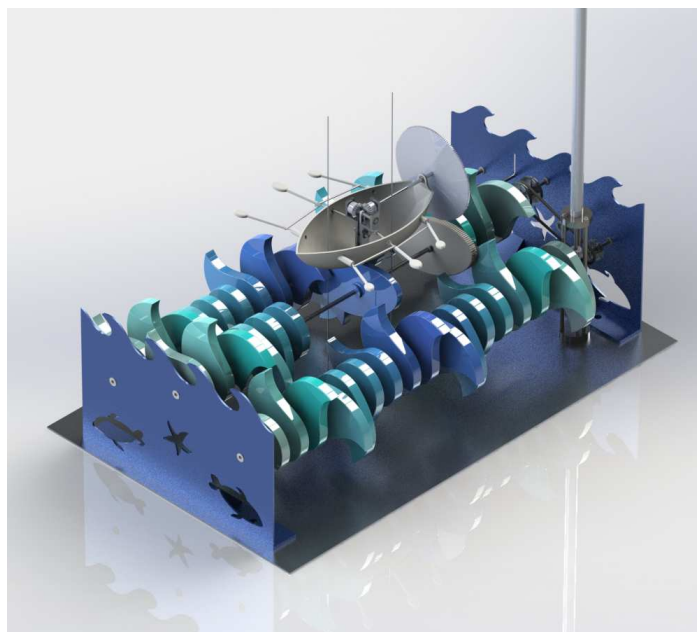
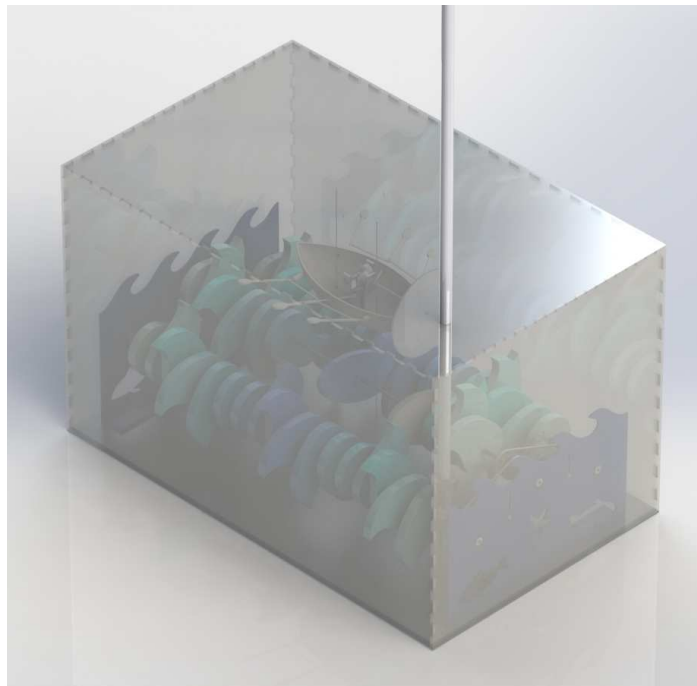


# TEAM TRANSMISSION PROJECT

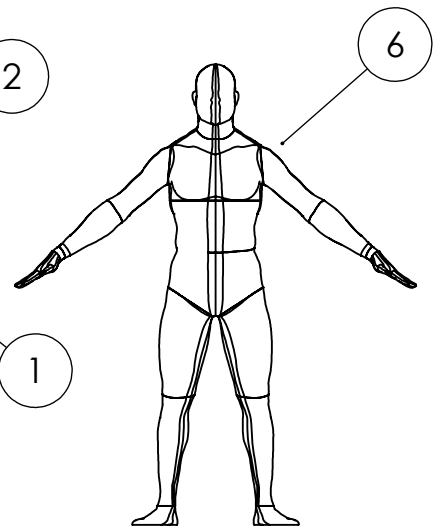
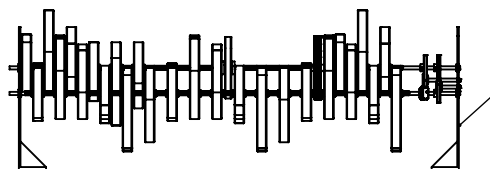
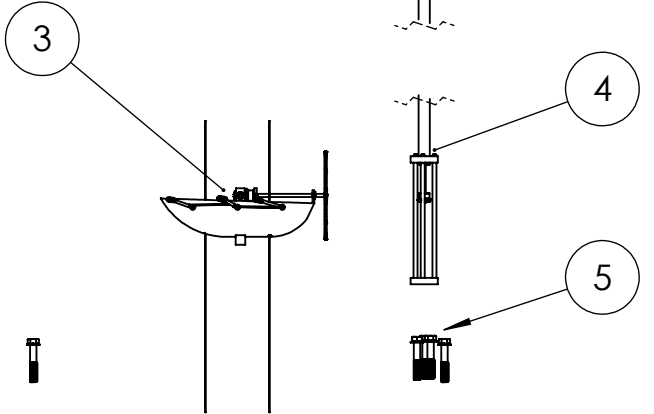
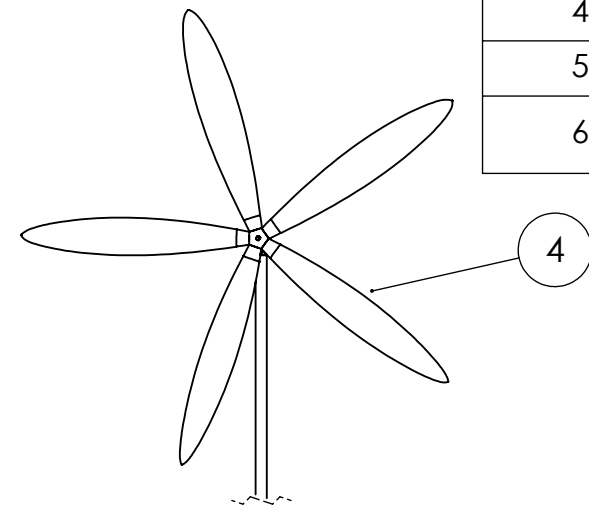
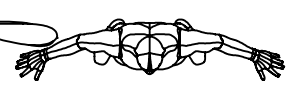
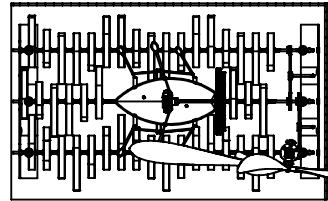
ENGR 3330 FALL 2015

*STORMY SEA SKIPPER*

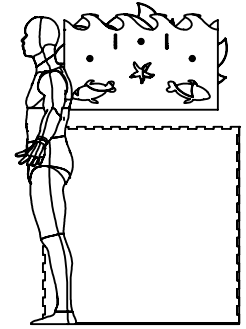
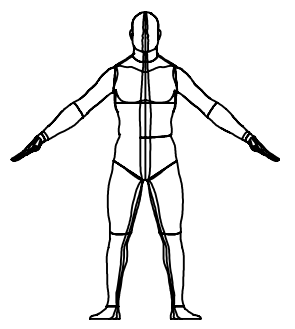
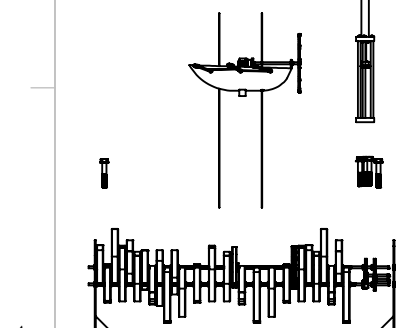
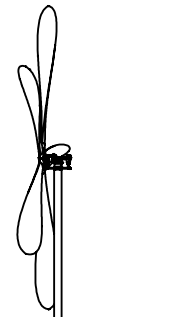
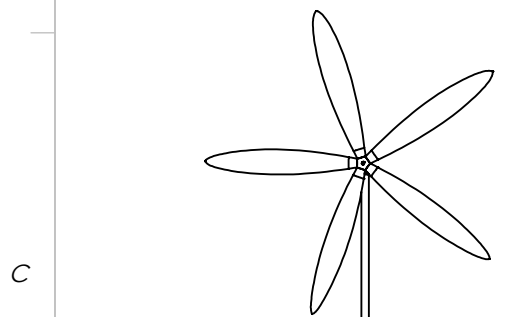
LINDSEY ANDRADE, KIKI CHANDRA, JULIA O'DONNELL, ABI RODRIGUES, TONI SAYLOR



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-4000-00	Base Assembly	1
2	SSS-1000-00	Clock Cage Assembly	1
3	SSS-2100-00	Boat Assembly	1
4	SSS-3000-00	Large Wind Turbine Assembly	1
5	SSS-0100-00	1" Bolt Assembly	9
6	User Library-PoseableMan	Poseable man assembly	1



Scale: 1:30



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ±0.5° 125/

UNLESS OTHERWISE SPECIFIED:		
QTY:	1	MATERIAL: N/A
DIMENSIONS ARE IN INCHES.		
ENGINEER	jodonnell	11/8/2015
DRAWN	tsaylor	11/8/2015
CHECKED	jodonnell	11/8/2015

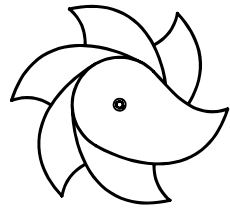
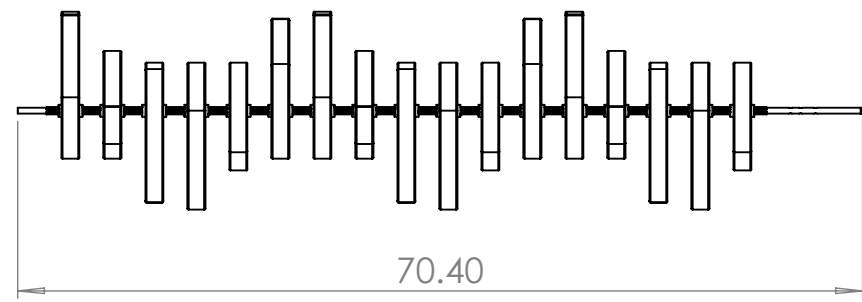
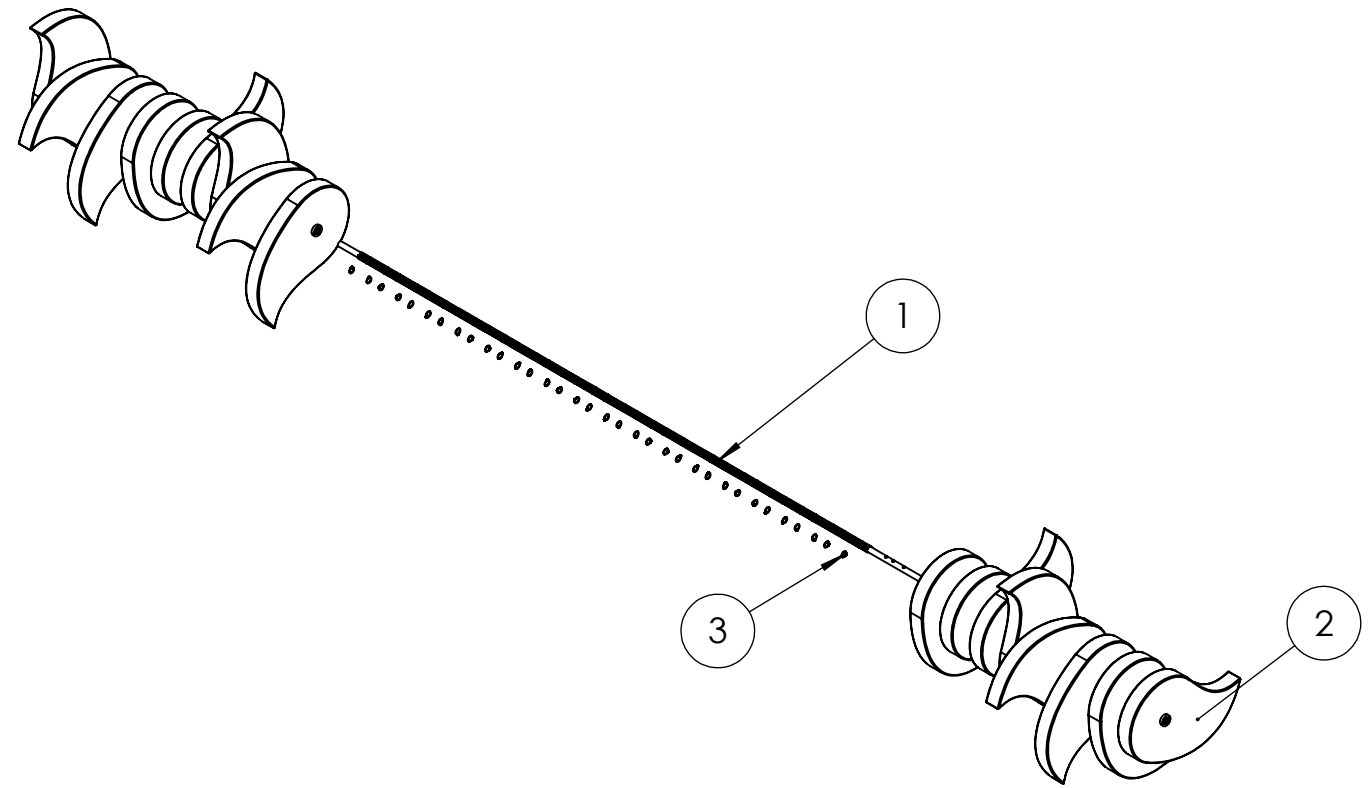
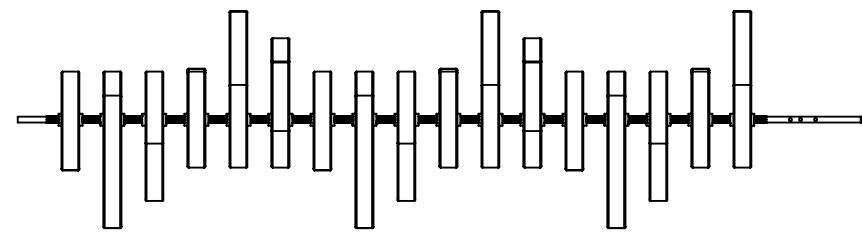


TITLE		
<b>FULL ASSEMBLY</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-0000-00</b>	<b>AC</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:40		

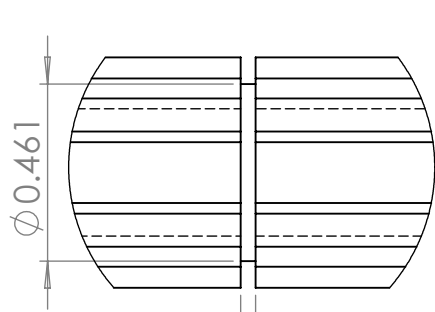
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.

Questions? Contact [toni.saylor@students.olin.edu](mailto:toni.saylor@students.olin.edu)

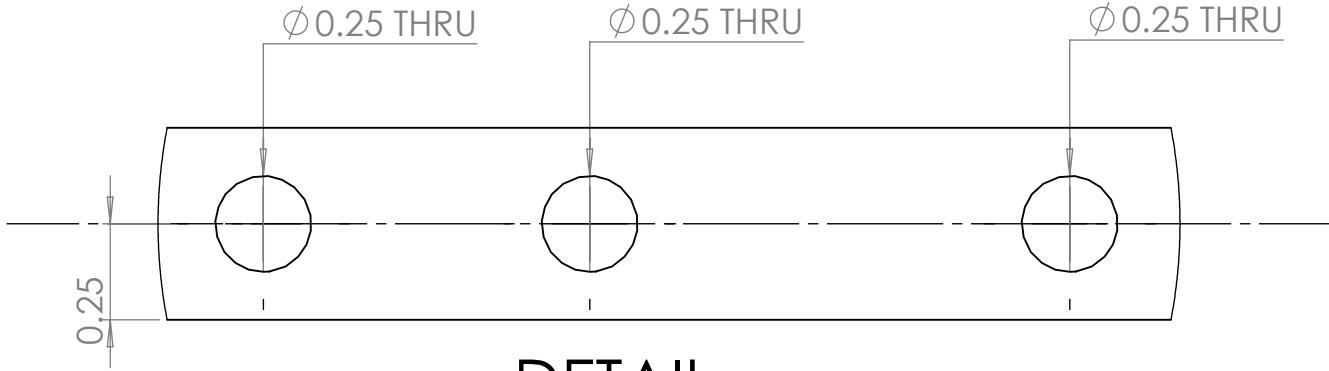
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-1100-01	Left and Right Shaft	1
2	SSS-1110-01	Cam	17
3	91590A122	.5" Retaining Ring from McMaster	34



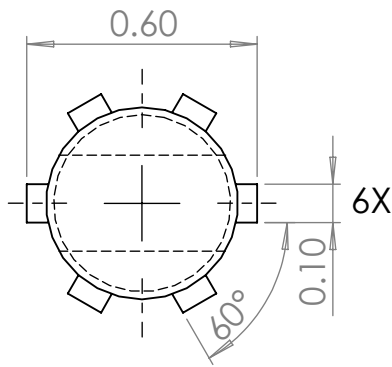
UNLESS OTHERWISE SPECIFIED:		QTY: 2		MATERIAL: N/A	
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994					
DIMENSIONS ARE IN INCHES.					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		ENGINEER	tsaylor	11/8/2015	
X.X ±0.03		DRAWN	tsaylor	11/8/2015	
X.XX ±0.01		CHECKED	jodonnell	11/8/2015	
X.XXX ±0.005					
±0.5° 125/		THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.			
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.					
Olin College of Engineering		TITLE		Outside Cam Shaft Assembly	
SIZE	PART NO.	REV			
B	SSS-1100-00	G			
SCALE	1:16	DO NOT SCALE PRINT		SHEET 1 OF 1	



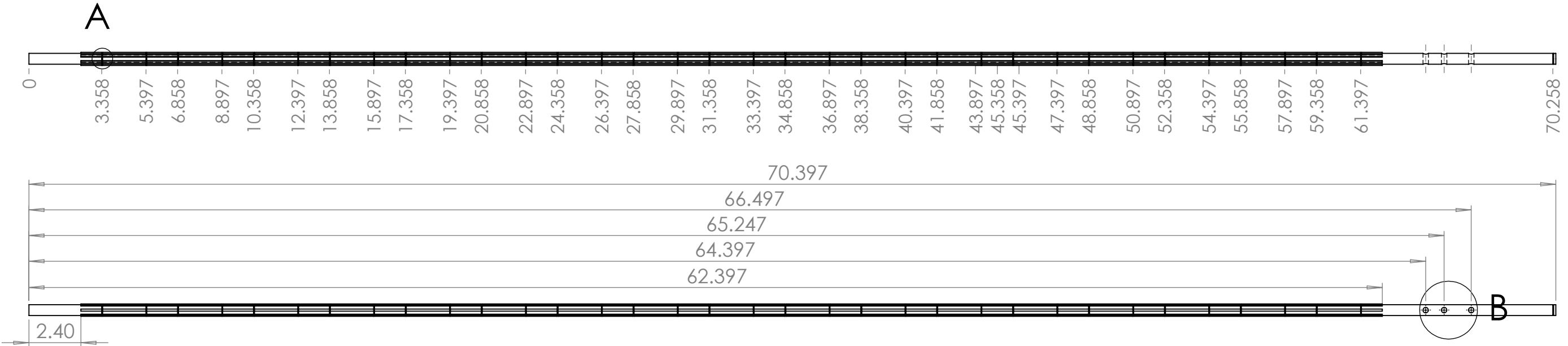
**DETAIL A**  
SCALE 2 : 1



**DETAIL B**  
SCALE 2 : 1




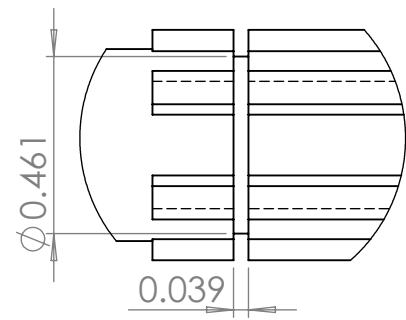
**DETAIL C**  
SCALE 2 : 1



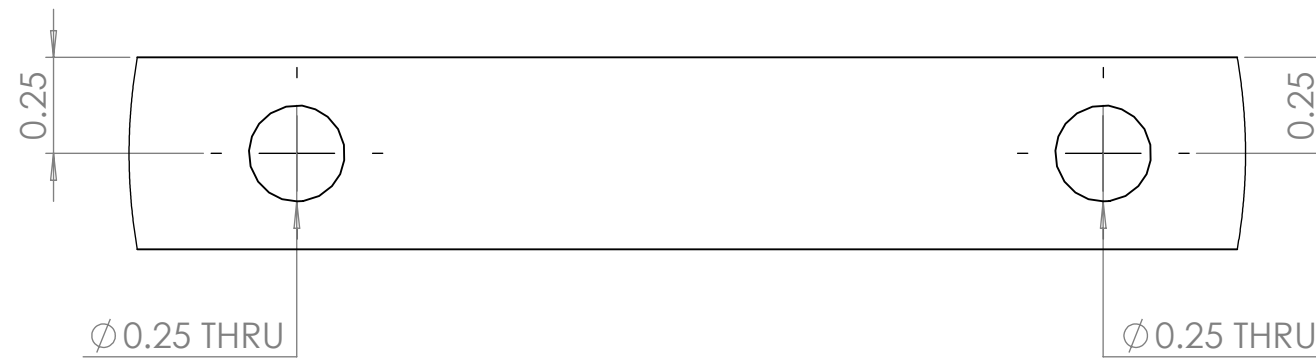
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
X.X ±0.03  
X.XX ±0.01  
X.XXX ±0.005  
±0.5° 125'  
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 2	MATERIAL: AISI 304 Steel	
DIMENSIONS ARE IN INCHES.		
ENGINEER	tsaylor	11/7/2015
DRAWN	tsaylor	11/7/2015
CHECKED	jodonnell	11/8/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		

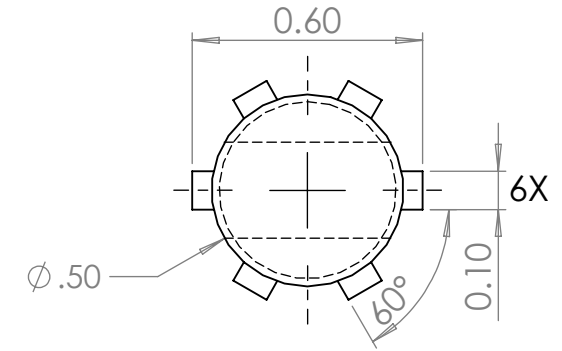
		
TITLE		
<p><b>Left and Right Shaft</b></p>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-1100-01</b>	<b>Y</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:5		



**DETAIL A**  
SCALE 2:1

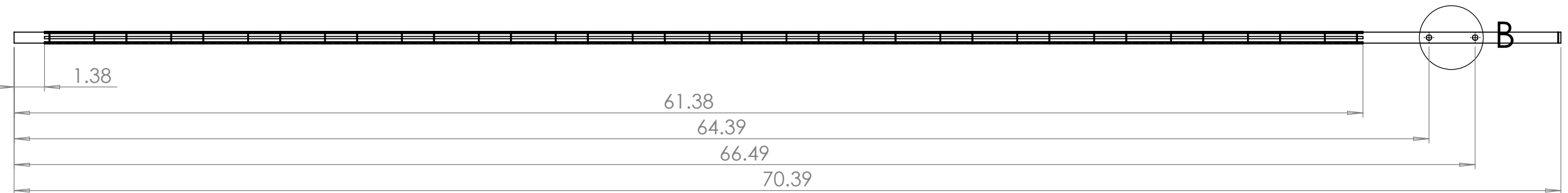
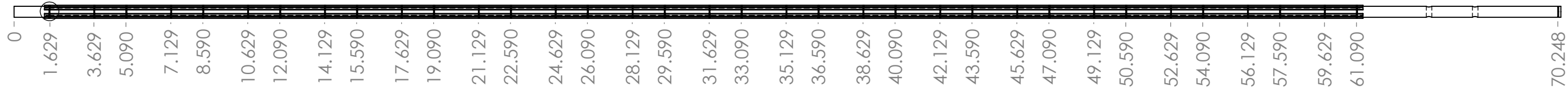


**DETAIL B**  
SCALE 2:1



**DETAIL C**  
SCALE 2:1

**A**



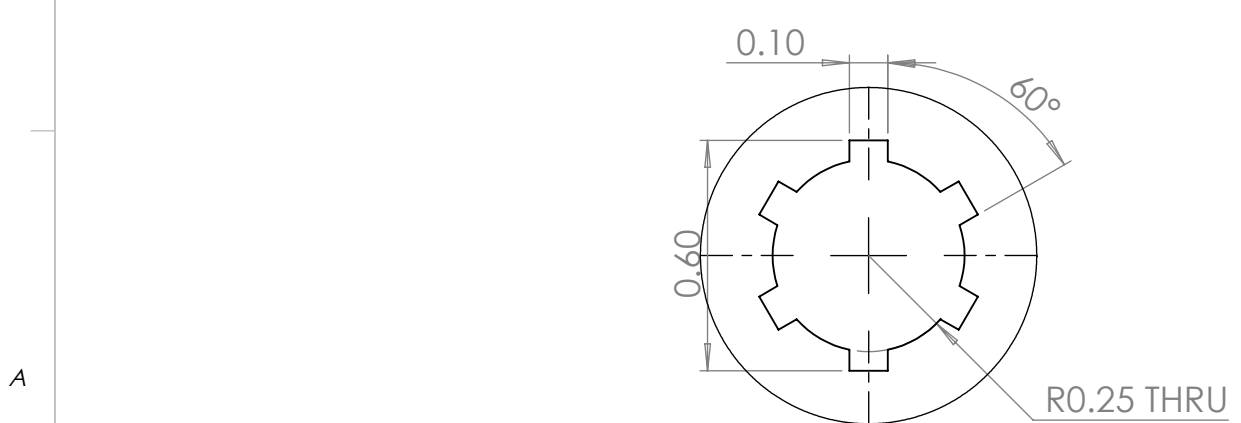
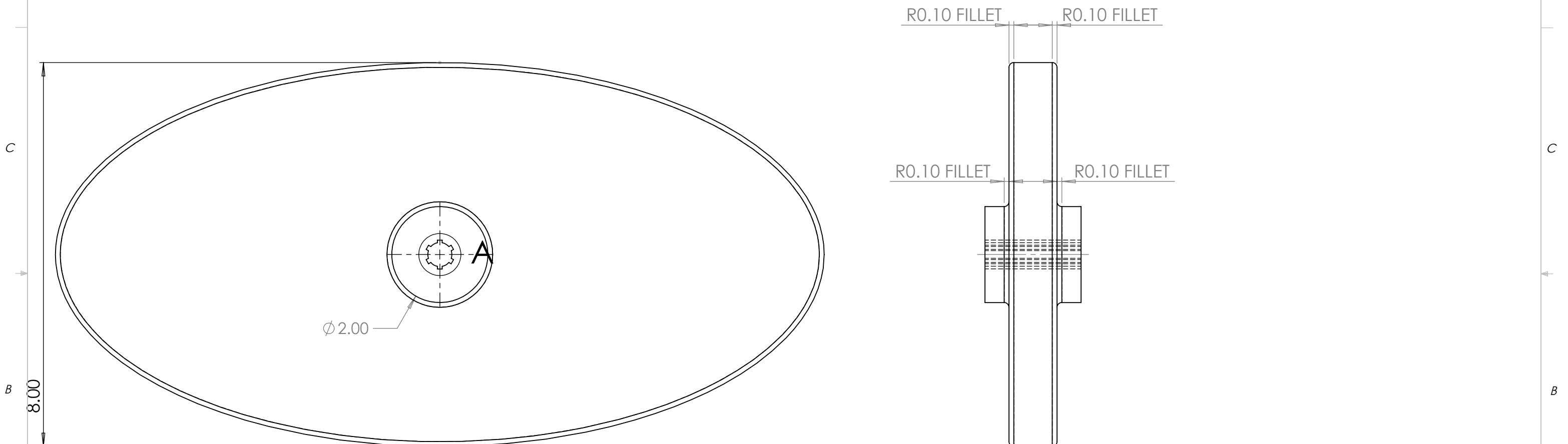
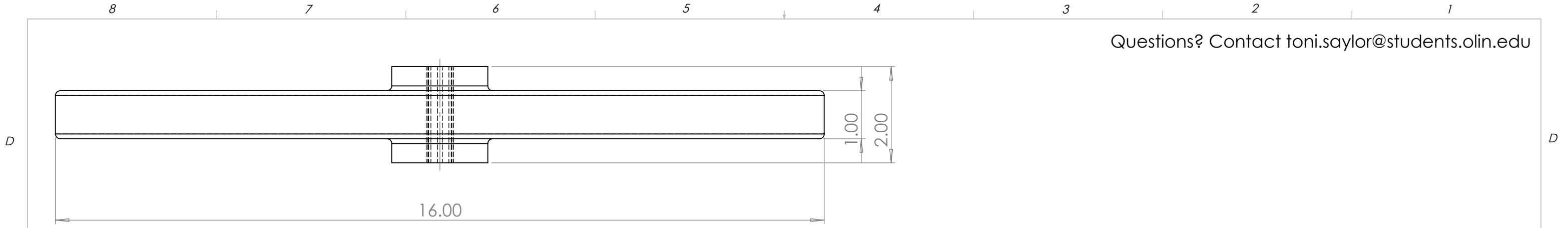
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
X.X ±0.03  
X.XX ±0.01  
X.XXX ±0.005  
±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL:	AISI 3031 Steel
DIMENSIONS ARE IN INCHES.		
ENGINEER	tsaylor	11/5/2015
DRAWN	tsaylor	11/8/2015
CHECKED	jodonnell	11/8/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		



TITLE		
<b>Center Shaft</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-1200-01</b>	<b>M</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:5		



**DETAIL A**  
SCALE 2:1


ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

±0.5° 125/

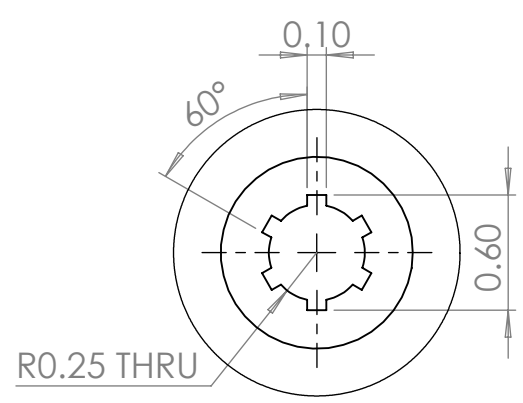
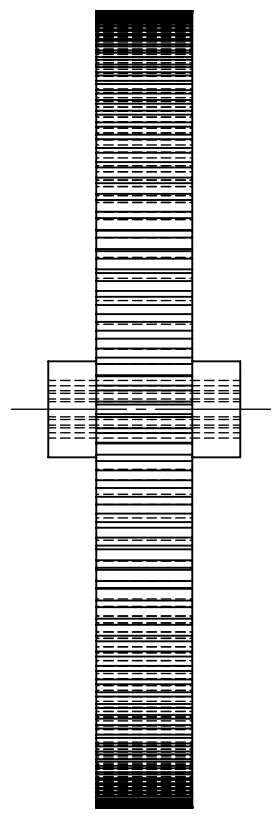
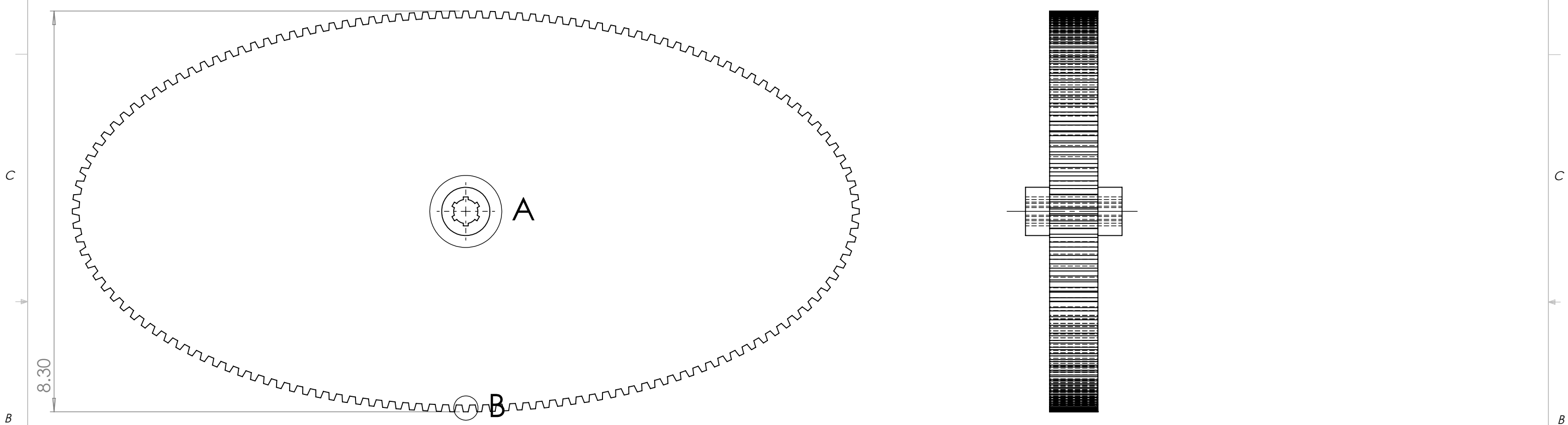
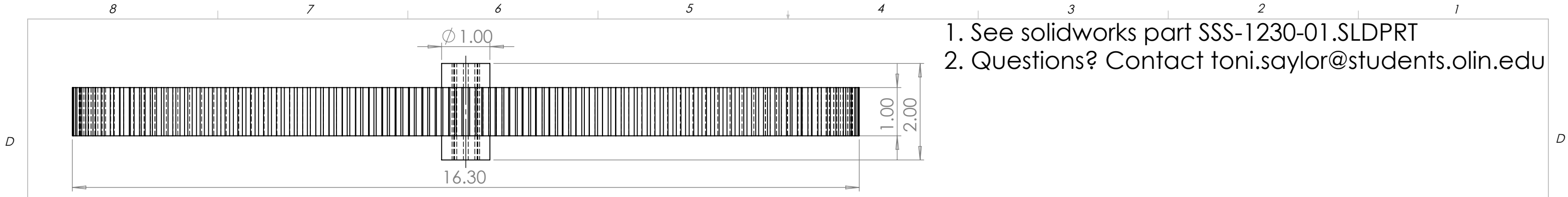
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL:	ABS
DIMENSIONS ARE IN INCHES.		
ENGINEER	tsaylor	11/8/2015
DRAWN	tsaylor	11/8/2015
CHECKED	jodonnell	11/8/2015

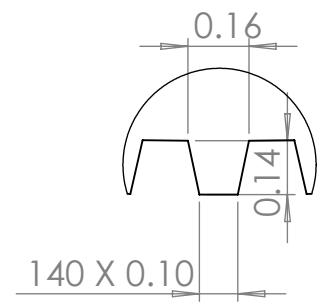
		
<b>Boat Cam</b>		
SIZE <b>B</b>	PART NO. <b>SSS-1220-01</b>	REV <b>E</b>
SCALE 1:2	DO NOT SCALE PRINT	SHEET 1 OF 1

THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.

