

<p><b>PROPRIETARY AND CONFIDENTIAL</b></p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF &lt;INSERT COMPANY NAME HERE&gt;. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF &lt;INSERT COMPANY NAME HERE&gt; IS PROHIBITED.</p>			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<p>TITLE:</p> <h1>I Beam Hanger rv2</h1>
			DIMENSIONS ARE IN INCHES	DRAWN			
			TOLERANCES:	CHECKED			
			FRACTIONAL ±	ENG APPR.			
			ANGULAR: MACH ± BEND ±	MFG APPR.			
		TWO PLACE DECIMAL ±	Q.A.				
		THREE PLACE DECIMAL ±	COMMENTS:				
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
	NEXT ASSY	USED ON	FINISH				SIZE <b>A</b> DWG. NO. REV
	APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:16 WEIGHT: SHEET 1 OF 1

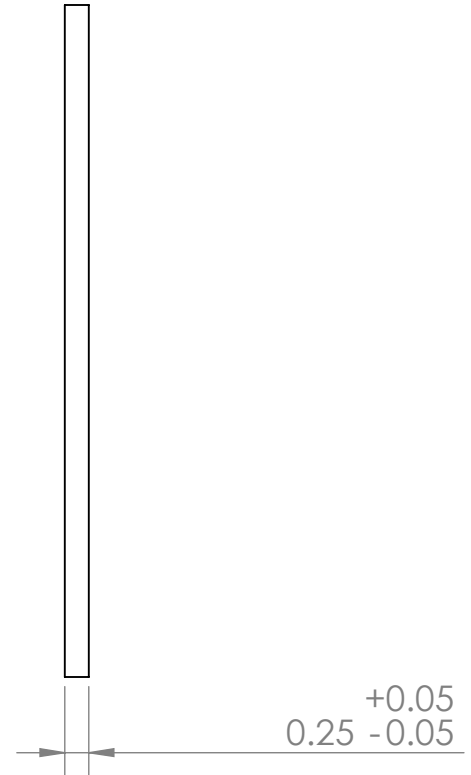
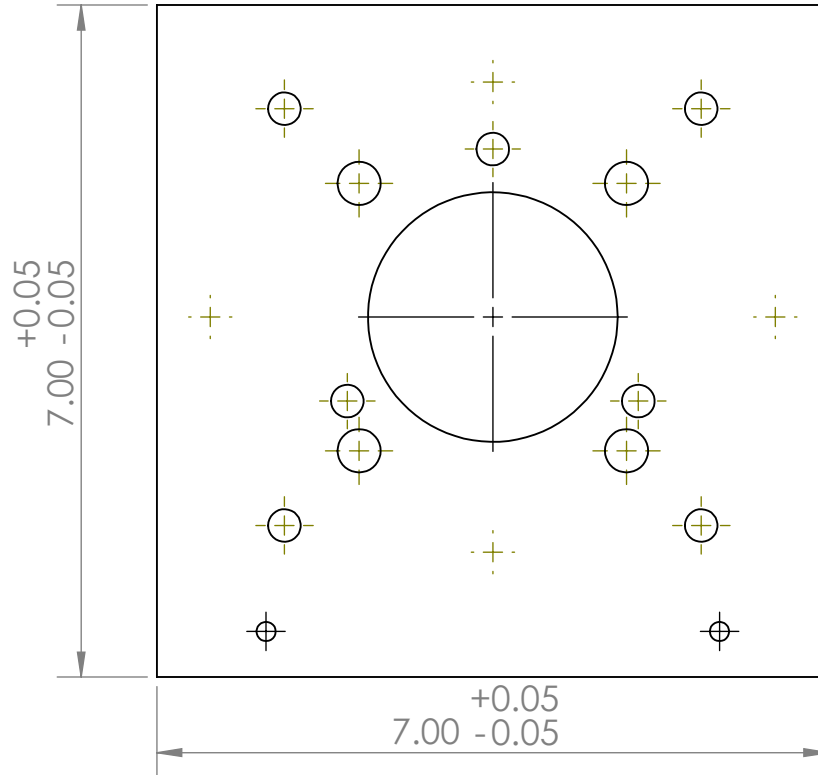
2

1

# WATERJET STOCK DIMENSIONS GIVEN

B

B



## QUANTITY 4

A

A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
		DIMENSIONS ARE IN INCHES	DRAWN	RS		TITLE:	
		TOLERANCES:	CHECKED			Hub Adapter_CDR WATERJET	
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±	Q.A.				
		THREE PLACE DECIMAL ±	COMMENTS:				
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.
		MATERIAL				<b>A</b>	REV
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2	WEIGHT:
							SHEET 1 OF 1

