		8		7		6
	N	OTES				
	1.	ITEM 9 WILL BE ORIE	NTED WITH THE T	APPED HOLES FACING U	JP, ITEM 4 WILL BE OR	IENTED WITH
					EEDENCE EDOM ITEM 2	
D	Ζ.	ITEM 9 TO BE PLACED ABSORBER PLATES. M PLATES (ITEM 9) TO B PLATES (ITEM 8).		TTERN ON ITEM 5 & 9 T WELDED FOR PROPER		
	3.	E-BEAM WELD ALONG	CENTERLINE OF ( ), PERFORMING A	CONTACTING FACES ALL STAGGERED STITCH WE	ITEMS 3, 5, 6, & 9. ST	ART AT ITEM 4, AIL A. ALLOW 1/8"
		PLATES TO ENSURE P	ROPER PLATE SPA	s and edges. Do not Cing and final assme Jring the Welding Pr	BLY GEOMETRY. NOTE	THAT ITEM 5 & 6
		ITEM 3 IS TO BE WEL LENGTH IS MAINTAIN LEAST 0.020" WELD V	ded Along Centi Ied. E-Beam Weld Vidth at All Par	ERLINE OF CONTACTING SHALL PENETRATE WIT T INTERFACES. WELDIN PRIOR TO FULL SCALE P	g face to ensure ove Th sufficient depth Ig procedure to be d	ERALL ASSEMBLY TO ENSURE AT
	4.	POST MACHINE AND	OR STRAIGHTEN A /FRIFY THE INTEG	S NECESSARY POST WE RITY OF ALL WELDS AF	LDING TO ACHIEVE FIN	IAL DIMENSIONING
	5.	ALL WELDING AND W				
	6.	ALL WELDS SHALL RE CERTIFICATION OF C		SPECTION. SELLER SHA		-
	7.	ACCEPTABILITY OF TH	11NG VISUAL INSPI			
	8.	-		DR LEVEL III IN ACCORD		
С	0.	MINIMUM / 0.002" TH	ICKNESS MAXIMU	M PER ASTM B766.		
		3.18		START WE	ELDING FROM ITEM #4 H WELD	, 
		1/8" TYP – EDGE TO WELD				[4] [199.00] [7.835]
		2X			EN LINES SHOWN CLARITY	FULLY ASSEMBLED WITH ITEMS 1 & 8 INSTALLED
		[63.50] 2.50 TYP	0 0		1X	
		WELD LENGTH		3.5	0 TYP LENGTH	
		STAGGER WELD	S ========		LLNOTT	☐ .015 (U) 0 A B C
		EVERY 2ND PLA AS SHOWN	TE			
				NG DETIAL LE 1 : 4		
В						
		ENSURE NO GAP BET		& ITEMS 3 & 6 PRI		
				NOTE THAT THIS G	SAP WILL OPEN UP 3	361X THROUGH ITEM #5
			•	• •		ALONG CENTERLINE OF INNER PLATES
			•	• •	<b>.</b>	
					$\checkmark$	361X THROUGH ITEM #6 ALONG CENTERLINE
						OF INNER PLATES
	9 5	ABSORBER PLATE, TAPPED	AISI 1020 CARBON STEEL	PLATE	EPC-FWD-HCL-DET-PRT-107	
	8 55	ABSORBER PLATE	AISI 1020 CARBON STEEL	PLATE	EPC-FWD-HCL-DET-PRT-106	
٨	7 2 6 1	PCB SIDE COVER BOTTOM PLATE	AISI 304 STAINLESS STEEL	Sheet metal 14 Ga Sheet metal 14 Ga	EPC-FWD-HCL-DET-PRT-105 EPC-FWD-HCL-DET-PRT-104	
A	5 1	TOP PLATE	STEEL AISI 1020 CARBON STEEL	SHEET METAL 14 GA	EPC-FWD-HCL-DET-PRT-103	
	4 1	BACK PLATE	AISI 1020 CARBON STEEL	PLATE	EPC-FWD-HCL-DET-PRT-102	
	3 1	FRONT PLATE	AISI 1020 CARBON STEEL	PLATE	EPC-FWD-HCL-DET-PRT-101	
	2 10 1 20	MCMASTER_91390A129 MCMASTER_90358A001	ALLOY STEEL ALLOY STEEL	M6-1.0 X 12MM LG SET SCREW M3-0.5 X 6MM LG LOW SHCS	COTS COTS	

NAME/PART NO

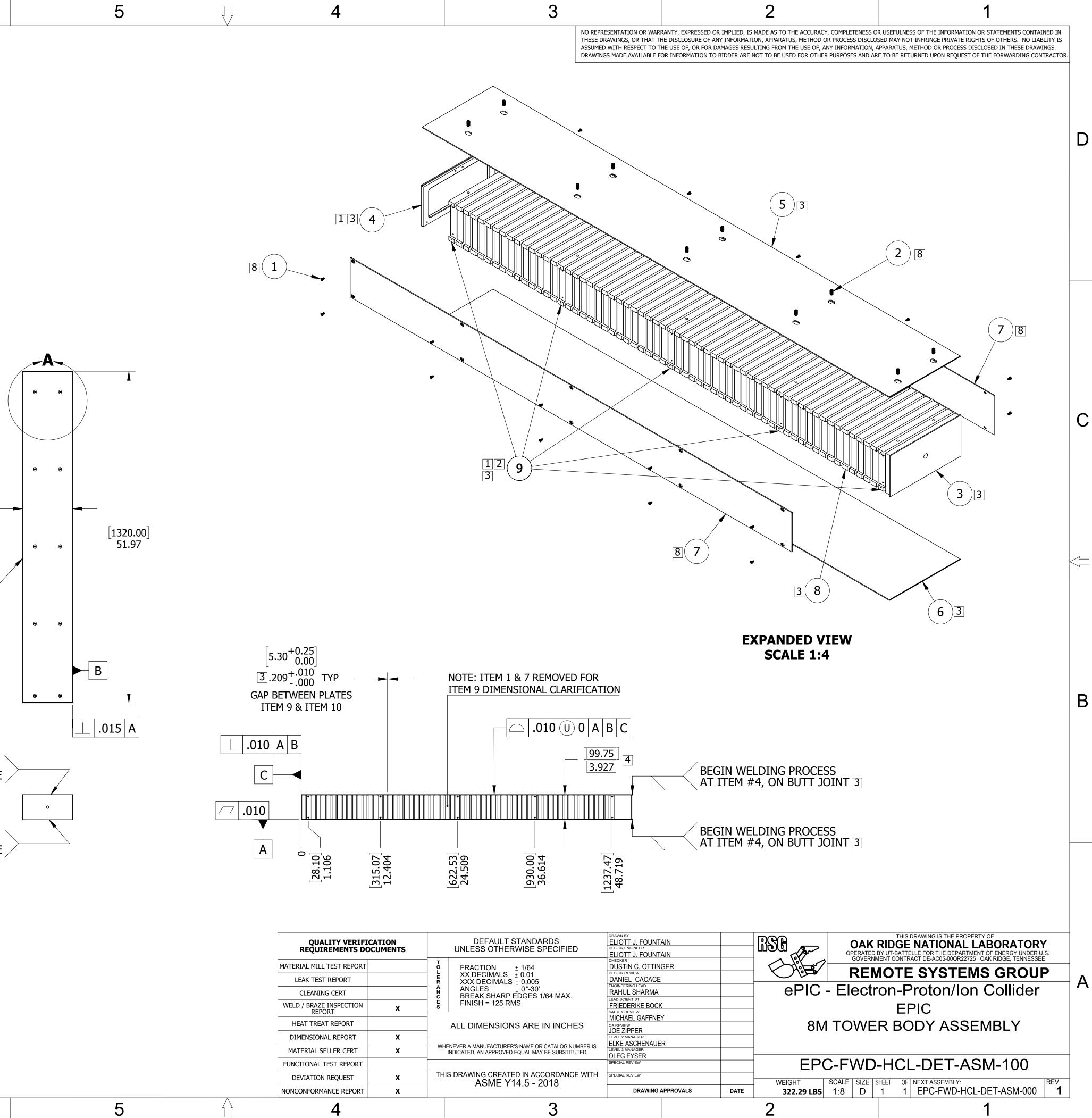
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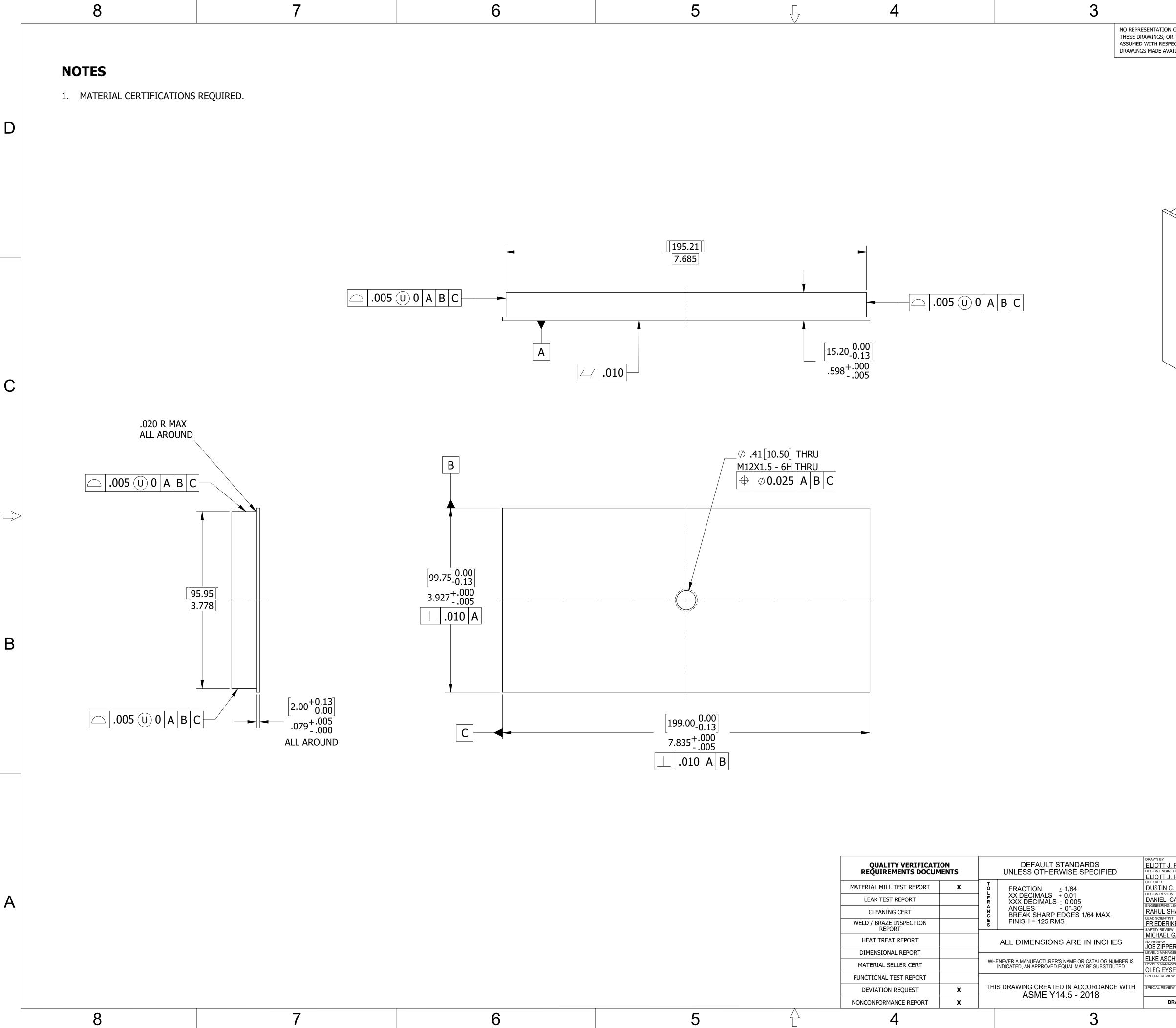
DESCRIPTION