1. See solidworks part SSS-1230-01.SLDPRT  
 2. Questions? Contact [toni.saylor@students.olin.edu](mailto:toni.saylor@students.olin.edu)



**DETAIL A**  
SCALE 1 : 1



**DETAIL B**  
SCALE 2 : 1

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ±0.5° 125/

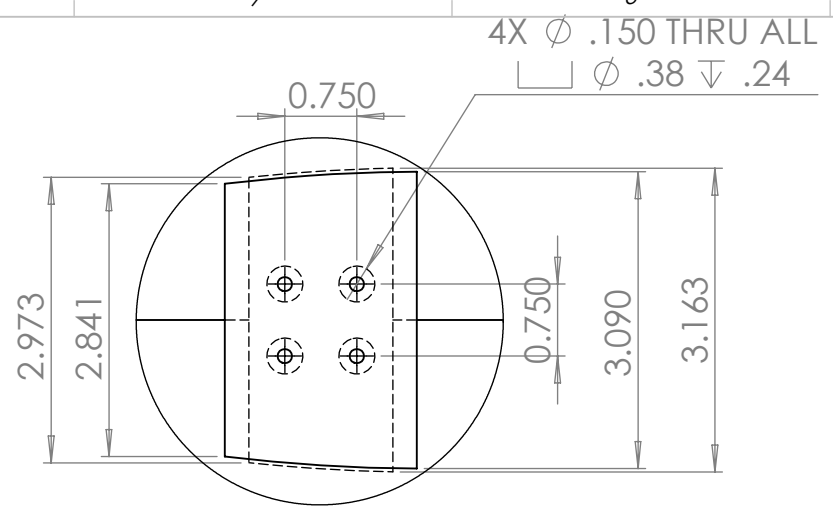
UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: Nylon	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	tsaylor	11/7/2015
CHECKED	jodonnell	11/8/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		

TITLE		
<b>Gear Cam</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-1230-01</b>	<b>B</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:2		

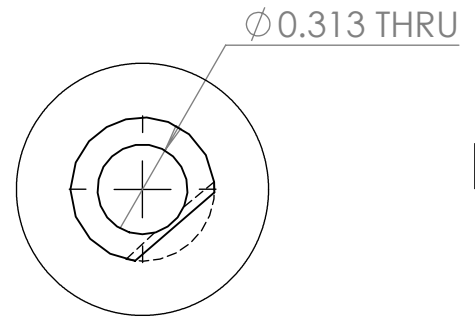


1. To be 3D printed. See Solidworks part SSS-2100-01.SLDPRT  
 2. Questions? Contact [toni.saylor@students.olin.edu](mailto:toni.saylor@students.olin.edu)

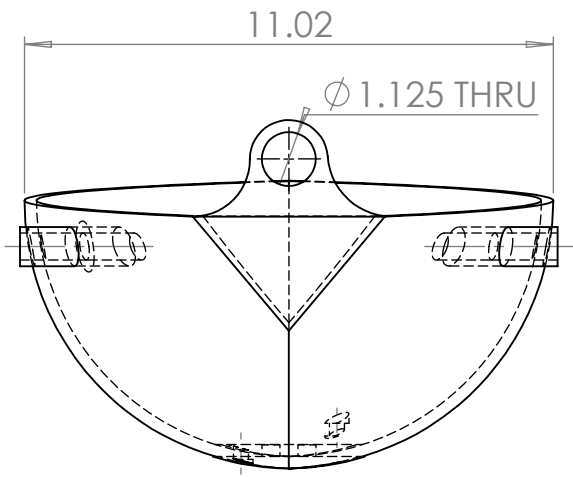
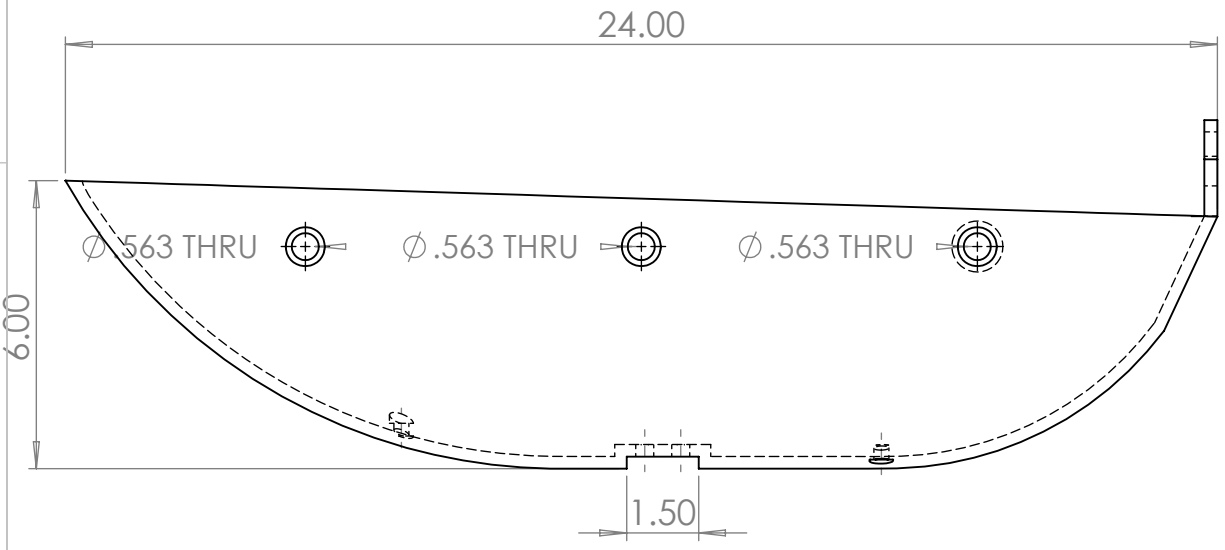
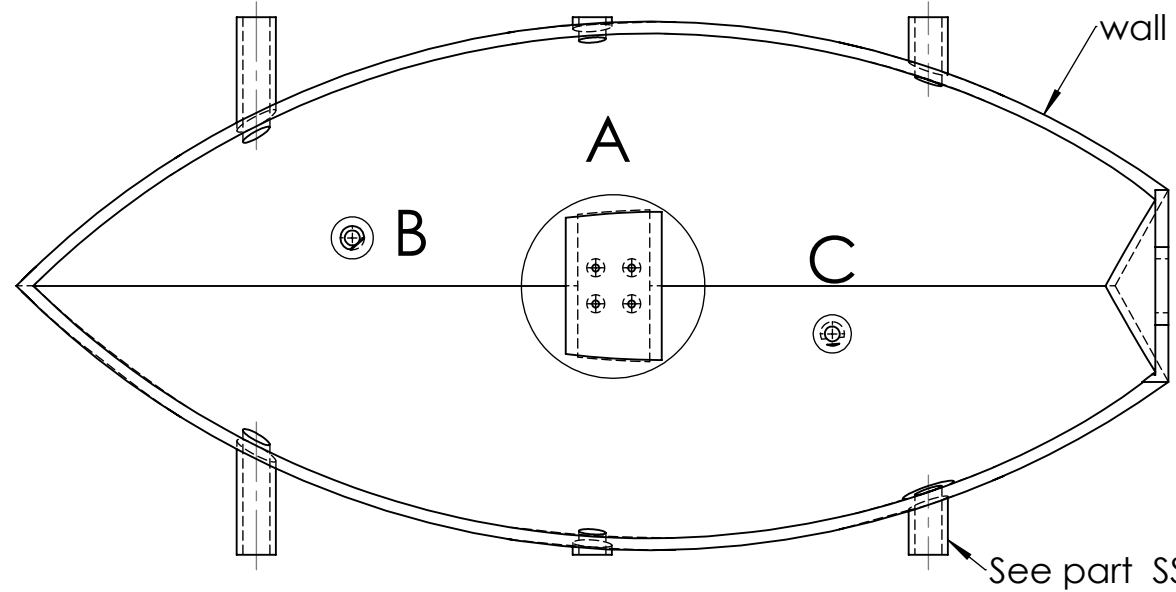
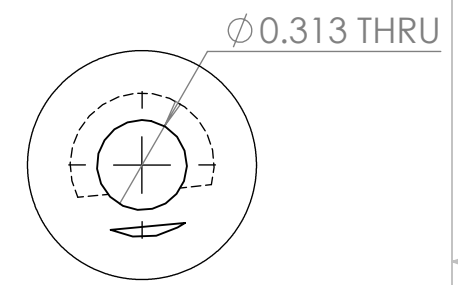
**DETAIL A**  
 SCALE 1:2



**DETAIL B**  
 SCALE 1.5:1



**DETAIL C**  
 SCALE 1.5:1



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ±0.5° 125'  
 REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

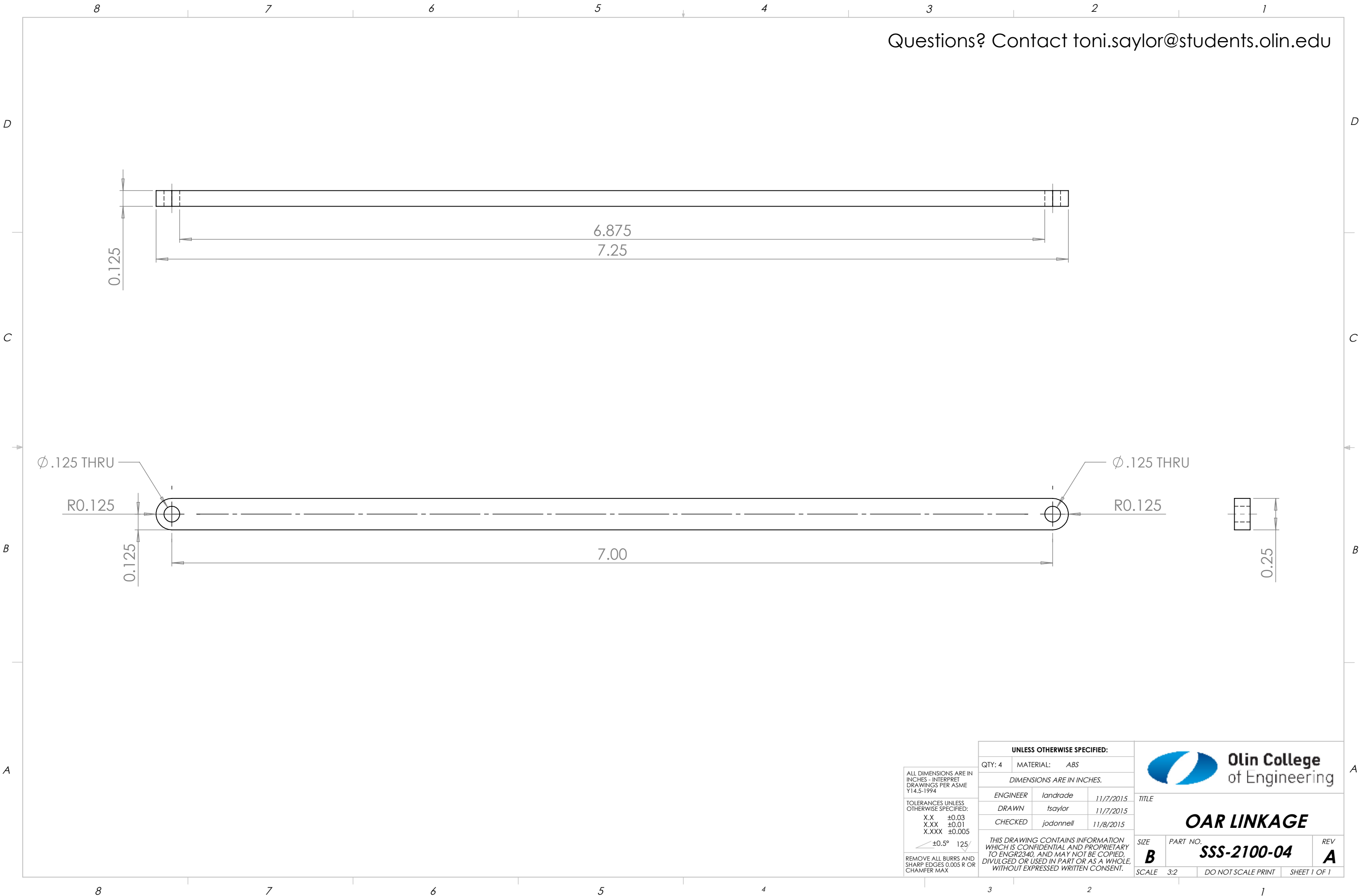
UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL:	ABS
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	tsaylor	11/7/2015
CHECKED	jodonnell	11/7/2015



TITLE		
<b>BOAT</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2100-01</b>	<b>F</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:4		



Questions? Contact [toni.saylor@students.olin.edu](mailto:toni.saylor@students.olin.edu)



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

∠ ±0.5° 125/

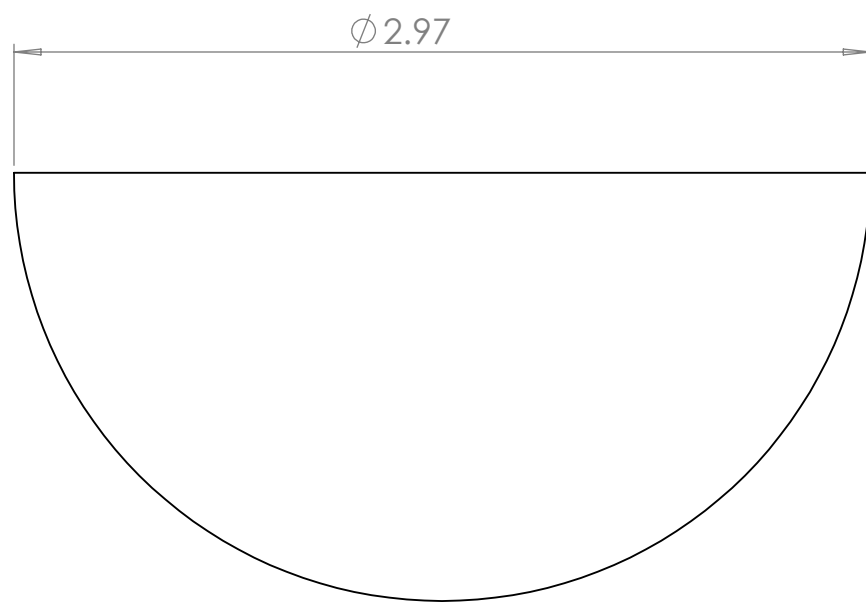
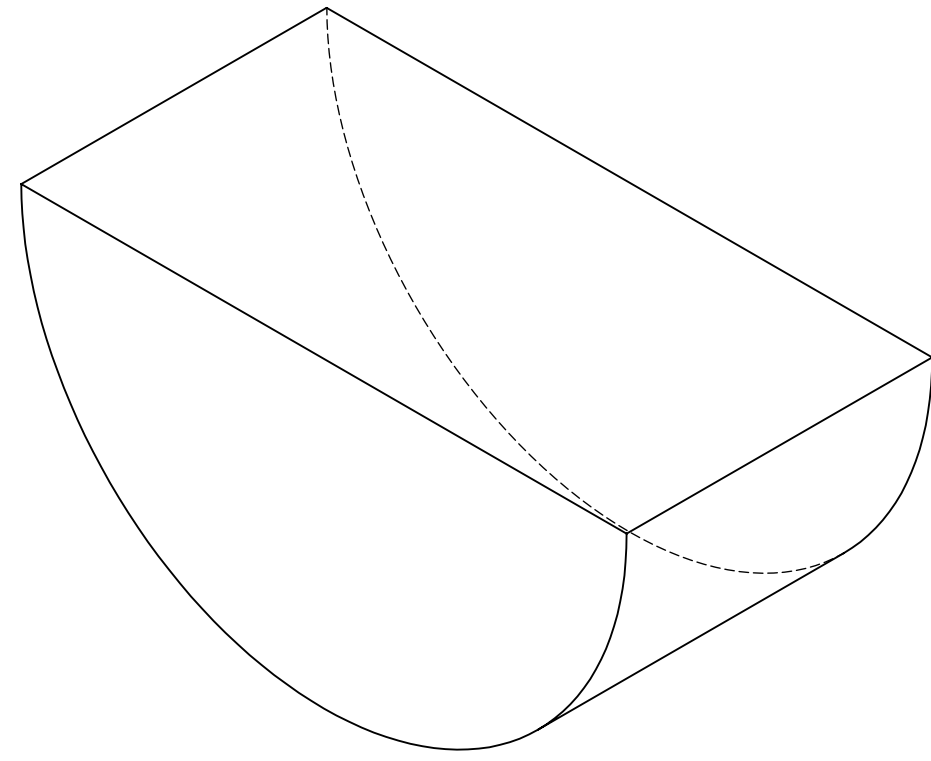
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 4	MATERIAL:	ABS
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	tsaylor	11/7/2015
CHECKED	jodonnell	11/8/2015



TITLE		
<b>OAR LINKAGE</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2100-04</b>	<b>A</b>
SCALE	3:2	DO NOT SCALE PRINT
		SHEET 1 OF 1

1. To be 3D-printed, see Solidworks part SSS-2100-09.SLDPRT
2. Questions? Contact [toni.saylor@students.olin.edu](mailto:toni.saylor@students.olin.edu)




ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

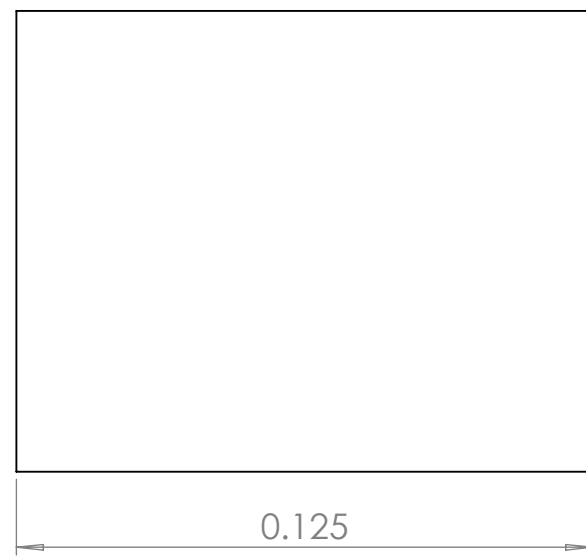
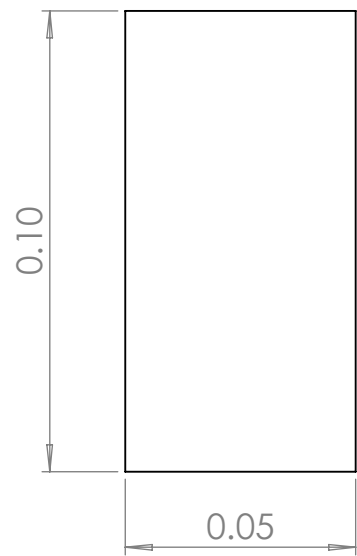
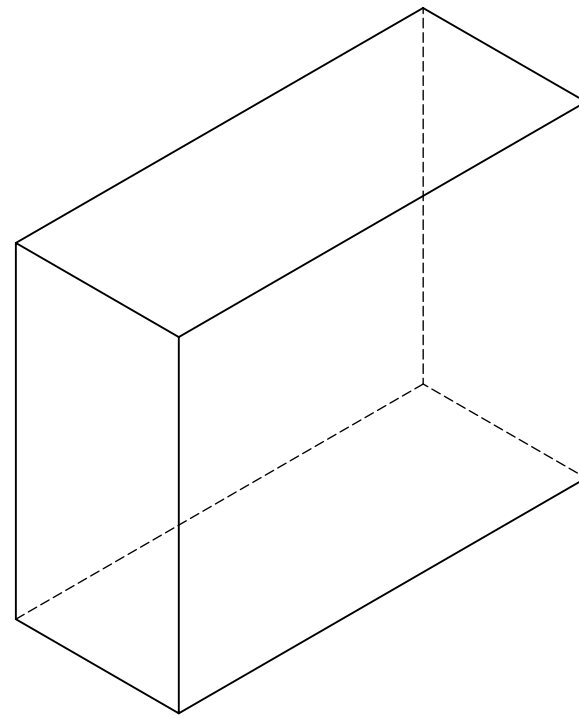
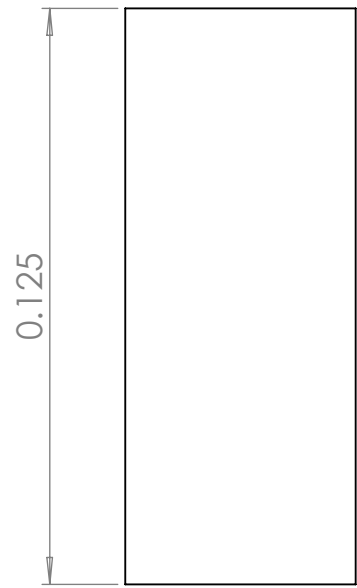
±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL:	ABS
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	tsaylor	11/7/2015
CHECKED	jodonnell	11/8/2015

		
TITLE		
<b>Cam Insert</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2100-09</b>	<b>C</b>
SCALE	DO NOT SCALE PRINT SHEET 1 OF 1	
3:2		

Questions?  
 Contact [toni.saylor@students.olin.edu](mailto:toni.saylor@students.olin.edu)



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:

QTY: 1 MATERIAL: 6061 Aluminum

DIMENSIONS ARE IN INCHES.

ENGINEER	landrade	11/11/2015
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DRAWN	tsaylor	11/6/2015
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CHECKED	jodonnell	11/8/2015
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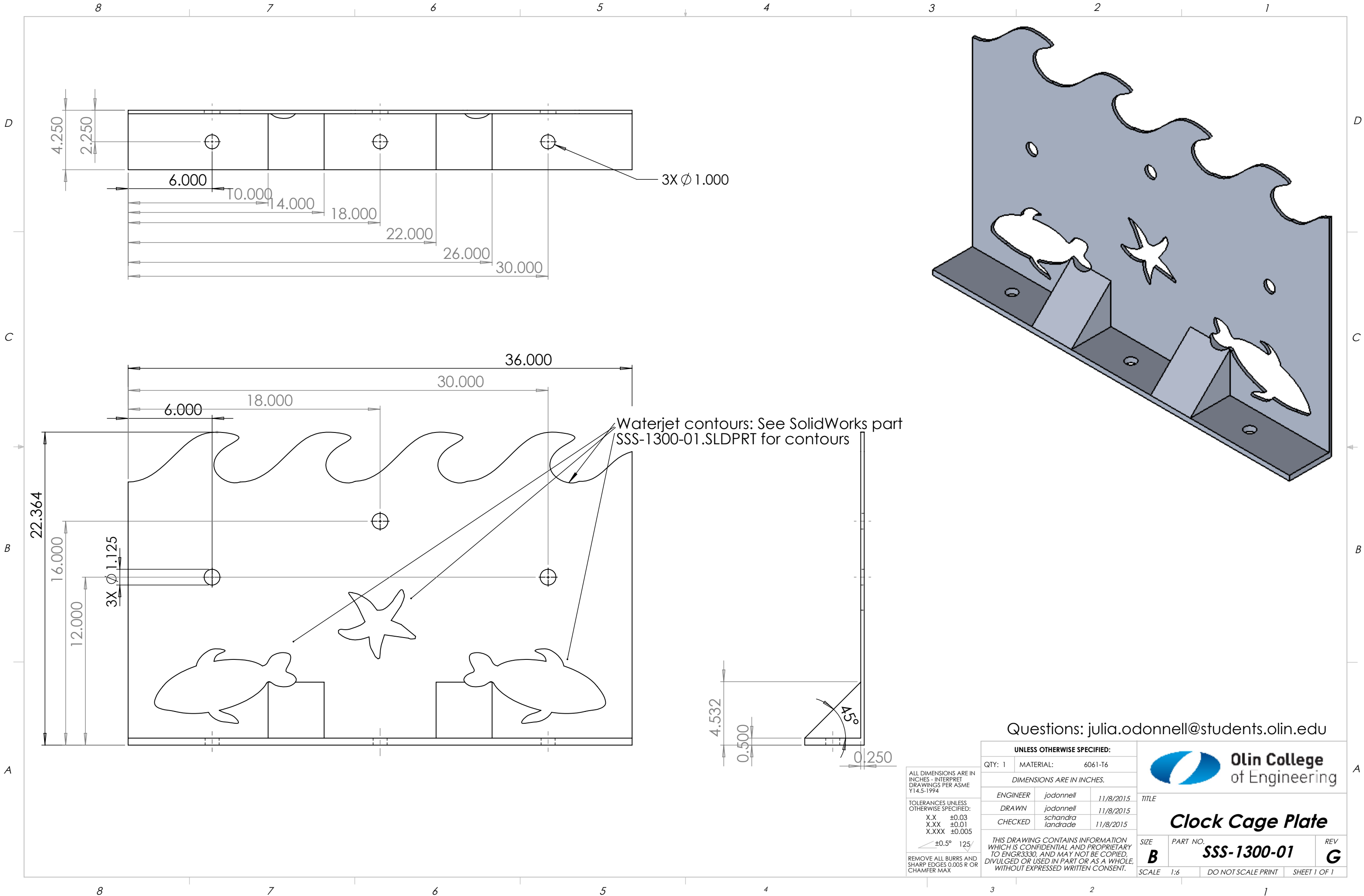


TITLE

**Custom Key**

SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2120-05</b>	<b>A</b>

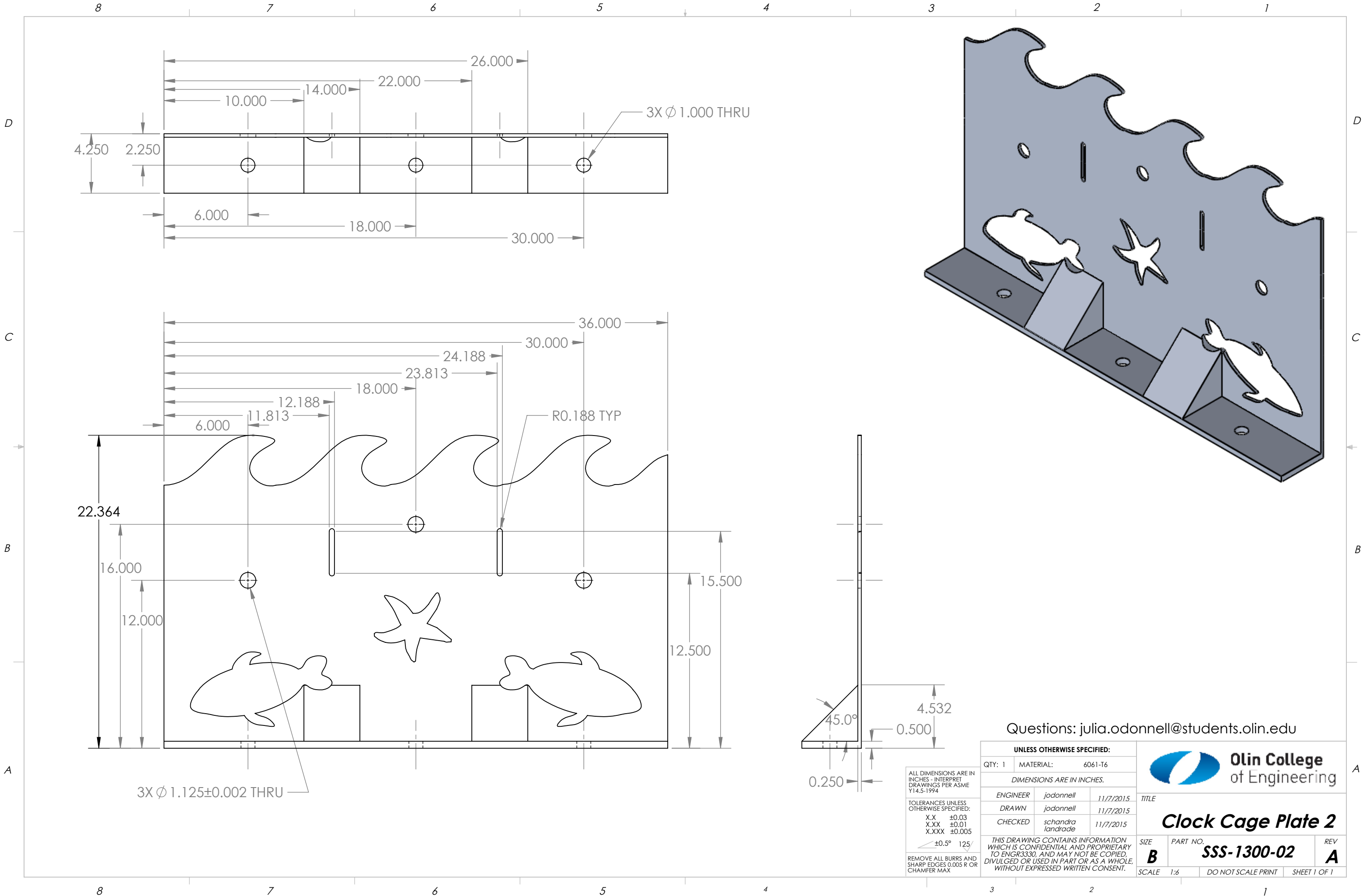
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
24:1		



Waterjet contours: See SolidWorks part SSS-1300-01.SLDPRT for contours

Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

UNLESS OTHERWISE SPECIFIED:			Olin College of Engineering		
QTY: 1	MATERIAL:	6061-T6			
DIMENSIONS ARE IN INCHES.					
ENGINEER	jodonnell	11/8/2015	<b>Clock Cage Plate</b>		
DRAWN	jodonnell	11/8/2015			
CHECKED	schandra landrade	11/8/2015			
<small>ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994</small> <small>TOLERANCES UNLESS OTHERWISE SPECIFIED:</small> X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125/			<small>TITLE</small> <b>Clock Cage Plate</b>		
<small>REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.</small>			<small>SIZE</small> <b>B</b>	<small>PART NO.</small> <b>SSS-1300-01</b>	<small>REV</small> <b>G</b>
<small>THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.</small>			<small>SCALE</small> 1:6	<small>DO NOT SCALE PRINT</small>	<small>SHEET 1 OF 1</small>



Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

UNLESS OTHERWISE SPECIFIED:			Olin College of Engineering		
QTY: 1	MATERIAL:	6061-T6	<b>Clock Cage Plate 2</b> SIZE <b>B</b> PART NO. <b>SSS-1300-02</b> REV <b>A</b> SCALE 1:6 DO NOT SCALE PRINT SHEET 1 OF 1		
DIMENSIONS ARE IN INCHES.					
ENGINEER	jodonnell	11/7/2015			
DRAWN	jodonnell	11/7/2015			
CHECKED	schandra landrade	11/7/2015	THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		

8 7 6 5 4 3 2 1

D

D

C

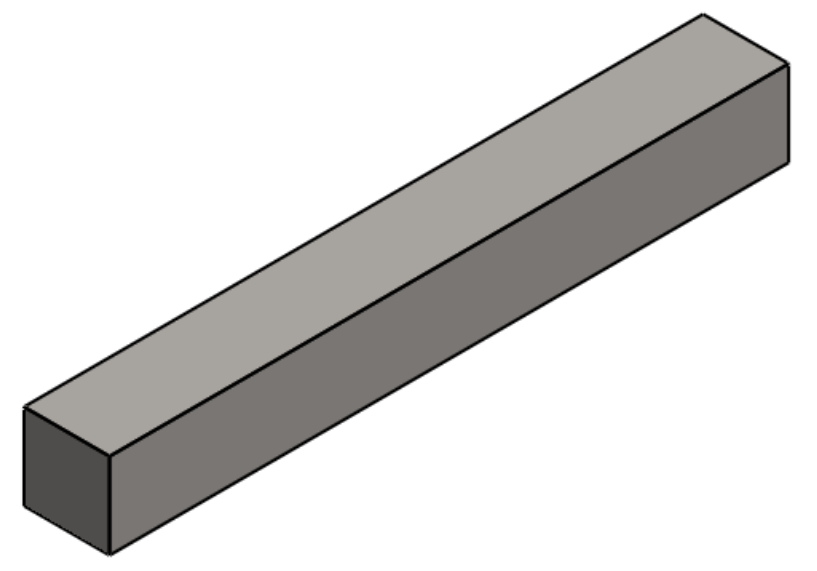
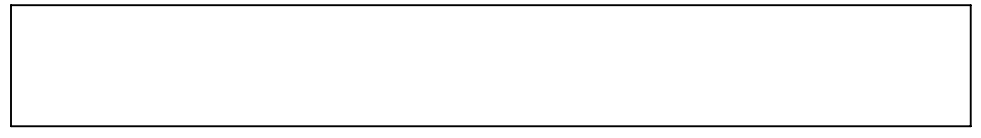
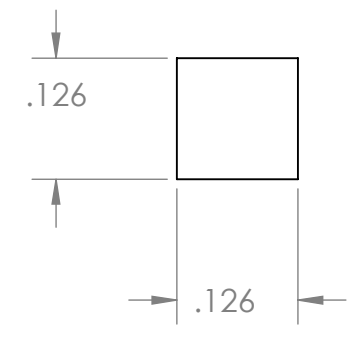
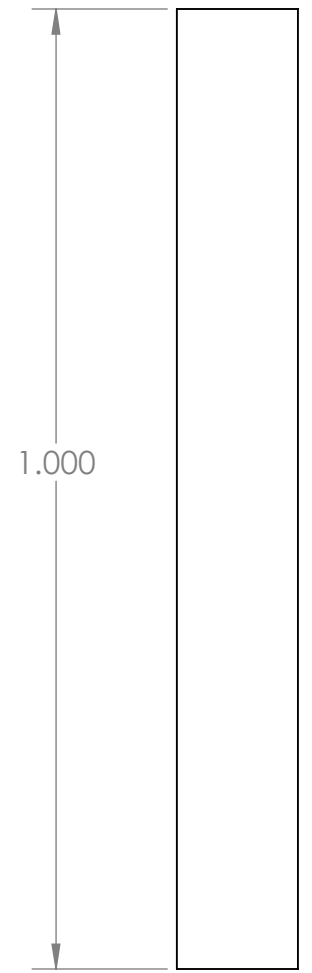
C

B

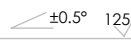

B

A

A



Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

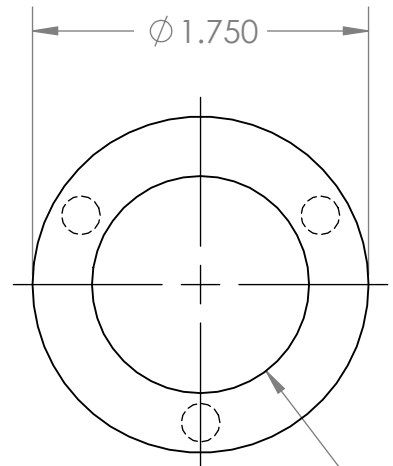
<small>ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994</small> <small>TOLERANCES UNLESS OTHERWISE SPECIFIED:</small> X.X ±0.03 X.XX ±0.01 X.XXX ±0.005  ±0.5° 125/	<b>UNLESS OTHERWISE SPECIFIED:</b>			 <b>Olin College</b> of Engineering
	QTY: 1	MATERIAL:	AISI 304	
	<i>DIMENSIONS ARE IN INCHES.</i>			<small>TITLE</small> <b>WIND TURBINE KEY</b>
	ENGINEER	landrade	11/8/2015	
	DRAWN	jodonnell	11/8/2015	<small>SIZE</small> <b>B</b>
	CHECKED	schandra landrade	11/8/2015	
<small>REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.</small>	<small>THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.</small>			<small>REV</small> <b>A</b>
	SCALE	5:1	DO NOT SCALE PRINT	SHEET 1 OF 1

