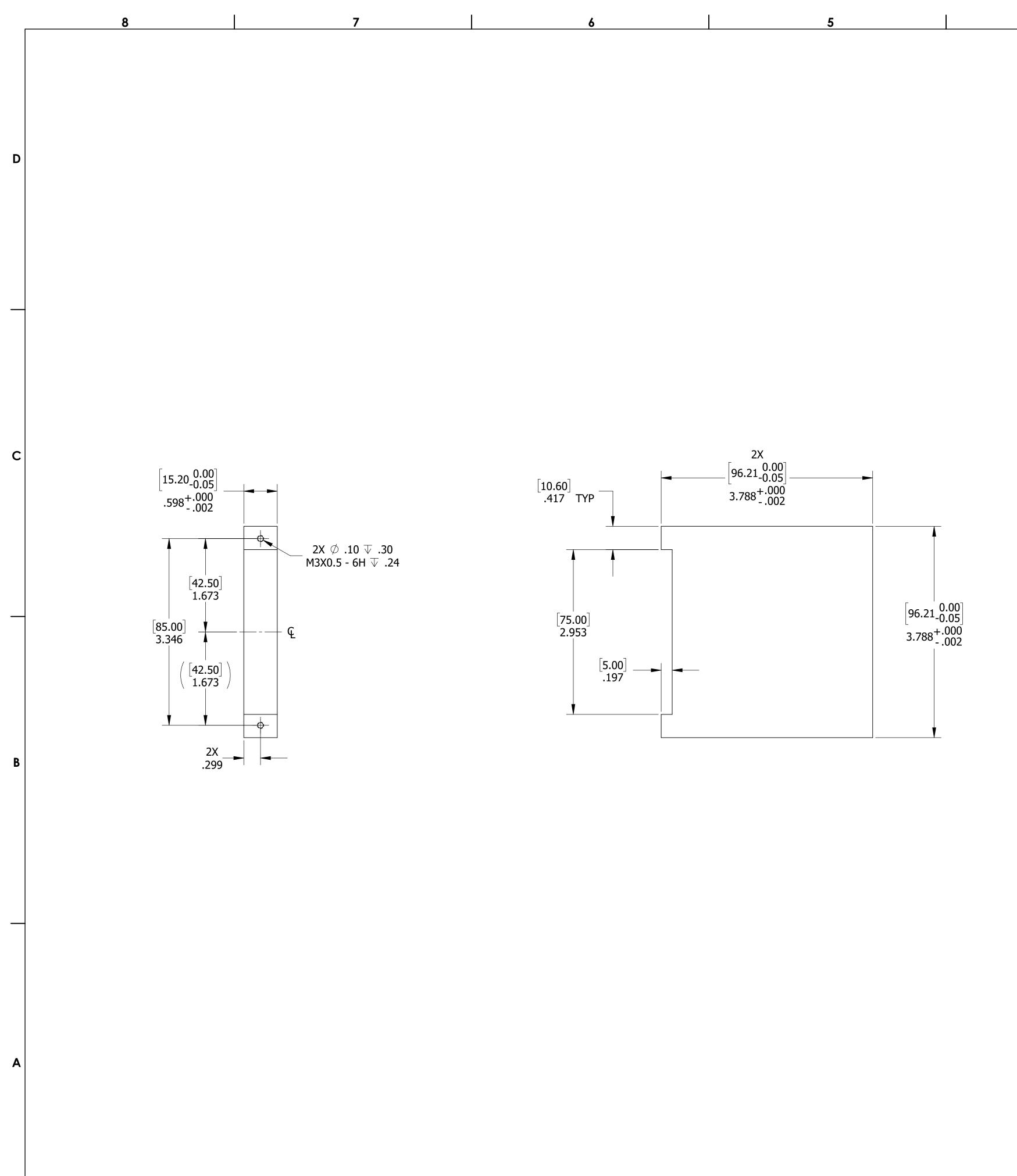


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MATERIAL: CARBON STEEL

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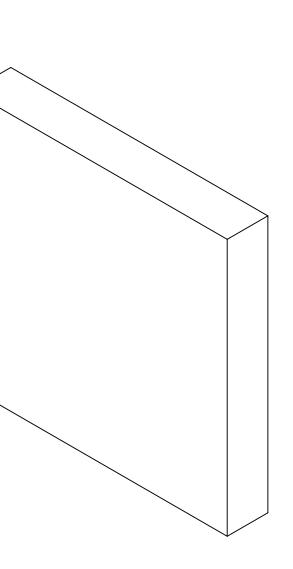
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1. QUANTITY: 3.