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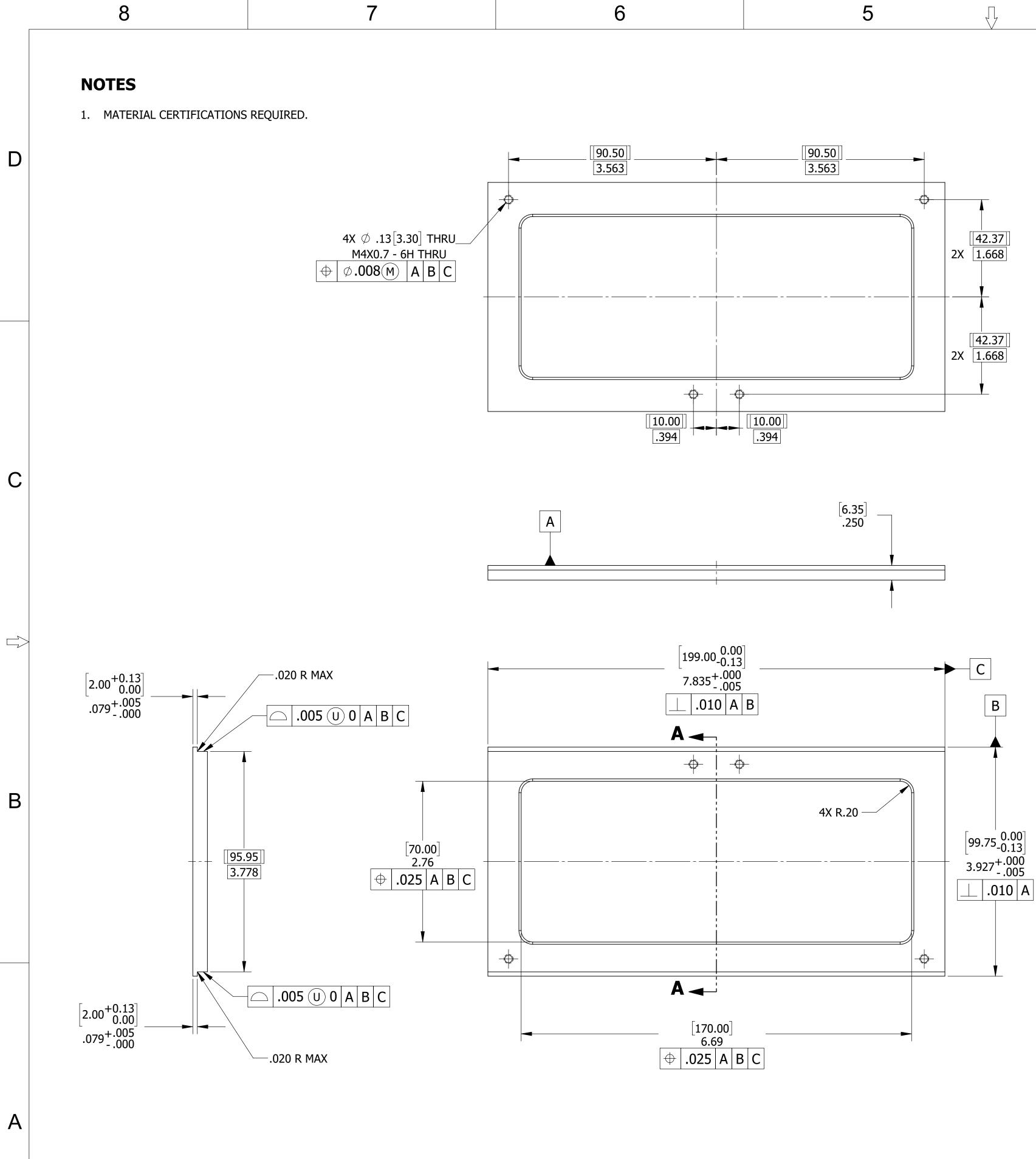
DWG

ITEM QTY.



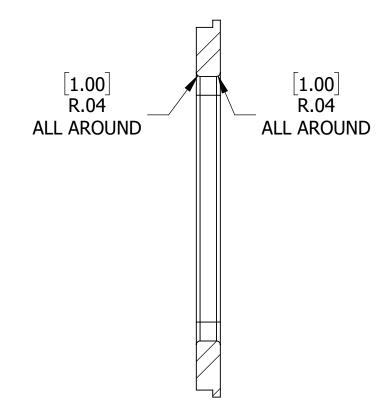


THAT THE DISCLOSURE OF A	IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN Y INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABLITY IS MAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. IDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.	
		D
$\frown$		
	ISOMETRIC VIEW	
		B
	MATERIAL: AISI 1020 CARBON STEEL	
	THIS DRAWING IS THE PROPERTY OF OAK RIDGE NATIONAL LABORATORY	
FOUNTAIN OTTINGER	GOVERNMENT CONTRACT DE-AC05-000R22725 OAK RIDGE, TENNESSEE	
/ CACACE FAD HARMA	ePIC - Electron-Proton/Ion Collider	A
r KE BOCK	EPIC	
GAFFNEY R	8M TOWER BODY ASSEMBLY	
HENAUER <sup>ER</sup> R		
N	EPC-FWD-HCL-DET-PRT-101           WEIGHT         SCALE         SIZE         SHEET         OF         NEXT ASSEMBLY:         REV	
RAWING APPROVALS	DATE         4.97 LBS         1:1         D         1         1         EPC-FWD-HCL-DET-ASM-100         1           2         1         5         1         1         1         EPC-FWD-HCL-DET-ASM-100         1	