8 7 6 5 4 3 2 1

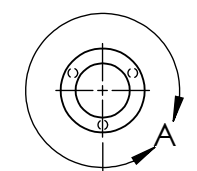
8 7 6 5 4 3 2 1

D  
C  
B  
A

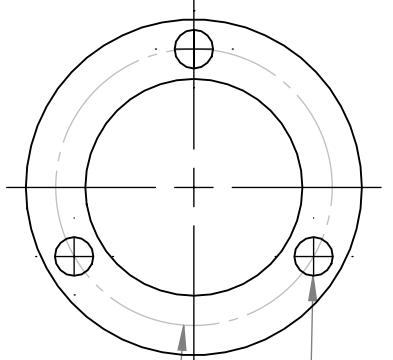
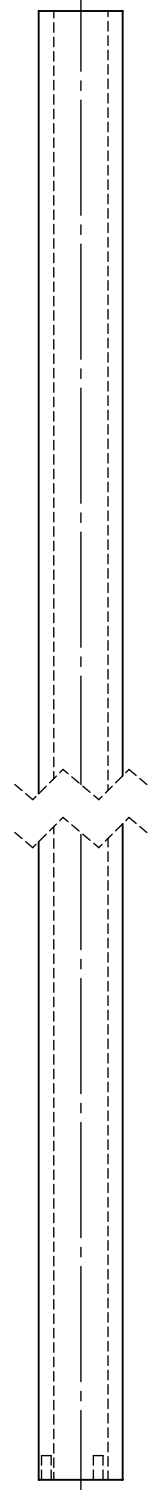
D  
C  
B  
A



DETAIL A  
SCALE 1:1

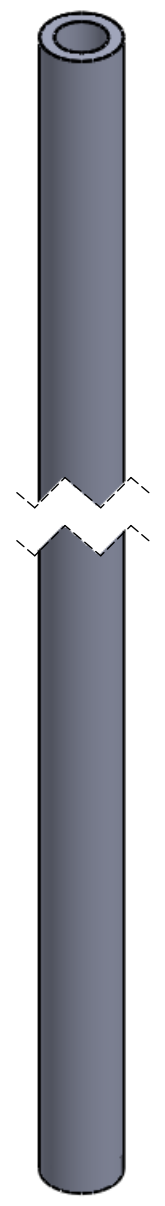
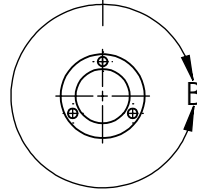


186.000




DETAIL B  
SCALE 1:1

3 PL  $\phi .201 \nabla .500$   
1/4-20 UNC  $\nabla 0.450$

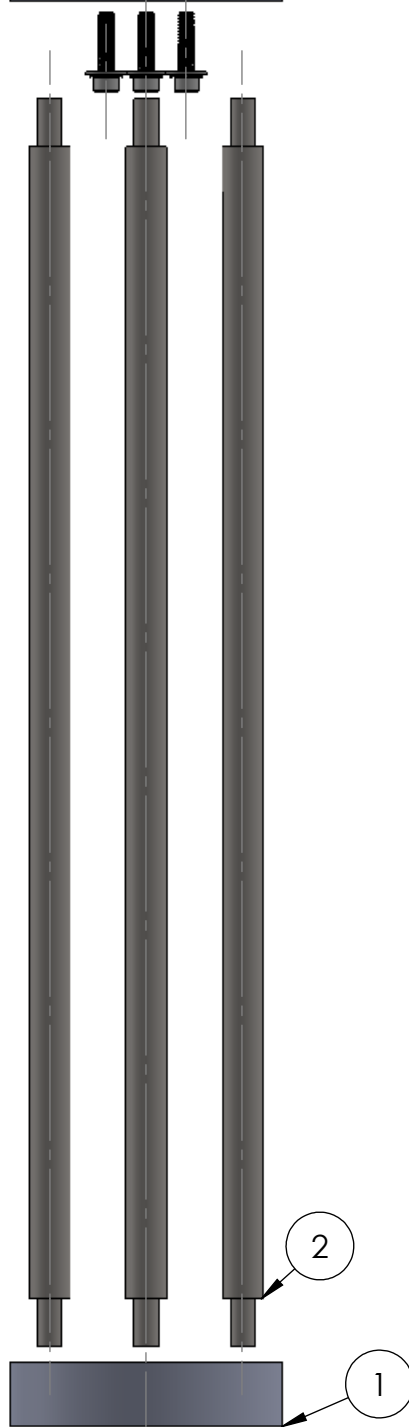
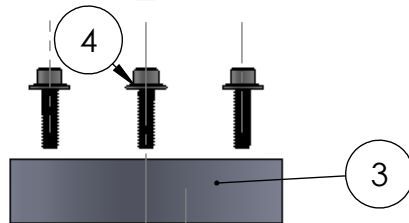
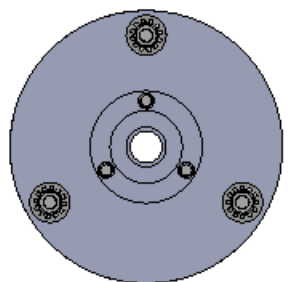


Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

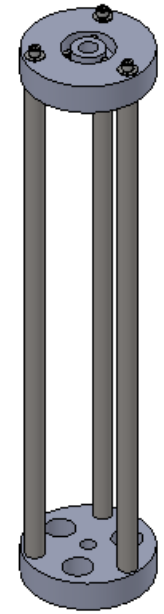
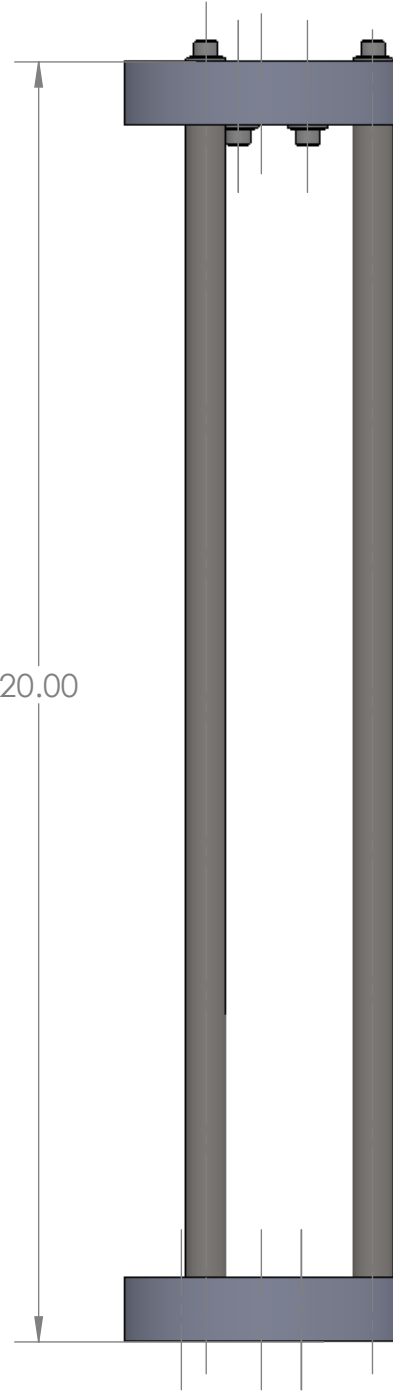
UNLESS OTHERWISE SPECIFIED:			
QTY: 1	MATERIAL: AISI 304	TITLE	
DIMENSIONS ARE IN INCHES.			
ENGINEER	jodonnell	11/8/2015	<b>Turbine Outer Shaft</b> SIZE <b>B</b> PART NO. <b>SSS-3000-03</b> REV <b>G</b>
DRAWN	jodonnell	11/8/2015	
CHECKED	schandra landrade	11/8/2015	
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994 TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125/		THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.	
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.		SCALE 1:4	DO NOT SCALE PRINT SHEET 1 OF 1

8 7 6 5 4 3 2 1






ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-3300-03	base	1
2	SSS-3300-01	Tenon Post	3
3	SSS-3300-02	plate for mounting large outer shaft	1
4	SSS-3310-00	1/4-20 Screw Asm	6



Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

UNLESS OTHERWISE SPECIFIED:				
QTY: 1	MATERIAL:	VARIOUS		
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994				
DIMENSIONS ARE IN INCHES.				
ENGINEER	jodonnell	11/8/2015	TITLE	
DRAWN	jodonnell	11/8/2015	Turbine Base Assembly	
CHECKED	schandra landrade	11/8/2015	SIZE	REV
TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005			B	SSS-3300-00
±0.5° 125/			SCALE	F
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.			1:3	DO NOT SCALE PRINT
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.			SHEET 1 OF 1	

8 7 6 5 4 3 2 1

D

D

C

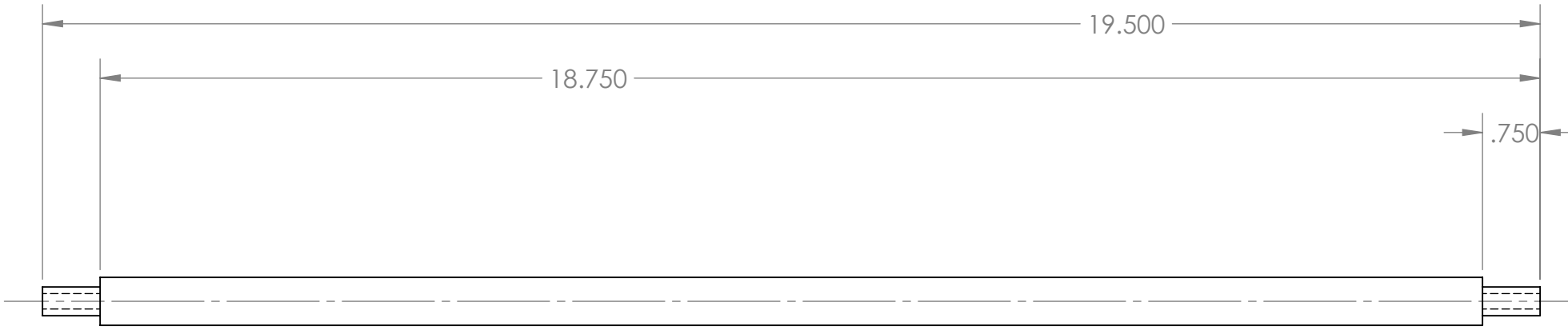
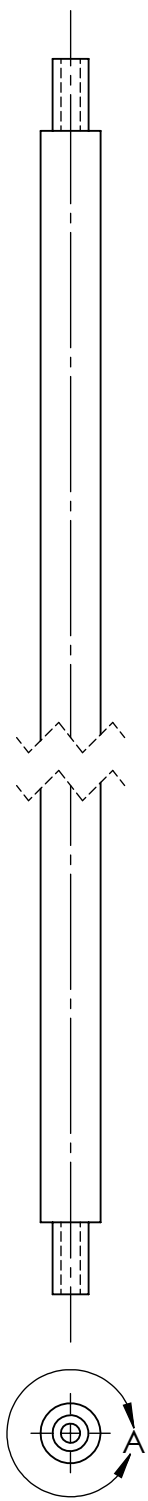
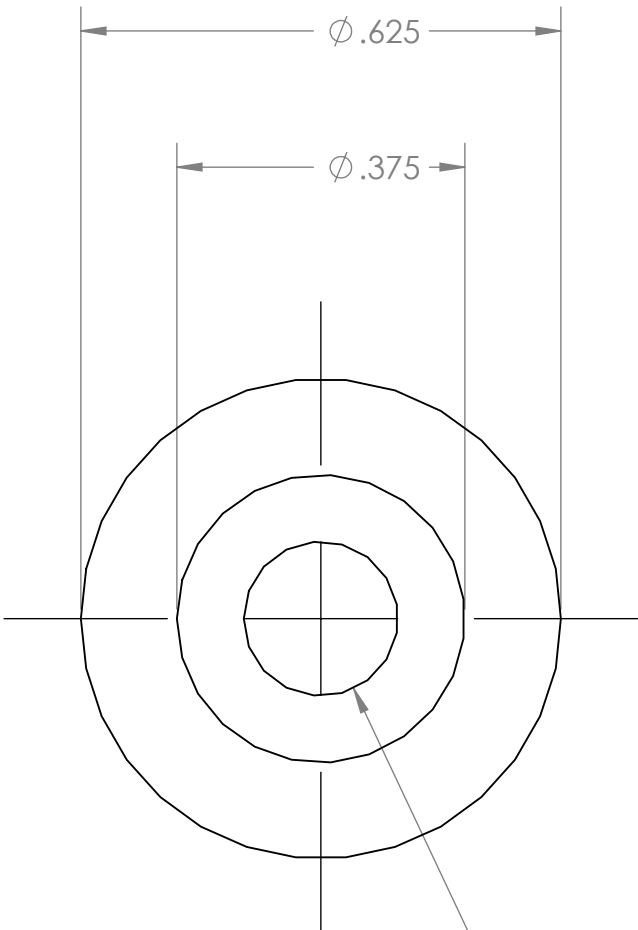
C

B

B

A

A



DETAIL A  
SCALE 4 : 1

$\phi .201 \nabla .750$   
1/4-20 UNC  $\nabla .70$

Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

±0.5° 125/

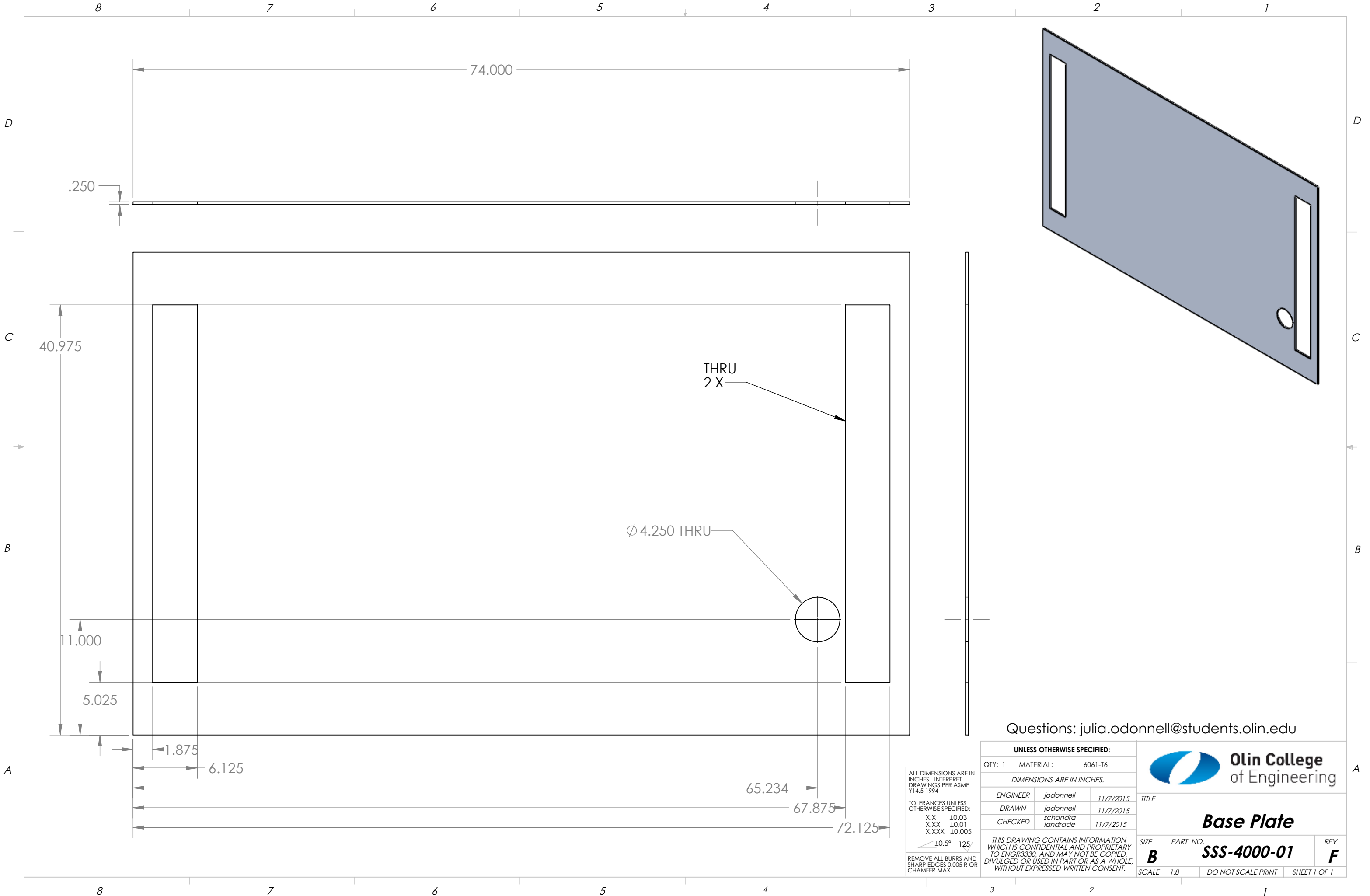
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 3	MATERIAL:	AISI 304
DIMENSIONS ARE IN INCHES.		
ENGINEER	jodonnell	11/5/2015
DRAWN	jodonnell	11/5/2015
CHECKED	schandra landrade	11/5/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		



TITLE		
<b>Tenon Post</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-3300-01</b>	<b>A</b>
SCALE 1:2	DO NOT SCALE PRINT	SHEET 1 OF 1

8 7 6 5 4 3 2 1



.250

74.000

40.975

THRU  
2 X

Ø 4.250 THRU

11.000

5.025

1.875

6.125

65.234

67.875

72.125

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
X.X ±0.03  
X.XX ±0.01  
X.XXX ±0.005  
±0.5° 125/  
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX

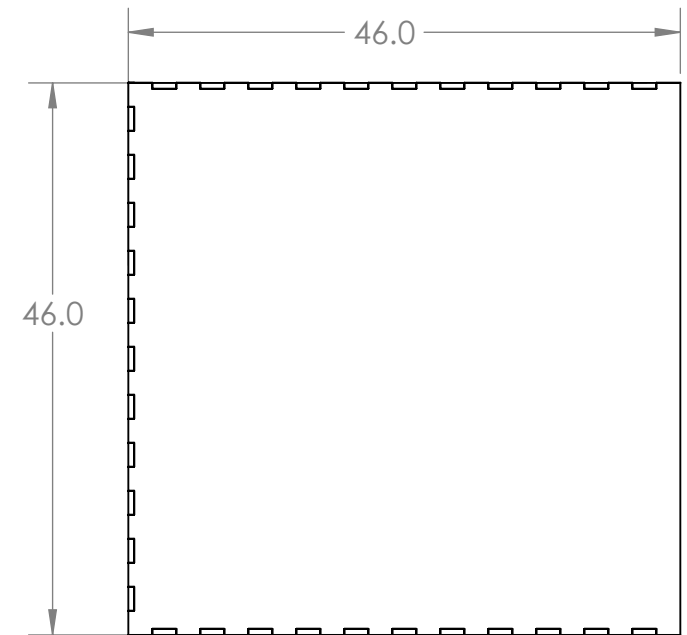
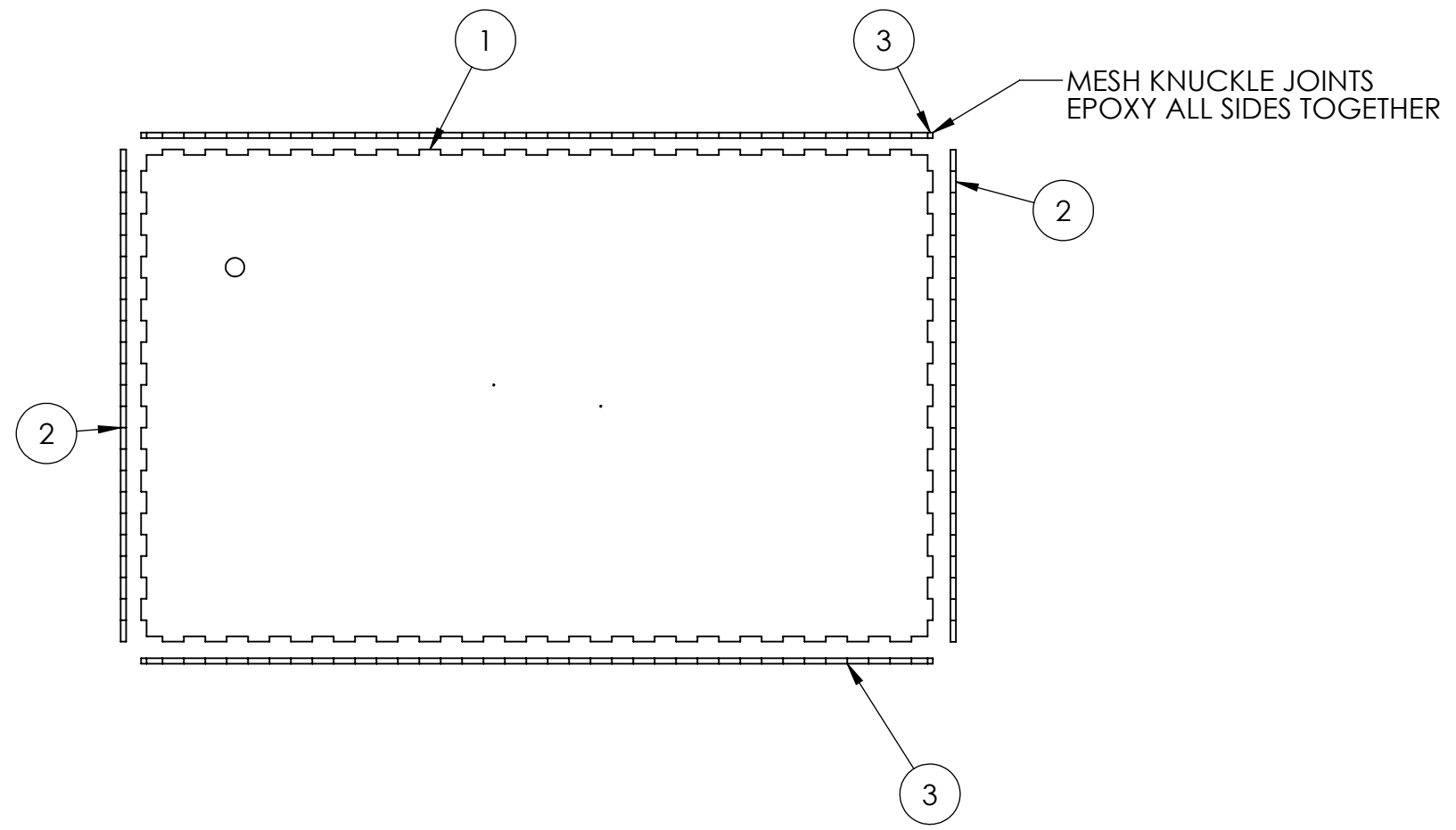
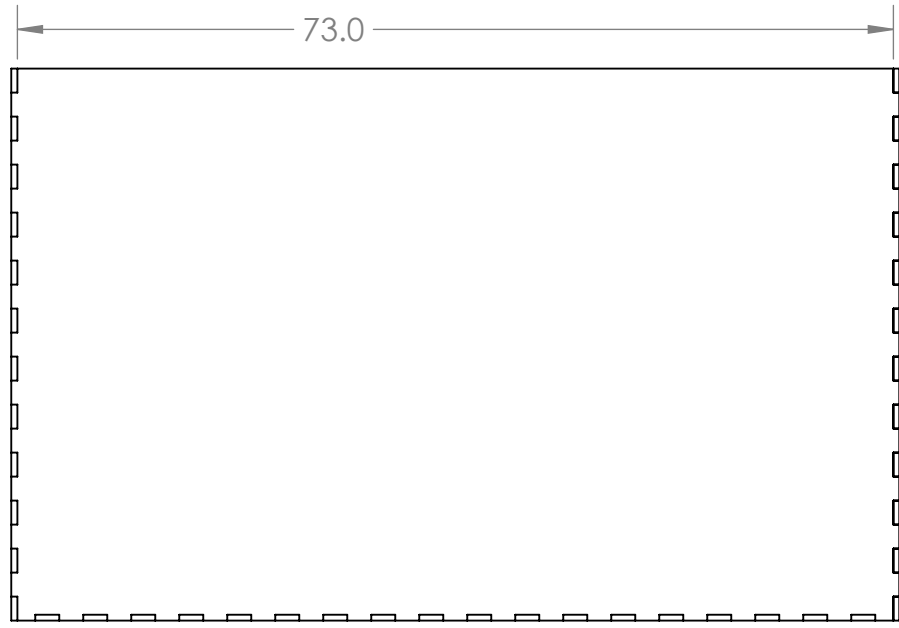
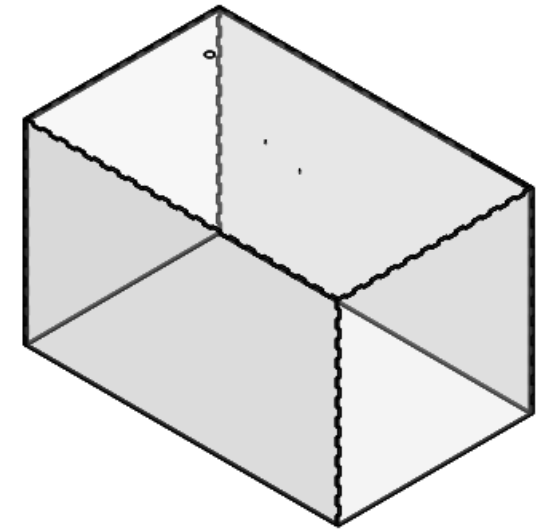
UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL:	6061-T6
DIMENSIONS ARE IN INCHES.		
ENGINEER	jodonnell	11/7/2015
DRAWN	jodonnell	11/7/2015
CHECKED	schandra landrade	11/7/2015



TITLE		
<b>Base Plate</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-4000-01</b>	<b>F</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:8		

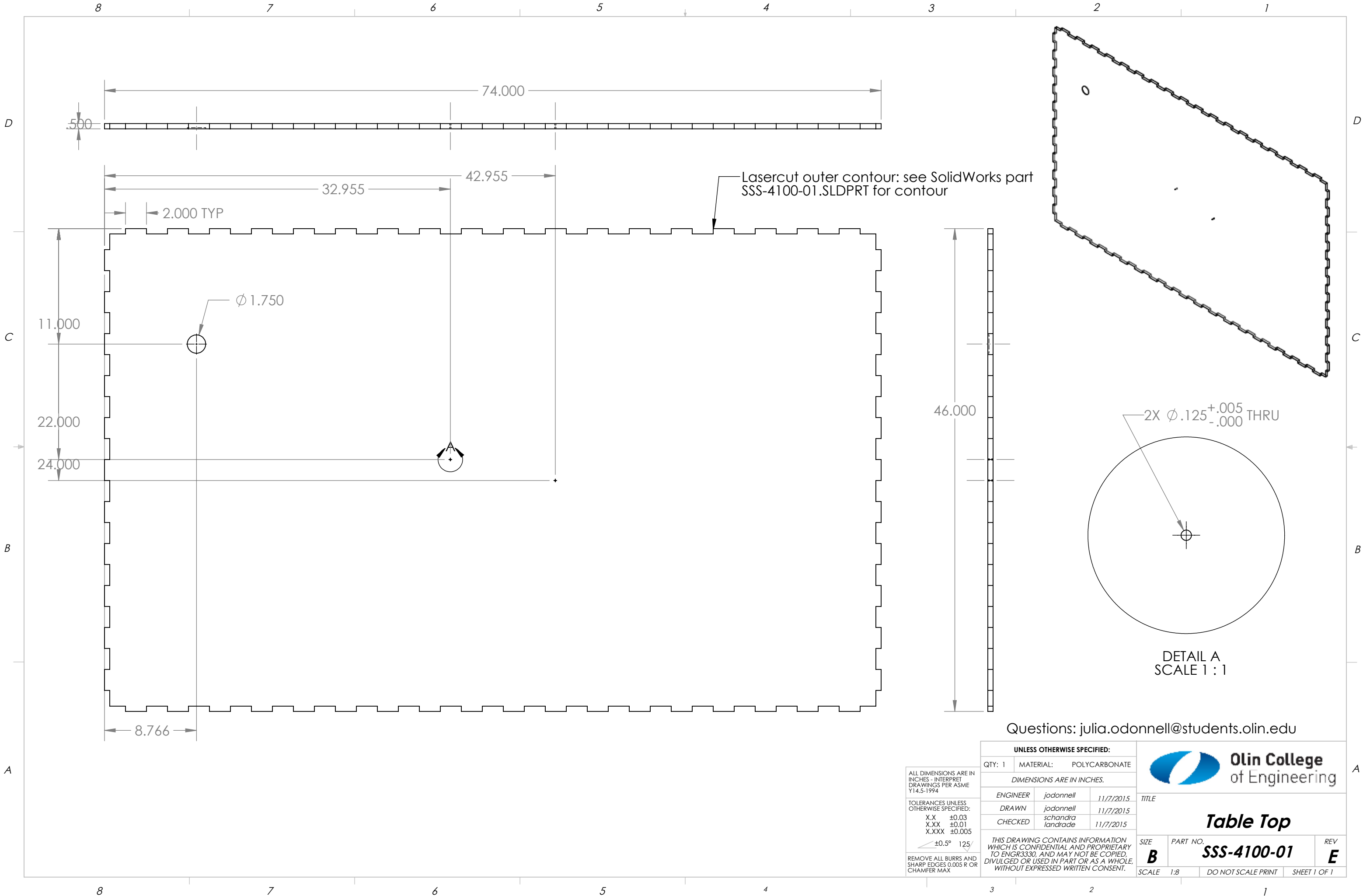
Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-4100-01	Table Top	1
2	SSS-4100-02	Table Short Side	2
3	SSS-4100-03	Table Long Side	2




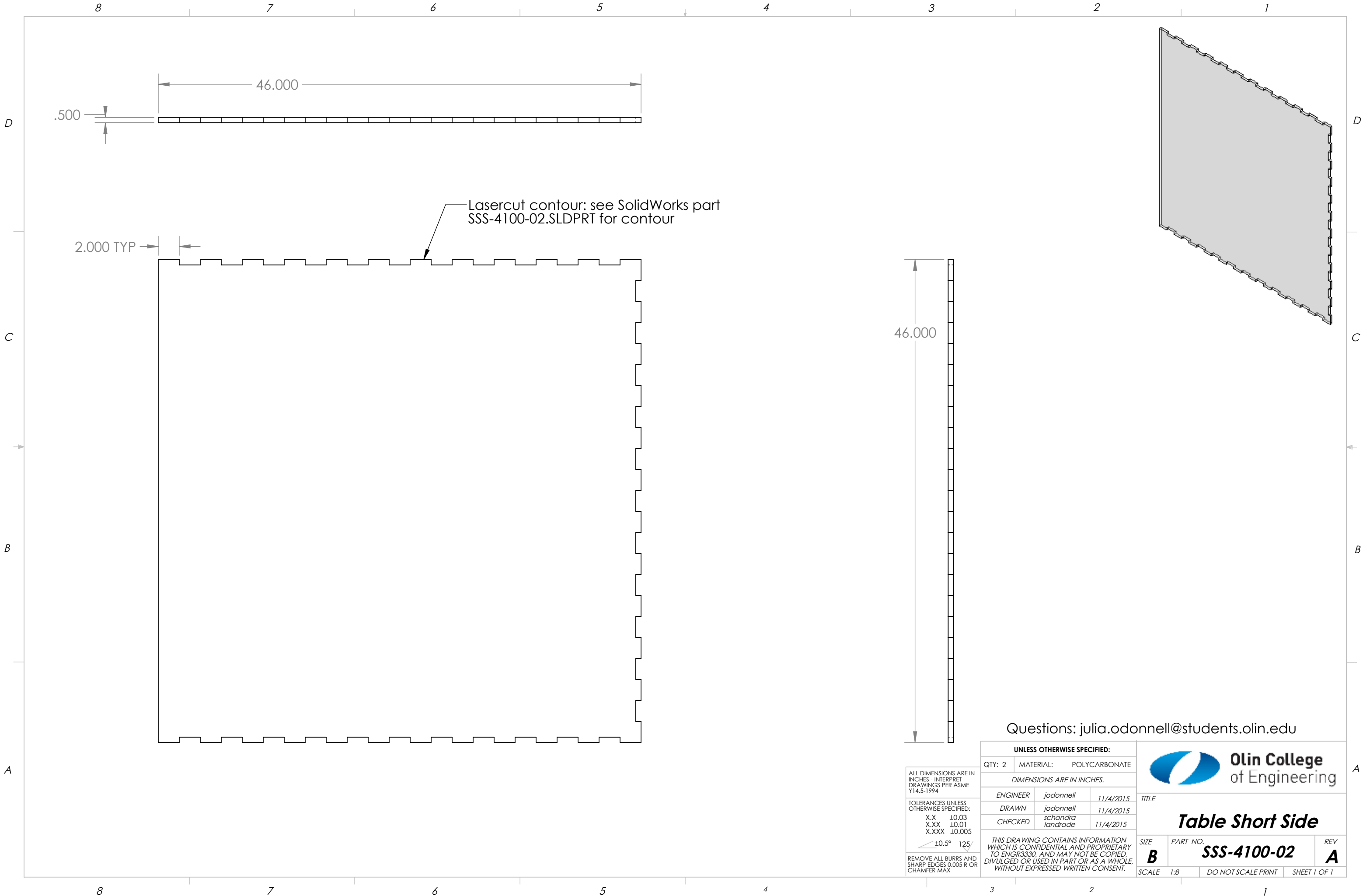
Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

<small>ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994</small> <small>TOLERANCES UNLESS OTHERWISE SPECIFIED:</small> X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125' <small>REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.</small>	<b>UNLESS OTHERWISE SPECIFIED:</b>			
	QTY: 1	MATERIAL:	POLYCARBONATE	
	<small>DIMENSIONS ARE IN INCHES.</small>			
	ENGINEER	jodonnell	11/8/2015	
<small>THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.</small>				<small>TITLE</small> <b>Table Outside Subasm</b>
<small>DRAWN</small> jodonnell 11/8/2015 <small>CHECKED</small> schandra landrade 11/8/2015				<small>SIZE</small> <b>B</b>
<small>REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.</small>				<small>PART NO.</small> <b>SSS-4100-00</b>
<small>SCALE</small> 1:16 <small>DO NOT SCALE PRINT</small> <small>SHEET 1 OF 1</small>				<small>REV</small> <b>E</b>



Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

<small>ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994</small> <small>TOLERANCES UNLESS OTHERWISE SPECIFIED:</small> X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125/	<b>UNLESS OTHERWISE SPECIFIED:</b>			 <b>Olin College of Engineering</b>
	QTY: 1	MATERIAL:	POLYCARBONATE	
	<i>DIMENSIONS ARE IN INCHES.</i>			
	ENGINEER	jodonnell	11/7/2015	
	DRAWN	jodonnell	11/7/2015	
	CHECKED	schandra landrade	11/7/2015	
<small>REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.</small>				<small>TITLE</small> <h3 style="text-align: center;">Table Top</h3>
<small>THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.</small>				<small>SIZE</small> <b>B</b> <small>PART NO.</small> <b>SSS-4100-01</b> <small>REV</small> <b>E</b>
<small>SCALE 1:8    DO NOT SCALE PRINT    SHEET 1 OF 1</small>				