2

1

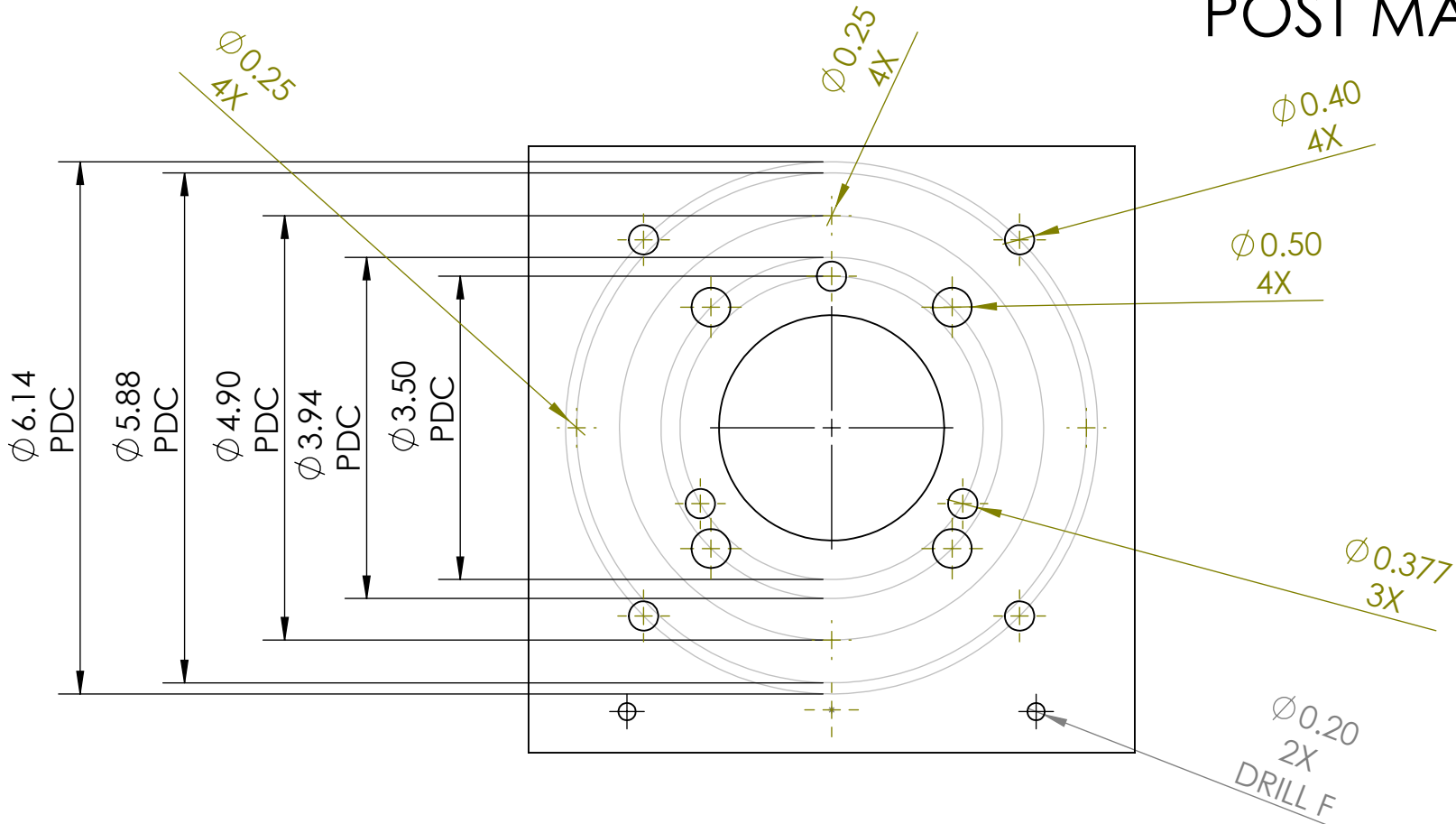
2

1

# POST MACHINE

B

B



A

A

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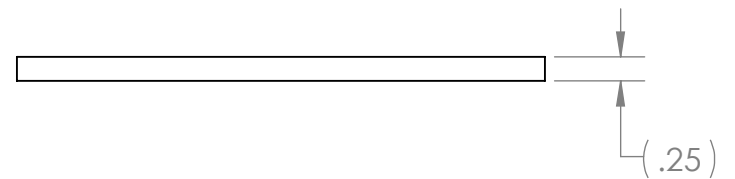
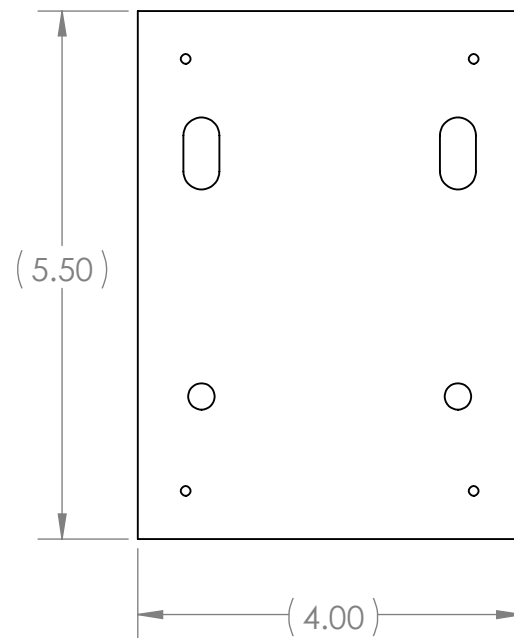
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		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE:		
Hub Adapter_CDR		
SIZE	DWG. NO.	REV
<b>A</b>		
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

2

1

# WATERJET STOCK DIMENSION GIVEN



Cal Poly Mechanical Engineering  
ME ### - Qtr Year

Lab Section:

Assignment #

Title: BASE SUPPORT PLATE

Drwn. By: RS

Dwg. #:

Nxt Asb:

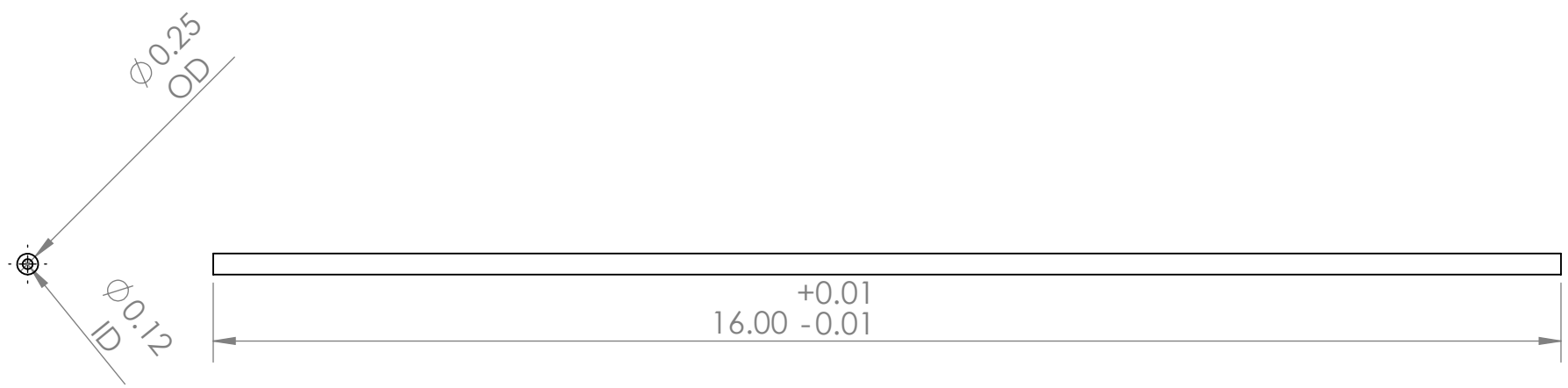
Date:

Scale:

Chkd. By: ME STAFF

2 1

B B



A A

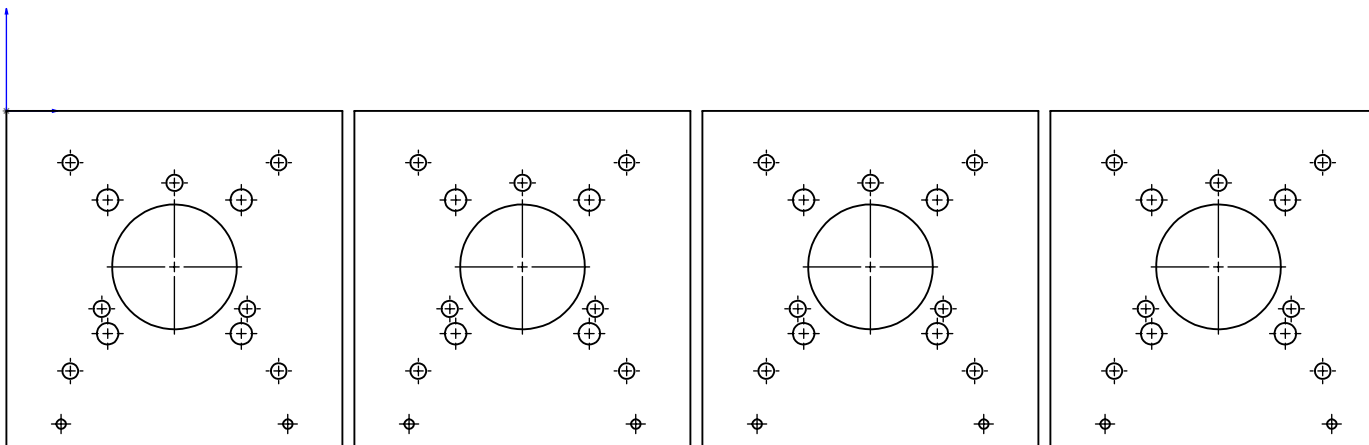
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	RS	
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:		
<h1>Drop Link</h1>		
SIZE	DWG. NO.	REV
<b>A</b>		
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1