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NO REPRESENTATION O THESE DRAWINGS, OR ASSUMED WITH RESPEC DRAWINGS MADE AVAIL



**SECTION A-A** 

QUALITY VERIFICA REQUIREMENTS DOC	TION UMENTS		DEFAULT STANDARDS UNLESS OTHERWISE SPECIFIED	DRAWN BY ELIOTT J. FC DESIGN ENGINEER ELIOTT J. FC			
MATERIAL MILL TEST REPORT	Х	T O	FRACTION ± 1/64	CHECKER DUSTIN C. C			
LEAK TEST REPORT		ER	XX DECIMALS ± 0.01 XXX DECIMALS ± 0.005	DESIGN REVIEW DANIEL CAC ENGINEERING LEAD			
CLEANING CERT		A N C	ANGLES ± 0°-30' BREAK SHARP EDGES 1/64 MAX.	RAHUL SHAI			
WELD / BRAZE INSPECTION REPORT		E S	FINISH = 125 RMS	LEAD SCIENTIST FRIEDERIKE SAFTEY REVIEW MICHAEL GA			
HEAT TREAT REPORT			ALL DIMENSIONS ARE IN INCHES				
DIMENSIONAL REPORT							
MATERIAL SELLER CERT			OFRACTION± 1/64LXX DECIMALS± 0.01RXXX DECIMALS± 0.005AANGLES± 0°-30'CBREAK SHARP EDGES 1/64 MAX.EFINISH = 125 RMS				
FUNCTIONAL TEST REPORT				OLEG EYSER SPECIAL REVIEW			
DEVIATION REQUEST	X	ТНІ		SPECIAL REVIEW			
NONCONFORMANCE REPORT	X		//GME 114.0 - 2010	DRAV			
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S, OR THAT THE DISCLOSURE OF AN RESPECT TO THE USE OF, OR FOR D	IY INFORMATION AMAGES RESULT	I, APPARATUS, METHOD OR ING FROM THE USE OF, AN	R PROCESS DISCLO Y INFORMATION, A	R USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN SED MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABLITY IS APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. E TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR	D
	ISO		EW		C
					B
			МАТ	ERIAL: AISI 1020 CARBON STEEL	
IT J. FOUNTAIN ENGINEER IT J. FOUNTAIN	[	BSG 5	OAK	THIS DRAWING IS THE PROPERTY OF <b>RIDGE NATIONAL LABORATORY</b> BY UT-BATTELLE FOR THE DEPARTMENT OF ENERGY UNDER U.S. MENT CONTRACT DE-AC05-000R22725 OAK RIDGE, TENNESSEE	_
			REN	NOTE SYSTEMS GROUP	A
RING LEAD JL SHARMA JENTIST DERIKE BOCK		ePIC -	Electr	on-Proton/Ion Collider	
AEL GAFFNEY		8M	TOWE	EPIC R BODY ASSEMBLY	
MANAGER ASCHENAUER MANAGER				ACK PLATE	
EYSER REVIEW REVIEW				-HCL-DET-PRT-102	
DRAWING APPROVALS	DATE	WEIGHT 0.82 LBS	SCALE SIZE SIZE SIZE	The state of Next Assembly: 1 1 EPC-FWD-HCL-DET-ASM-100 <b>1</b> <b>1</b>	
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## NOTES

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1. MATERIAL CERTIFICATIONS REQUIRED.

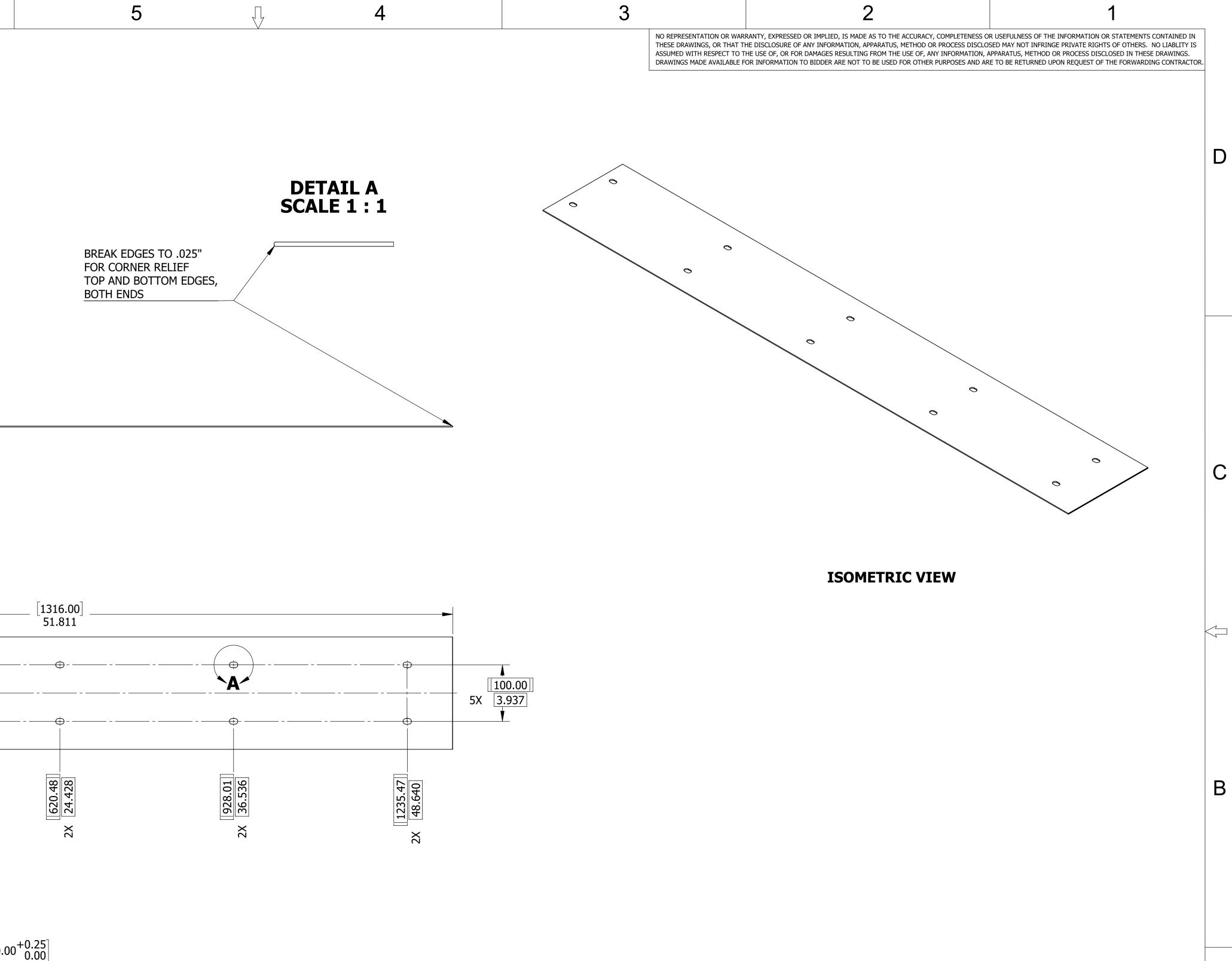
\_ [1.90] .0747 STK Α .010 A B - C  $\begin{bmatrix} 199.00 & 0.00 \\ 0.13 \end{bmatrix}$  $7.835^{+.000}_{-.005}$ 2X <u>12.38</u> [620.48] 2X 24.428 2X .000 В 0  $\begin{bmatrix} 15.00 + 0.25 \\ 0.00 \end{bmatrix}$ 10X .591 + .010 - .000  $\begin{bmatrix} 10.00 + 0.25 \\ 0.00 \end{bmatrix}$ 10X .394 + .010 - .000 ⊕ .025 M A B C ⊕ .010 M A B C  $\left( + \right)$ 