.500

46.000

Laser-cut contour: see SolidWorks part SSS-4100-02.SLDPRT for contour

2.000 TYP

46.000

Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

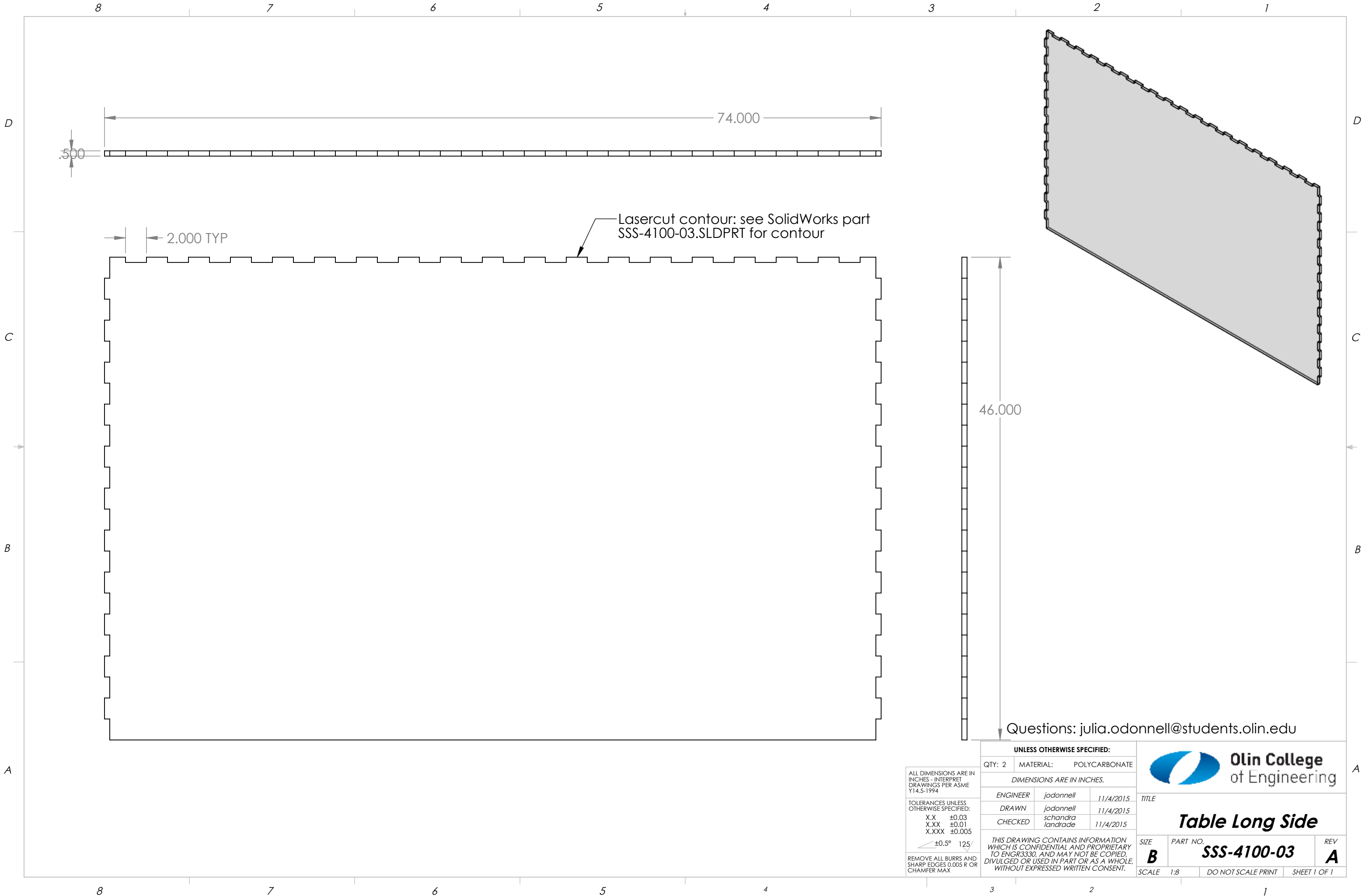
±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 2	MATERIAL:	POLYCARBONATE
DIMENSIONS ARE IN INCHES.		
ENGINEER	jodonnell	11/4/2015
DRAWN	jodonnell	11/4/2015
CHECKED	schandra landrade	11/4/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		



TITLE		
<b>Table Short Side</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-4100-02</b>	<b>A</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:8		



74.000

.500

2.000 TYP

Lasercut contour: see SolidWorks part SSS-4100-03.SLDPRT for contour

46.000

Questions: [julia.odonnell@students.olin.edu](mailto:julia.odonnell@students.olin.edu)

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

±0.5° 125/

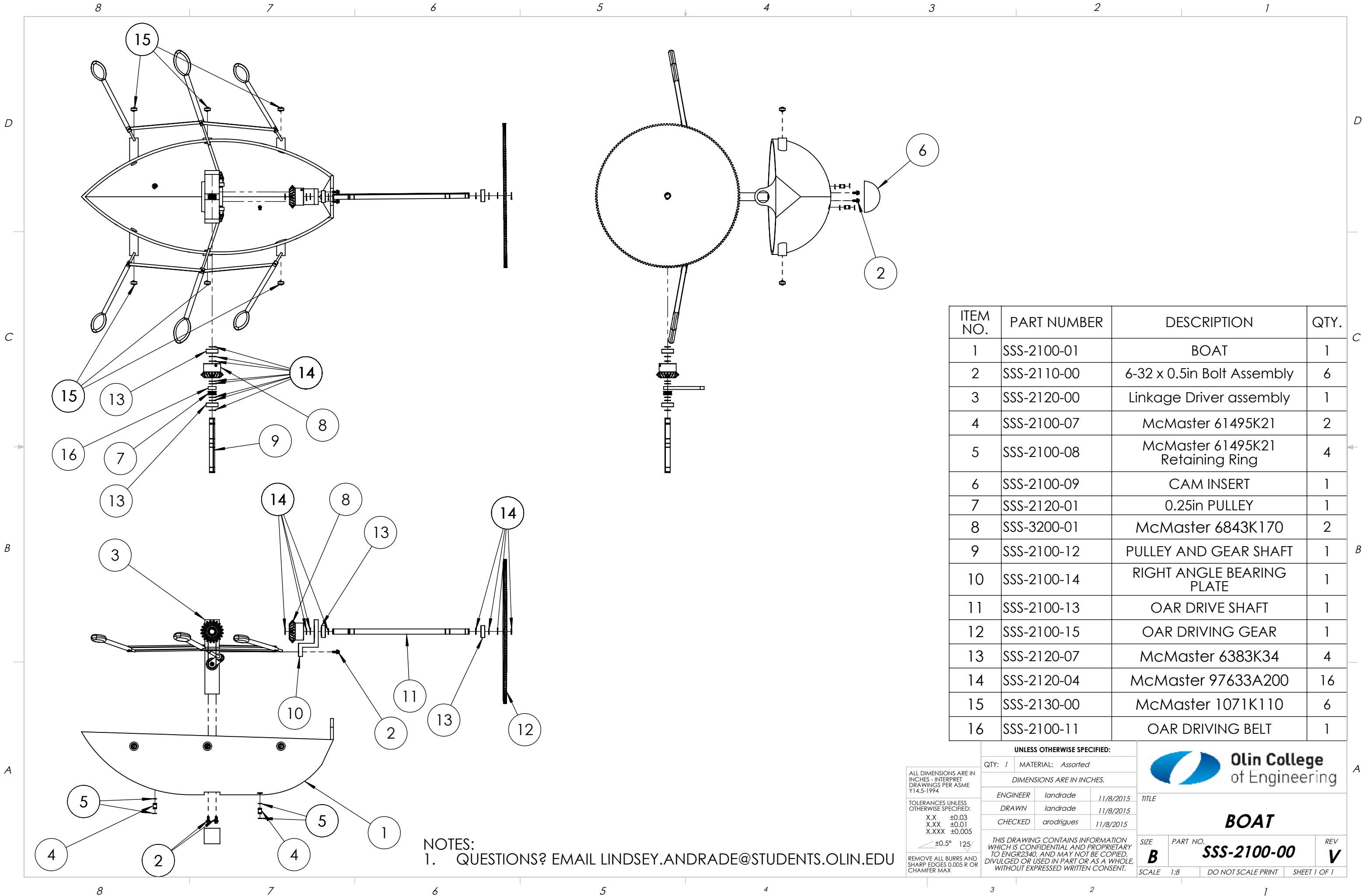
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 2	MATERIAL:	POLYCARBONATE
DIMENSIONS ARE IN INCHES.		
ENGINEER	jodonnell	11/4/2015
DRAWN	jodonnell	11/4/2015
CHECKED	schandra landrade	11/4/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR3330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		



TITLE		
<b>Table Long Side</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-4100-03</b>	<b>A</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:8		





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-2100-01	BOAT	1
2	SSS-2110-00	6-32 x 0.5in Bolt Assembly	6
3	SSS-2120-00	Linkage Driver assembly	1
4	SSS-2100-07	McMaster 61495K21	2
5	SSS-2100-08	McMaster 61495K21 Retaining Ring	4
6	SSS-2100-09	CAM INSERT	1
7	SSS-2120-01	0.25in PULLEY	1
8	SSS-3200-01	McMaster 6843K170	2
9	SSS-2100-12	PULLEY AND GEAR SHAFT	1
10	SSS-2100-14	RIGHT ANGLE BEARING PLATE	1
11	SSS-2100-13	OAR DRIVE SHAFT	1
12	SSS-2100-15	OAR DRIVING GEAR	1
13	SSS-2120-07	McMaster 6383K34	4
14	SSS-2120-04	McMaster 97633A200	16
15	SSS-2130-00	McMaster 1071K110	6
16	SSS-2100-11	OAR DRIVING BELT	1

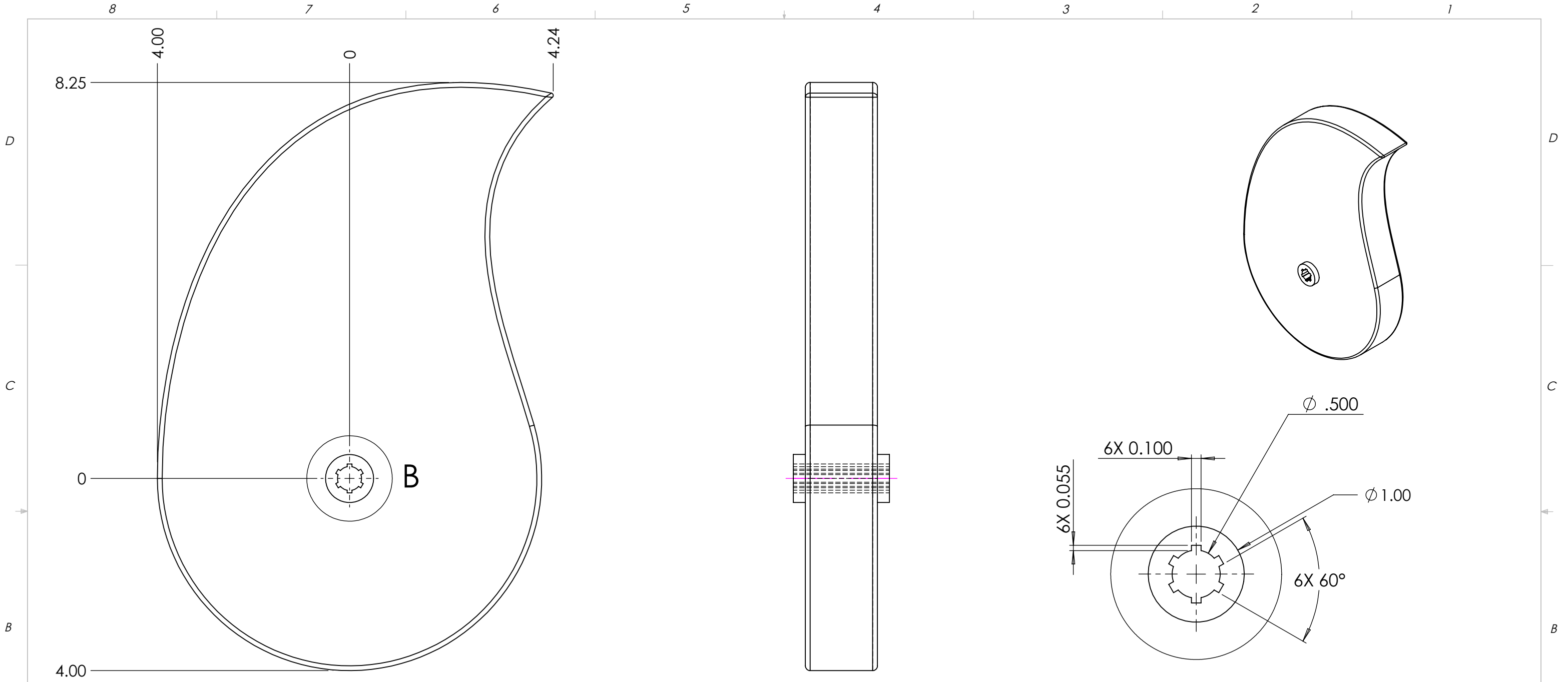
NOTES:  
 1. QUESTIONS? EMAIL LINDSEY.ANDRADE@STUDENTS.OLIN.EDU

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ±0.5° 125°  
 REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX

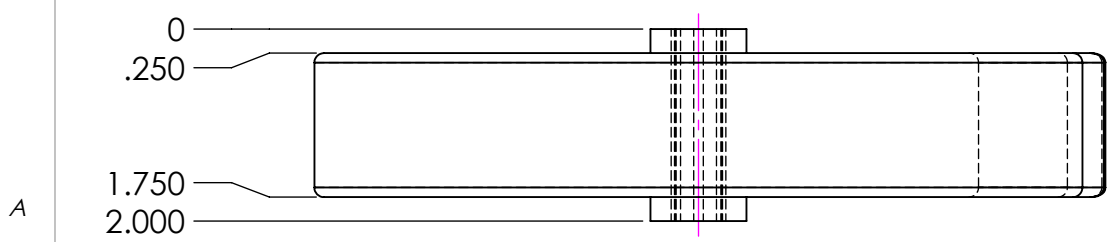
UNLESS OTHERWISE SPECIFIED:  
 QTY: 1 MATERIAL: Assorted  
 DIMENSIONS ARE IN INCHES.  
 ENGINEER landrade 11/8/2015  
 DRAWN landrade 11/8/2015  
 CHECKED arodrigues 11/8/2015



TITLE  
**BOAT**  
 SIZE **B** PART NO. **SSS-2100-00** REV **V**  
 SCALE 1:8 DO NOT SCALE PRINT SHEET 1 OF 1

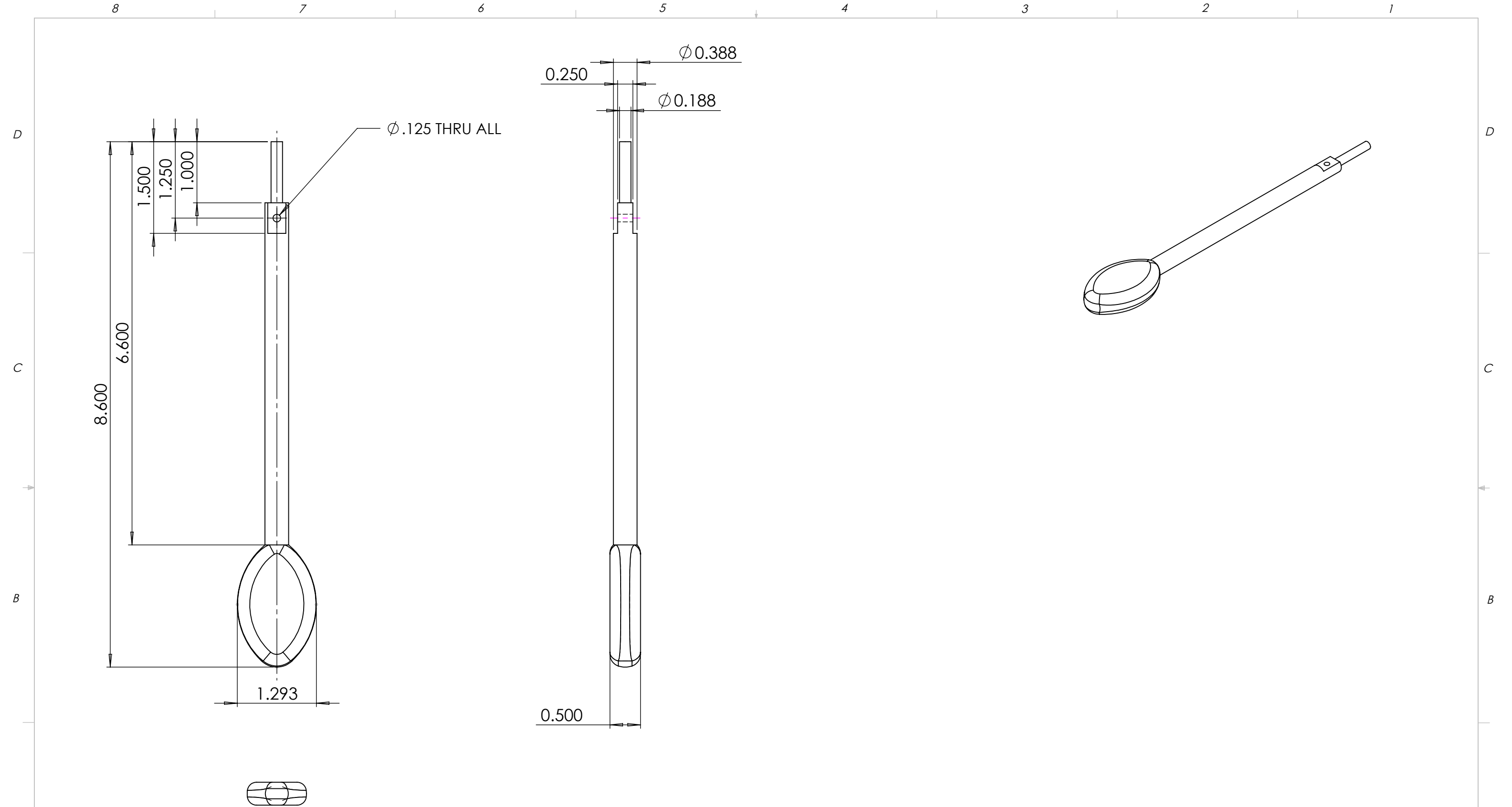


**DETAIL B**  
SCALE 1 : 1



- NOTES:**
1. SEE SSS-1110-01.SLDPRT FOR PROFILE
  2. PART SHOULD BE 3D PRINTED
  3. QUESTIONS? EMAIL LINDSEY.ANDRADE@STUDENTS.OLIN.EDU

UNLESS OTHERWISE SPECIFIED:		QTY: 43		MATERIAL: ABS	
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994					
DIMENSIONS ARE IN INCHES.					
ENGINEER	tsaylor	11/8/2015	TITLE		
DRAWN	landrade	11/8/2015	Cam		
CHECKED	arodrigues	11/8/2015	SIZE	PART NO.	REV
TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005			<b>B</b>	<b>SSS-1110-01</b>	<b>C</b>
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.			SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
±0.5° 125/			1:2		
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.					



- NOTES:
1. SEE SSS-2100-03.SLDPRT FOR OAR SHAPE AND DIMENSIONS
  2. PART SHOULD BE 3D PRINTED
  3. QUESTIONS? EMAIL LINDSEY.ANDRADE@STUDENTS.OLIN.EDU


ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

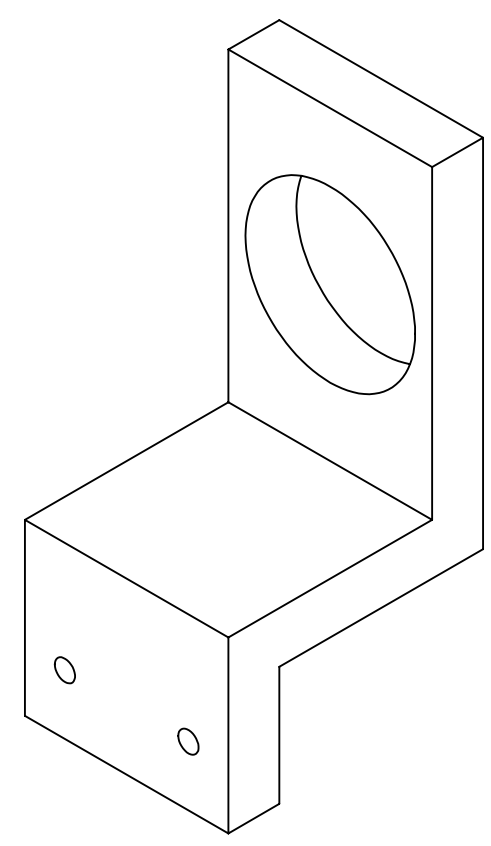
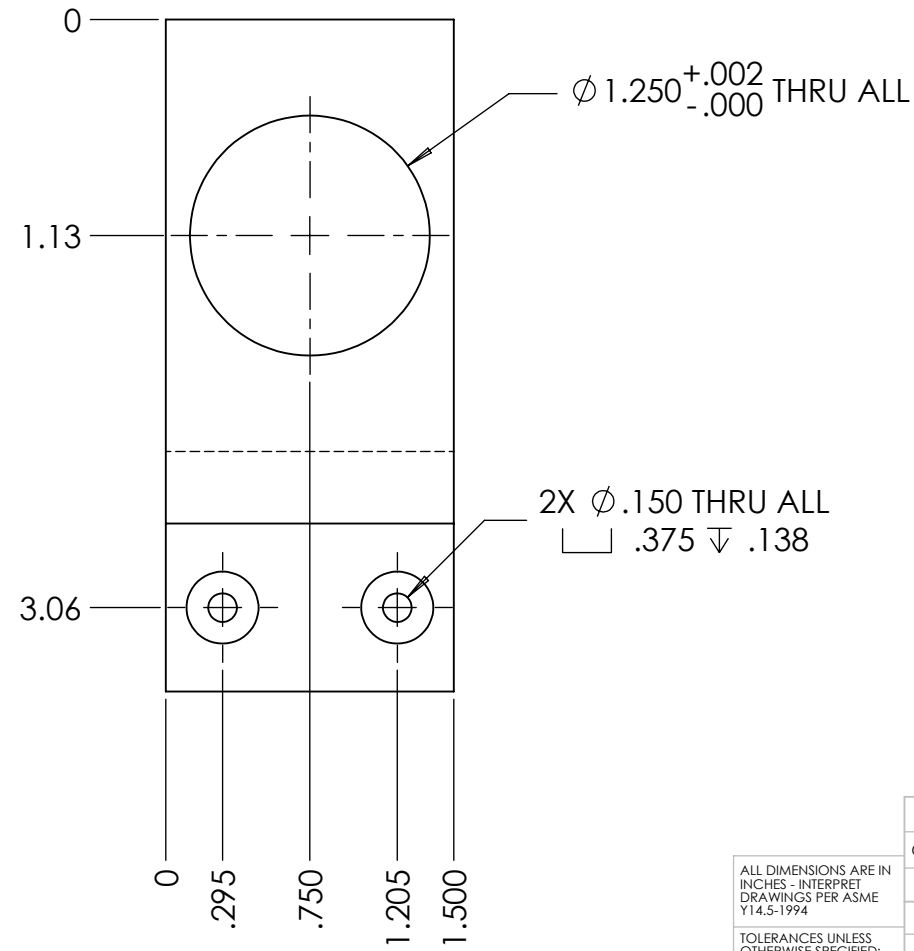
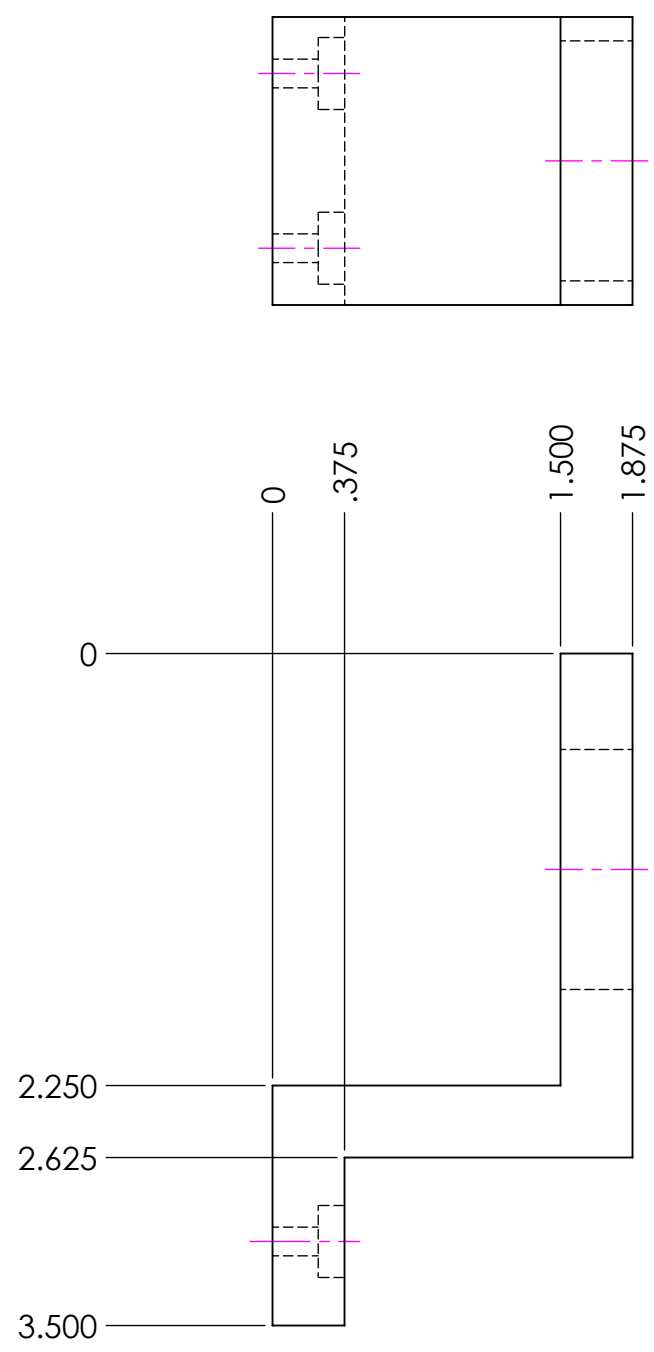
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

±0.5° 125°

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 4	MATERIAL:	ABS
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	landrade	11/7/2015
CHECKED	arodrigues	11/7/2015

		
TITLE		
<b>FOLLOWING OAR</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2100-03</b>	<b>B</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
2:1		



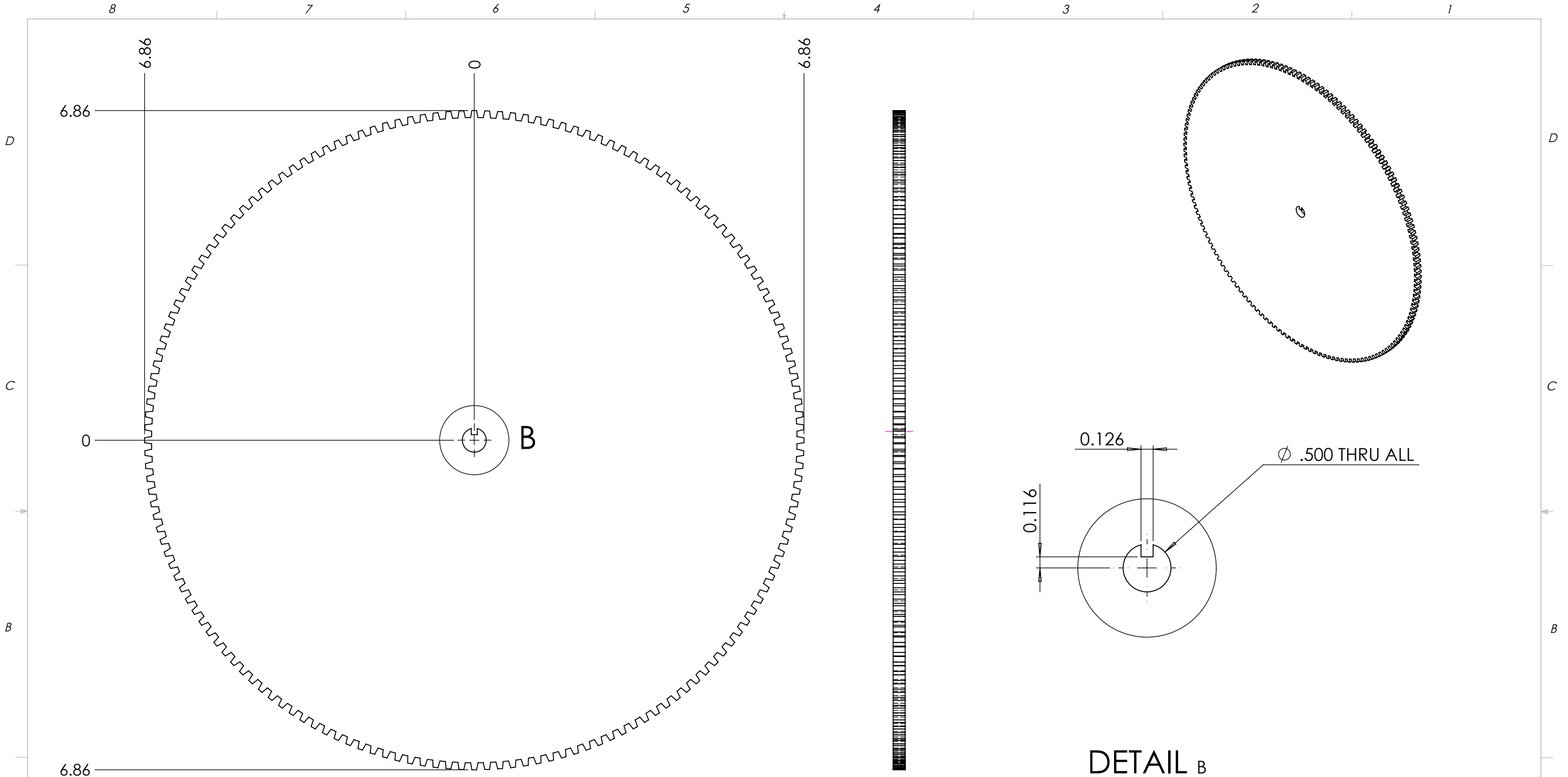
NOTES:  
 1. QUESTIONS? LINDSEY.ANDRADE@STUDENTS.OLIN.EDU

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ∠±0.5° 125/

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: 6061 ALUMINUM	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	landrade	11/7/2015
CHECKED	rodrigues	11/7/2015

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<b>TITLE</b> <b>RIGHT ANGLE BEARING PLATE</b>		
<b>SIZE</b> <b>B</b>	<b>PART NO.</b> <b>SSS-2100-14</b>	<b>REV</b> <b>C</b>
<b>SCALE</b> 1:1	DO NOT SCALE PRINT	SHEET 1 OF 1



- NOTES:
- SEE SSS-2100-15.SLDPRТ FOR GEAR PROFILE
  - QUESTIONS? LINDSEY.ANDRADЕ@STUDENTS.OLIN.EDU

**DETAIL B**  
SCALE 1 : 1


ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

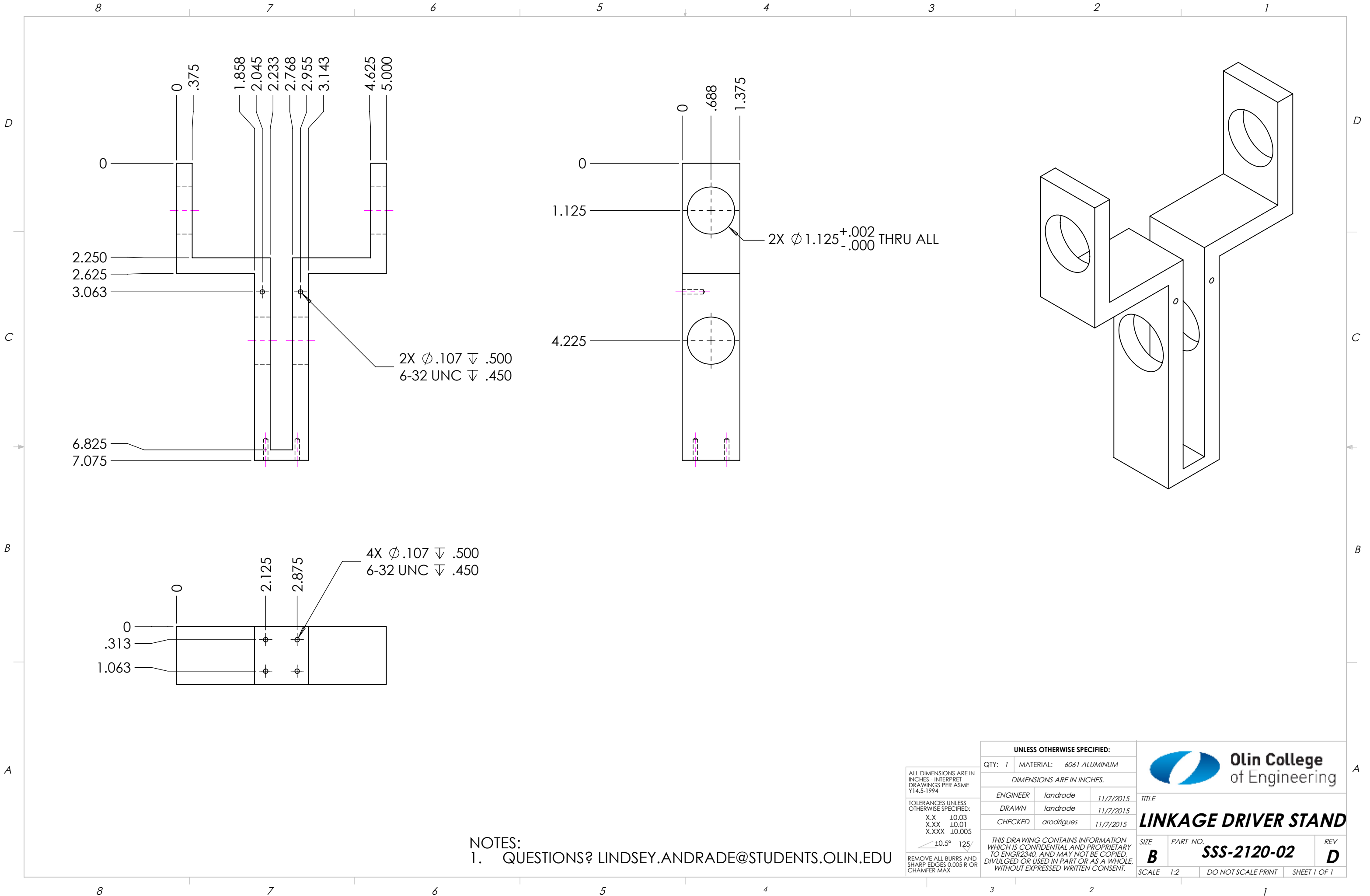
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: NYLON	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	landrade	11/7/2015
CHECKED	arodrigues	11/7/2015


		
<b>OAR DRIVING GEAR</b>		
SIZE <b>B</b>	PART NO. <b>SSS-2100-15</b>	REV <b>B</b>
SCALE 1:2	DO NOT SCALE PRINT	SHEET 1 OF 1