# WATERJET PROFILE

## QUANTITY 4



Drawn By:	RAYMOND DENG	Start Date:	xx/xx/xx
Checked By:	<input type="text"/>	Requested End Date:	xx/xx/xx

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: $\pm 1/8$
ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 2^\circ$
TWO PLACE DECIMAL: $\pm 0.05$
THREE PLACE DECIMAL: $\pm 0.005$
TOLERANCING PER: MMC

TITLE:	HUB ADAPTERS WATERJET	REV	A
SCALE: 1:4	MATERIAL: 6061-T6	1 OF 1	

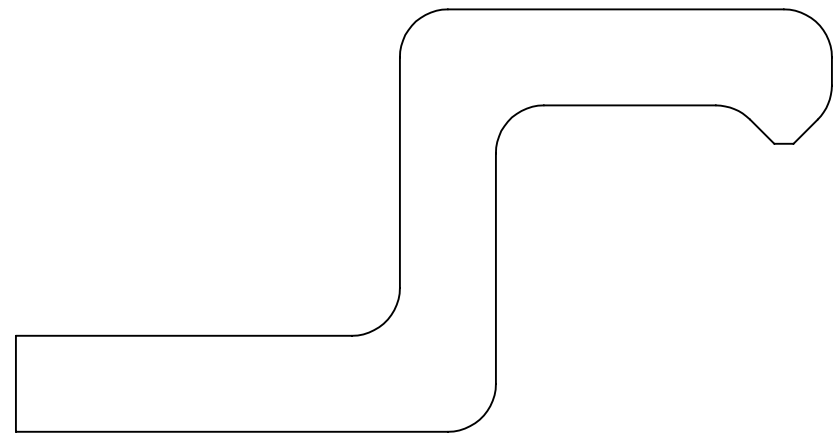
2

1

B

B

# WATERJET



A

A

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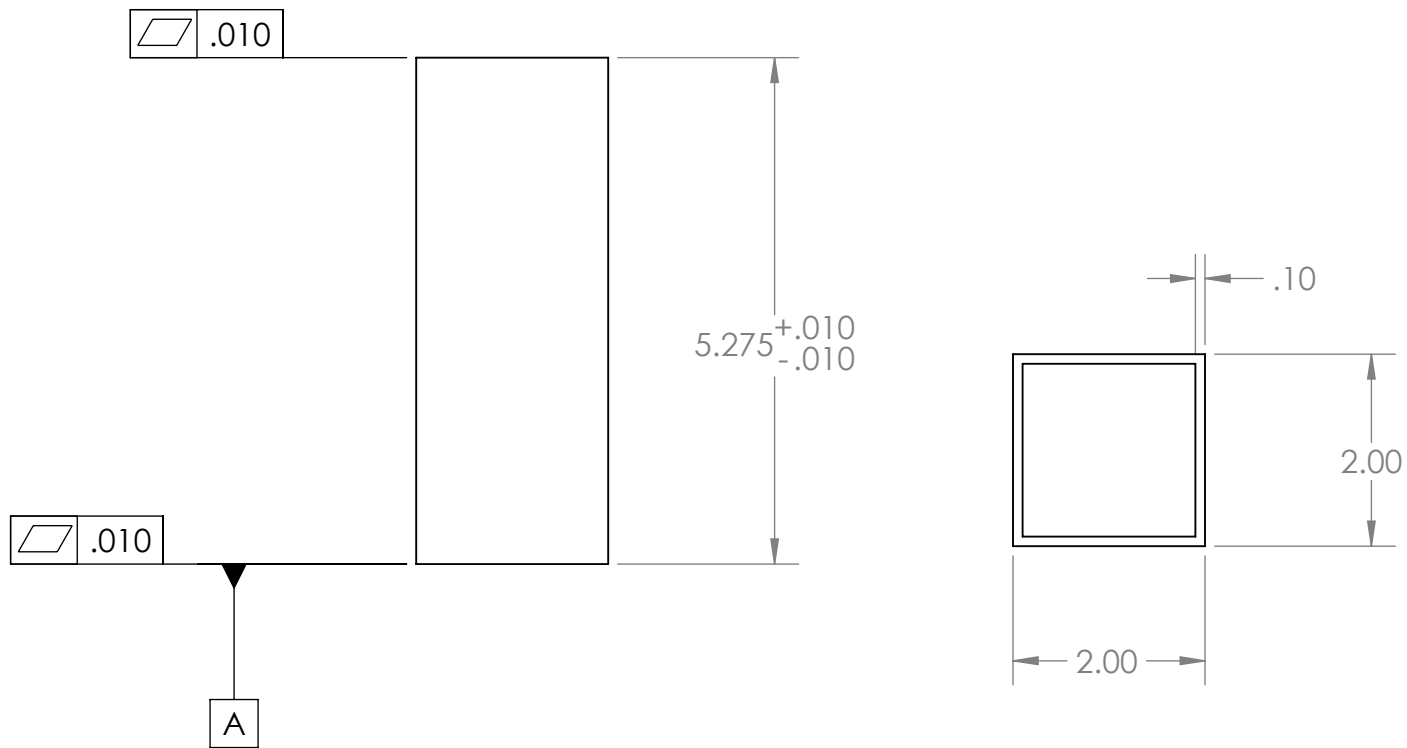
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		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:  
**Bottle jack point**

SIZE	DWG. NO.	REV
<b>A</b>		
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

2

1



Cal Poly Mechanical Engineering  
ME ### - Qtr Year

Lab Section:

Dwg. #:

Assignment #

Nxt Asb:

Title: REAR SUPPORT ARMS

Date:

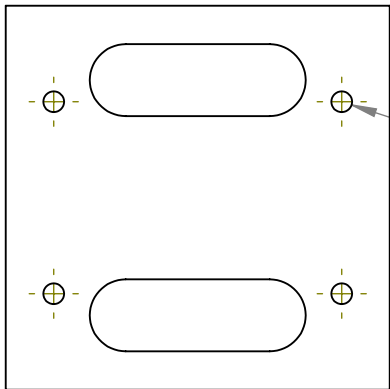
Scale:

Drwn. By: RS

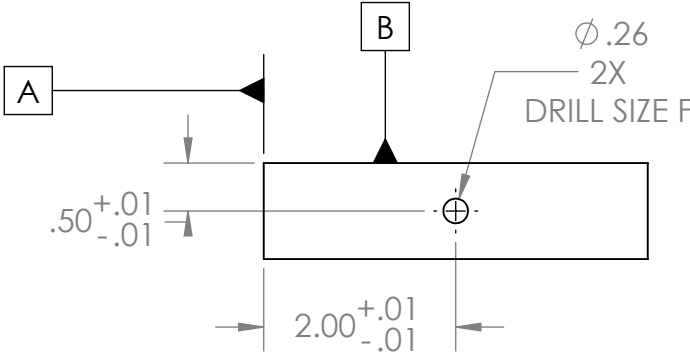
Chkd. By: ME STAFF



# POST MACHINE



$\phi .22$   
DRILL 15/62  
4X



UNLESS OTHERWISE SPECIFIED:

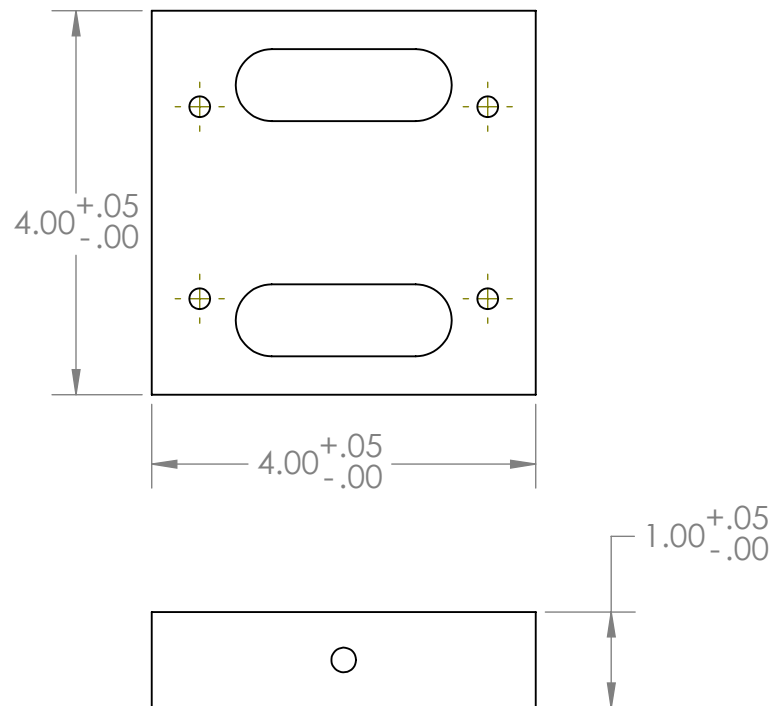
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL:  $\pm 1/8$   
ANGULAR: MACH  $\pm 1^\circ$  BEND  $\pm 2^\circ$   
TWO PLACE DECIMAL:  $\pm 0.05$   
THREE PLACE DECIMAL:  $\pm 0.005$   
TOLERANCING PER: MMC

TITLE: Jig arm base		REV AA
SCALE: 1:2	MATERIAL: 6061-T6	1 OF 1



Drawn By:	Cameron Kao	Start Date:
Checked By:		Requested End Date:

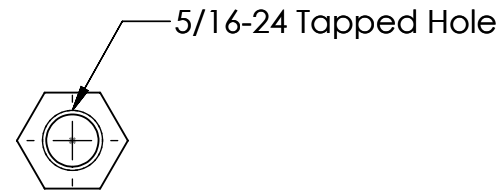
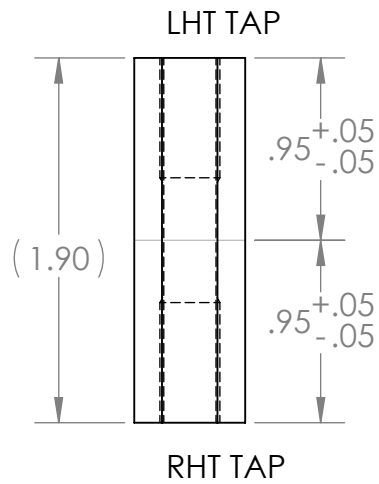
# WATERJET STOCK DIMENSION GIVEN



Drawn By:	Cameron Kao	Start Date:
Checked By:		Requested End Date:

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/8$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 2^\circ$ TWO PLACE DECIMAL: $\pm 0.05$ THREE PLACE DECIMAL: $\pm 0.005$ TOLERANCING PER: MMC

TITLE:		REV
Jig arm base		AA
SCALE: 1:2	MATERIAL: 6061-T6	1 OF 1



Cal Poly Mechanical Engineering  
ME ### - Qtr Year

Lab Section:

Assignment #

Title: FRONT SUPPORT TURN BUCKLE

Drwn. By: RS

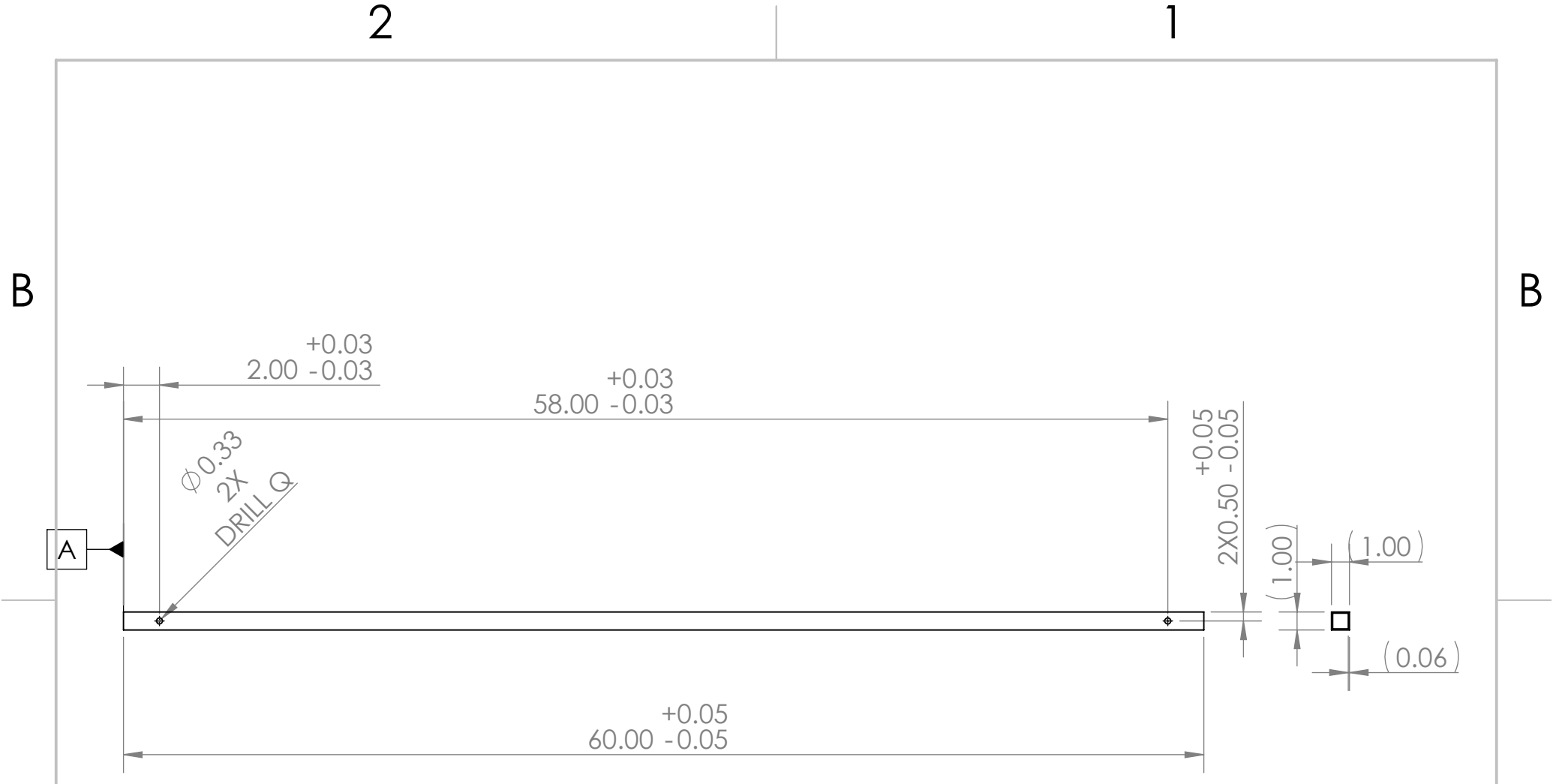
Dwg. #:

Nxt Asb:

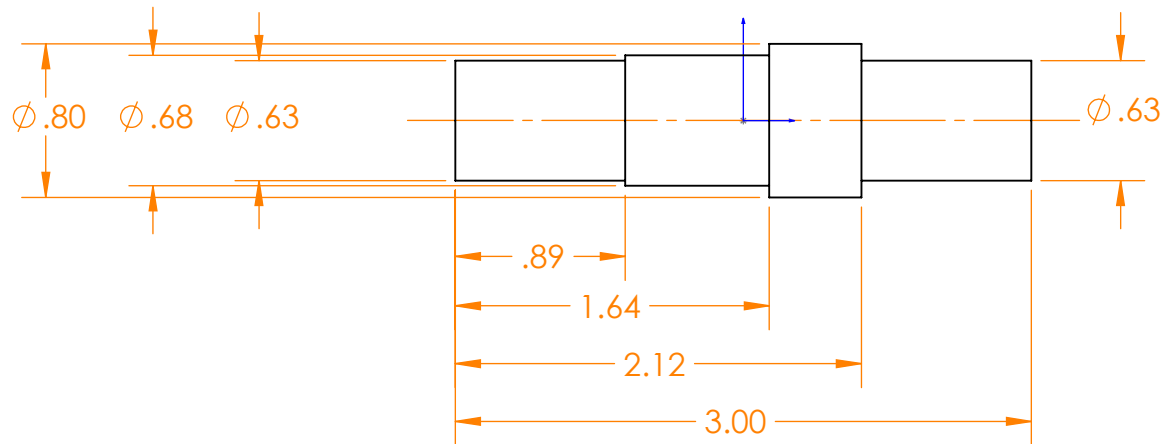
Date:

Scale:

Chkd. By: ME STAFF



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			DIMENSIONS ARE IN INCHES	DRAWN	RS				
			TOLERANCES:	CHECKED					
			FRACTIONAL $\pm$	ENG APPR.					
			ANGULAR: MACH $\pm$ BEND $\pm$	MFG APPR.					
		TWO PLACE DECIMAL $\pm$	Q.A.						
		THREE PLACE DECIMAL $\pm$	COMMENTS:						
		INTERPRET GEOMETRIC TOLERANCING PER:					SIZE	DWG. NO.	REV
		MATERIAL					<b>A</b>		
	NEXT ASSY	USED ON	FINISH				SCALE: 1:16	WEIGHT:	SHEET 1 OF 1
		APPLICATION	DO NOT SCALE DRAWING						



QUANTITY TRACKING:

TOTAL QUANTITY NEEDED:

1

QTY. MADE:	DATE:	INITIALS:

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL: ± 1/8  
 ANGULAR: MACH ±1° BEND ±2°  
 TWO PLACE DECIMAL: ± 0.05  
 THREE PLACE DECIMAL: ± 0.005  
 TOLERANCING PER: MMC

TITLE:

MAIN PIVOT SHAFT

REV

AA

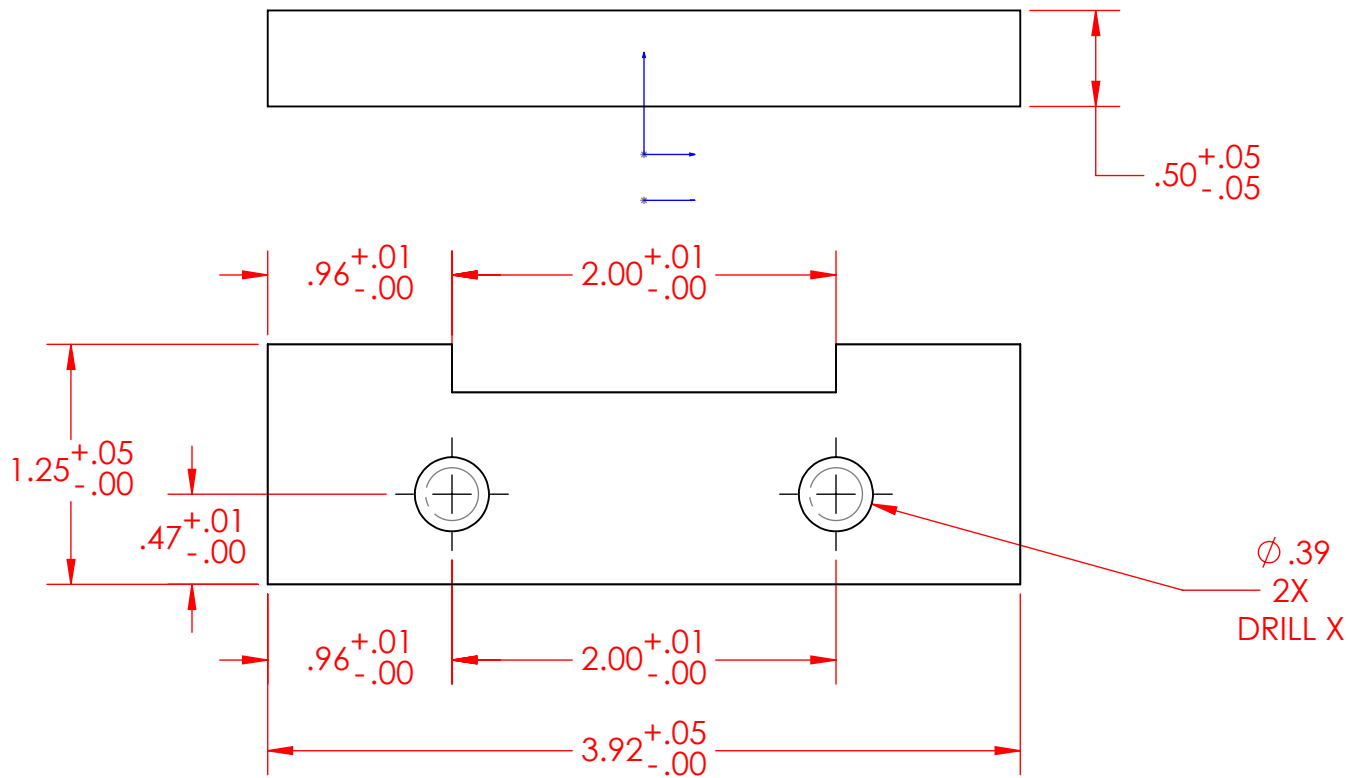
Drawn By: RAYMOND DENG Phone #: (858) 436-6081