QUALITY VERIFICATIO						DATE					THIS DRAWING IS THE PROPERTY OF	
REQUIREMENTS DOCUM	ENTS			APPROV	ALS	DATE		1°	2		RIDGE NATIONAL LABORATO ATED FOR THE U.S. DEPARTMENT OF ENERGY UND	
MATERIAL MILL TEST REPORT	x		DES	EJ FOUNTA	IN	03/08/2023		J:E	∕		CONTRACT DE-AC05-00OR22725 OAK RIDGE, TN	
LEAK TEST REPORT		UNLESS OTHERWISE NOTED	DRW	EJ FOUNTA	IN	03/08/2023		RSG		RE	EMOTE SYSTEMS GROU	Ρ
CLEANING CERT		DIMENSIONS ARE IN INCHES	СНК	JP SLADE		03/24/2023						
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M	ENG			03/08/2023	-				EPIC	
HEAT TREAT REPORT		BREAK SHARP CORNERS AND		LJTOUNTA	111	03/00/2023					ER ASSEMBLY	
DIMENSIONAL REPORT			QA					СТЕ	_			
MATERIAL SELLER CERT		DEFAULT TOLERANCES						SIE		030	RBER PLATE, TAPPE	J
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DEVIATION REQUEST	X	X.XX = ±.010 X.XXX = ±.005					$ \mathbf{D} $	EF	PIC-200		EPIC-307	0
NONCONFORMANCE REPORT	CONFORMANCE REPORT X DO NOT SCALE DRAW				dWorks		SCALE	1:1	NAME	STEE	EL ABSORBER PLATE, TAPP EDEET	1 of 1
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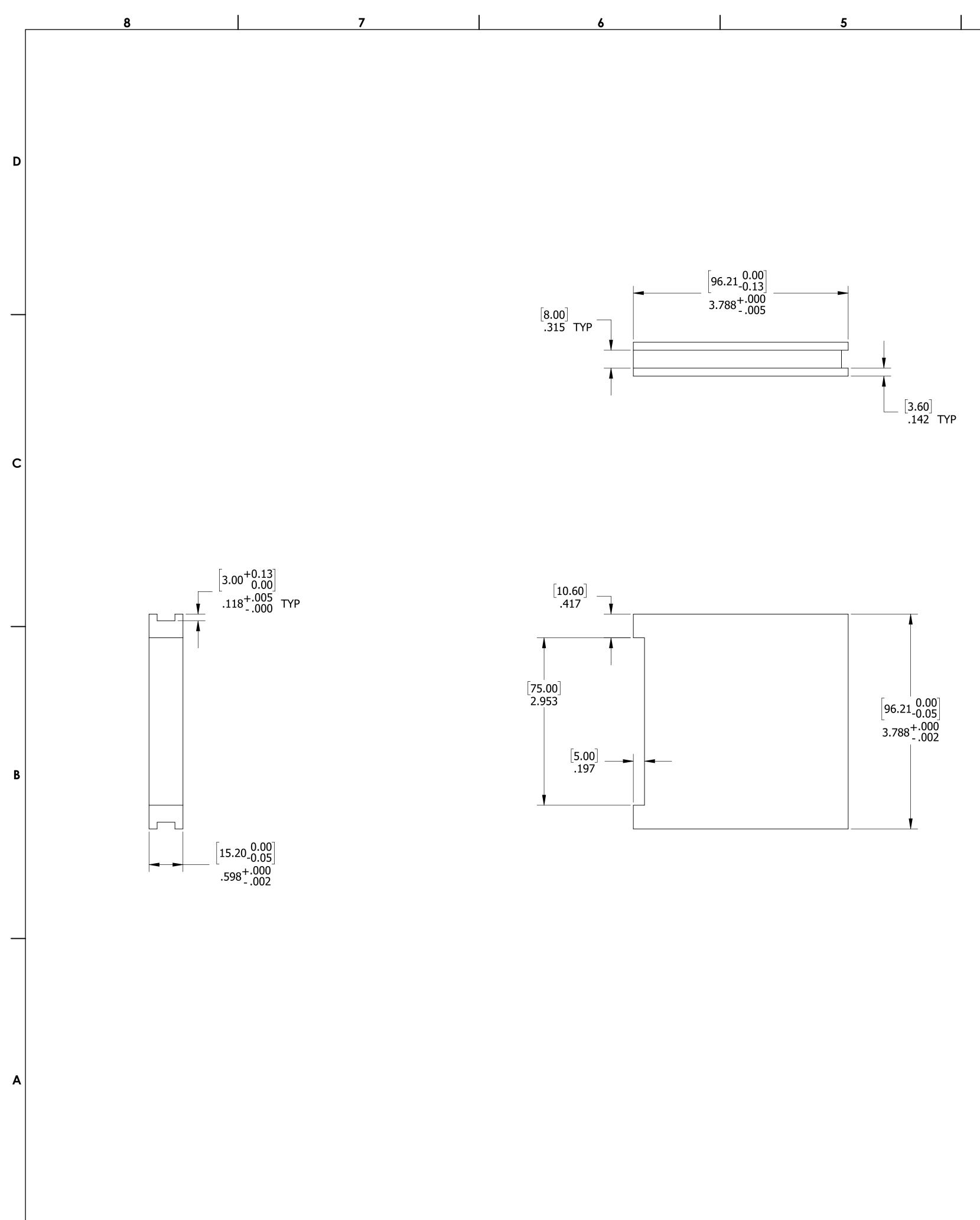
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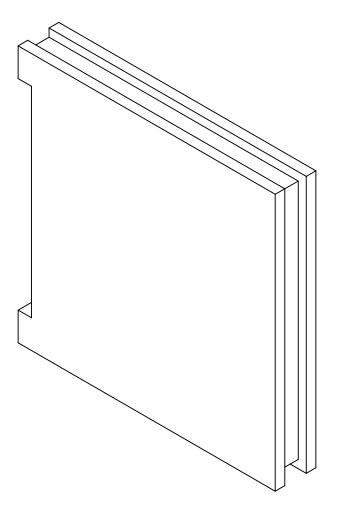
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1. QUANTITY: 4.