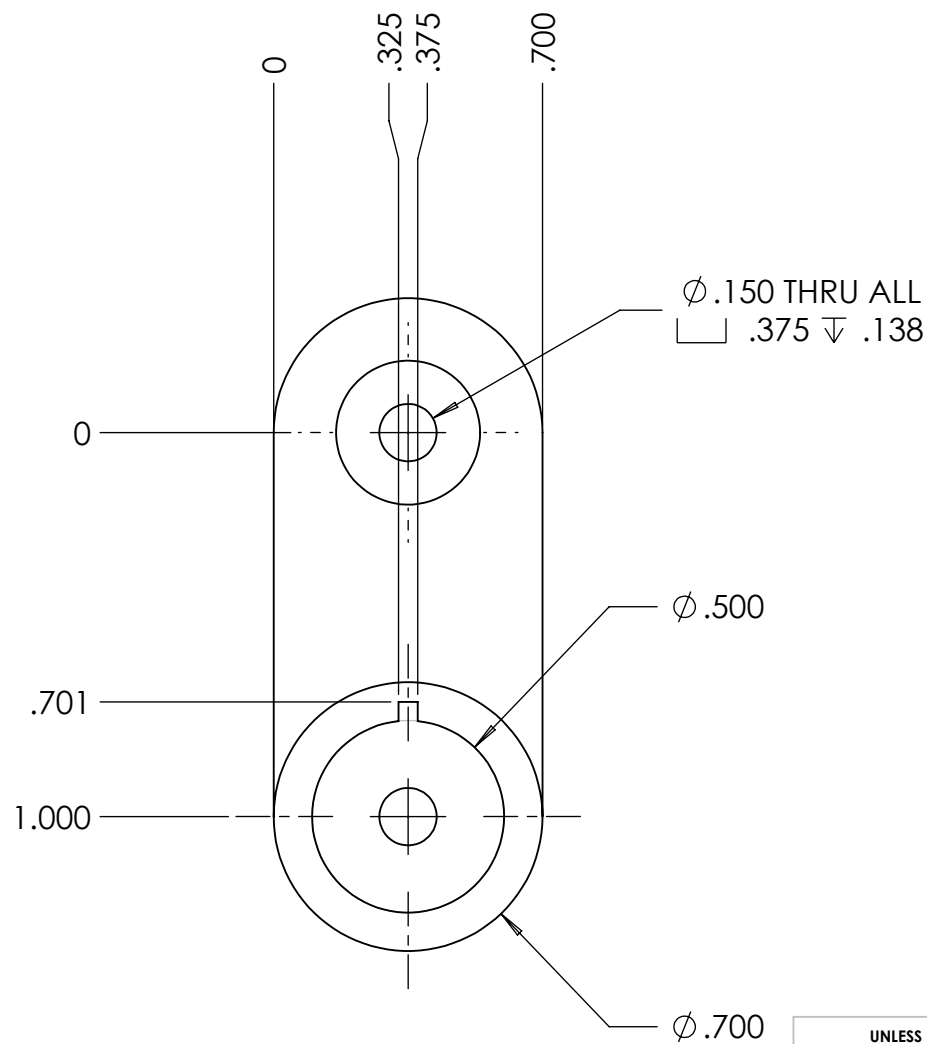
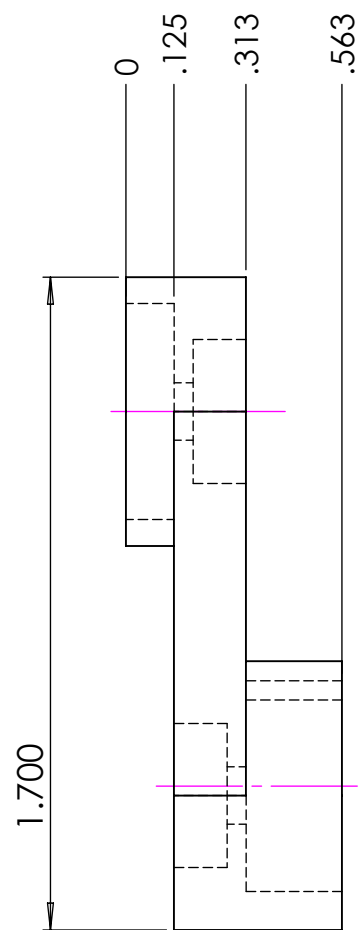
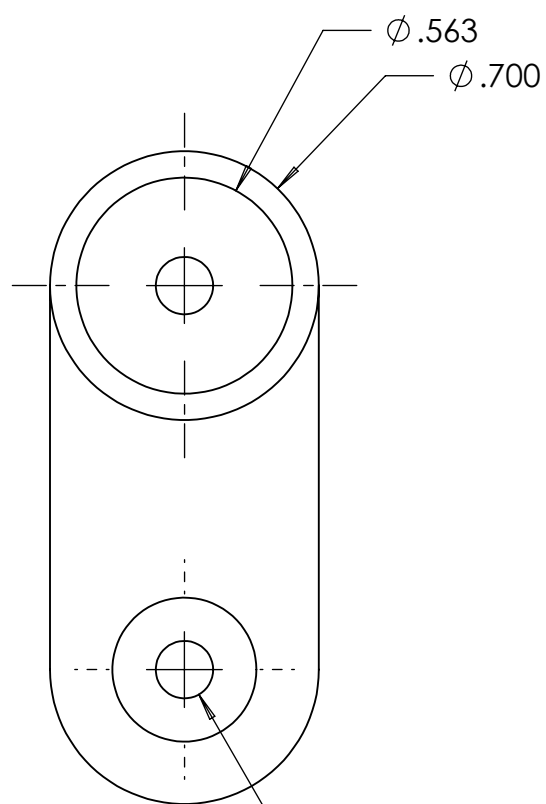
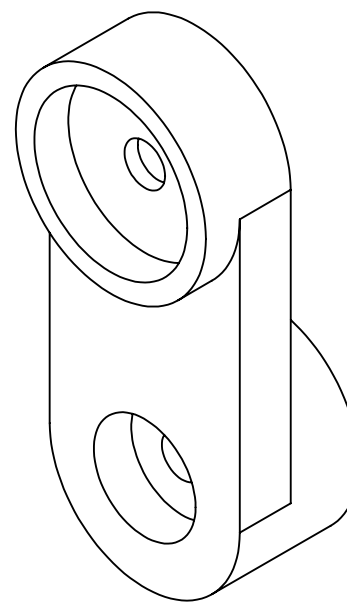
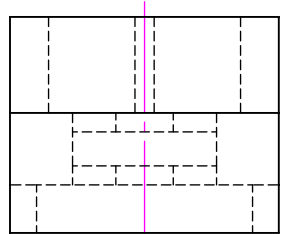
NOTES:  
 1. QUESTIONS? LINDSEY.ANDRAD@STUDENTS.OLIN.EDU

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ±0.5° 125/

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: 6061 ALUMINUM	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	landrade	11/7/2015
CHECKED	arodrigues	11/7/2015

		
TITLE		
<b>LINKAGE DRIVER STAND</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2120-02</b>	<b>D</b>
SCALE 1:2	DO NOT SCALE PRINT	SHEET 1 OF 1

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$\phi .150$  THRU ALL  
 $\square .375 \nabla .138$

$\phi .150$  THRU ALL  
 $\square .375 \nabla .138$

$\phi .500$

$\phi .700$

NOTES:  
 1. QUESTIONS? LINDSEY.ANDRAD@STUDENTS.OLIN.EDU

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ±0.5° 125/  
 REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: 6061 ALUMINUM	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	landrade	11/7/2015
CHECKED	arodrigues	11/7/2015



TITLE  
**LINKAGE DRIVING ARM**

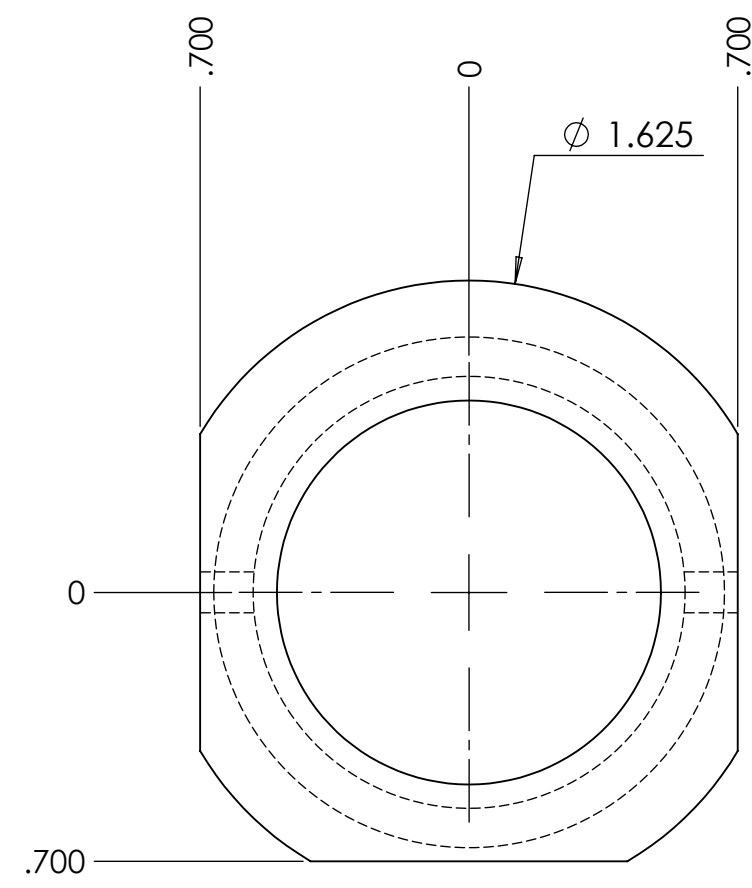
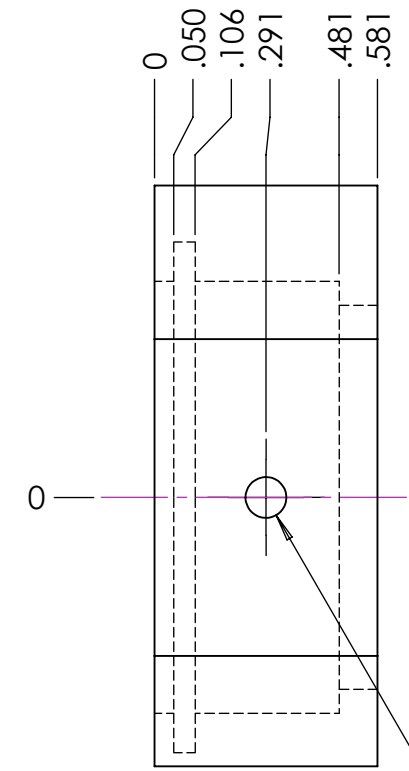
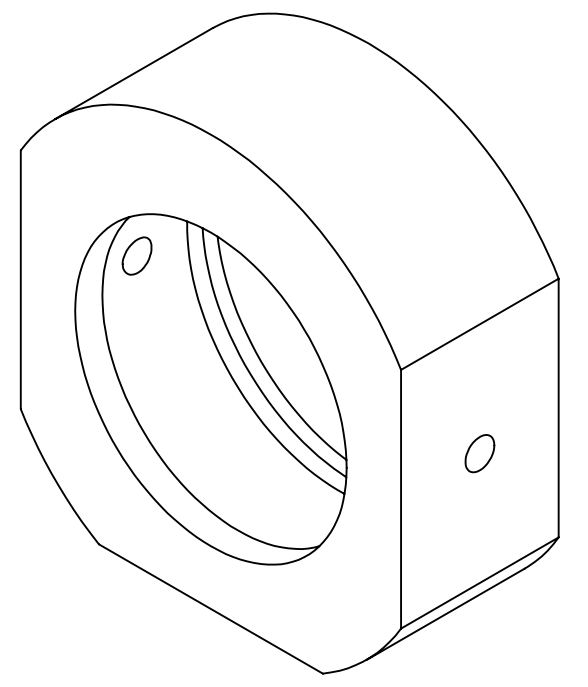
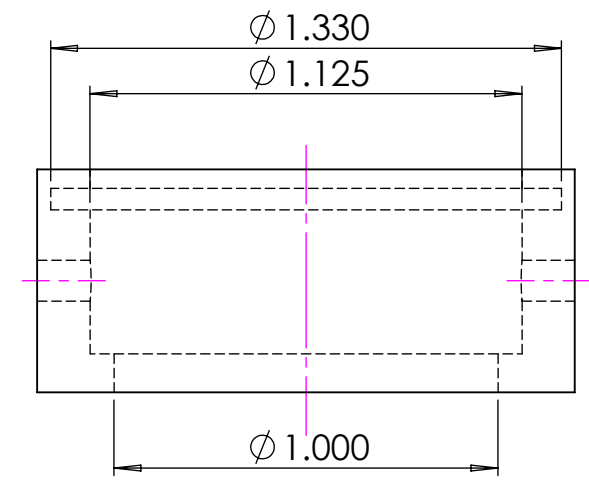
SIZE <b>B</b>	PART NO. <b>SSS-2120-06</b>	REV <b>A</b>
SCALE 2:1	DO NOT SCALE PRINT	SHEET 1 OF 1



8 7 6 5 4 3 2 1

D  
C  
B  
A

D  
C  
B  
A



$\phi .107$  THRU ALL  
6-32 UNC THRU ALL

NOTES:  
1. QUESTIONS? LINDSEY.ANDRADE@STUDENTS.OLIN.EDU

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
X.X ±0.03  
X.XX ±0.01  
X.XXX ±0.005  
±0.5° 125/

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: 6061 ALUMINUM	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/7/2015
DRAWN	landrade	11/7/2015
CHECKED	arodrigues	11/7/2015

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**Olin College of Engineering**

TITLE: **HORIZONTAL BEARING HOUSING**

SIZE <b>B</b>	PART NO. <b>SSS-3200-05</b>	REV <b>B</b>
SCALE 2:1	DO NOT SCALE PRINT	SHEET 1 OF 1

8 7 6 5 4 3 2 1

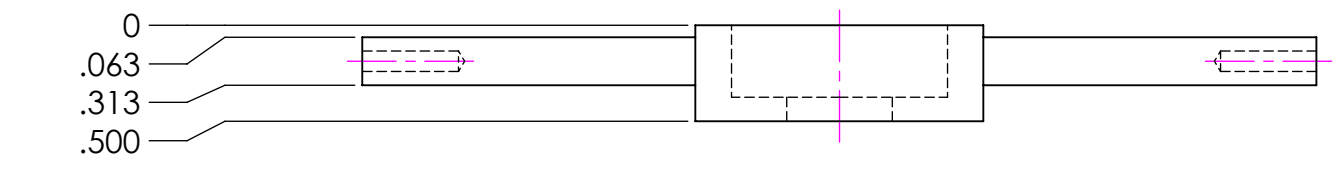
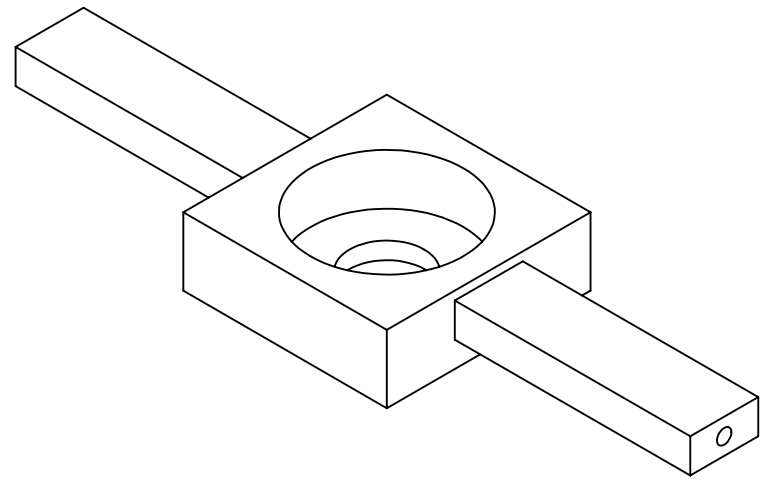
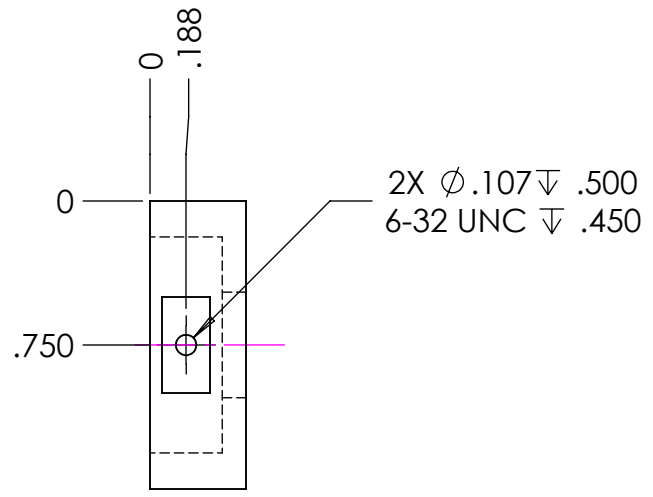
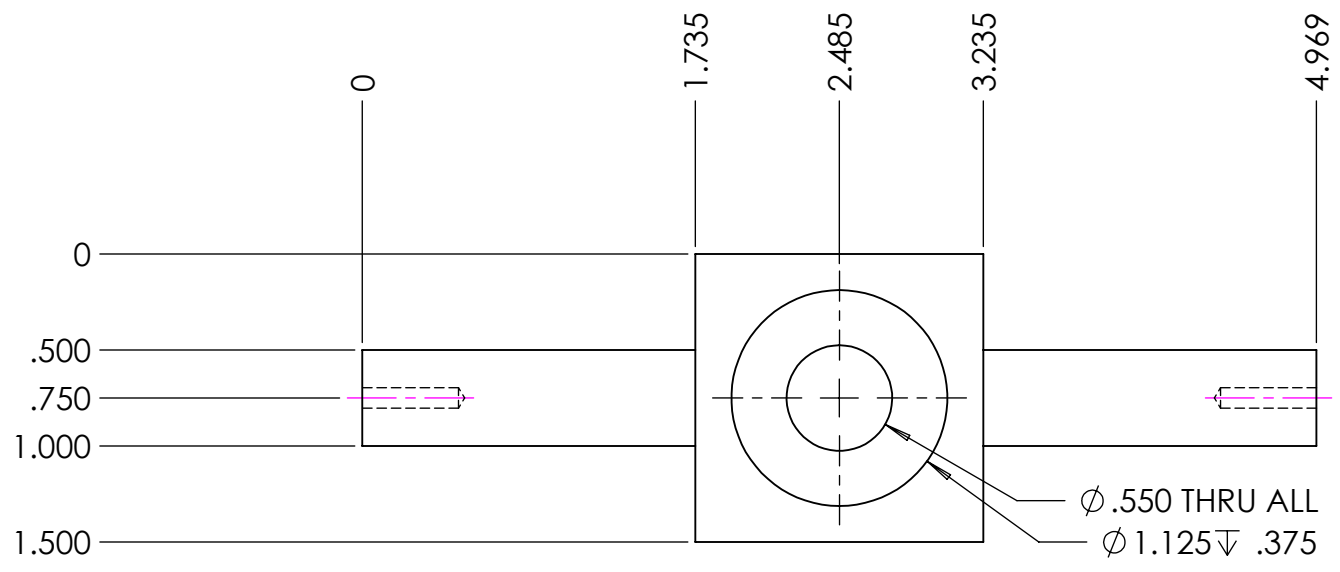
8 7 6 5 4 3 2 1

D

C

B

A



NOTES:  
1. QUESTIONS? LINDSEY.ANDRADE@STUDENTS.OLIN.EDU


ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
X.X ±0.03  
X.XX ±0.01  
X.XXX ±0.005

$\nabla \pm 0.5^\circ$  125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

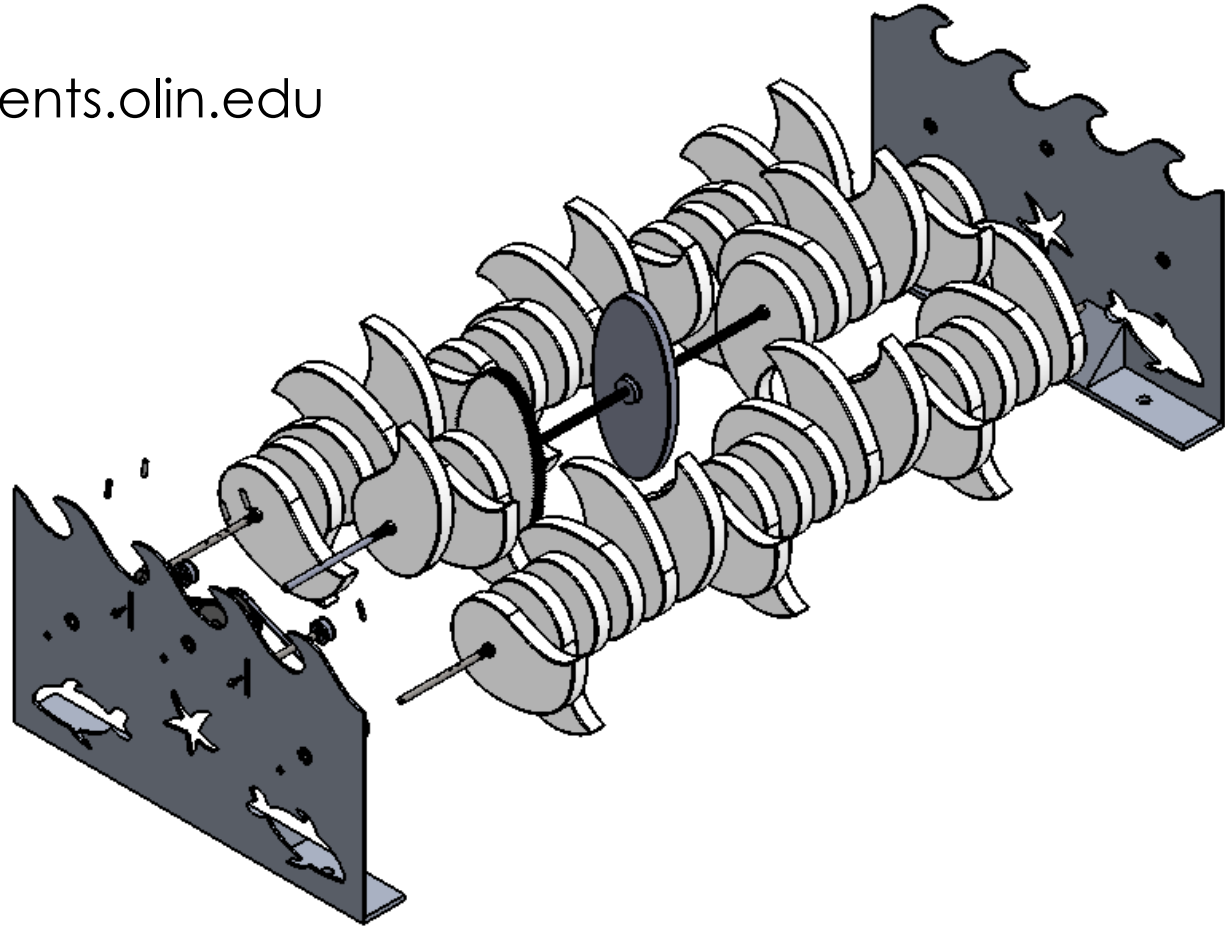
UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: 6061 ALUMINUM	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/5/2015
DRAWN	landrade	11/5/2015
CHECKED	arodrigues	11/5/2015
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<b>TITLE</b> <b>VERTICAL BEARING HOUSING</b>		
<b>SIZE</b> <b>B</b>	<b>PART NO.</b> <b>SSS-3200-08</b>	<b>REV</b> <b>A</b>
SCALE 1:1	DO NOT SCALE PRINT	SHEET 1 OF 1

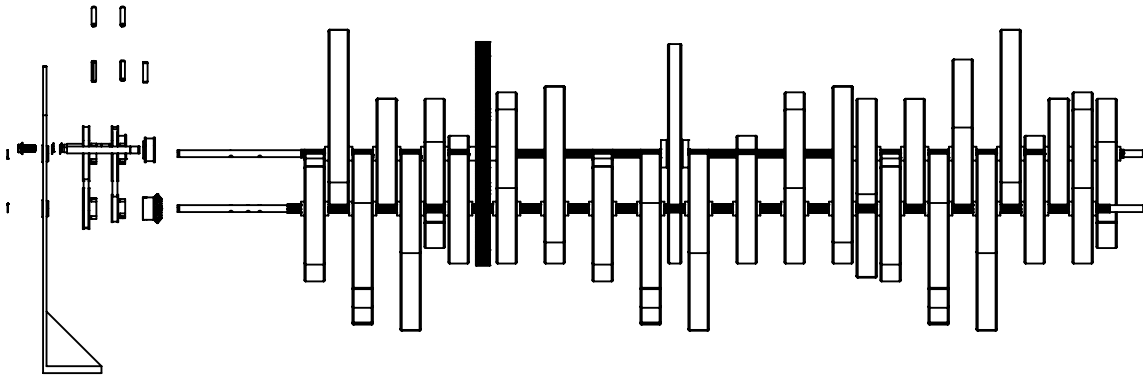
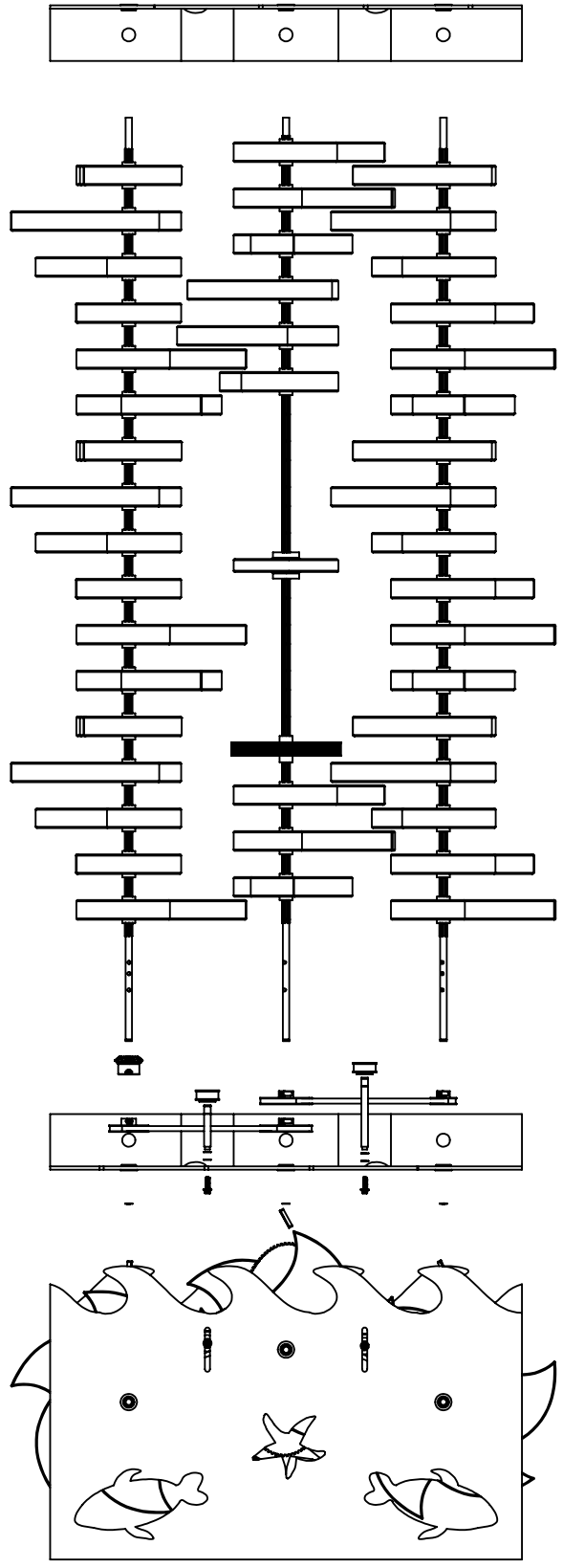
8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

**Questions:**  
 Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)



D  
C  
B  
A



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ±0.5° 125/

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL:	
DIMENSIONS ARE IN INCHES.		
ENGINEER	T. Saylor L. Andrade S. Chandra J. O'Donnell A. Rodriques	11/8/2015
DRAWN	A. Rodriques	11/8/2015
CHECKED	T. Saylor	11/8/2015

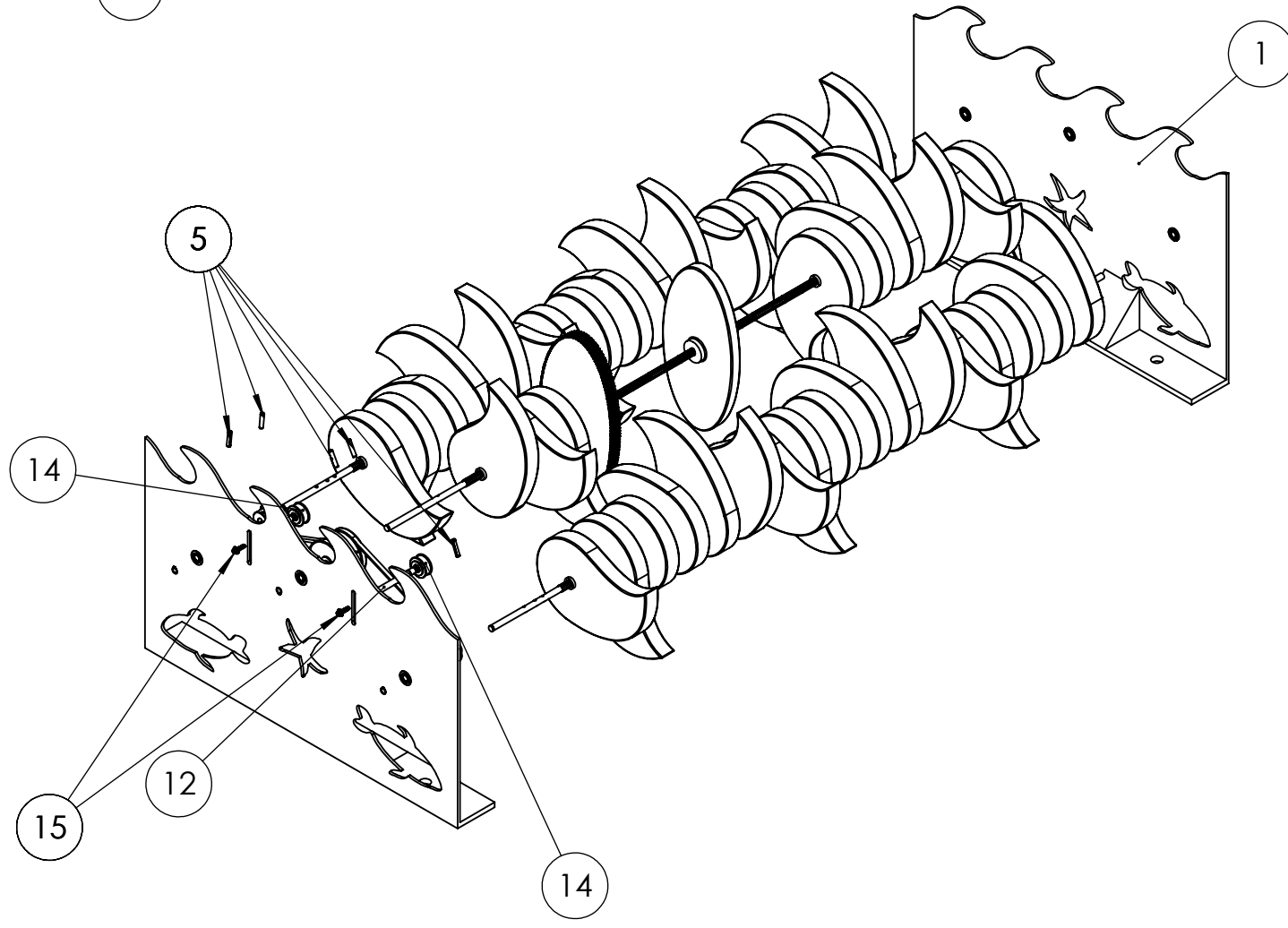
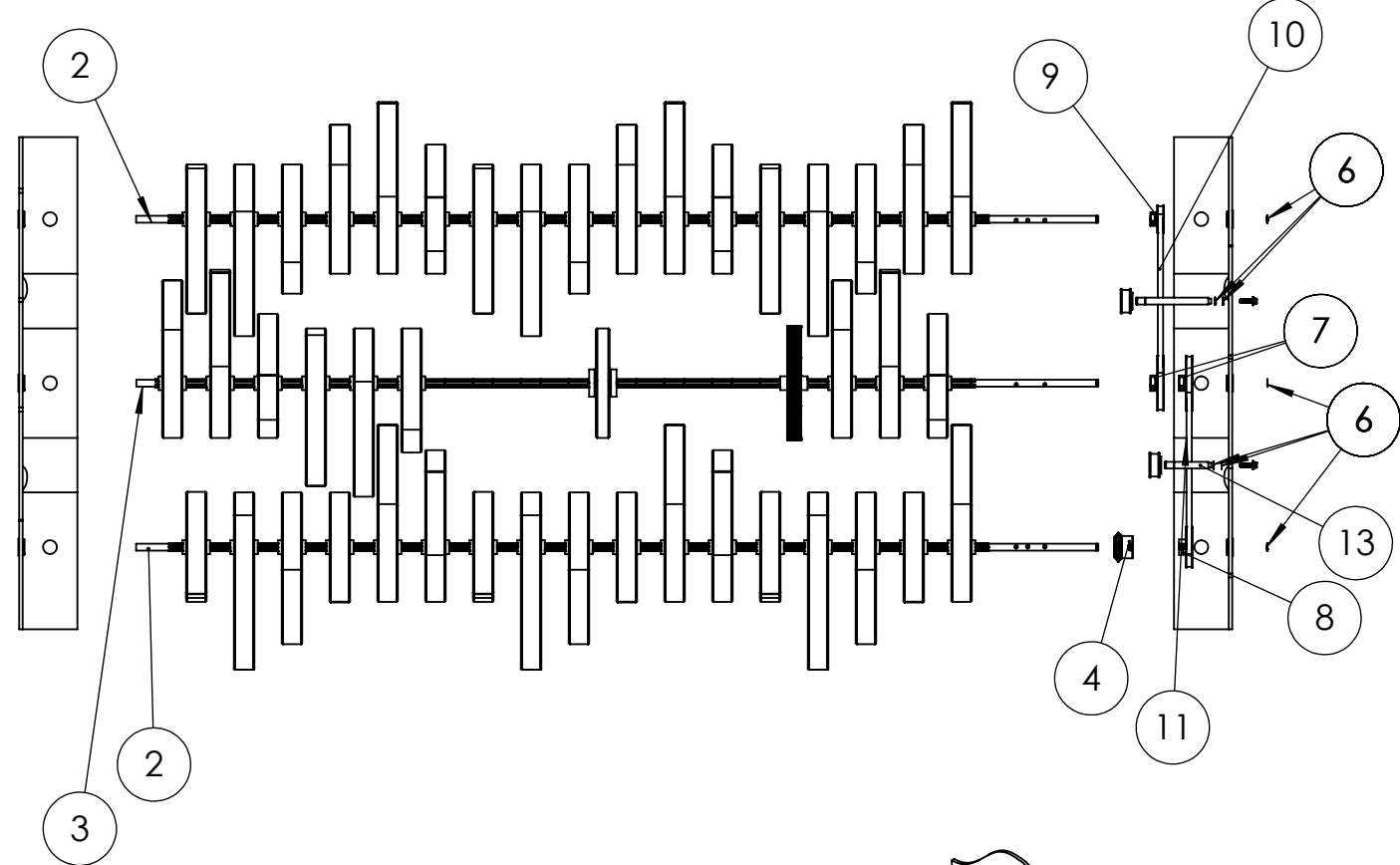
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.