Checked By: NOT YET CHECKED Requested End Date:

SCALE: X:X

MATERIAL: 1" OD 4130 ROUND

1 OF 1



Drawn By:	RS	Start Date:	xx/xx/xx
Checked By:	<input type="text"/>	Requested End Date:	xx/xx/xx

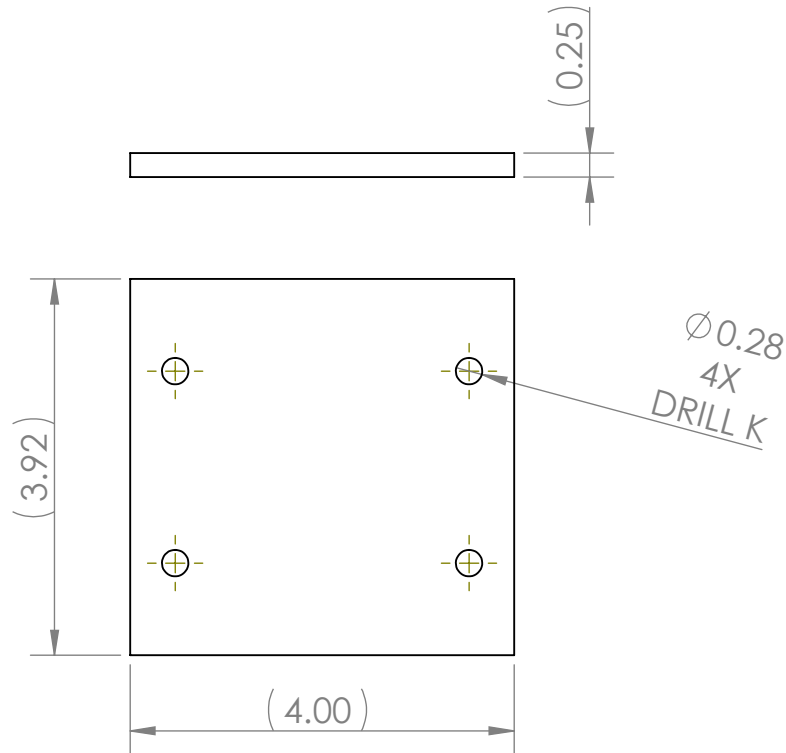
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TOLERANCES:
FRACTIONAL: $\pm 1/8$
ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 2^\circ$
TWO PLACE DECIMAL: $\pm 0.05$
THREE PLACE DECIMAL: $\pm 0.005$
TOLERANCING PER: MMC

TITLE:	REV
WELDING REAR LOCATING JIG	A
SCALE: 1:1	MATERIAL: xxxx xx
	1 OF 1

2

1

# POST MACHINING



QUANTITIY 2

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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm$ ANGULAR: MACH $\pm$ BEND $\pm$ TWO PLACE DECIMAL $\pm$ THREE PLACE DECIMAL $\pm$	DRAWN	RS				
			INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED					
			MATERIAL	ENG APPR.					
			FINISH	MFG APPR.					
	NEXT ASSY	USED ON	DO NOT SCALE DRAWING	Q.A.			SIZE	DWG. NO.	REV
	APPLICATION			COMMENTS:			<b>A</b>		
							SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

2

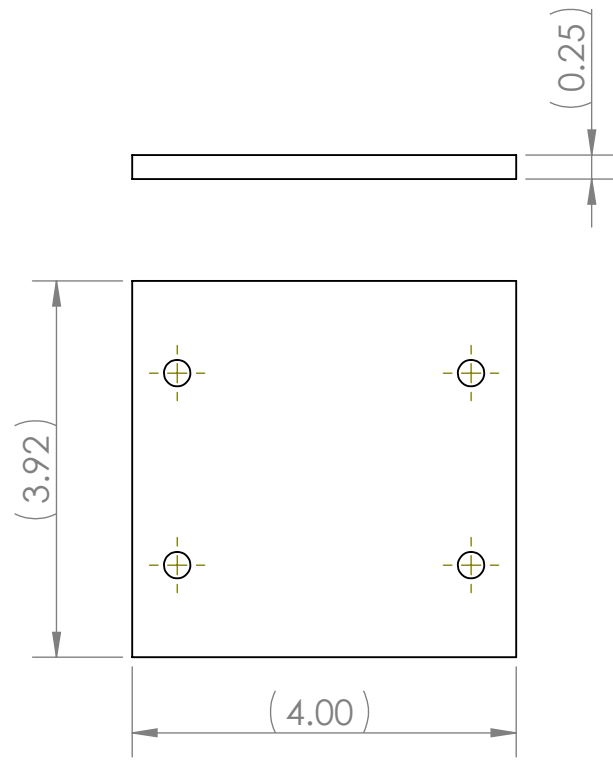
1

2

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B

B



QUANTITIY 2

# WATERJET PART STOCK DIMENSIONS GIVEN AS A REFERENCE

A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	RS	
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

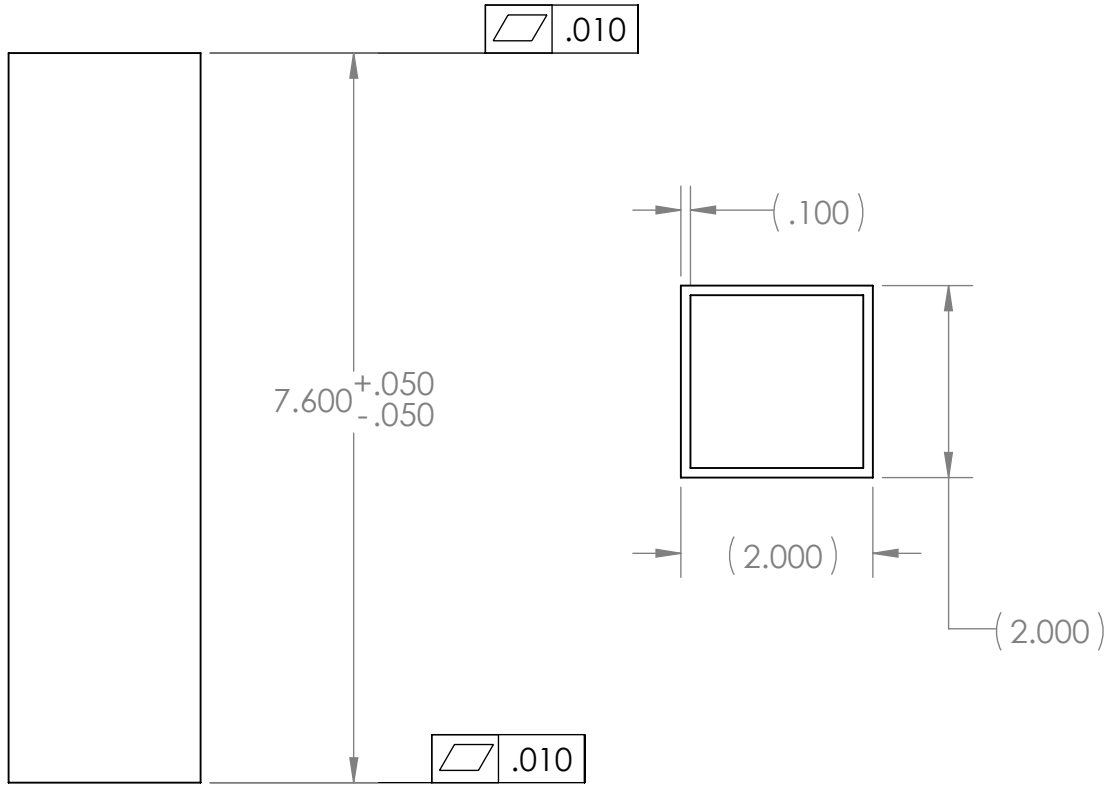
TITLE:		
Rear Base Plate		
SIZE	DWG. NO.	REV
<b>A</b>		
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