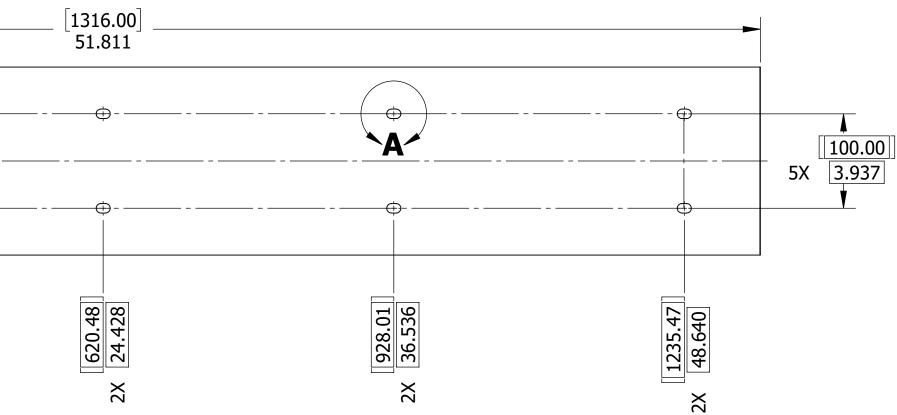
DETAIL A SCALE 1 : 2

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QUALITY VERIFIC/ REQUIREMENTS DOC	ATION UMENTS		DEFAULT STANDARDS UNLESS OTHERWISE SPECIFIED	DRAWN BY ELIOTT J. F DESIGN ENGINEE ELIOTT J. F
MATERIAL MILL TEST REPORT	X	T O	FRACTION ± 1/64	DUSTIN C.
LEAK TEST REPORT		ER	XX DECIMALS ± 0.01 XXX DECIMALS ± 0.005	DESIGN REVIEW DANIEL CA ENGINEERING LE
CLEANING CERT		A N C	ANGLES ± 0°-30' BREAK SHARP EDGES 1/64 MAX.	RAHUL SH
WELD / BRAZE INSPECTION REPORT		E S	FRIEDERIK SAFTEY REVIEW	
HEAT TREAT REPORT		]	ALL DIMENSIONS ARE IN INCHES	
DIMENSIONAL REPORT		]		JOE ZIPPER
MATERIAL SELLER CERT		Т WH	IENEVER A MANUFACTURER'S NAME OR CATALOG NUMBER IS INDICATED, AN APPROVED EQUAL MAY BE SUBSTITUTED	ELKE ASCH
FUNCTIONAL TEST REPORT		1		SPECIAL REVIEW
DEVIATION REQUEST	X	TH	IS DRAWING CREATED IN ACCORDANCE WITH ASME Y14.5 - 2018	SPECIAL REVIEW
NONCONFORMANCE REPORT	X	]	AGINE 114.3 - 2010	DR
4			3	

MATERIAL: AISI 1020 CARBON STEEL

J. FOUNTAIN <sup>NEER</sup> J. FOUNTAIN		THIS DRAWING IS THE PROPERTY OF OAK RIDGE NATIONAL LABORATO OPERATED BY UT-BATTELLE FOR THE DEPARTMENT OF ENERGY UND GOVERNMENT CONTRACT DE-AC05-000R22725 OAK RIDGE, TENNE	ER U.S.				
C. OTTINGER		REMOTE SYSTEMS GRO					
SHARMA		ePIC - Electron-Proton/Ion Collide	er A				
		EPIC					
<u>_ GAFFNEY</u> PER		8M TOWER BODY ASSEMBLY					
ager CHENAUER ager		TOP PLATE					
ISER IIEW		EPC-FWD-HCL-DET-PRT-103					
IEW DRAWING APPROVALS	DATE	WEIGHT SCALE SIZE SHEET OF NEXT ASSEMBLY: 8.61 LBS 1:4 D 1 1 EPC-FWD-HCL-DET-ASM-10	0 <b>1</b>				
		2 1					

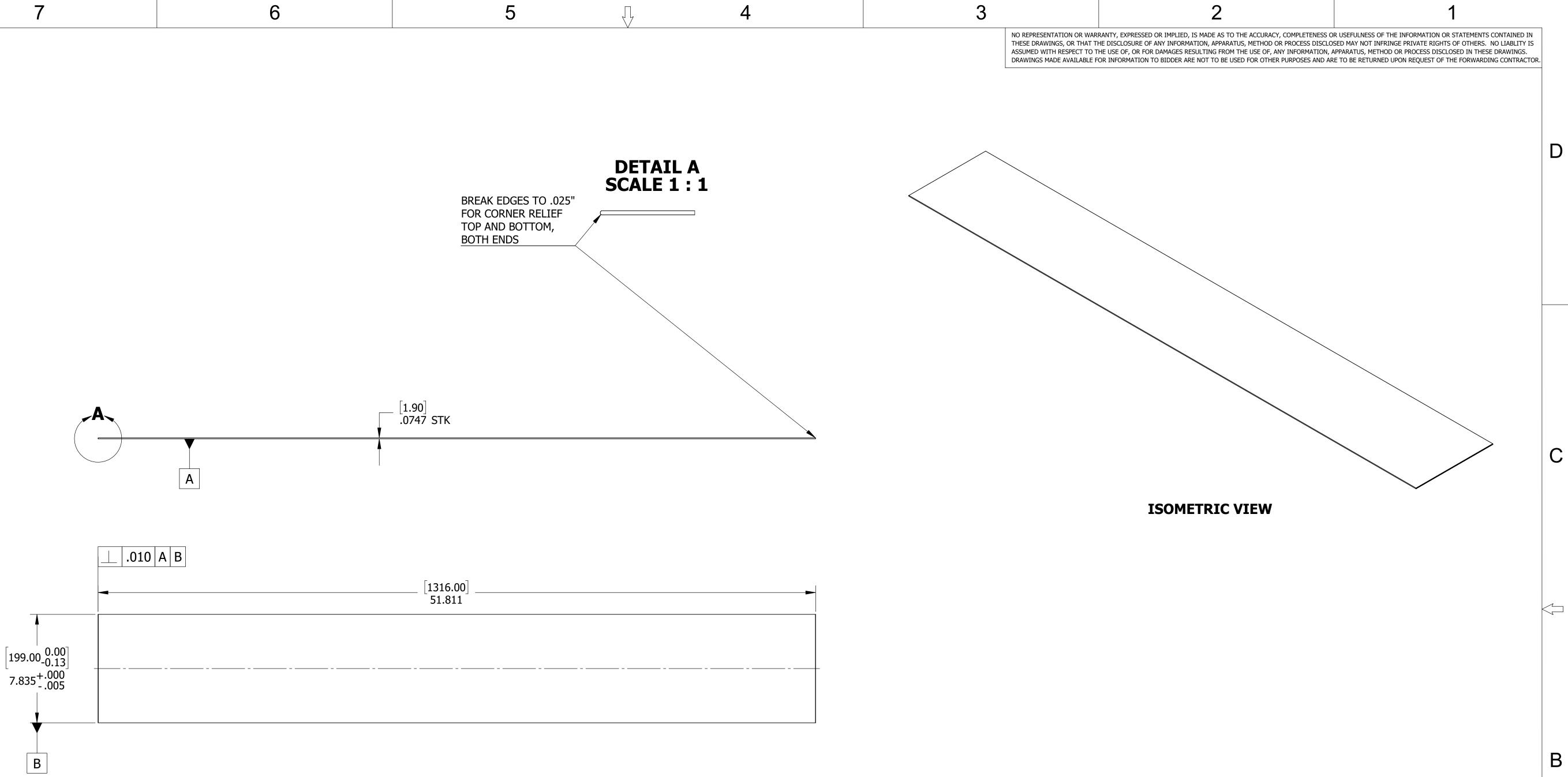
1. MATERIAL CERTIFICATIONS REQUIRED.

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NONCONFORMANCE REPORT	X		DRAWING A	PPROVALS	DATE	8.65 LBS 1:4 D	1 1 EPC-FWD-HCL-DET-ASM-100 <b>1</b>
DEVIATION REQUEST	x	THIS DRAWING CREATED IN ACCORDANCE WITH ASME Y14.5 - 2018	SPECIAL REVIEW			WEIGHT SCALE SIZE	SHEET OF NEXT ASSEMBLY: REV
FUNCTIONAL TEST REPORT			SPECIAL REVIEW			EPC-FWD	-HCL-DET-PRT-104
MATERIAL SELLER CERT		WHENEVER A MANUFACTURER'S NAME OR CATALOG NUMBER IS INDICATED, AN APPROVED EQUAL MAY BE SUBSTITUTED	LEVEL 3 MANAGER	<u>\</u>			
DIMENSIONAL REPORT			LEVEL 2 MANAGER ELKE ASCHENAUER	>		PC	TTOM PLATE
HEAT TREAT REPORT		ALL DIMENSIONS ARE IN INCHES	MICHAEL GAFFNEY			8M TOWE	R BODY ASSEMBLY
WELD / BRAZE INSPECTION REPORT	_	FINISH = 125 RMS	FRIEDERIKE BOCK		EPIC		
CLEANING CERT		A N C BREAK SHARP EDGES 1/64 MAX.	ENGINEERING LEAD RAHUL SHARMA			ePIC - Electi	on-Proton/Ion Collider
LEAK TEST REPORT		XX DECIMALS ± 0.01 XXX DECIMALS ± 0.005	DANIEL CACACE				<b>NOTE SYSTEMS GROUP</b>
MATERIAL MILL TEST REPORT	X	FRACTION ± 1/64	CHECKER DUSTIN C. OTTING				
QUALITY VERIFICATI REQUIREMENTS DOCUM		DEFAULT STANDARDS UNLESS OTHERWISE SPECIFIED	DRAWN BY ELIOTT J. FOUNTA DESIGN ENGINEER ELIOTT J. FOUNTA				THIS DRAWING IS THE PROPERTY OF <b>RIDGE NATIONAL LABORATORY</b> BY UT-BATTELLE FOR THE DEPARTMENT OF ENERGY UNDER U.S. MENT CONTRACT DE-AC05-000R22725 OAK RIDGE, TENNESSEE