TITLE  
**Clockcage Assembly**

SIZE <b>B</b>	PART NO. <b>SSS-1000-00</b>	REV <b>A</b>
SCALE 1:14	DO NOT SCALE PRINT	SHEET 1 OF 1

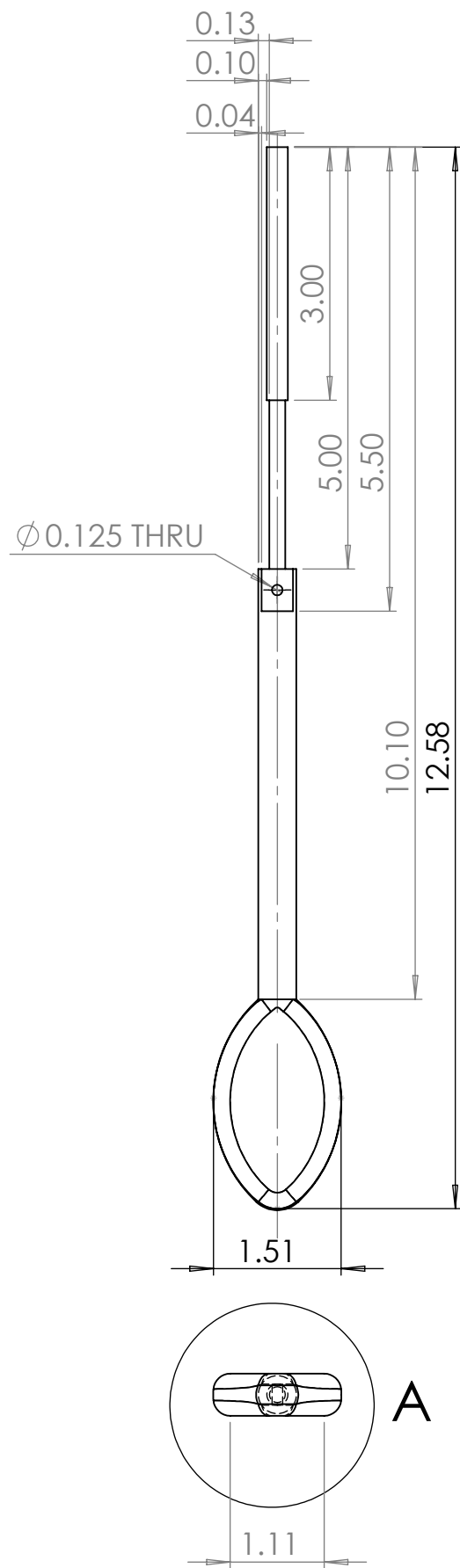
8 7 6 5 4 3 2 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-1300-00	Clock Cage Plate Assembly	1
2	SSS-1100-00	Cam Shaft Left and Right Assembly	2
3	SSS-1200-00	Cam Shaft Center Assembly	1
4	SSS-1000-01	Mitered Gear 6843K170	1
5	SSS-1000-03	Spring Pin 92373A463	5
6	SSS-1000-05	Retaining Ring 91590A122	7
7	SSS-1000-02	Large Pulley 6245K118	2
8	SSS-1000-04	Medium Pulley 6245K116	1
9	SSS-1000-07	Small Pulley 6245K114	1
10	SSS-1000-06	Center Right Belt	1
11	SSS-1000-08	Center Left Belt	1
12	SSS-1000-09	Tensioner Shaft - Long	1
13	SSS-1000-10	Tensioner Shaft - Short	1
14	SSS-1000-11	Idler	2
15	SSS-3310-00	1/4-20 Screw Assembly	2

**Questions:**  
 Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)

UNLESS OTHERWISE SPECIFIED:					
QTY: 1	MATERIAL:				
DIMENSIONS ARE IN INCHES.			<b>Clockcage Assembly</b>		
ENGINEER	T. Saylor L. Andrade S. Chandra J. O'Donnell A. Rodrigues	11/8/2015			
DRAWN	A. Rodrigues	11/8/2015			
CHECKED	T. Saylor	11/8/2015	TITLE <b>Clockcage Assembly</b>		
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994 TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125/			SIZE <b>B</b>	PART NO. <b>SSS-1000-00</b>	REV <b>A</b>
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.			SCALE 1:14	DO NOT SCALE PRINT	SHEET 1 OF 1

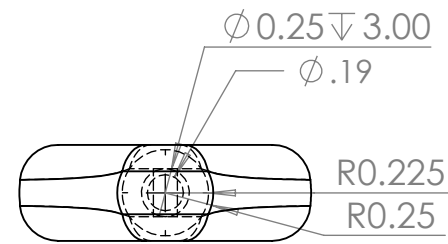
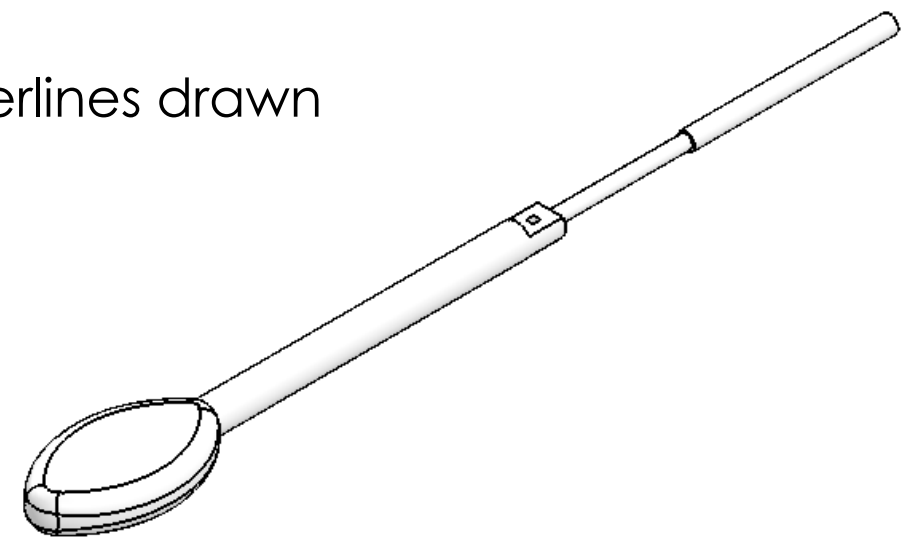


**Notes:**

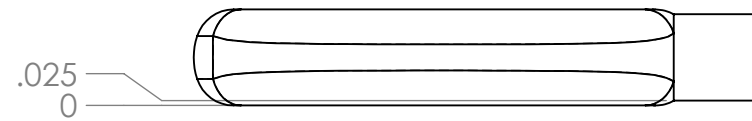
- Measurements are symmetrical about centerlines drawn
- Look at SSS-2100-02.sldprt for oar curves

**Questions:**

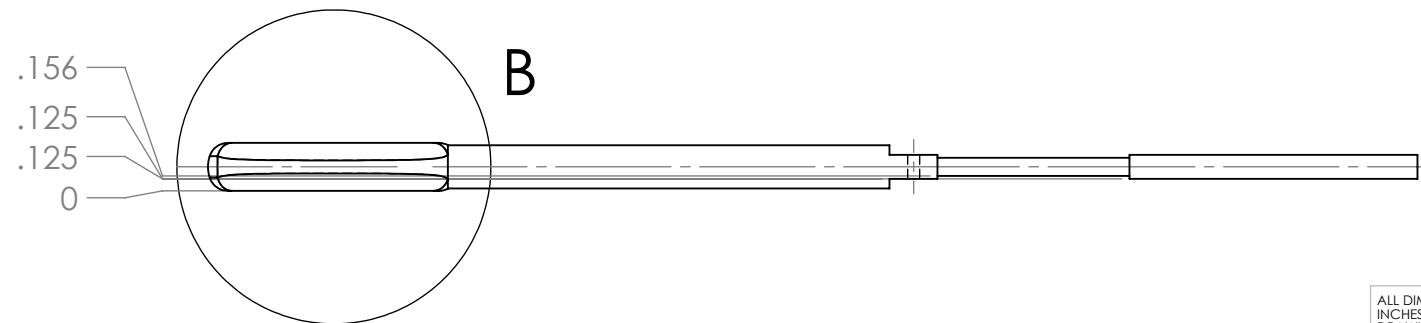
Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)



**DETAIL A**  
SCALE 1 : 1



**DETAIL B**  
SCALE 1 : 1



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
X.X ±0.03  
X.XX ±0.01  
X.XXX ±0.005  
±0.5° 125/

UNLESS OTHERWISE SPECIFIED:		
QTY: 2	MATERIAL: ABS	
DIMENSIONS ARE IN INCHES.		
ENGINEER	L. Andrade	11/7/2015
DRAWN	A. Rodrigues	11/7/2015
CHECKED	T. Saylor	11/8/2015

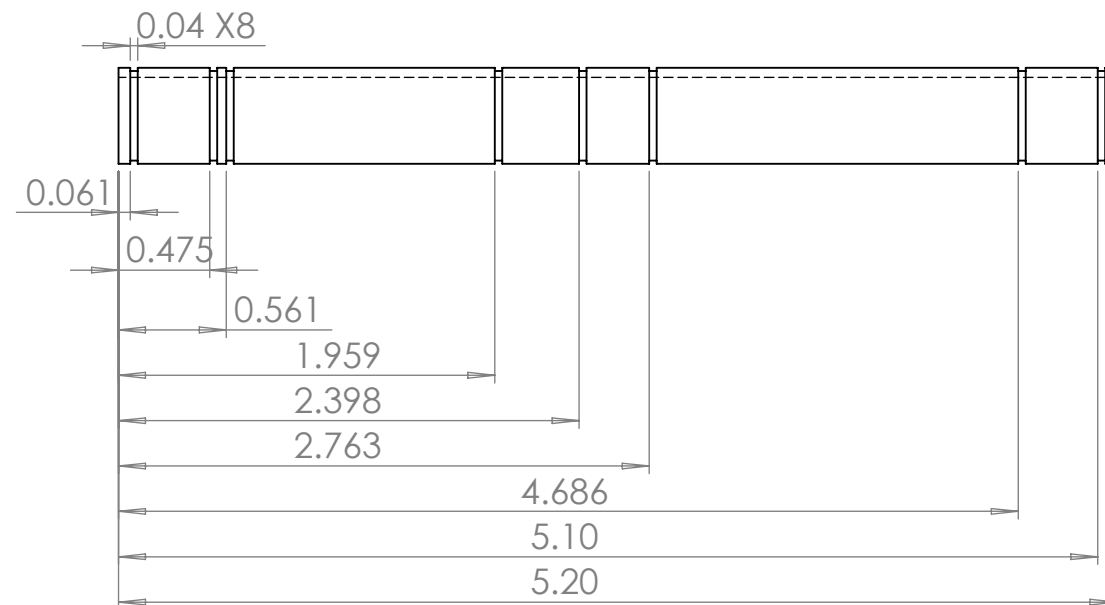
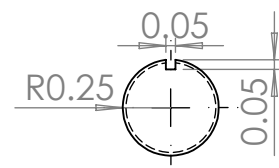
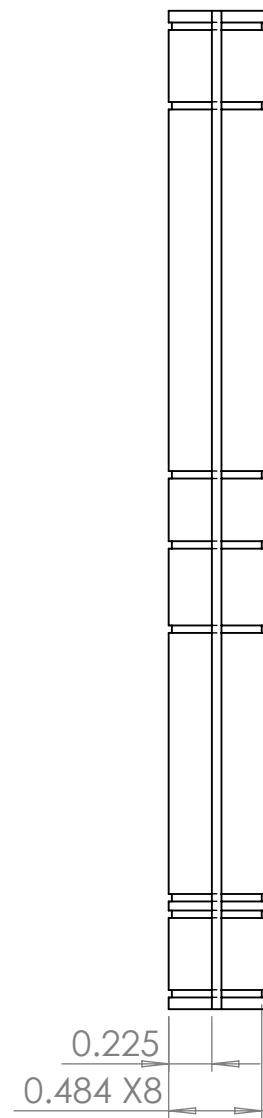
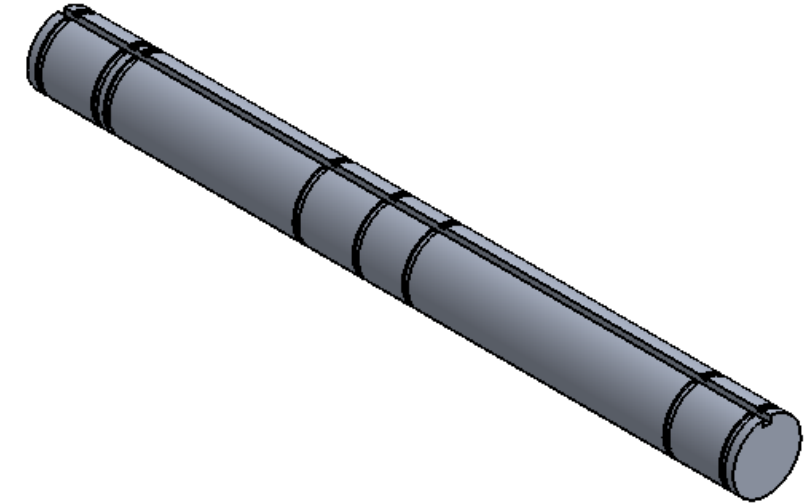


TITLE		
<b>Driving Oar</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2100-02</b>	<b>A</b>
SCALE 1:2	DO NOT SCALE PRINT	SHEET 1 OF 1

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**Questions:**

Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
X.X ±0.03  
X.XX ±0.01  
X.XXX ±0.005

±0.5° 125/  
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

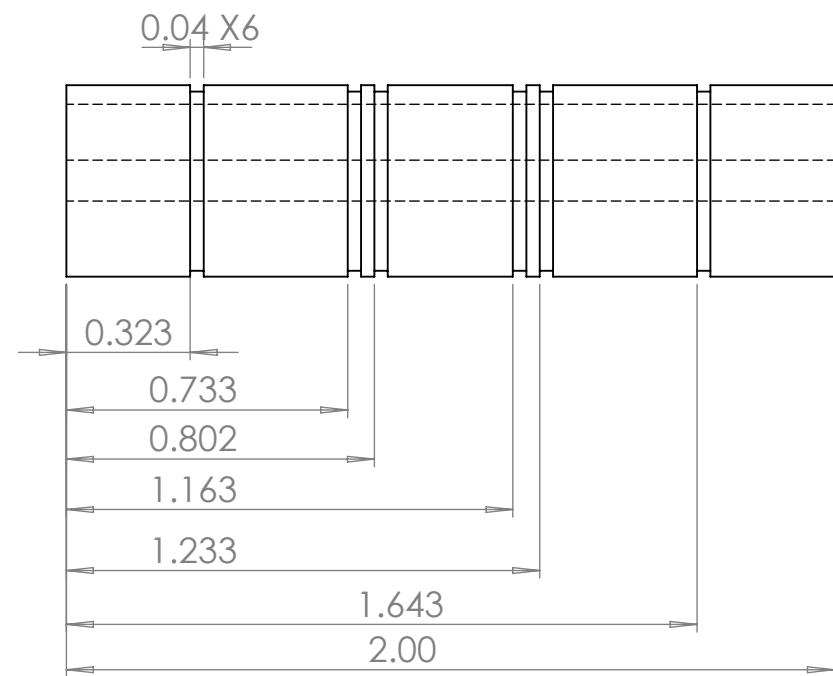
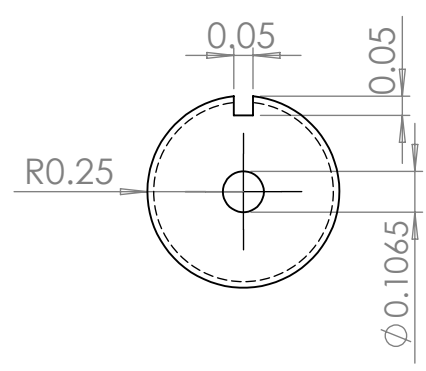
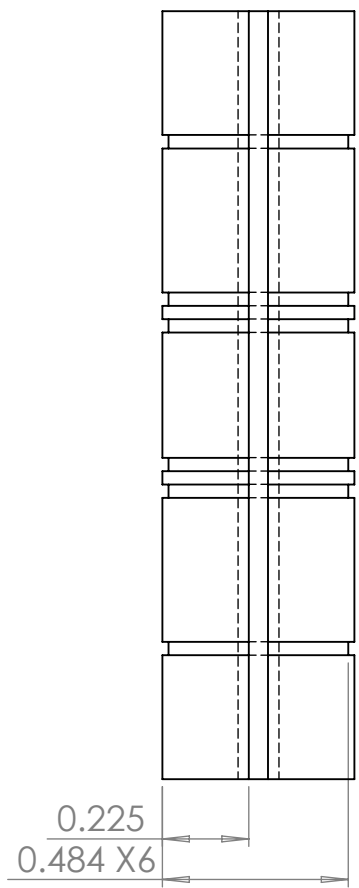
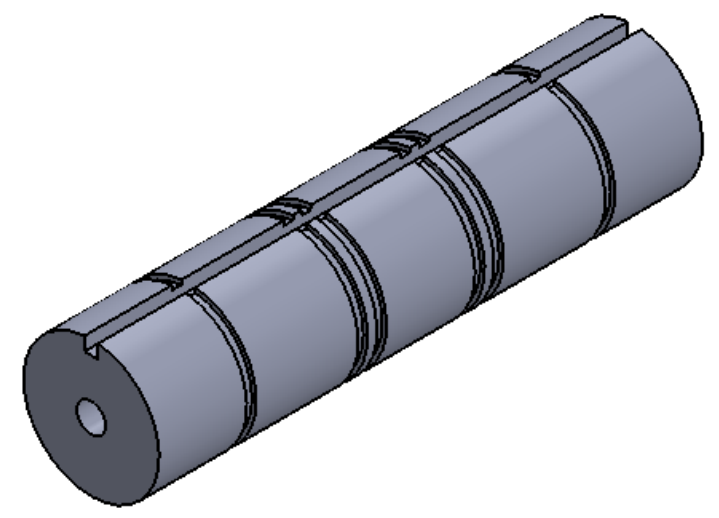
UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: 6061 Alloy	
DIMENSIONS ARE IN INCHES.		
ENGINEER	L. Andrade	11/7/2015
DRAWN	A. Rodrigues	11/7/2015
CHECKED	T. Saylor	11/8/2015

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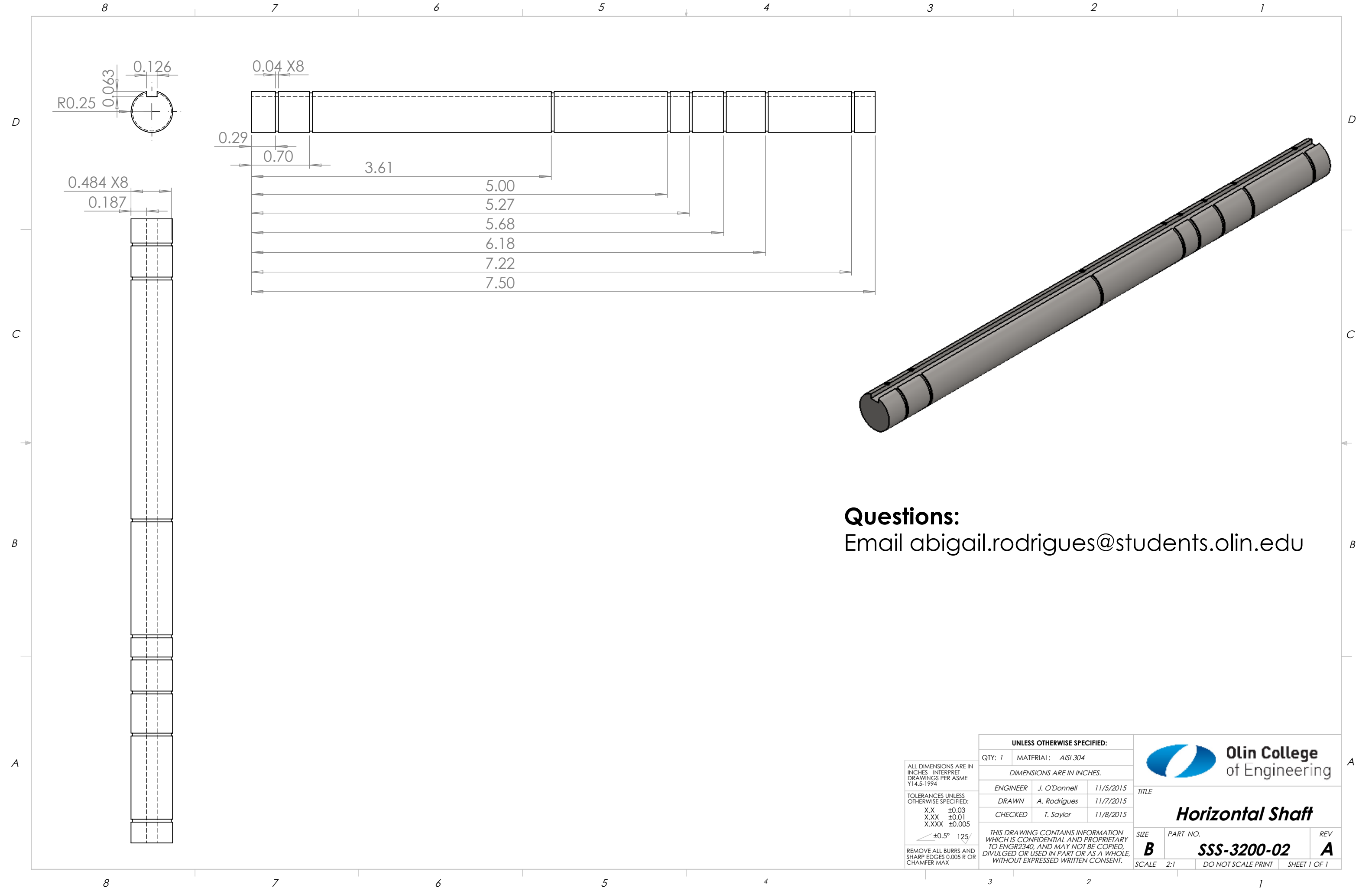


TITLE		
<b>Pulley and Gear Shaft</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2100-12</b>	<b>A</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:1		


**Questions:**  
 Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)



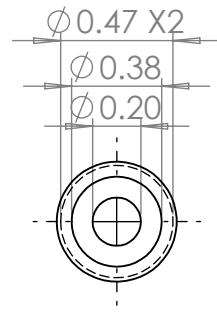
UNLESS OTHERWISE SPECIFIED:		QTY: 1		MATERIAL: 6061 Alloy	
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994					
DIMENSIONS ARE IN INCHES.					
ENGINEER	L. Andrade	11/4/2015	TITLE		
DRAWN	A. Rodrigues	11/7/2015	Keyed Shaft		
CHECKED	T. Saylor	11/8/2015	SIZE	PART NO.	REV
TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125/			<b>B</b>	<b>SSS-2120-03</b>	<b>A</b>
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.			SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.			2:1		



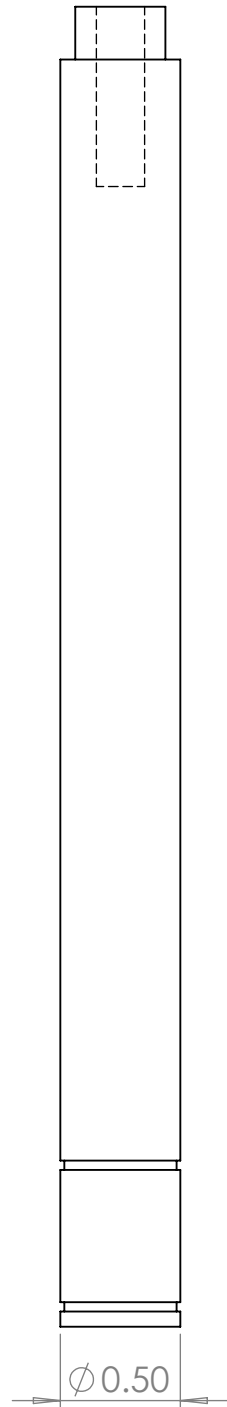
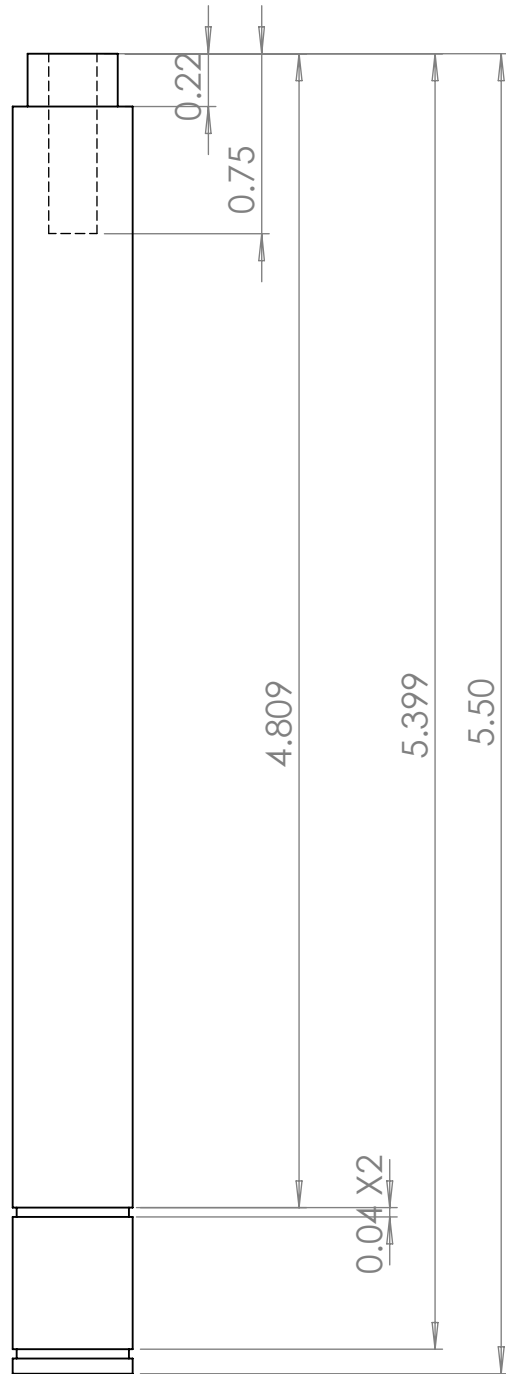
**Questions:**  
 Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)

ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005  ±0.5° 125'  REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.	<b>UNLESS OTHERWISE SPECIFIED:</b> QTY: 1 MATERIAL: AISI 304			 <b>Olin College of Engineering</b>  TITLE <b>Horizontal Shaft</b>  SIZE PART NO. REV <b>B SSS-3200-02 A</b> SCALE 2:1 DO NOT SCALE PRINT SHEET 1 OF 1
	DIMENSIONS ARE IN INCHES.			
	ENGINEER	J. O'Donnell	11/5/2015	
	DRAWN	A. Rodrigues	11/7/2015	
CHECKED	T. Saylor	11/8/2015	THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.	





**Questions:**  
 Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.X	$\pm 0.03$
X.XX	$\pm 0.01$
X.XXX	$\pm 0.005$

$\angle \pm 0.5^\circ$  125

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

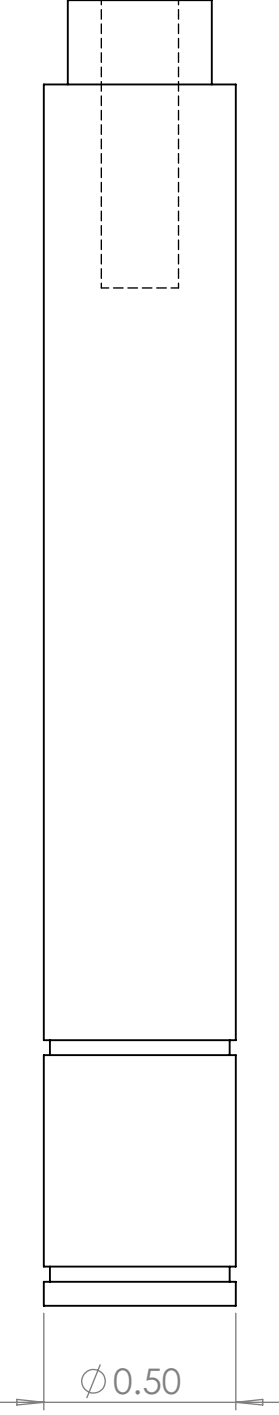
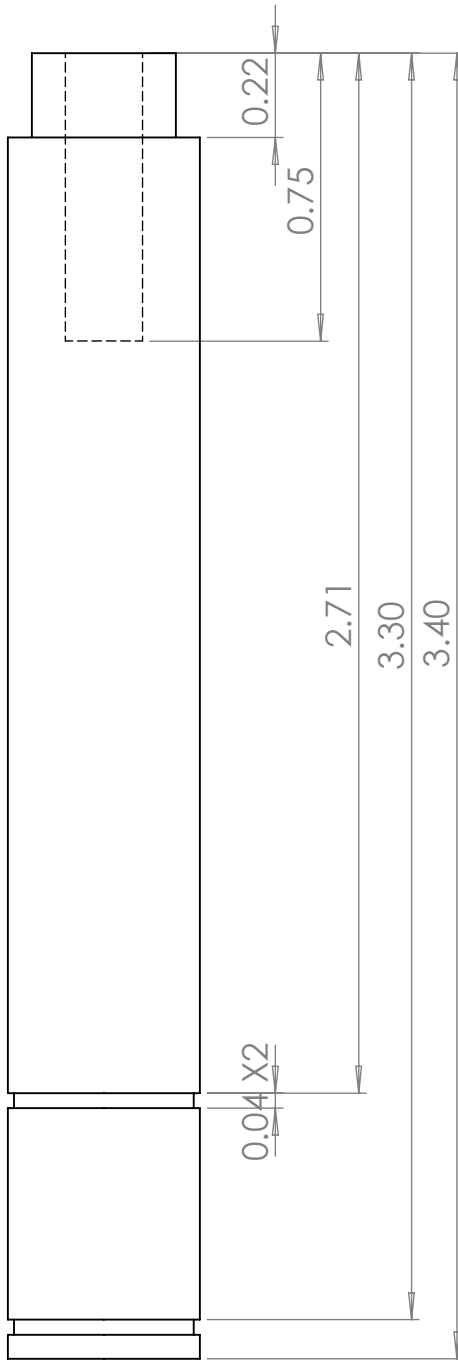
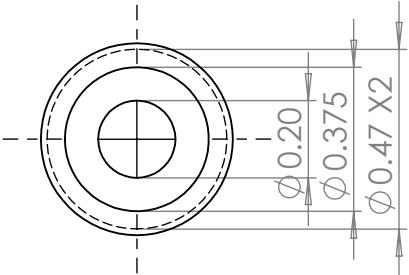
UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: AISI 304	
DIMENSIONS ARE IN INCHES.		
ENGINEER	J. O'Donnell	11/07/2015
DRAWN	A. Rodrigues	11/07/2015
CHECKED	T. Saylor	11/08/2015



TITLE		
<b>Tensioner Shaft</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-1000-09</b>	<b>A</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1

**Questions:**

Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

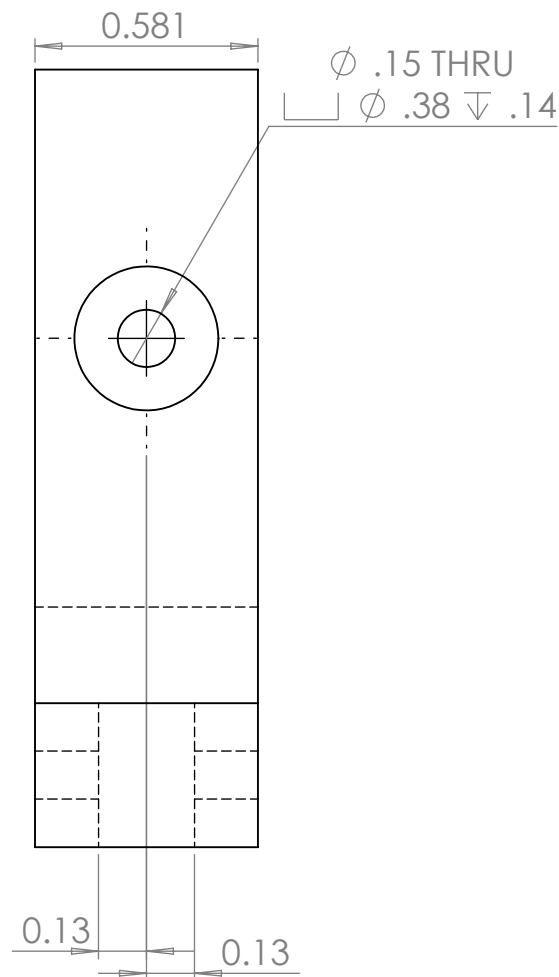
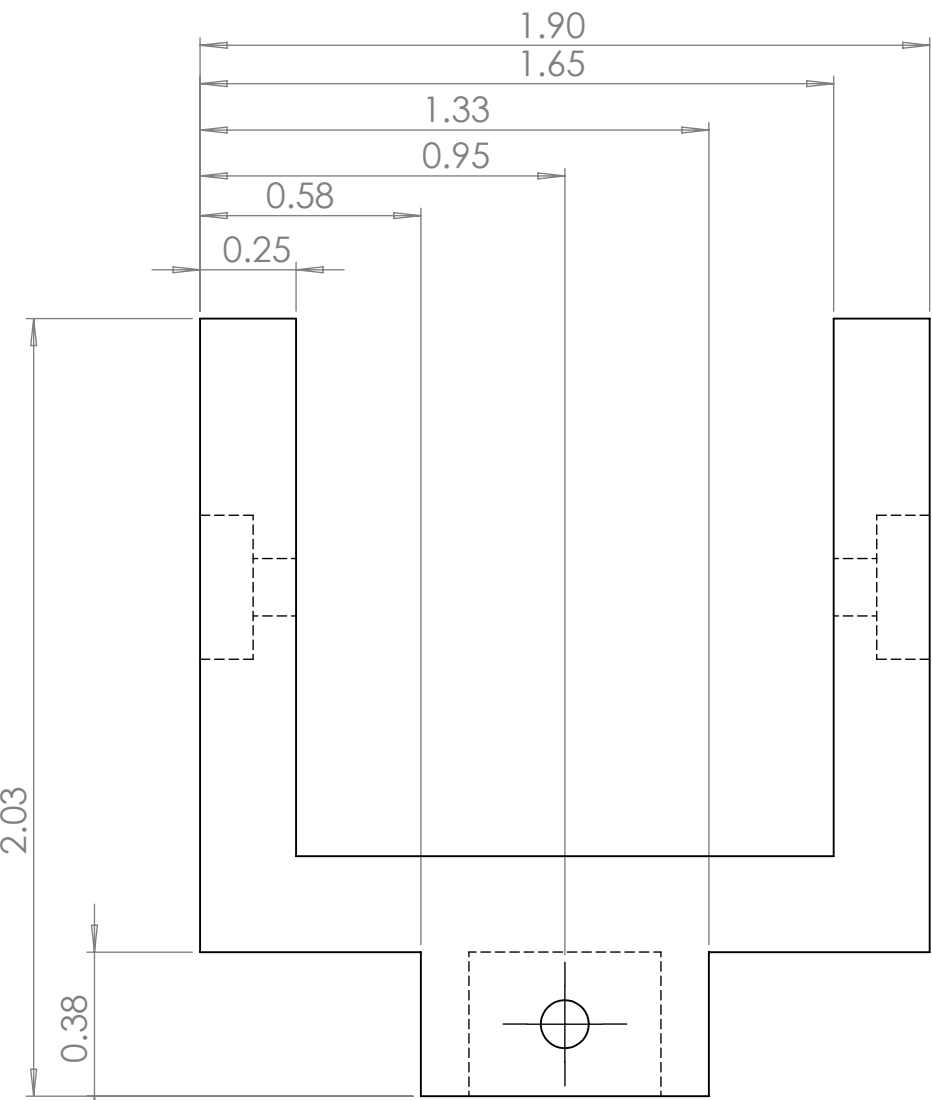
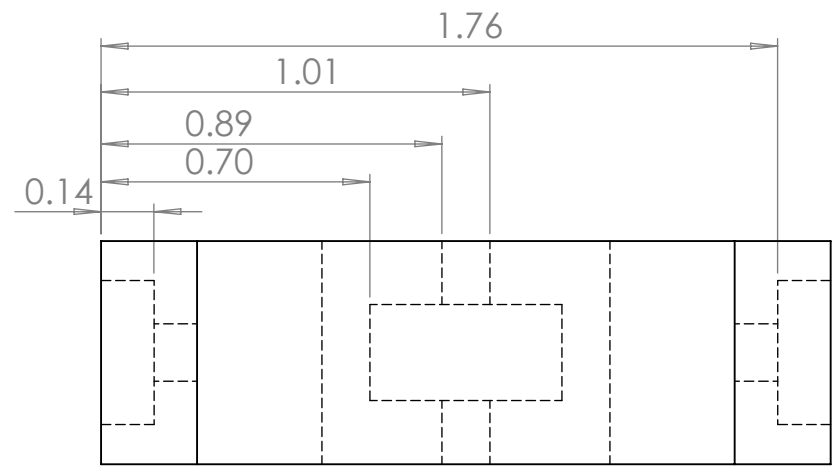
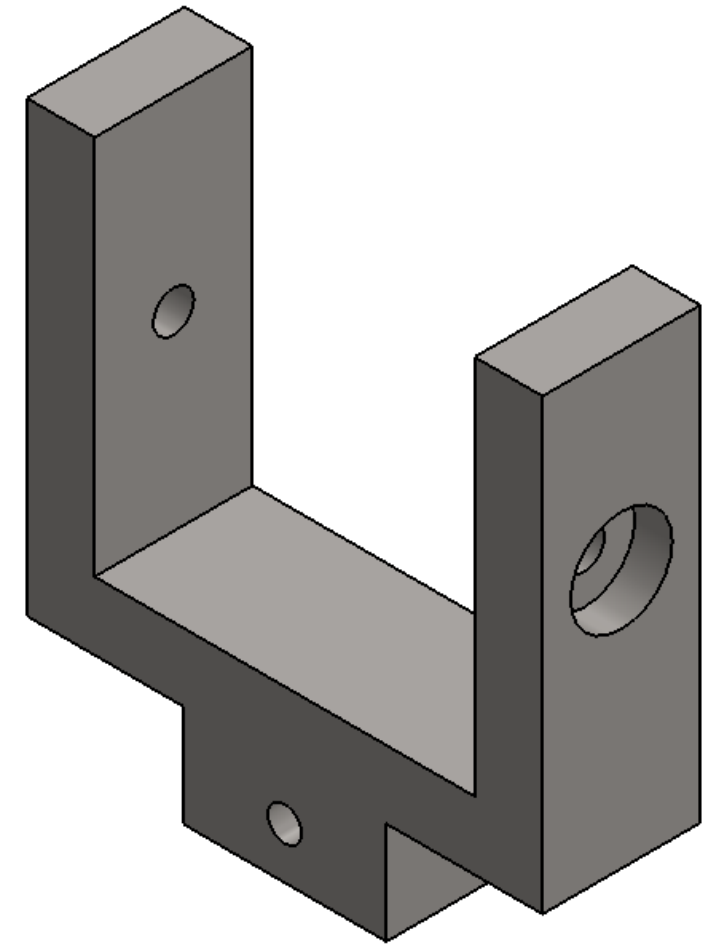
UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: Steel	
DIMENSIONS ARE IN INCHES.		
ENGINEER	J. O'Donnell	11/07/2015
DRAWN	A. Rodrigues	11/07/2015
CHECKED	T. Saylor	11/08/2015