QUALITY VERIFICATIO REQUIREMENTS DOCUM	ON ENTS	+ THIRD-ANGLE		APPROVALS	DATE		I. A			THIS DRAWING IS THE PROPERTY OF RIDGE NATIONAL LABORAT STED FOR THE U.S. DEPARTMENT OF ENERGY U	
MATERIAL MILL TEST REPORT	x	PROJECTION	DES	EJ FOUNTAIN	03/07/2023);=	∕		ONTRACT DE-AC05-00OR22725 OAK RIDGE, TN	
LEAK TEST REPORT		UNLESS OTHERWISE NOTED	DRW	EJ FOUNTAIN	03/07/2023	з Г	RSG		RE	MOTE SYSTEMS GRO	JP
CLEANING CERT		DIMENSIONS ARE IN INCHES	СНК	JP SLADE	03/24/2023						
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M	ENG		03/07/2023	-				EPIC	
HEAT TREAT REPORT		BREAK SHARP CORNERS AND			03/07/2023	2 		т	OW	ER ASSEMBLY	
DIMENSIONAL REPORT		REMOVE ALL BURRS	QA				-	-			
MATERIAL SELLER CERT		DEFAULT TOLERANCES						UNG		I ABSORBER PLATE	
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NONCONFORMANCE REPORT	X	DO NOT SCALE DRAWING	1 '	SolidWork		SCALE	1:1	NAME	TUNG	STEN ABSORBER PLATE SHEET	1 of 1
	3			2						1	

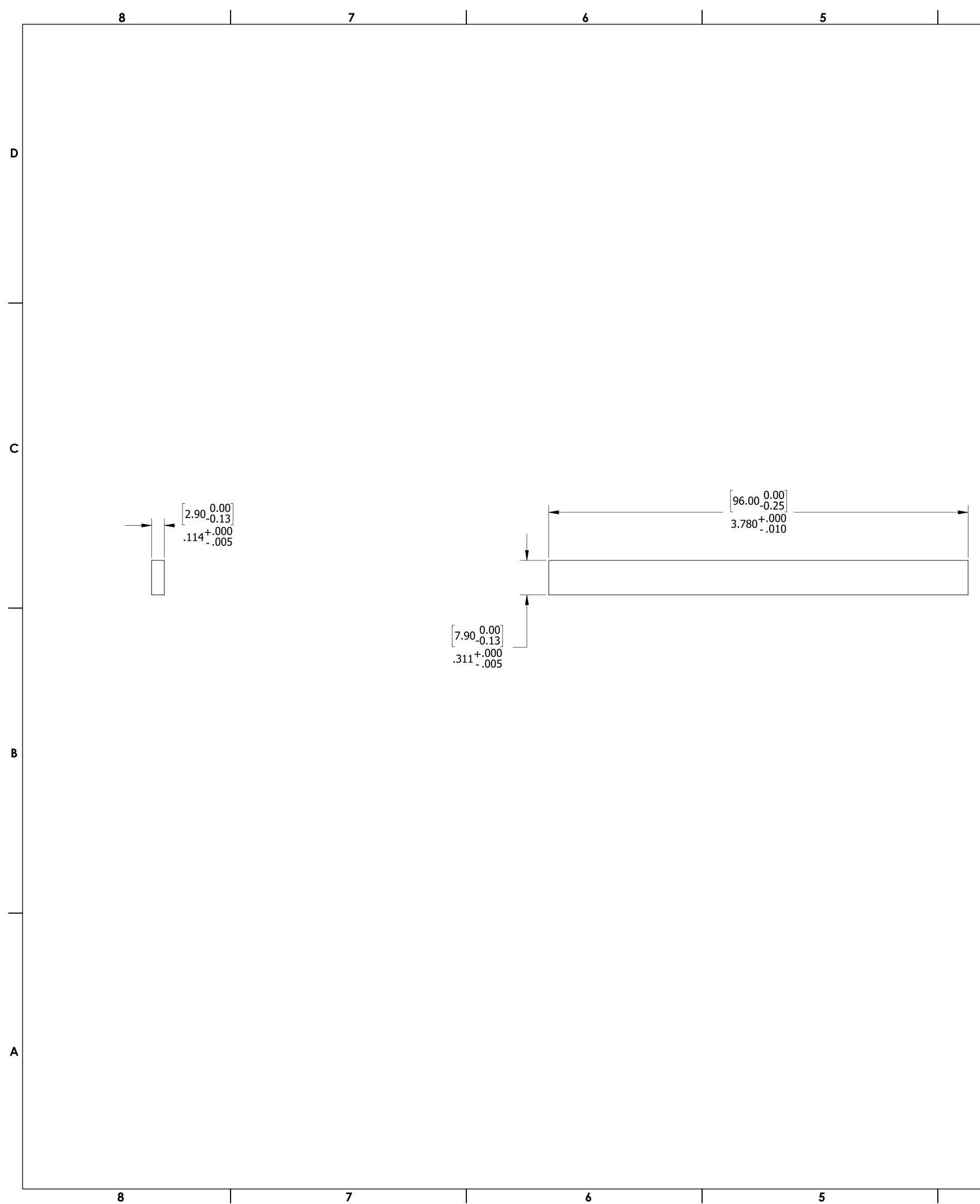
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MATERIAL: TUNGSTEN (W 6Ni-4Cu)

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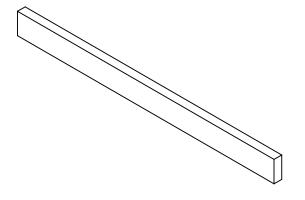


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1. QUANTITY: 8.