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### MATERIAL: AISI 1020 CARBON STEEL

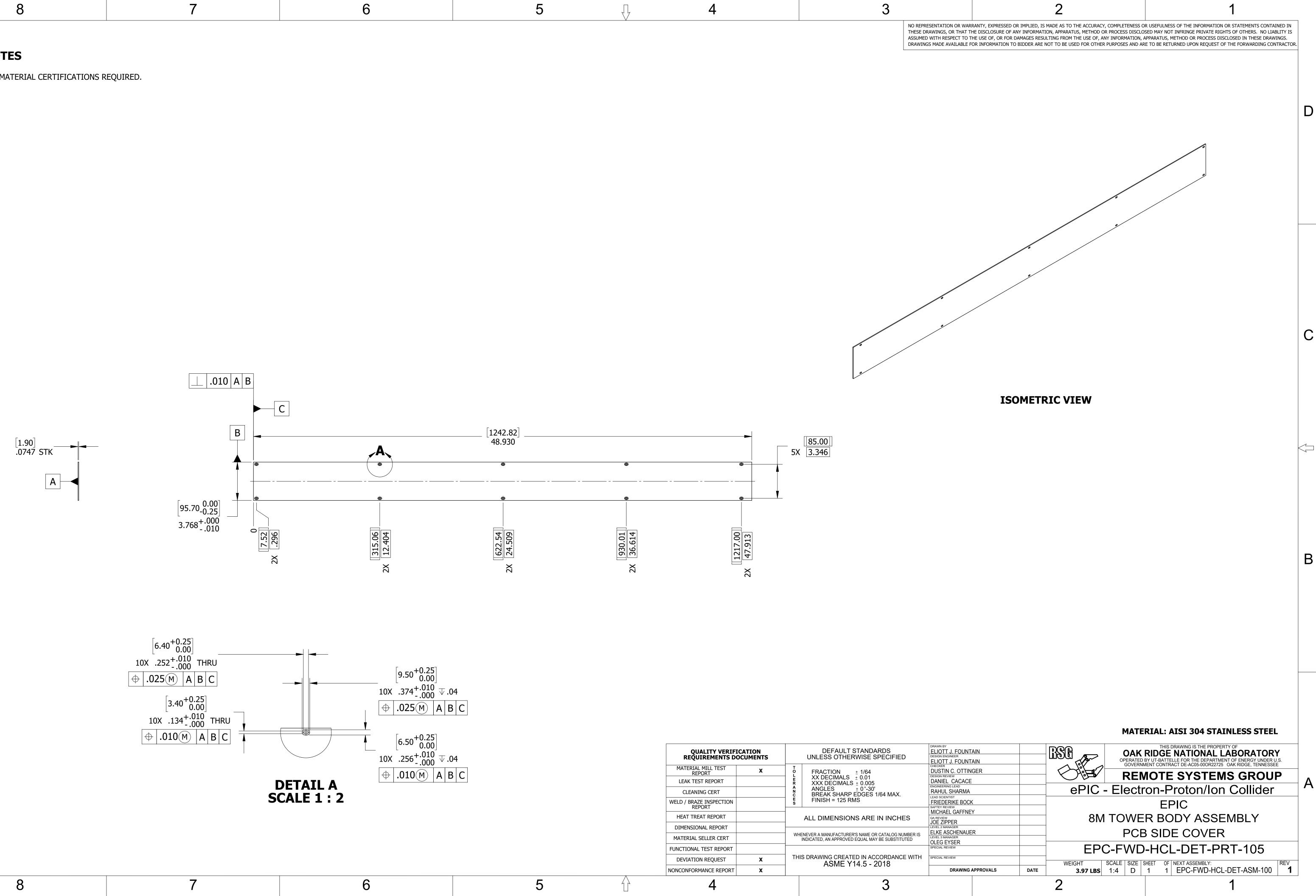
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					00	ID	ECOVER
		EPC-FWD-HCL-DET-PRT-105					
APPROVALS	DATE	WEIGHT 3.97 LBS	SCALE 1:4	SIZE D	SHEET 1	0F 1	NEXT ASSEMBLY: EPC-FWD-HCL-DET-ASM-100
		2					1

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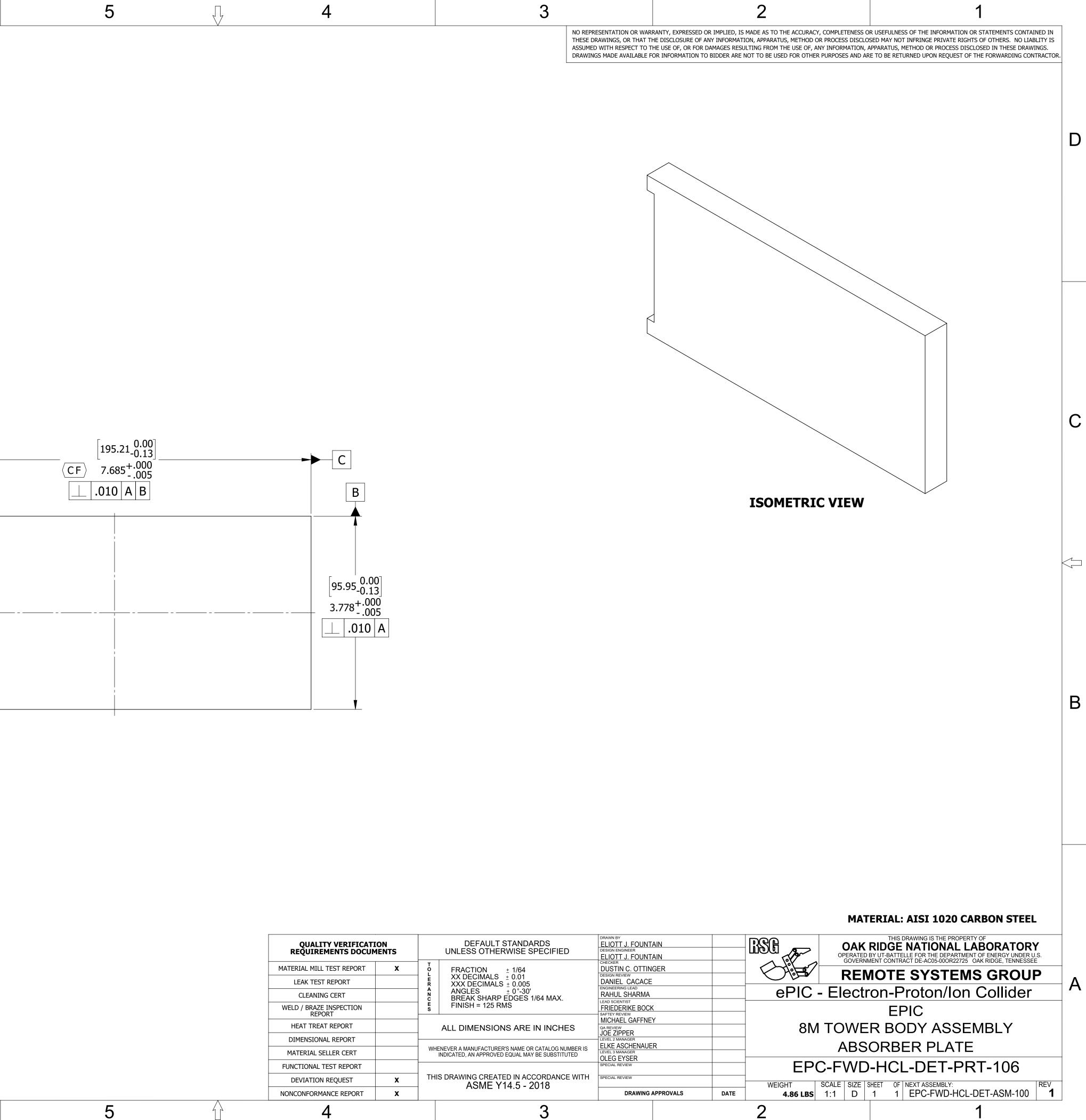
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1. MATERIAL CERTIFICATIONS REQUIRED.