2

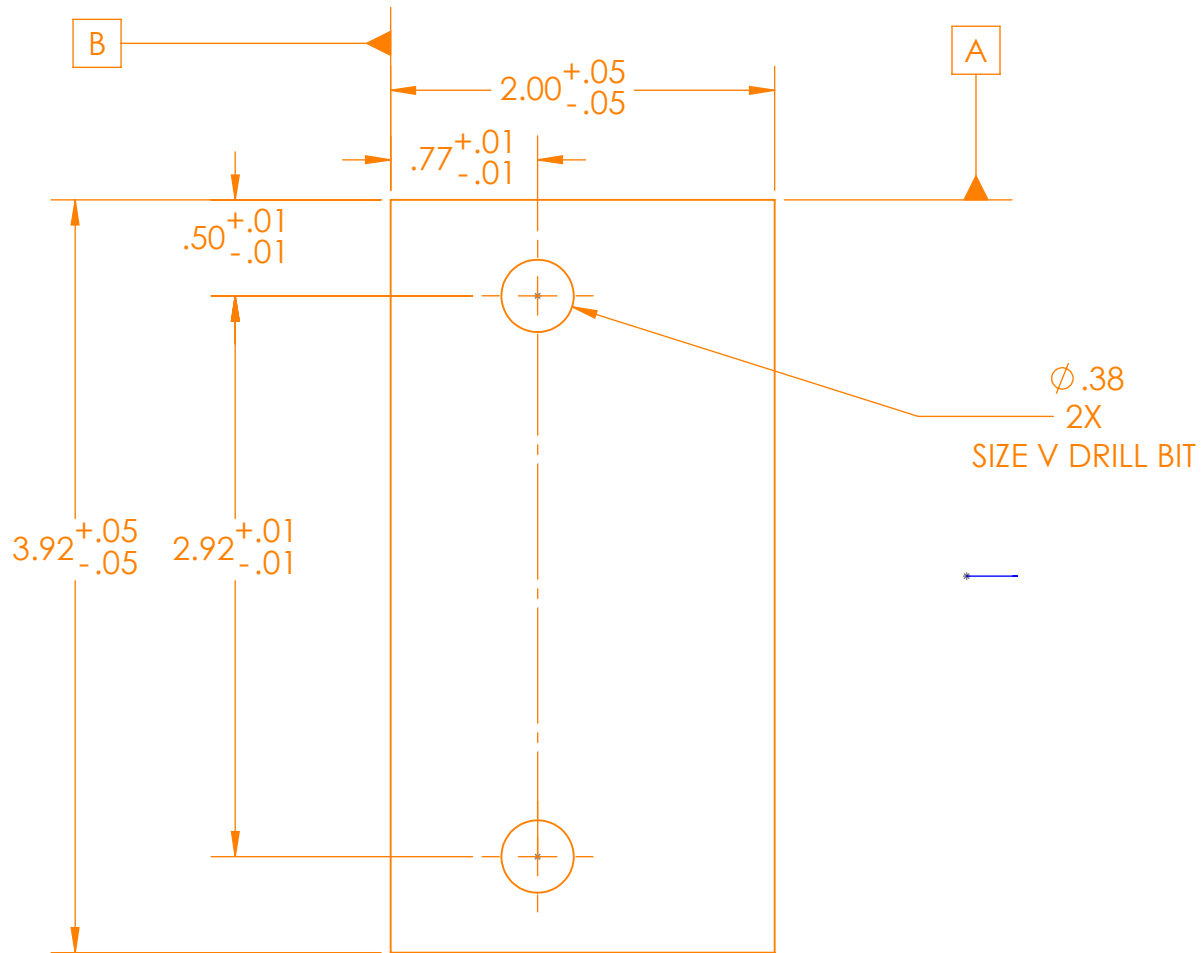
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QUANTITY: 2



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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	RS				
			INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED					
			MATERIAL	ENG APPR.					
			FINISH	MFG APPR.					
	NEXT ASSY	USED ON		Q.A.			SIZE	DWG. NO.	REV
	APPLICATION		DO NOT SCALE DRAWING	COMMENTS:			<b>A</b>		
							SCALE: 1:4	WEIGHT:	SHEET 1 OF 1



QUANTITY TRACKING:

TOTAL QUANTITY NEEDED:	QTY. MADE:	DATE:	INITIALS:
1			

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL: ± 1/8  
 ANGULAR: MACH ±1° BEND ±2°  
 TWO PLACE DECIMAL: ± 0.05  
 THREE PLACE DECIMAL: ± 0.005  
 TOLERANCING PER: MMC

TITLE:

LUG PLATE WELD JIG X

REV

AA

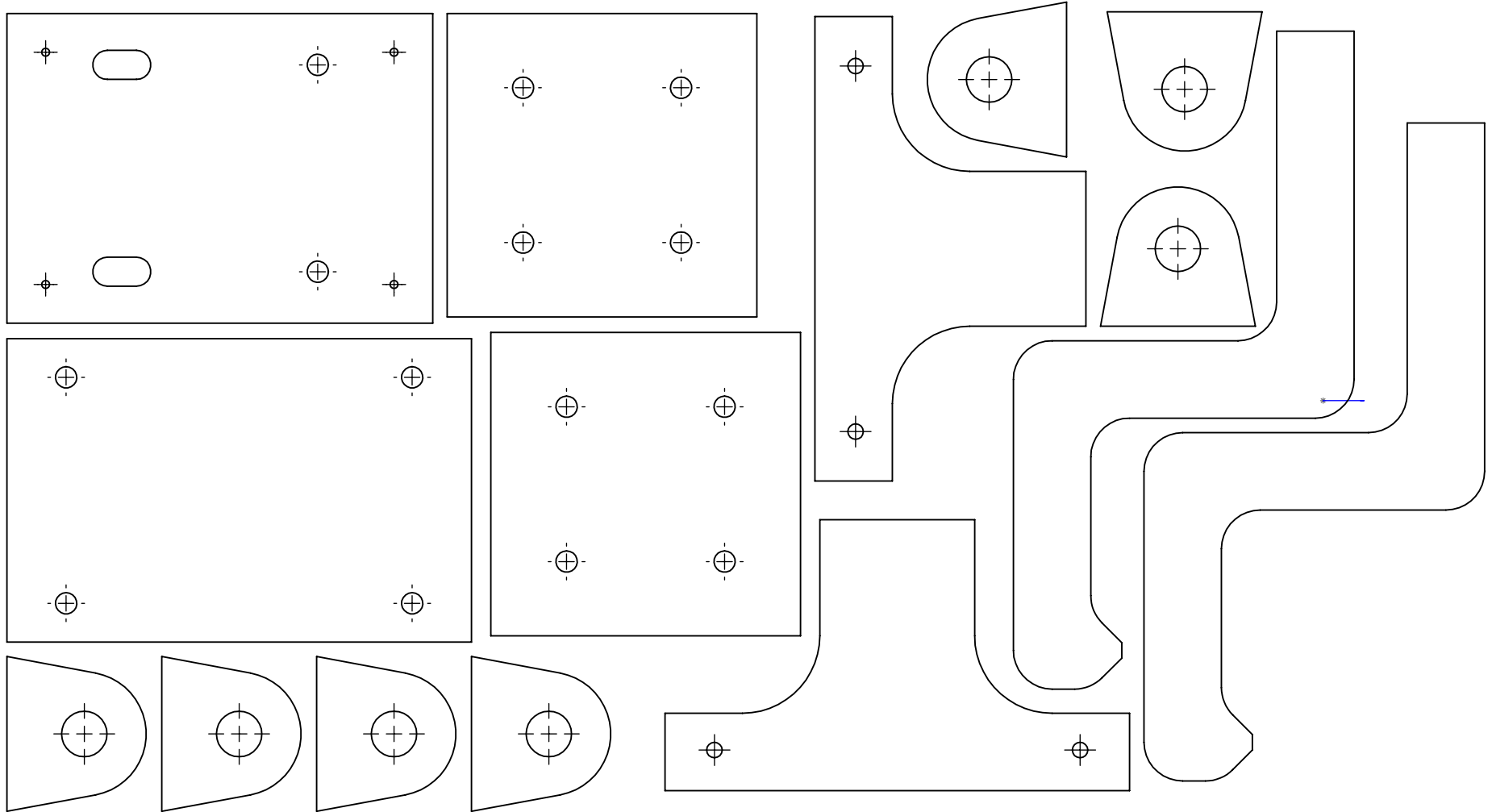
Drawn By: RAYMOND DENG Phone #: (858) 436-6081

Checked By: NOT YET CHECKED Requested End Date:

SCALE: 1:1 MATERIAL: 6061

1 OF 1

# WATERJET PROFILE



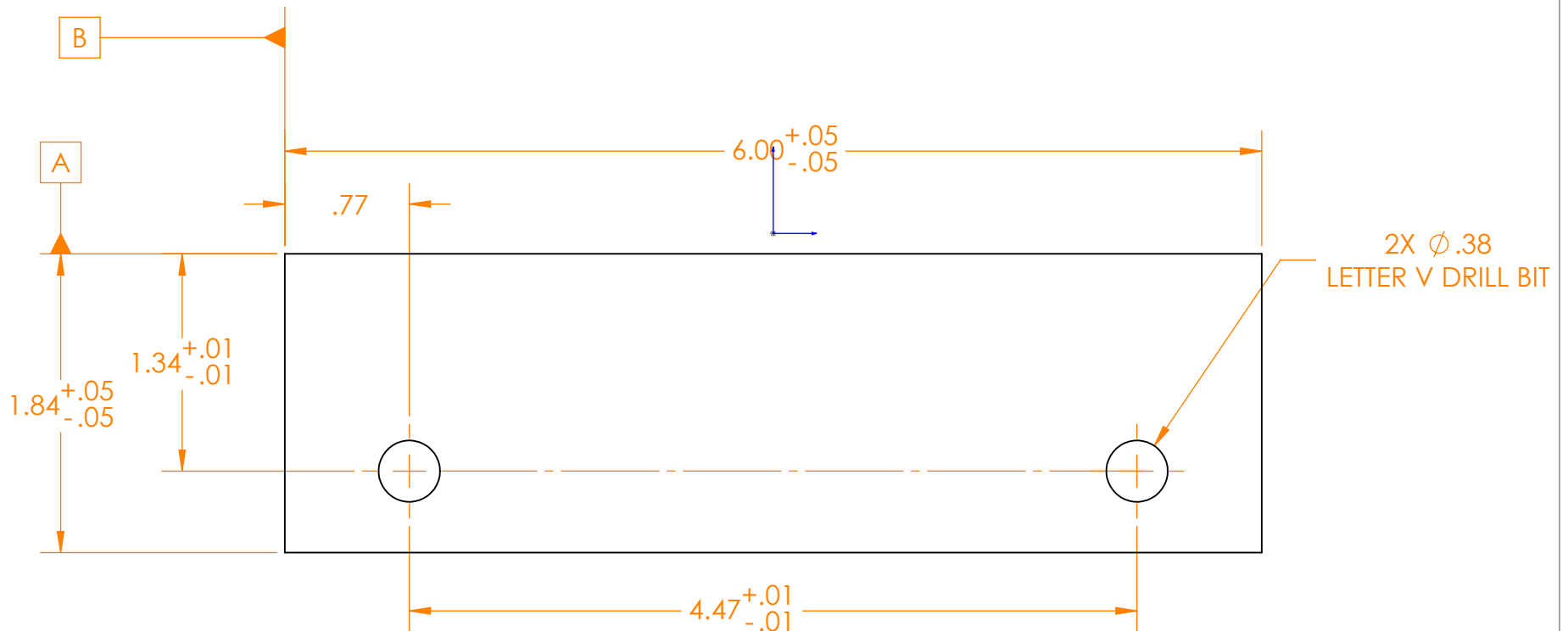
UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL:  $\pm 1/8$   
 ANGULAR: MACH  $\pm 1^\circ$  BEND  $\pm 2^\circ$   
 TWO PLACE DECIMAL:  $\pm 0.05$   
 THREE PLACE DECIMAL:  $\pm 0.005$   
 TOLERANCING PER: MMC

TITLE: <b>STEEL WATERJET</b>		REV <b>A</b>
SCALE: 1:2	MATERIAL: A36 HR STEEL	1 OF 1



Drawn By:	RAYMOND DENG	Start Date: xx/xx/xx
Checked By:	<input type="text"/>	Requested End Date: xx/xx/xx



				QUANTITY TRACKING:				UNLESS OTHERWISE SPECIFIED:		TITLE:		REV
				TOTAL QUANTITY NEEDED:	QTY. MADE:	DATE:	INITIALS:	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ± 1/8 ANGULAR: MACH ± 1° BEND ± 2° TWO PLACE DECIMAL: ± 0.05 THREE PLACE DECIMAL: ± 0.005 TOLERANCING PER: MMC		LUG PLATE WELD JIG Y		AA
Drawn By:	RAYMOND DENG	Phone #:	(858) 436-6081	1				SCALE:	1:1	MATERIAL:	XXXXXXXXX	1 OF 1
Checked By:	NOT YET CHECKED	Requested End Date:										