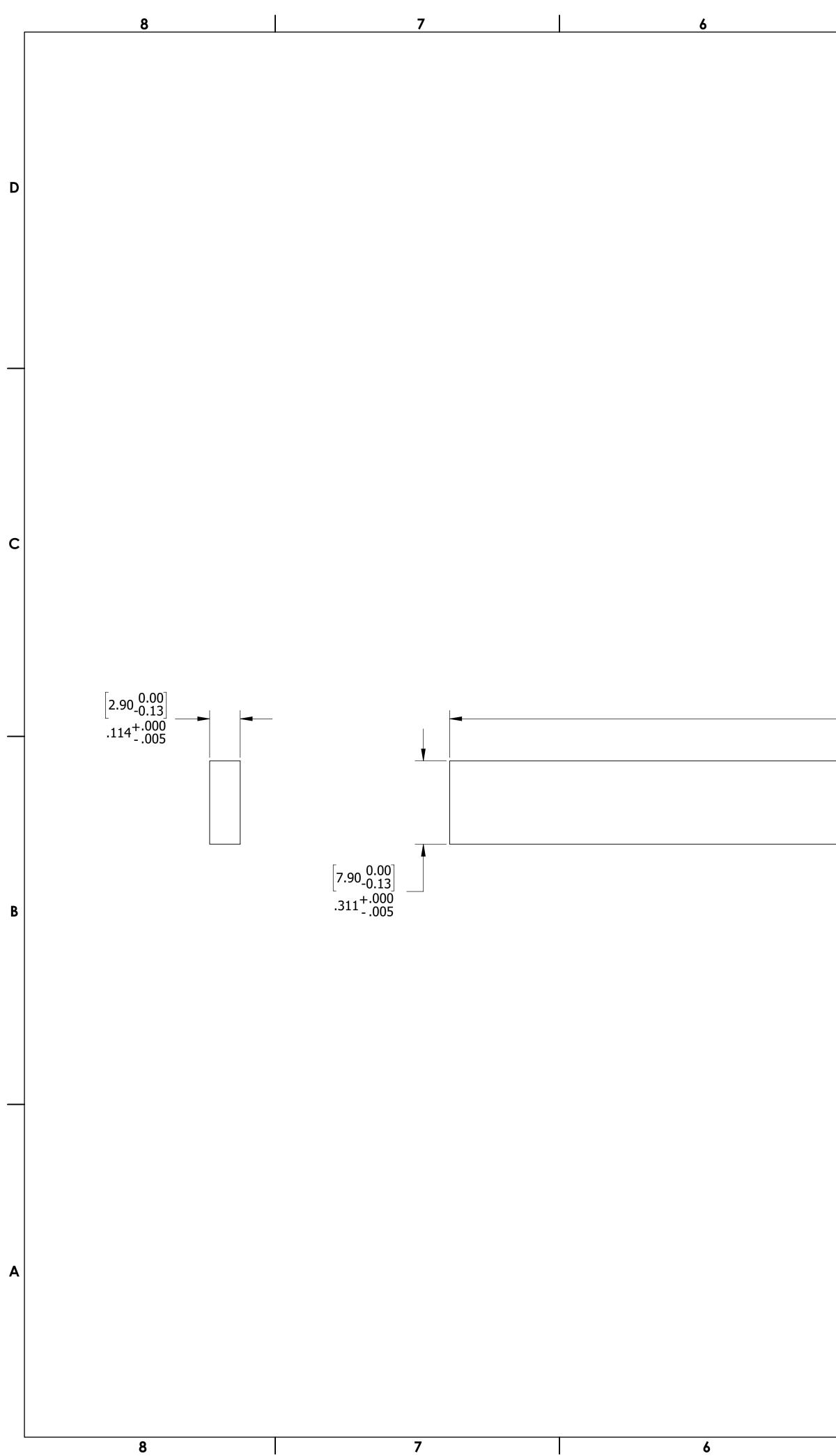
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CLEANING CERT		DIMENSIONS ARE IN INCHES	СНК	JP SLADE	03/24/2023										Plate
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M	ENG	EJ FOUNTAIN	03/24/2023					EP]	I C				ber
HEAT TREAT REPORT		BREAK SHARP CORNERS AND	ENG		03/24/2023	'		т	OWE	R AS	SEMB	LY			Absorber
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MATERIAL SELLER CERT		DEFAULT TOLERANCES							LU	NG	SHIM				4
FUNCTIONAL TEST REPORT		LINEAR ANGULAR X.X = ±.100 ±1/2°			78 LBS	SIZE	NEXT ASS	SY	1	DWG NO			_	REV	
DEVIATION REQUEST	X	X.XX = ±.010 X.XXX = ±.005	THIS DRAWING PRODUCED USING				EP	IC-200			EPIC	-30	9	0	D FIL
NONCONFORMANCE REPORT	X	DO NOT SCALE DRAWING				SCALE	2:1	NAME	LONG	SHIM			SHEET	1 of 1	CAL
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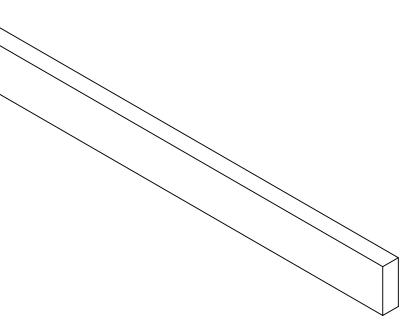
NOTES

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QUALITY VERIFICATION REQUIREMENTS DOCUMENTS		THIRD-ANGLE		APPROVALS				2	THIS DRAWING IS THE PROPERTY OF OAK RIDGE NATIONAL LABORATORY OPERATED FOR THE U.S. DEPARTMENT OF ENERGY UNDER			