TITLE		
<b>Tensioner Shaft - Short</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-1000-10</b>	<b>A</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
2:1		

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**Questions:**

Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)



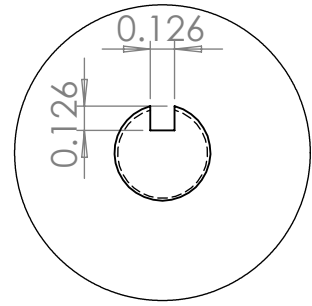
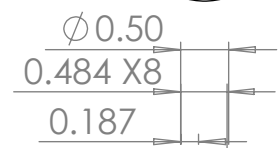
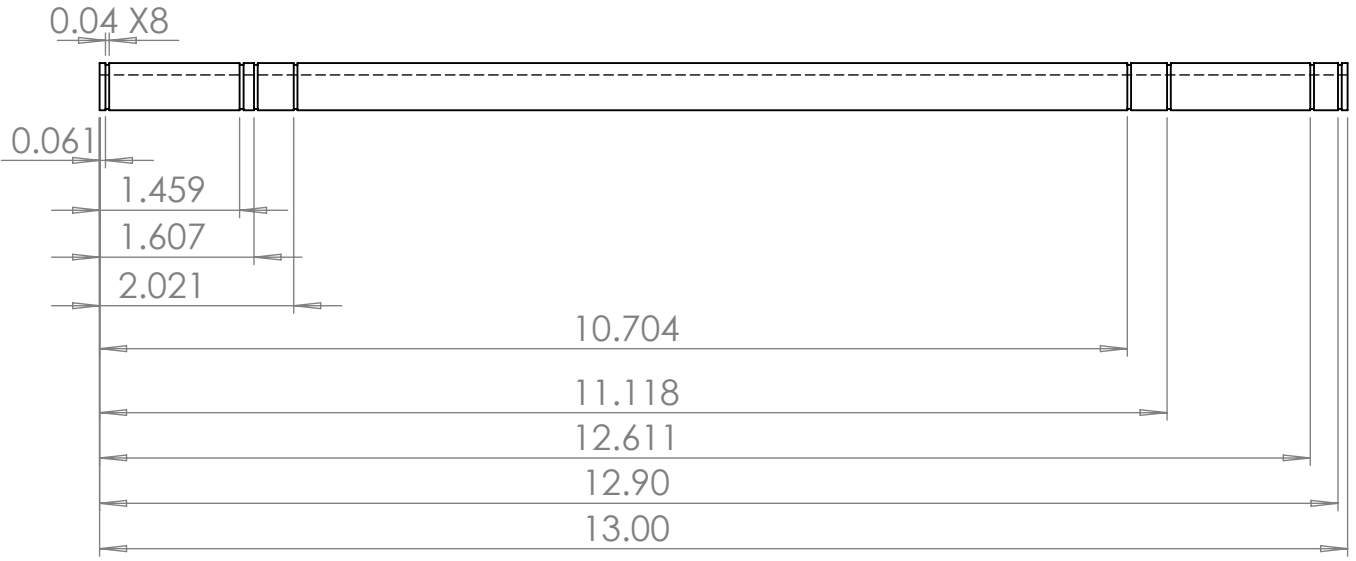
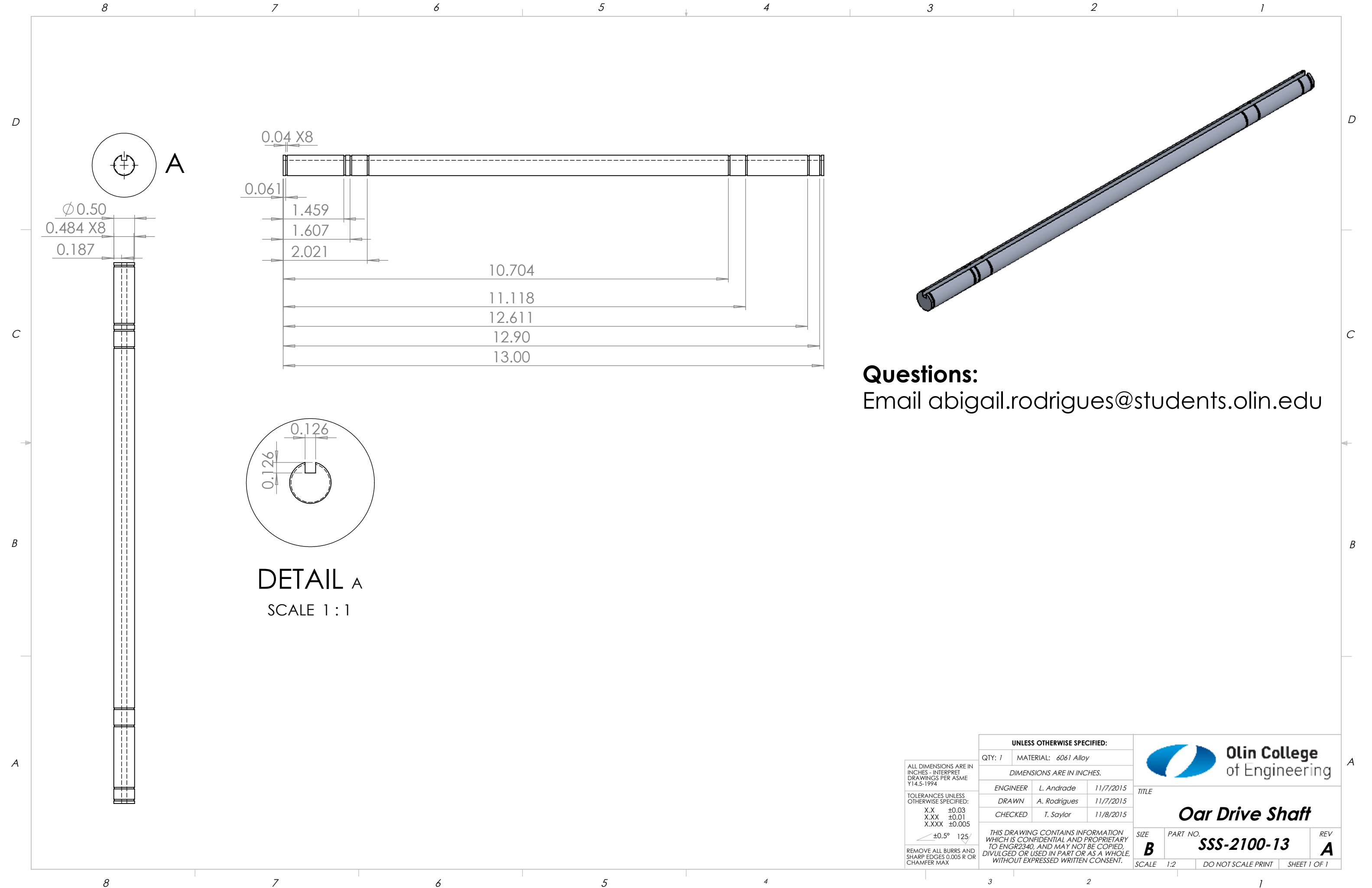
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

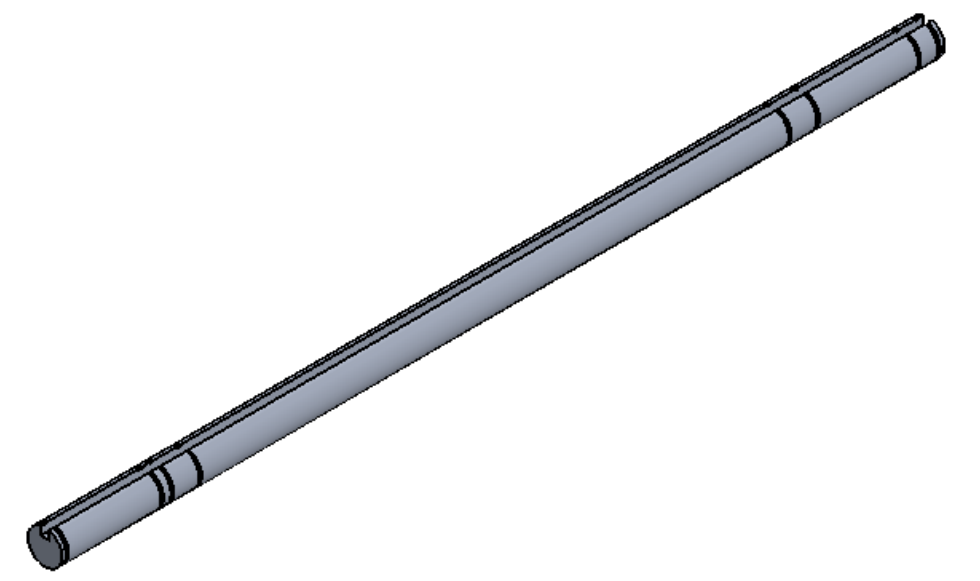
±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:			Olin College of Engineering		
QTY: 2	MATERIAL: AISI 304		TITLE		
DIMENSIONS ARE IN INCHES.					
ENGINEER	J. O'Donnell	11/5/2015	Horizontal Bearing Housing Mount		
DRAWN	A. Rodrigues	11/7/2015	SIZE	PART NO.	REV
CHECKED	T. Saylor	11/8/2015	<b>B</b>	<b>SSS-3200-06</b>	<b>A</b>
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.			SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
			2:1		



**DETAIL A**  
SCALE 1:1

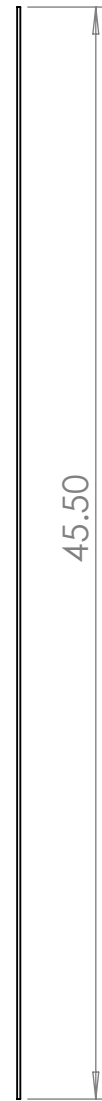


**Questions:**  
Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)

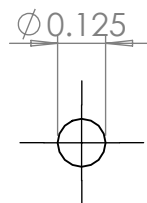
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005  $\angle \pm 0.5^\circ$ 125/1  REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.	<b>UNLESS OTHERWISE SPECIFIED:</b> QTY: 1 MATERIAL: 6061 Alloy			
	DIMENSIONS ARE IN INCHES.			
	ENGINEER	L. Andrade	11/7/2015	
	DRAWN	A. Rodrigues	11/7/2015	
	CHECKED	T. Saylor	11/8/2015	TITLE  <b>Oar Drive Shaft</b>
	SIZE	B	PART NO. <b>SSS-2100-13</b>	REV <b>A</b>
	SCALE	1:2	DO NOT SCALE PRINT	SHEET 1 OF 1

**Questions:**

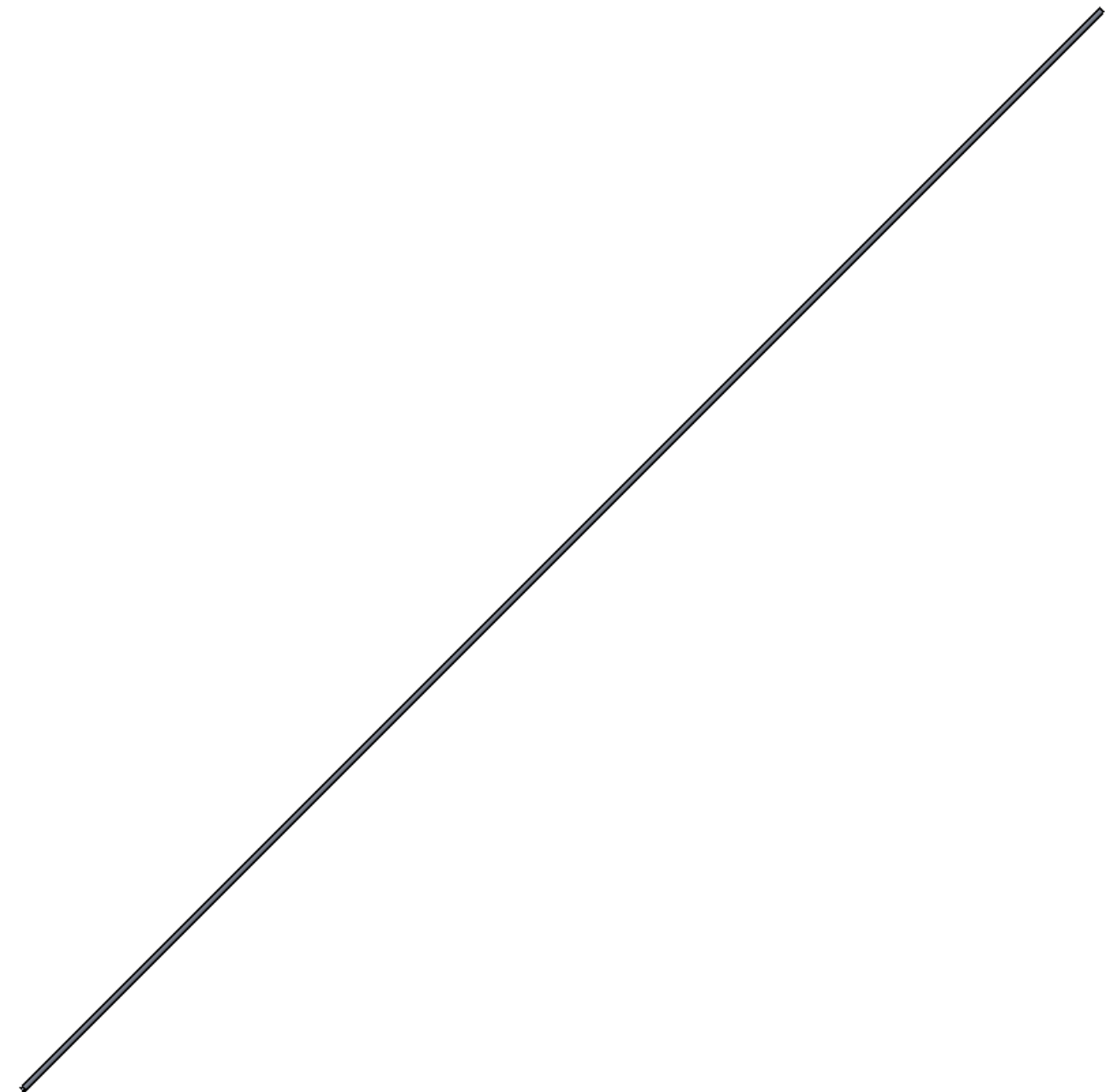
Email [abigail.rodriques@students.olin.edu](mailto:abigail.rodriques@students.olin.edu)



⊕ A



**DETAIL A**  
SCALE 2 : 1



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX

**UNLESS OTHERWISE SPECIFIED:**

QTY: 2 MATERIAL: 6061 Alloy

DIMENSIONS ARE IN INCHES.

ENGINEER	L. Andrade	11/7/2015
----------	------------	-----------

DRAWN	A. Rodrigues	11/7/2015
-------	--------------	-----------

CHECKED	T. Saylor	11/8/2015
---------	-----------	-----------

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TITLE

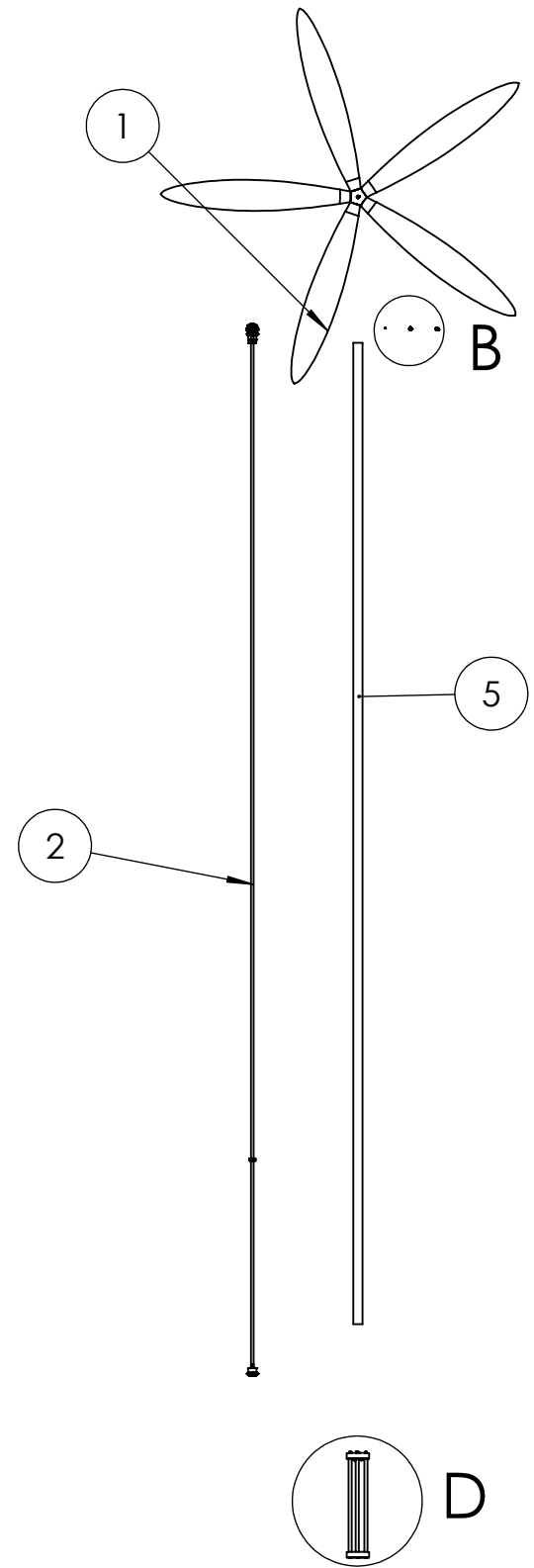
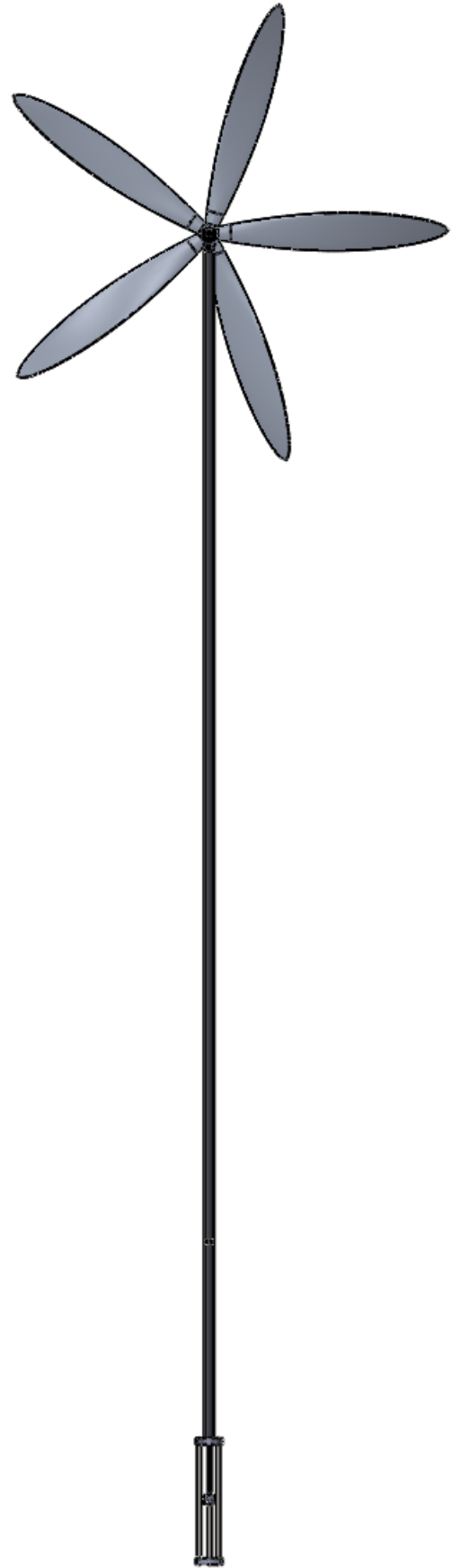
**Boat Track**

SIZE	PART NO.	REV
<b>B</b>	<b>SSS-2100-10</b>	<b>A</b>

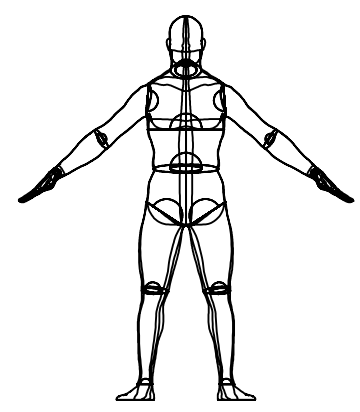
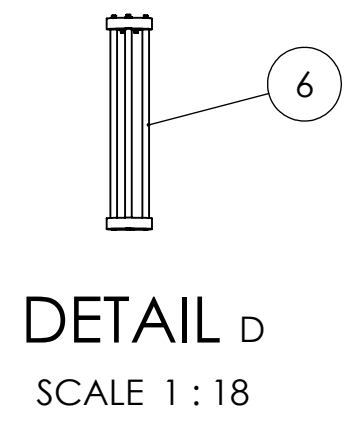
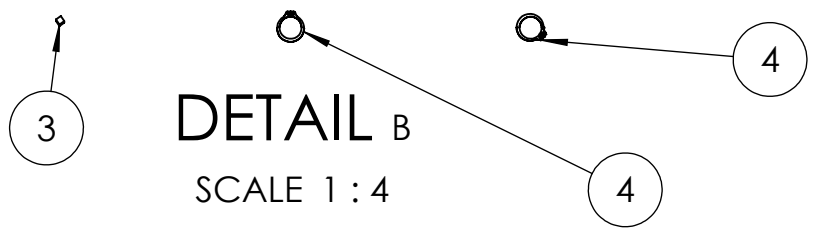
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
1:8		

8 7 6 5 4 3 2 1

D  
C  
B  
A



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-3100-00	Large turbine assembly	1
2	SSS-3200-00	DIFFERENTIAL ASSEMBLY	1
3	SSS-3000-01	KEY	1
4	97633A200	97633A200	2
5	SSS-3000-03	Large Turbine Stationary Outer Shaft	1
6	SSS-3300-00	Large Wind Turbine base assembly	1



Note: Person for reference only

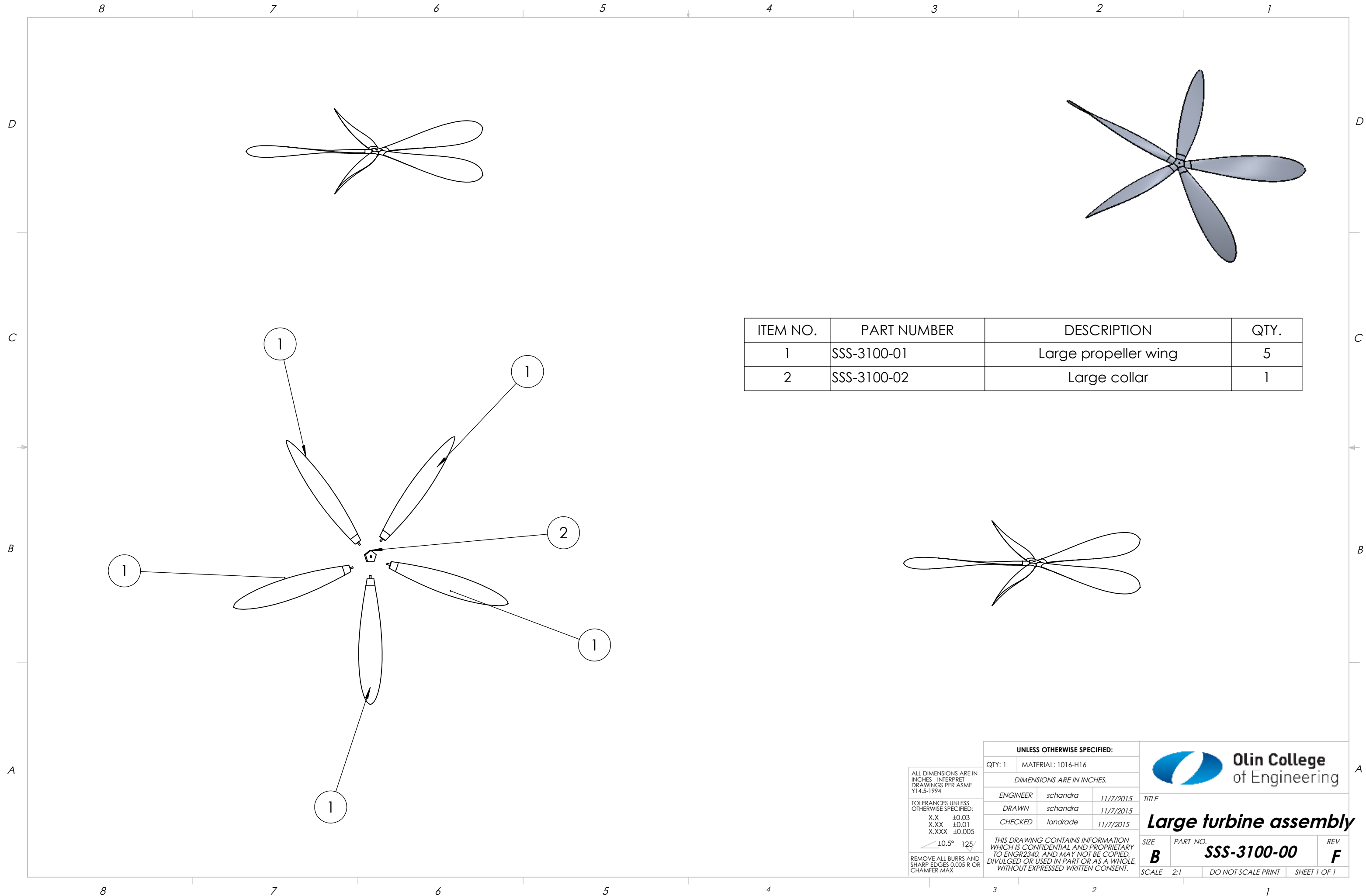
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005  
 ±0.5° 125/

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: N/A	
DIMENSIONS ARE IN INCHES.		
ENGINEER	schandra	11/8/2015
DRAWN	schandra	11/8/2015
CHECKED	landrade	11/8/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		

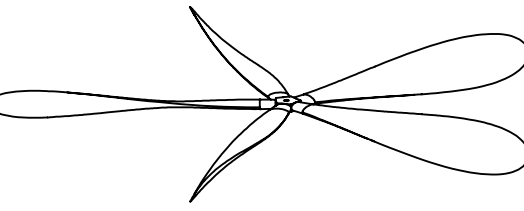



TITLE <b>Large Wind Turbine Assembly</b>		
SIZE <b>B</b>	PART NO. <b>SSS-3000-00</b>	REV <b>J</b>
SCALE 2:1	DO NOT SCALE PRINT	SHEET 1 OF 1

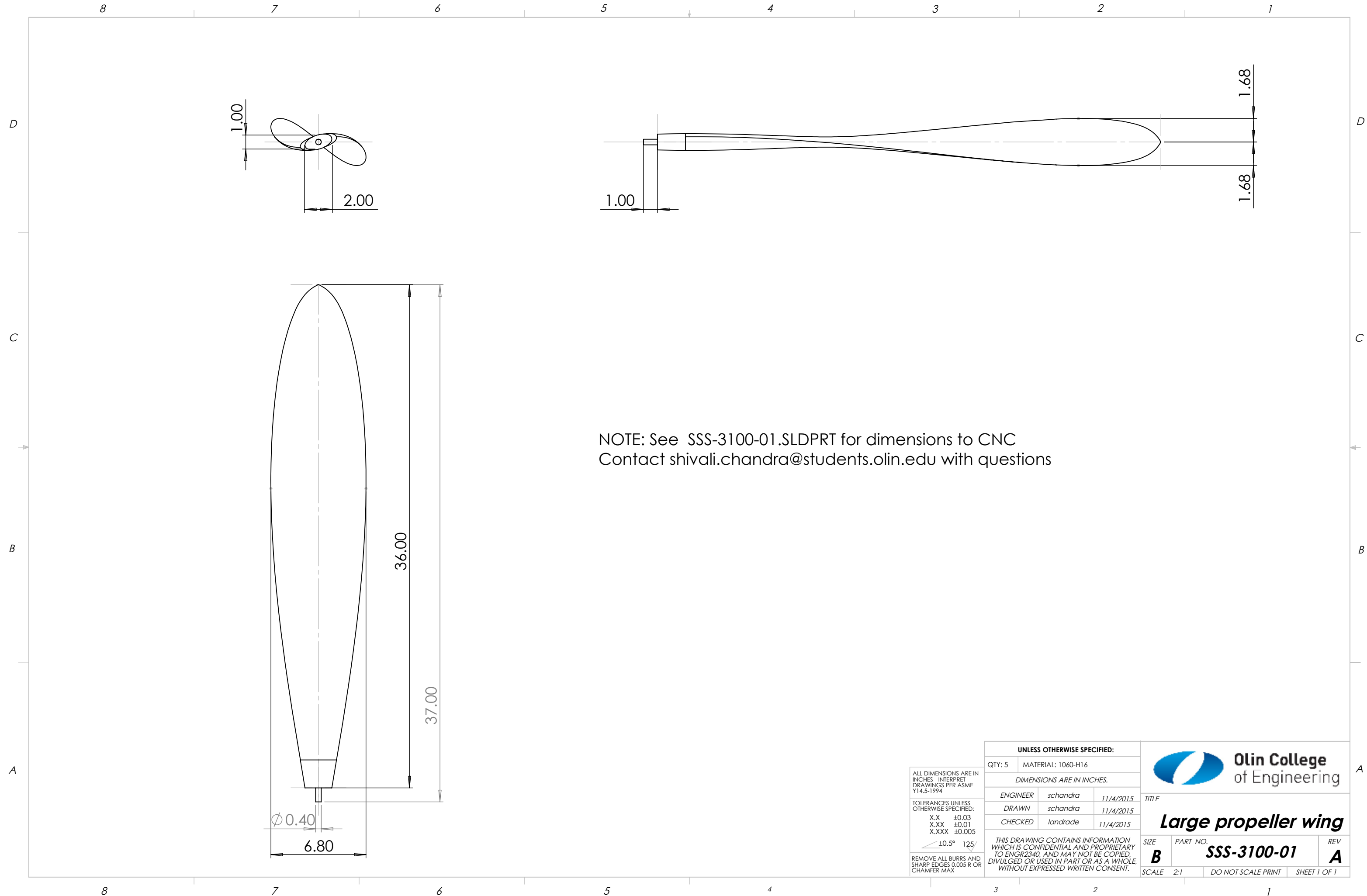
8 7 6 5 4 3 2 1




ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-3100-01	Large propeller wing	5
2	SSS-3100-02	Large collar	1