 $\begin{bmatrix} 15.20 & 0.00 \\ 15.20 & -0.13 \end{bmatrix}$  $.598 ^{+.000}_{-.005}$ Α 2X .05 R MAX----[5.00] **—** 

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QUALITY VERIFICAT REQUIREMENTS DOCU	ION MENTS		DEFAULT STANDARDS UNLESS OTHERWISE SPECIFIED		
MATERIAL MILL TEST REPORT	X	T O	FRACTION ± 1/64	ELIOTT J. FO CHECKER DUSTIN C. (	
LEAK TEST REPORT		E	XX DECIMALS ± 0.01 XXX DECIMALS ± 0.005	DESIGN REVIEW DANIEL CA	
CLEANING CERT		A N C	ANGLES ± 0°-30' BREAK SHARP EDGES 1/64 MAX.	RAHUL SHA	
WELD / BRAZE INSPECTION REPORT	INSPECTION E FINISH = 125 RMS	FINISH = 125 RMS	FRIEDERIKE		
HEAT TREAT REPORT		1	ALL DIMENSIONS ARE IN INCHES		
DIMENSIONAL REPORT			JOE ZIPPER		
MATERIAL SELLER CERT		W	HENEVER A MANUFACTURER'S NAME OR CATALOG NUMBER IS INDICATED, AN APPROVED EQUAL MAY BE SUBSTITUTED	ELKE ASCHE	
FUNCTIONAL TEST REPORT				SPECIAL REVIEW	
DEVIATION REQUEST	x	] TH	IIS DRAWING CREATED IN ACCORDANCE WITH ASME Y14.5 - 2018	SPECIAL REVIEW	
NONCONFORMANCE REPORT	x			DRA	
			•		

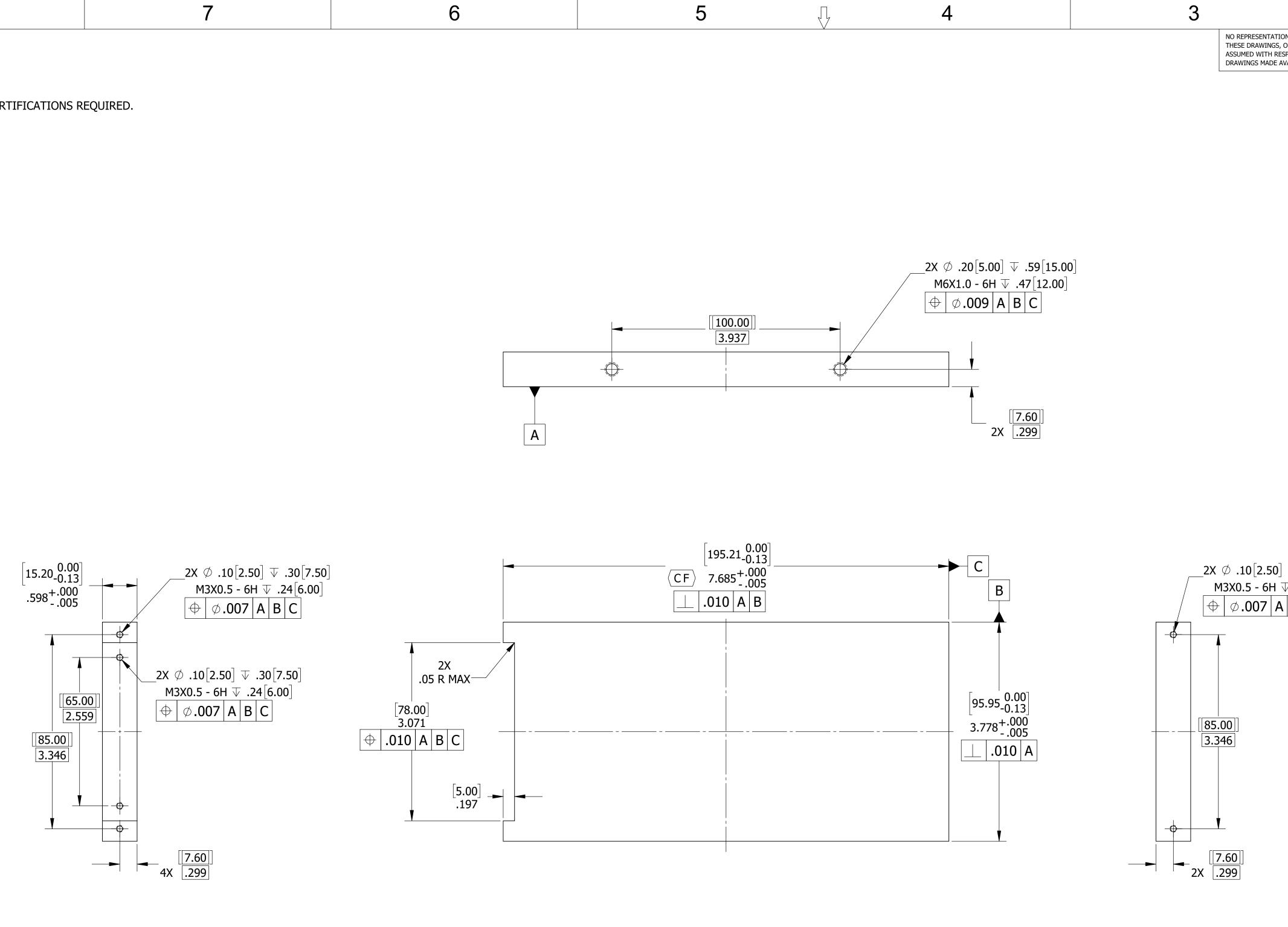
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1. MATERIAL CERTIFICATIONS REQUIRED.



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	THESE I ASSUME	DRAWINGS, OR THAT THE DISCLOSURE OF ANY INFORMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES R	ATION, APPARATUS, METHOD OR PROCESS DIS ESULTING FROM THE USE OF, ANY INFORMATIC	S OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN CLOSED MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABLITY IS N, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR	R.
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2X Ø .20[5.00] ↓ .59[15.     M6X1.0 - 6H ↓ .47[12.00     Φ Ø.009 A B C	.00」 0]				
φ φ <b>.009 Α Β C</b>					
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95.95 <sub>-0.13</sub>					
3.778+.000	[ <u>85.00</u> ] 3.346				
.010 A					
					B
<u> </u>					
	2X .299				
	DEFAULT STANDARDS	DRAWN BY ELIOTT J. FOUNTAIN		THIS DRAWING IS THE PROPERTY OF	_
MATERIAL MILL TEST REPORT X	UNLESS OTHERWISE SPECIFIED	DESIGN ENGINEER ELIOTT J. FOUNTAIN CHECKER DUSTIN C. OTTINGER DESIGN REVIEW DANIEL CACACE	- OPERAT GOVE	K RIDGE NATIONAL LABORATORY ED BY UT-BATTELLE FOR THE DEPARTMENT OF ENERGY UNDER U.S. RNMENT CONTRACT DE-AC05-000R22725 OAK RIDGE, TENNESSEE MOTE SYSTEMS GROUP	
	RXXX DECIMALS ± 0.005AANGLES± 0°-30'CBREAK SHARP EDGES 1/64 MAX.EFINISH = 125 RMS	ENGINEERING LEAD RAHUL SHARMA LEAD SCIENTIST FRIEDERIKE BOCK SAFTEY REVIEW	ePIC - Elec	tron-Proton/Ion Collider EPIC	- A
HEAT TREAT REPORT DIMENSIONAL REPORT	ALL DIMENSIONS ARE IN INCHES	MICHAEL GAFFNEY QA REVIEW JOE ZIPPER LEVEL 2 MANAGER ELKE ASCHENAUER LEVEL 3 MANAGER		ER BODY ASSEMBLY BER PLATE, TAPPED	
FUNCTIONAL TEST REPORT       DEVIATION REQUEST	INDICATED, AN APPROVED EQUAL MAY BE SUBSTITUTED THIS DRAWING CREATED IN ACCORDANCE WITH ASME Y14.5 - 2018	OLEG EYSER SPECIAL REVIEW SPECIAL REVIEW		D-HCL-DET-PRT-107	
NONCONFORMANCE REPORT X	3	DRAWING APPROVALS DATE			

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1. MATERIAL CERTIFICATIONS REQUIRED.