MATERIAL MILL TEST REPORT	x		DES	EJ FOUNTAIN	03/24/2023	$ \bigcirc$	₽₽	∕		CONTRACT DE-AC05-00OR22725 OA		
LEAK TEST REPORT		UNLESS OTHERWISE NOTED	DRW	EJ FOUNTAIN	03/24/2023	R	SG		RE	EMOTE SYSTEMS	GROU	Ρ
CLEANING CERT		DIMENSIONS ARE IN INCHES	СНК	JP SLADE	03/24/2023							
WELD / BRAZE INSPECTION REPORT		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M	ENG	EJ FOUNTAIN	03/24/2023					EPIC		
HEAT TREAT REPORT		BREAK SHARP CORNERS AND		LITOURIAIN	05/21/2025	-		٦	WO	ER ASSEMBLY		
DIMENSIONAL REPORT		REMOVE ALL BURRS	QA					-	· · · · ·			
MATERIAL SELLER CERT		DEFAULT TOLERANCES							Эг	IORT SHIM		
FUNCTIONAL TEST REPORT		LINEAR ANGULAR X.X = ±.100 ±1/2°		TOTAL 0.0355 LBS SIZE NEXT ASSY		Y		DWG NO.		REV		
DEVIATION REQUEST	X	X.XX = ±.010 X.XXX = ±.005	THIS DRAWING PRODUCED USING					IC-300		EPIC-31	L O	0
NONCONFORMANCE REPORT	x	DO NOT SCALE DRAWING			SCALE 4:1 NAME		SHOF	RT SHIM	SHEET	1 of 1		
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