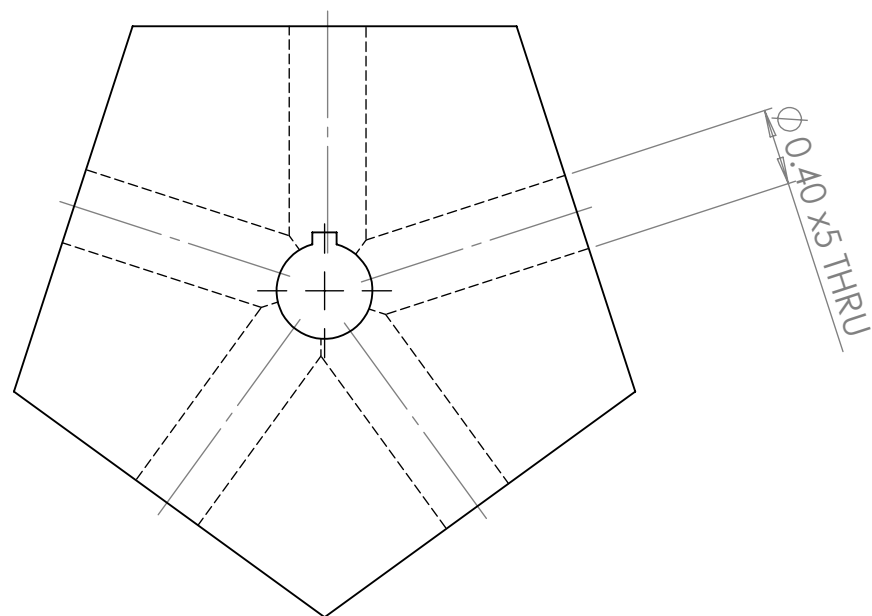
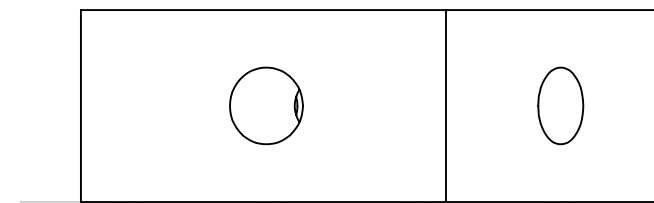
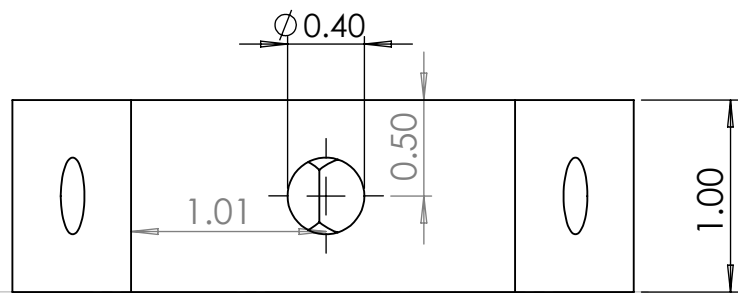
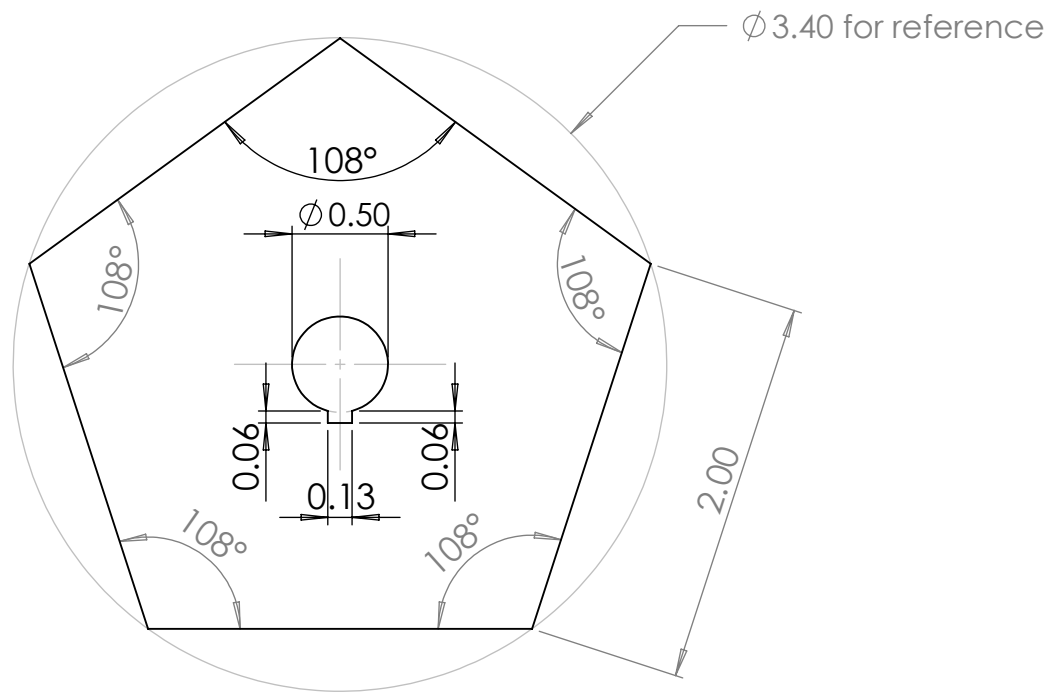
UNLESS OTHERWISE SPECIFIED:			
QTY: 1	MATERIAL: 1016-H16	TITLE	
DIMENSIONS ARE IN INCHES.			
ENGINEER	schandra	11/7/2015	<b>Large turbine assembly</b>
DRAWN	schandra	11/7/2015	
CHECKED	landrade	11/7/2015	
<small>ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994</small> <small>TOLERANCES UNLESS OTHERWISE SPECIFIED:</small> X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125/		<small>THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.</small>	
<small>REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.</small>		<small>SIZE</small> <b>B</b>	<small>PART NO.</small> <b>SSS-3100-00</b>
<small>SCALE 2:1 DO NOT SCALE PRINT</small>		<small>REV</small> <b>F</b>	<small>SHEET 1 OF 1</small>



NOTE: See SSS-3100-01.SLDPRТ for dimensions to CNC  
 Contact shivali.chandra@students.olin.edu with questions

UNLESS OTHERWISE SPECIFIED:		QTY: 5		MATERIAL: 1060-H16	
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994					
TOLERANCES UNLESS OTHERWISE SPECIFIED:					
X.X	±0.03				
X.XX	±0.01				
X.XXX	±0.005				
±0.5°	125/				
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.					
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.					
ENGINEER		schandra	11/4/2015		
DRAWN		schandra	11/4/2015		
CHECKED		landrade	11/4/2015		
 <b>Olin College of Engineering</b>					
TITLE					
<b>Large propeller wing</b>					
SIZE	PART NO.			REV	
<b>B</b>	<b>SSS-3100-01</b>			<b>A</b>	
SCALE	2:1	DO NOT SCALE PRINT		SHEET 1 OF 1	





ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X  $\pm 0.03$   
 X.XX  $\pm 0.01$   
 X.XXX  $\pm 0.005$

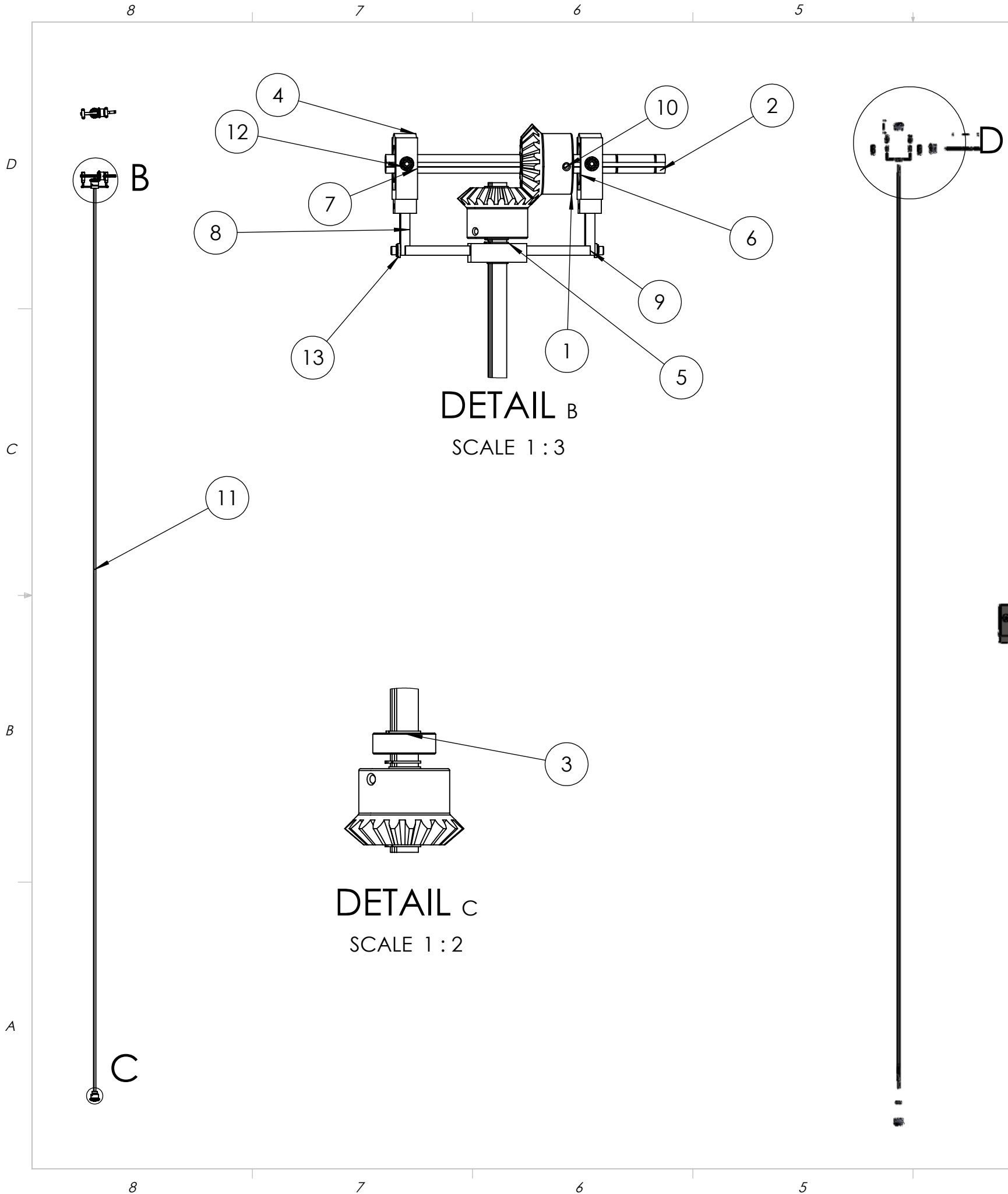
$\angle \pm 0.5^\circ$  125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

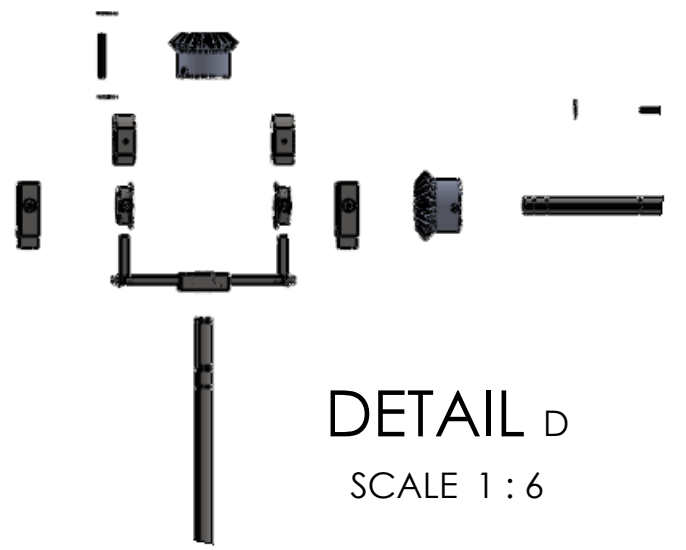
UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: 1016-H16	
DIMENSIONS ARE IN INCHES.		
ENGINEER	schandra	11/7/2015
DRAWN	schandra	11/7/2015
CHECKED	landrade	11/7/2015




TITLE		
<b>Large collar</b>		
SIZE <b>B</b>	PART NO. <b>SSS-3100-02</b>	REV <b>D</b>
SCALE 2:1	DO NOT SCALE PRINT	SHEET 1 OF 1

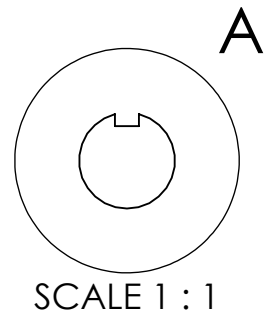


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SSS-3200-01	6843K170	3
2	SSS-3200-02	HORIZONTAL SHAFT	1
3	6383K34	6383K340	4
4	SSS-3200-05	HORIZONTAL BEARING HOUSING	2
5	97633A200	97633A200	15
6	99142A500	99142A500	2
7	SSS-3200-06	HORIZONTAL BEARING HOUSING MOUNT	2
8	SSS-3200-07	VERTICAL SUPPORT	2
9	SSS-3200-08	VERTICAL BEARING HOUSING	1
10	SSS-3200-11	KEY	3
11	SSS-3200-03	VERTICAL SHAFT	1
12	SSS-3210-00	6-32 x 0.25in Bolt Assembly	4
13	SSS-3220-00	6-32 x 0.5in Bolt Assembly	2

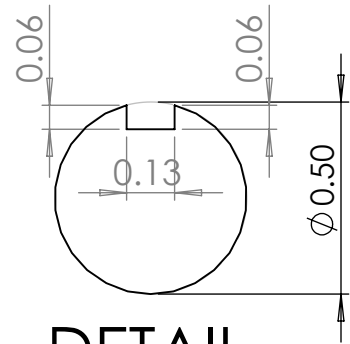


**DETAIL D**  
SCALE 1 : 6

<small>ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994</small> <small>TOLERANCES UNLESS OTHERWISE SPECIFIED:</small> X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125/	<b>UNLESS OTHERWISE SPECIFIED:</b>			 <b>Olin College of Engineering</b>
	QTY: 1	MATERIAL: N/A		
	<small>DIMENSIONS ARE IN INCHES.</small>			
	ENGINEER	landrade	11/8/2015	
	DRAWN	schandra	11/8/2015	
	CHECKED	landrade	11/8/2015	
<small>REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.</small>			<small>THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.</small>	
<small>TITLE</small> <b>DIFFERENTIAL ASSEMBLY</b>		<small>SIZE</small> <b>B</b>	<small>PART NO.</small> <b>SSS-3200-00</b>	<small>REV</small> <b>E</b>
<small>SCALE</small> 2:1		<small>DO NOT SCALE PRINT</small>		<small>SHEET 1 OF 1</small>

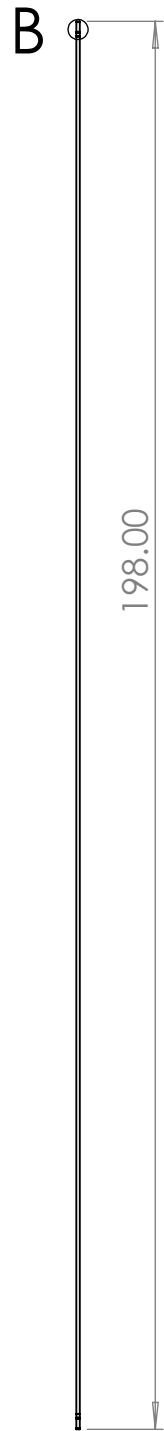


SCALE 1 : 1

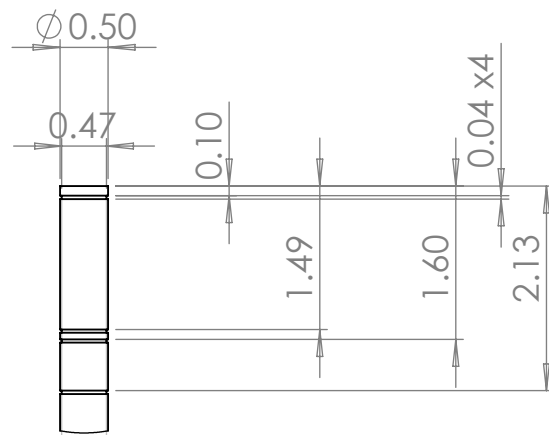


DETAIL A

SCALE 2 : 1



198.00



DETAIL B

SCALE 1 : 2

NOTE: Detail B  
dimensions are for  
the top and bottom  
of the shaft

ALL DIMENSIONS ARE IN  
INCHES - INTERPRET  
DRAWINGS PER ASME  
Y14.5-1994

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:  
X.X ±0.03  
X.XX ±0.01  
X.XXX ±0.005

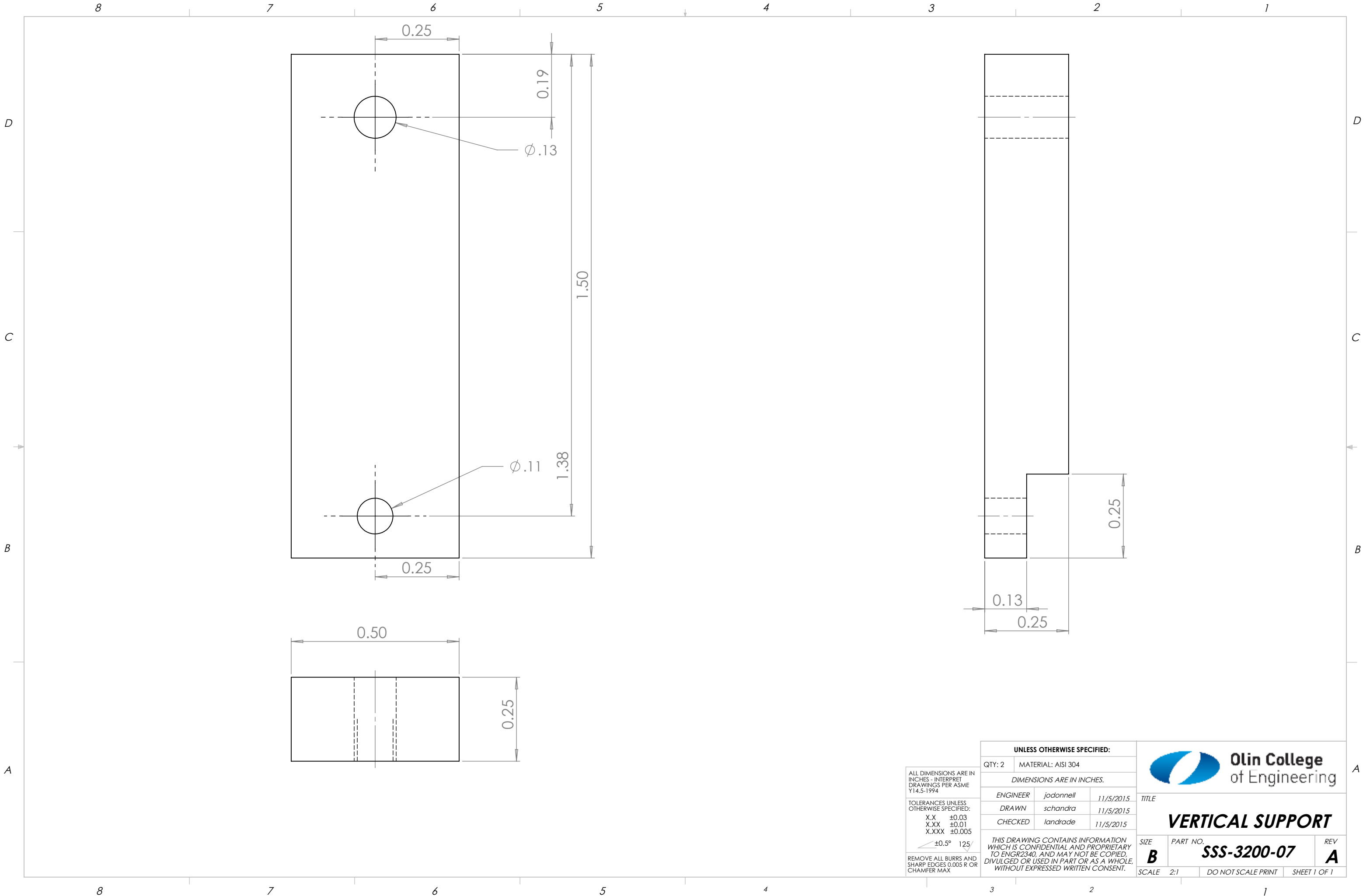
∠±0.5° 125/

REMOVE ALL BURRS AND  
SHARP EDGES 0.005 R OR  
CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: AISI 304	
DIMENSIONS ARE IN INCHES.		
ENGINEER	jodonnell	11/5/2015
DRAWN	schandra	11/5/2015
CHECKED	landrade	11/5/2015



TITLE		
<b>VERTICAL SHAFT</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-3200-03</b>	<b>E</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
2:1		




ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

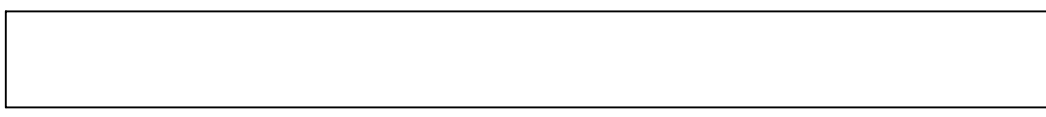
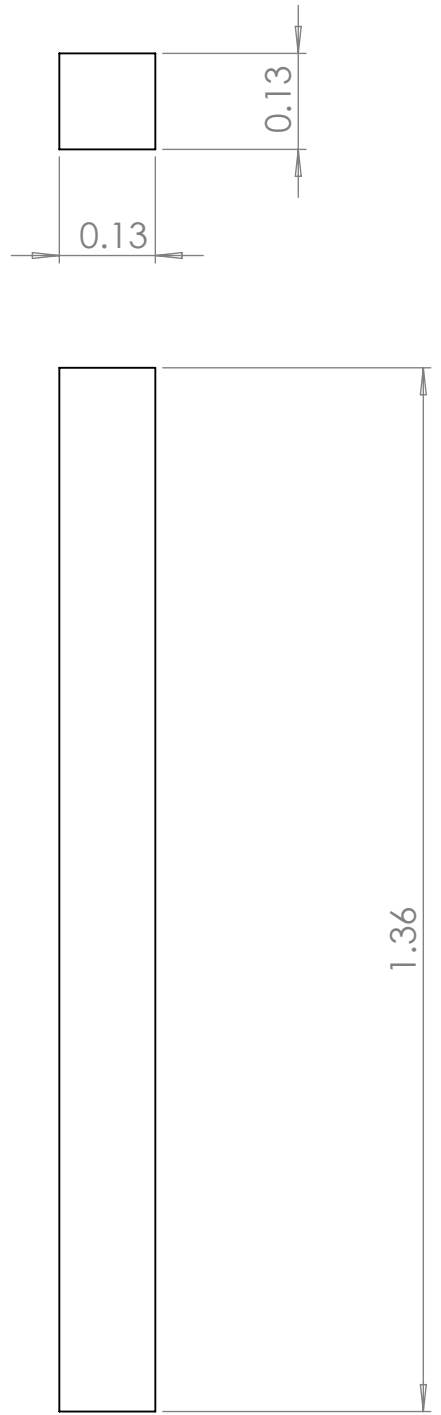
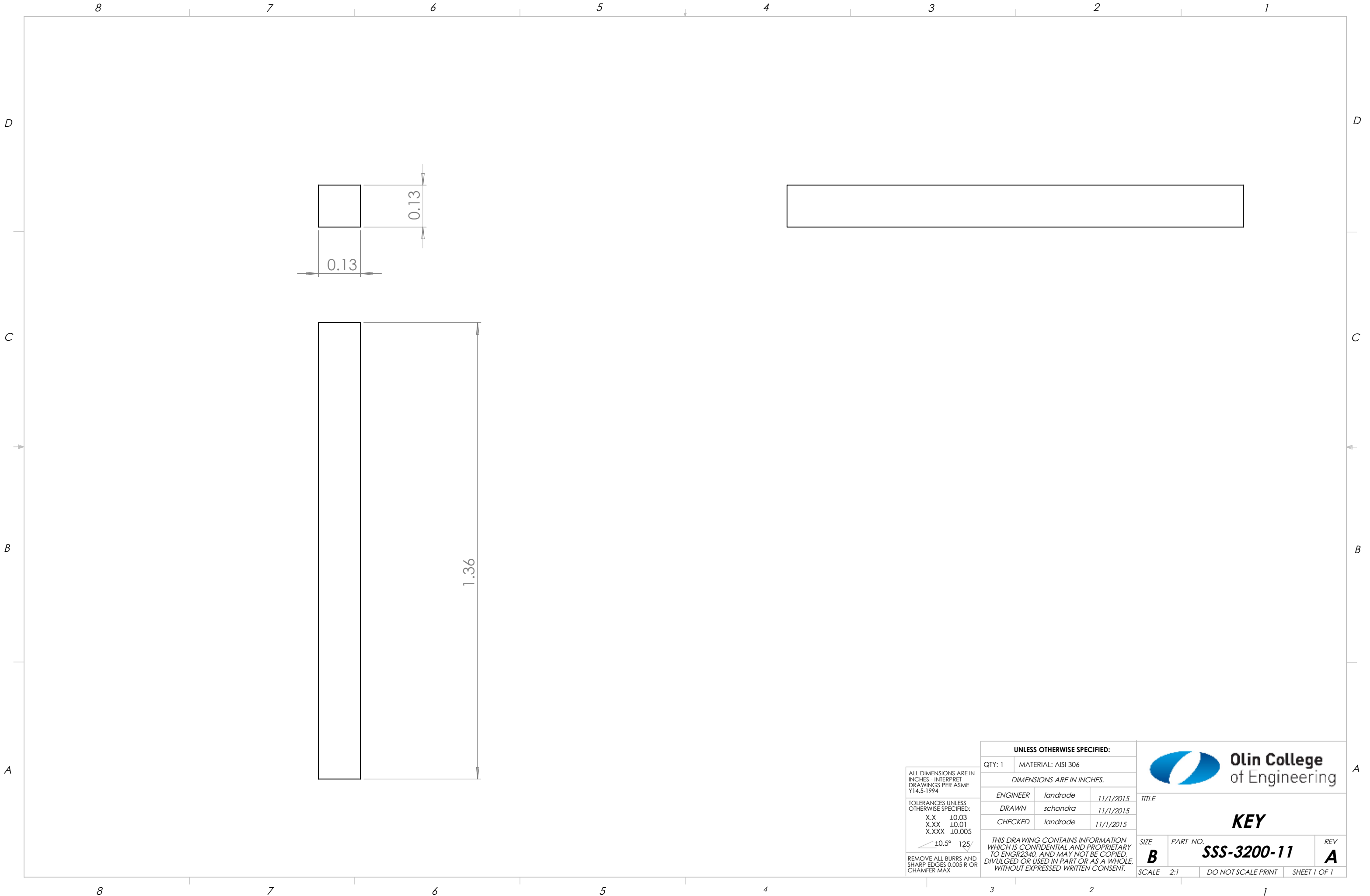
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

∠ ±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 2	MATERIAL: AISI 304	
DIMENSIONS ARE IN INCHES.		
ENGINEER	jodonnell	11/5/2015
DRAWN	schandra	11/5/2015
CHECKED	landrade	11/5/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		

		
<b>VERTICAL SUPPORT</b>		
SIZE <b>B</b>	PART NO. <b>SSS-3200-07</b>	REV <b>A</b>
SCALE 2:1	DO NOT SCALE PRINT	SHEET 1 OF 1




ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

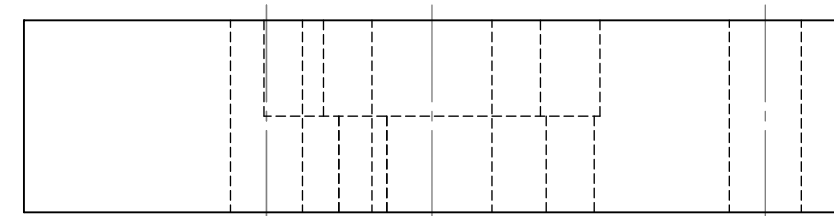
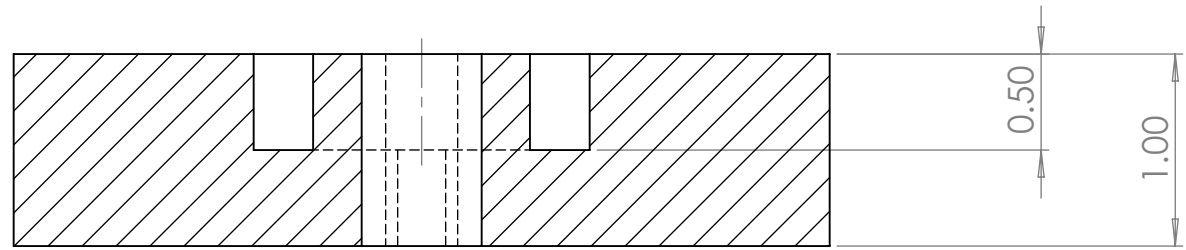
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

∠ ±0.5° 125/

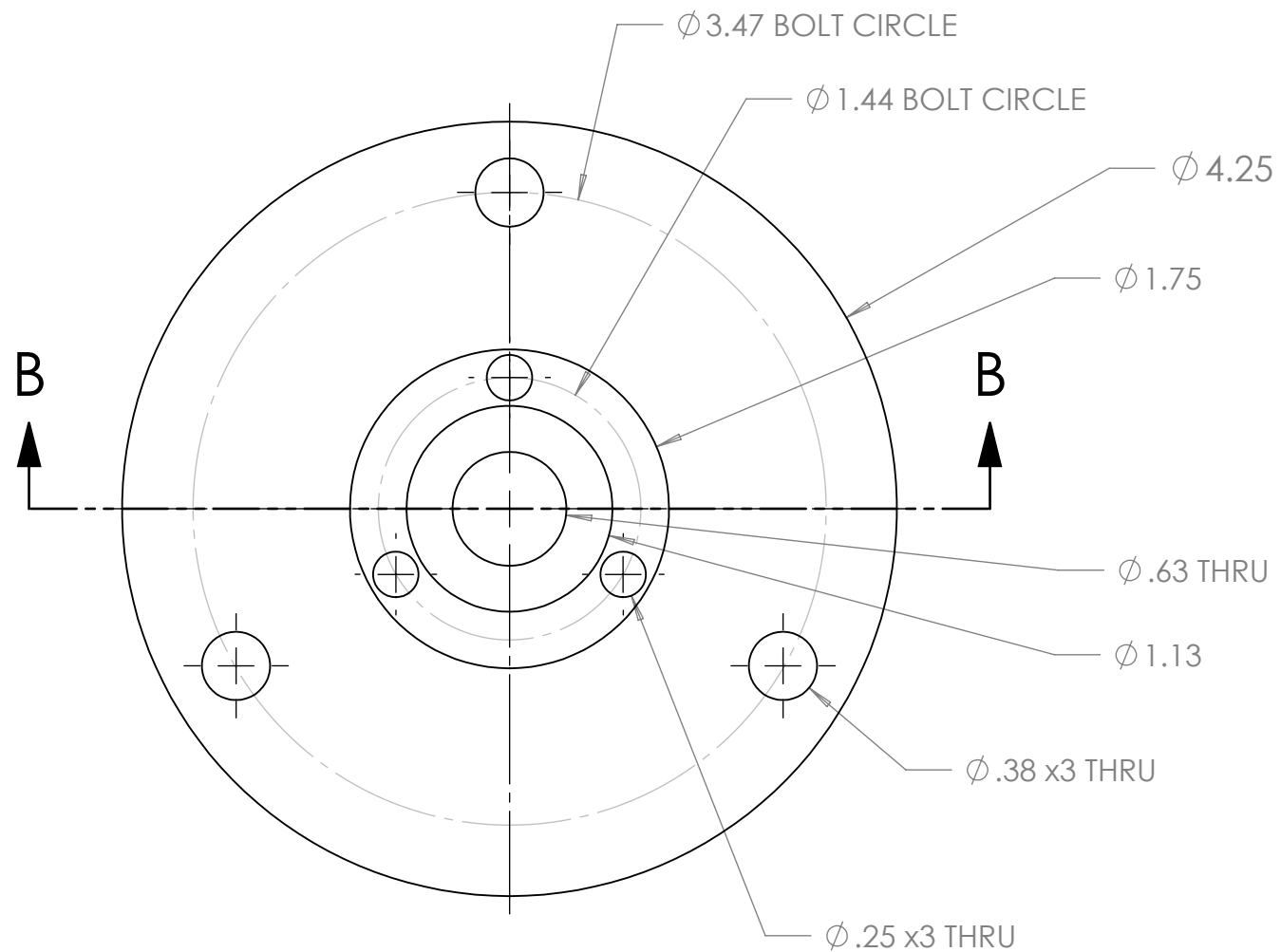
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: AISI 306	
DIMENSIONS ARE IN INCHES.		
ENGINEER	landrade	11/11/2015
DRAWN	schandra	11/11/2015
CHECKED	landrade	11/11/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		

 <b>Olin College of Engineering</b>		TITLE	
<b>KEY</b>		SIZE	PART NO.
<b>B</b>		<b>SSS-3200-11</b>	
SCALE	2:1	DO NOT SCALE PRINT	SHEET 1 OF 1
		REV	<b>A</b>



**SECTION B-B**



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

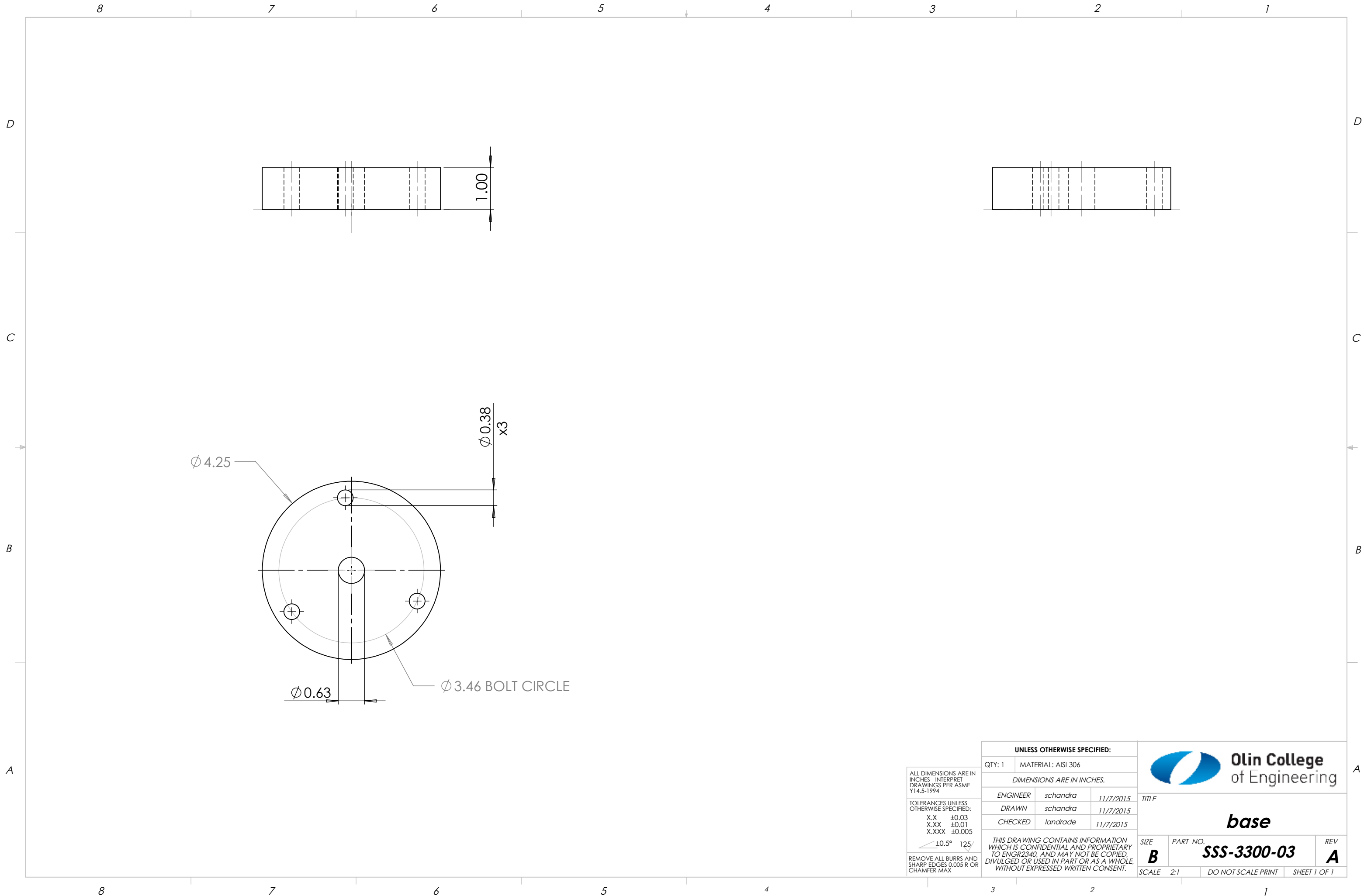
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

∠±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: AISI 306	
DIMENSIONS ARE IN INCHES.		
ENGINEER	schandra	11/7/2015
DRAWN	schandra	11/7/2015
CHECKED	landrade	11/7/2015
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR2340, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.		

		
<b>plate for mounting large outer shaft</b>		
SIZE <b>B</b>	PART NO. <b>SSS-3300-02</b>	REV <b>B</b>
SCALE 2:1	DO NOT SCALE PRINT	SHEET 1 OF 1




ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X.X ±0.03  
 X.XX ±0.01  
 X.XXX ±0.005

∠±0.5° 125/

REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX.

UNLESS OTHERWISE SPECIFIED:		
QTY: 1	MATERIAL: AISI 306	
DIMENSIONS ARE IN INCHES.		
ENGINEER	schandra	11/7/2015
DRAWN	schandra	11/7/2015
CHECKED	landrade	11/7/2015

		
TITLE		
<b>base</b>		
SIZE	PART NO.	REV
<b>B</b>	<b>SSS-3300-03</b>	<b>A</b>
SCALE	DO NOT SCALE PRINT	SHEET 1 OF 1
2:1		