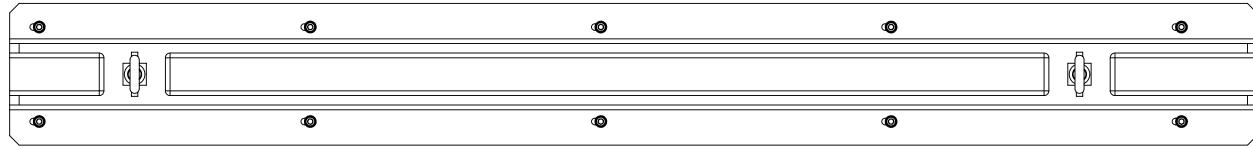
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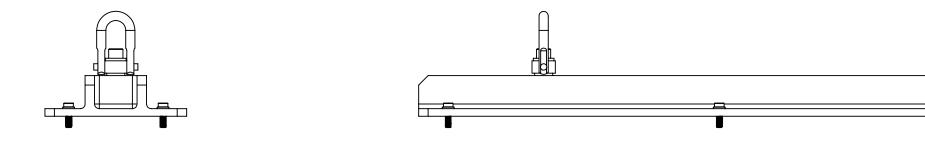
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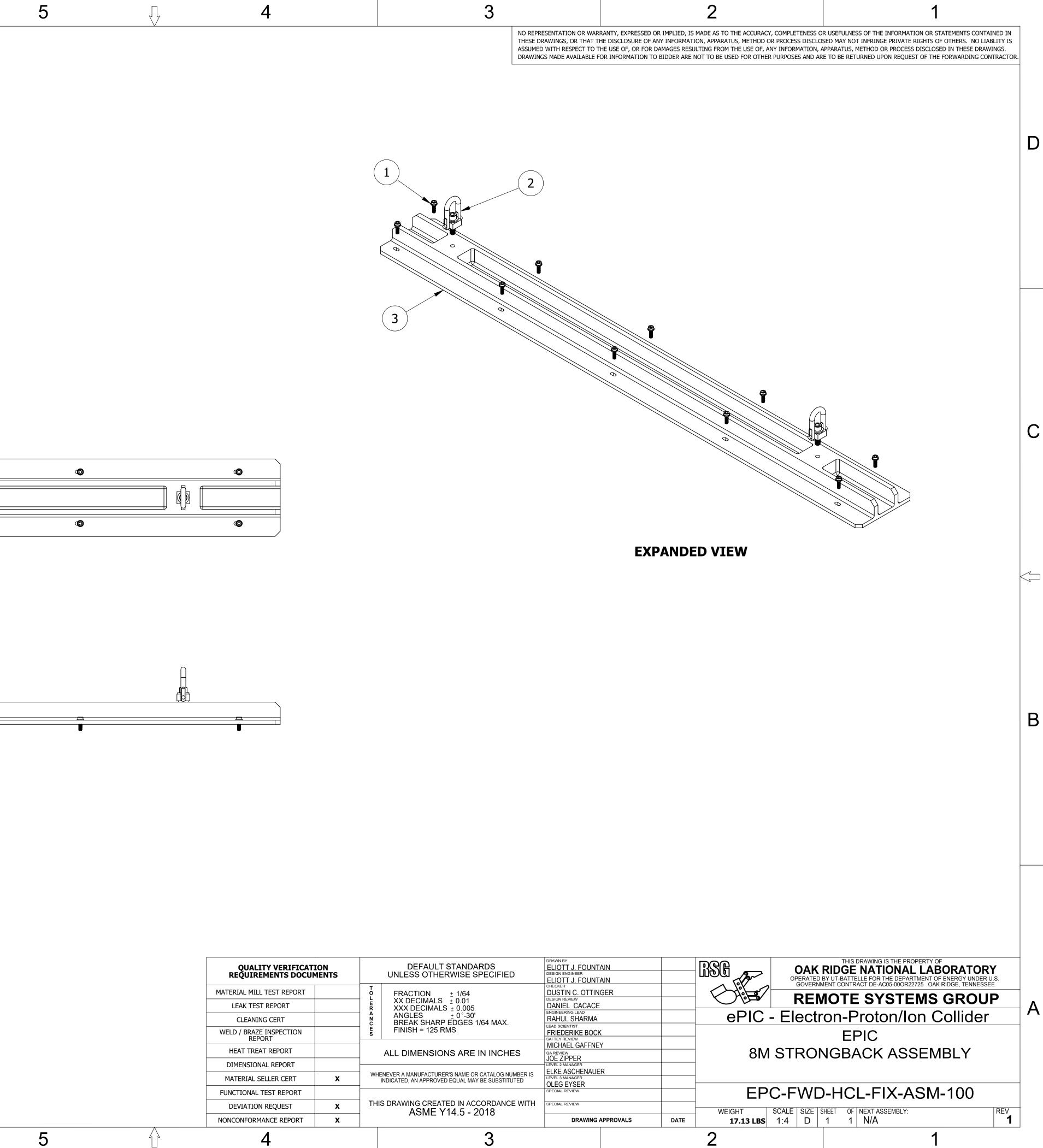
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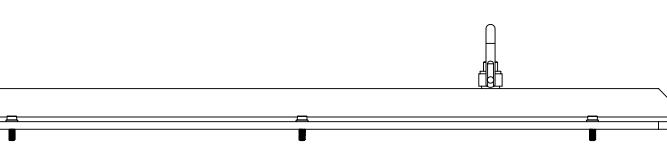
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ITEM	QTY.	NAME/PART NO	MATERIAL	MATERIAL DESCRIPTION	
1	10	MCMASTER_92235A240	CLASS 12.9 ALLOY STEEL	M6-1.0 X 20MM LG SHCS	COTS
2	2	MCMASTER_3145T42	NICKEL PLATED ALLOY STEEL	M10-1.5 HOIST RING, 975 LB CAPACITY	COTS
3	1	8M STRONGBACK	6061-T6 ALUMINUM ALLOY	MACHINED PART	EPC-FWD-HCL-FIX-PRT-101





QUALITY VERIFICAT REQUIREMENTS DOCUM	ION MENTS		DEFAULT STANDARDS UNLESS OTHERWISE SPECIFIED	DRAWN BY ELIOTT J. DESIGN ENGINE ELIOTT J.	
MATERIAL MILL TEST REPORT		TO	FRACTION ± 1/64	CHECKER DUSTIN C	
LEAK TEST REPORT		O L R A N C E S - - - - - - - - - - - - - - - - - -	XX DECIMALS ± 0.01 XXX DECIMALS ± 0.005	DESIGN REVIEW	
CLEANING CERT		A N C	ANGLES ± 0°-30' BREAK SHARP EDGES 1/64 MAX	ENGINEERING LE	
WELD / BRAZE INSPECTION REPORT		T     UNLESS OTHERWISE SPECIFIED       0     FRACTION ± 1/64       2     XX DECIMALS ± 0.01       8     XXX DECIMALS ± 0.005       4     ANGLES ± 0°-30'       0     BREAK SHARP EDGES 1/64 MAX.       0     E       0     E	LEAD SCIENTIST FRIEDERIK SAFTEY REVIEW		
HEAT TREAT REPORT			ALL DIMENSIONS ARE IN INCHES		
DIMENSIONAL REPORT	E       FINISH = 125 RMS         ALL DIMENSIONS ARE IN INCHES         WHENEVER A MANUFACTURER'S NAME OR CATALOG NUMBER IS	JOE ZIPPE			
MATERIAL SELLER CERT	x	UNLESS OTHERWISE SPECIFIED         To       FRACTION       ± 1/64         XX DECIMALS       ± 0.01         XXX DECIMALS       ± 0.005         ANGLES       ± 0°-30'         BREAK SHARP EDGES 1/64 MAX.         FINISH = 125 RMS         ALL DIMENSIONS ARE IN INCHES         WHENEVER A MANUFACTURER'S NAME OR CATALOG NUMBER IS INDICATED, AN APPROVED EQUAL MAY BE SUBSTITUTED         THIS DRAWING CREATED IN ACCORDANCE WITH	ELKE ASCH		
FUNCTIONAL TEST REPORT				SPECIAL REVIEW	
DEVIATION REQUEST	x	ТН			
NONCONFORMANCE REPORT	X		ASME 114.3 - 2010	DF	
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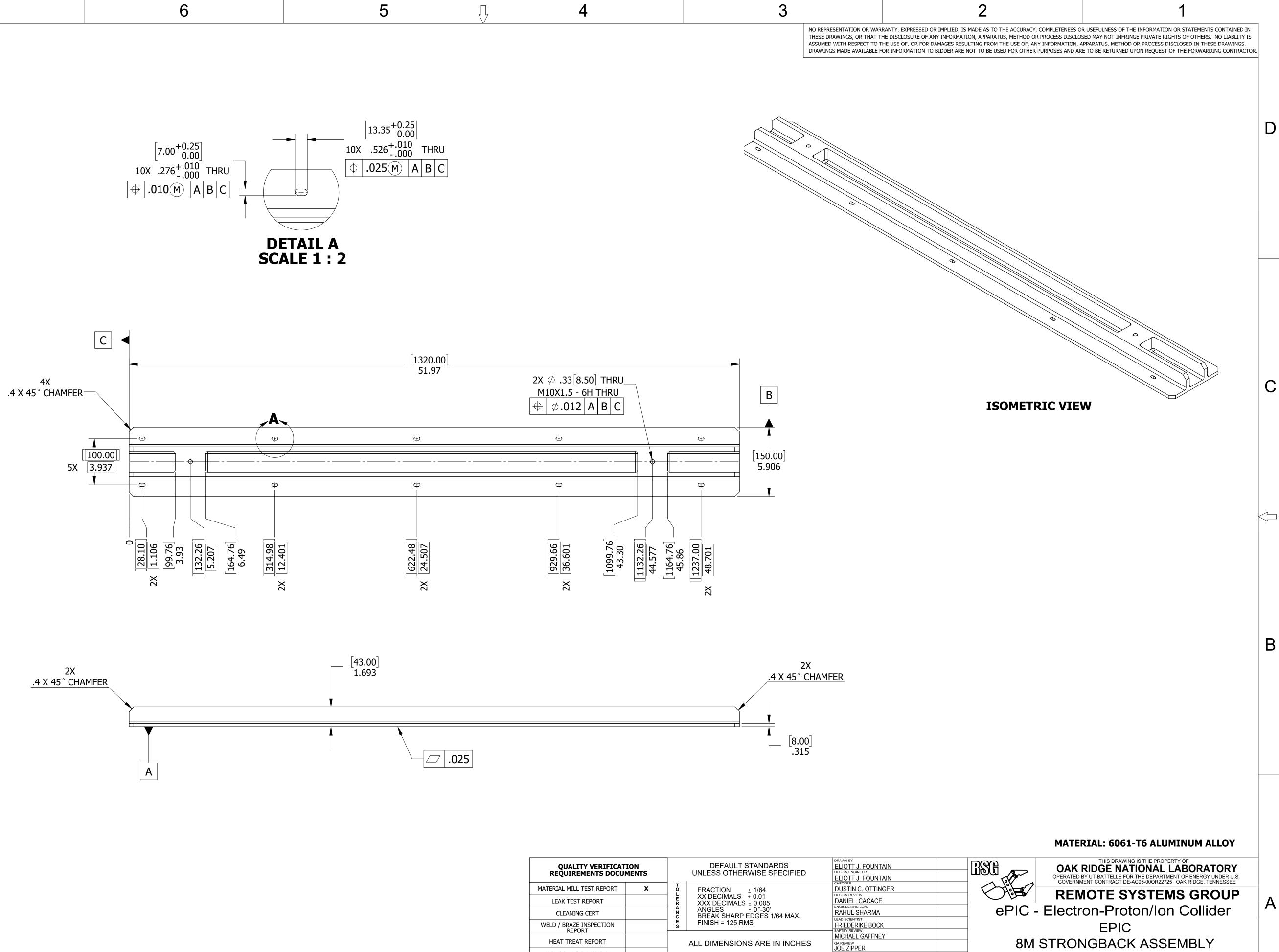
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- 1. MATERIAL MILL TEST REPORT REQUIRED.
- 2. MAKE FROM SINGLE PIECE OF ALUMINUM.
- 3. CAD FILE AVAILABLE UPON REQUEST.



DIMENSIONAL REPORT

MATERIAL SELLER CERT FUNCTIONAL TEST REPORT

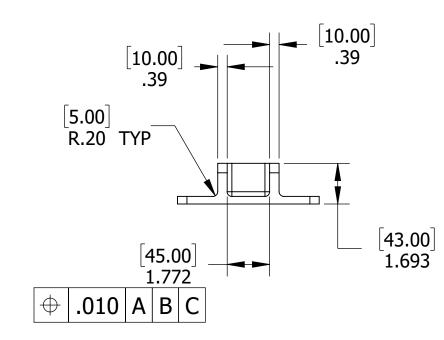
DEVIATION REQUEST

NONCONFORMANCE REPORT

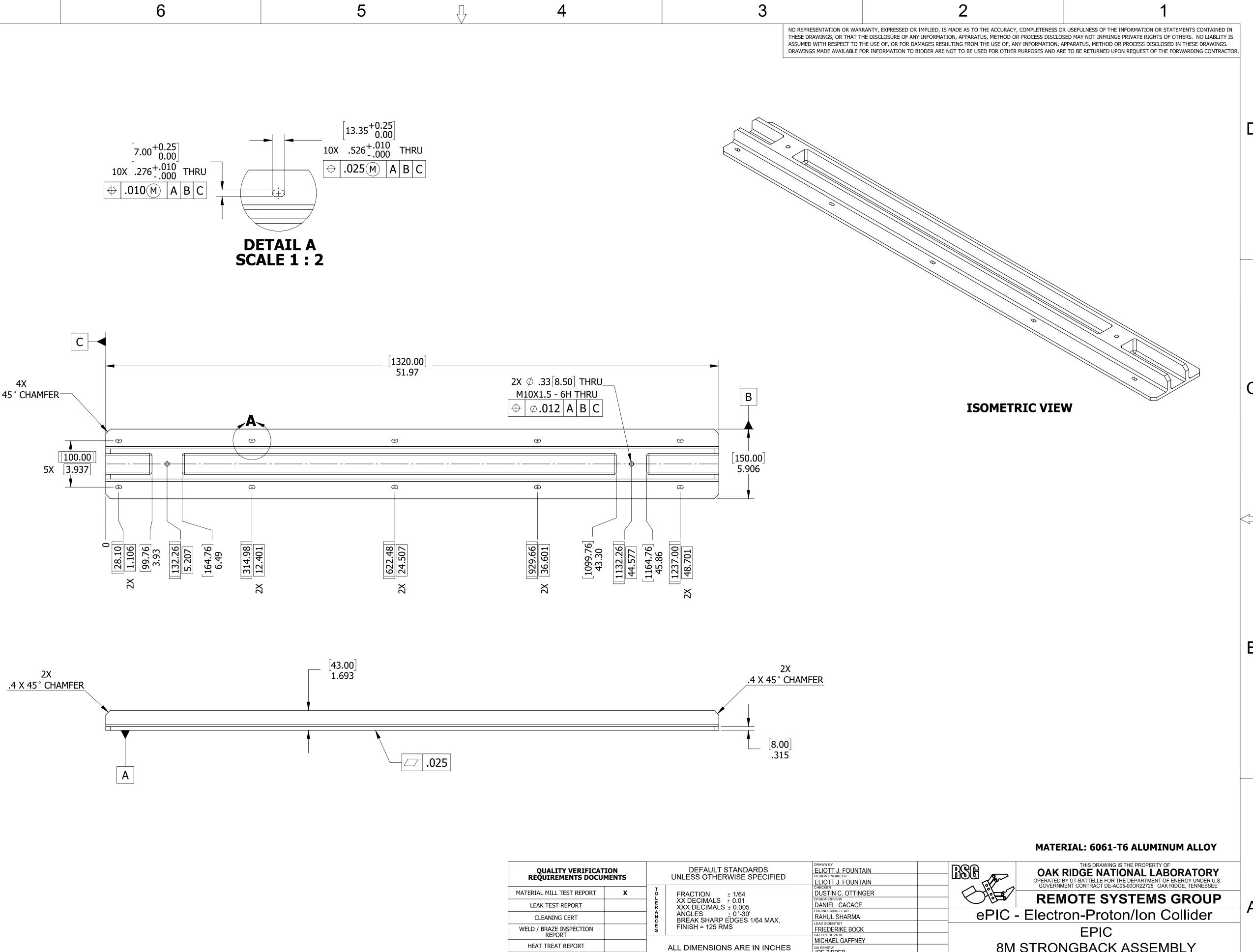
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DEFAULT STANDARDS UNLESS OTHERWISE SPECIFIED	DRAWN BY ELIOTT J. FOUNTAIN DESIGN ENGINEER ELIOTT J. FOUNTAIN		OPERATE	THIS DRAWING IS THE PROPERTY OF <b>K RIDGE NATIONAL LABORATORY</b> ED BY UT-BATTELLE FOR THE DEPARTMENT OF ENERGY UNDER U.S.
FRACTION ± 1/64 XX DECIMALS ± 0.01 XXX DECIMALS ± 0.005	CHECKER DUSTIN C. OTTINGER DESIGN REVIEW DANIEL CACACE			NMENT CONTRACT DE-AC05-000R22725 OAK RIDGE, TENNESSEE
ANGLES ± 0°-30' BREAK SHARP EDGES 1/64 MAX. FINISH = 125 RMS	ENGINEERING LEAD RAHUL SHARMA		ePIC - Electron-Proton/Ion Collider	
	LEAD SCIENTIST FRIEDERIKE BOCK SAFTEY REVIEW		EPIC	
ALL DIMENSIONS ARE IN INCHES	MICHAEL GAFFNEY		8M STRONGBACK ASSEMBLY	
WHENEVER A MANUFACTURER'S NAME OR CATALOG NUMBER IS INDICATED. AN APPROVED EQUAL MAY BE SUBSTITUTED			8M STRONGBACK	
	OLEG EYSER SPECIAL REVIEW		EPC-FWD-HCL-FIX-PRT-101	
THIS DRAWING CREATED IN ACCORDANCE WITH ASME Y14.5 - 2018				SHEET OF NEXT ASSEMBLY: REV
2		ROVALS         DATE         16.23 LBS         1:4         D           2 <th2< th=""> <th2< th=""> <th2< th=""></th2<></th2<></th2<>		1 1 EPC-FWD-HCL-FIX-ASM-100 <b>1</b>