

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

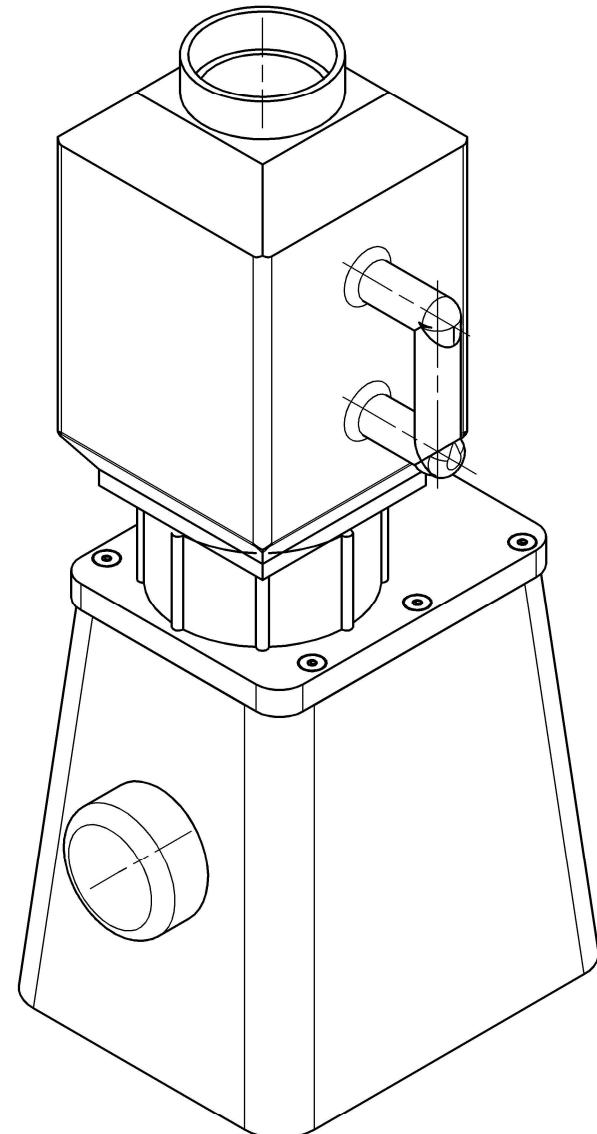
D

E

E

F

F

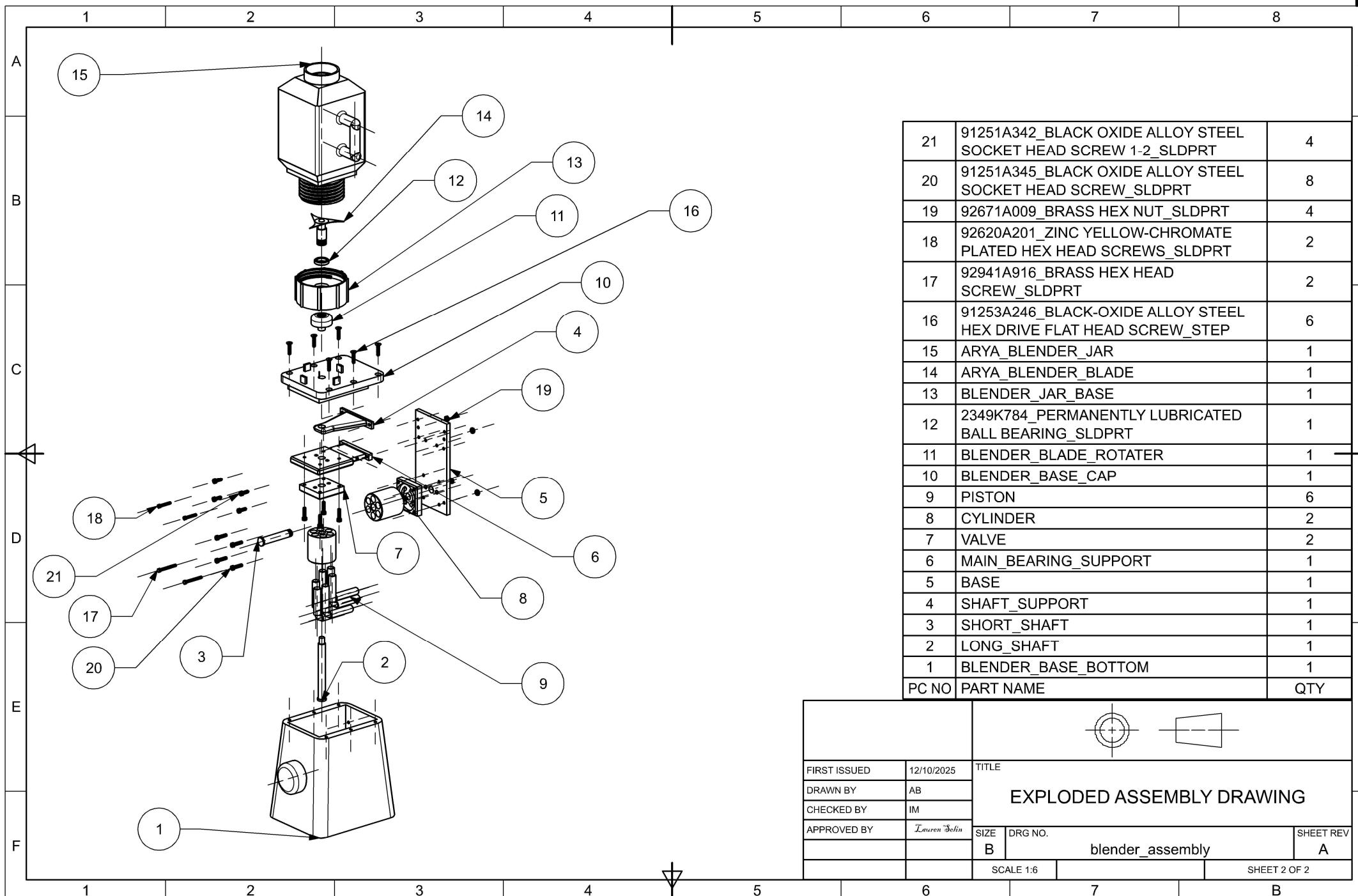


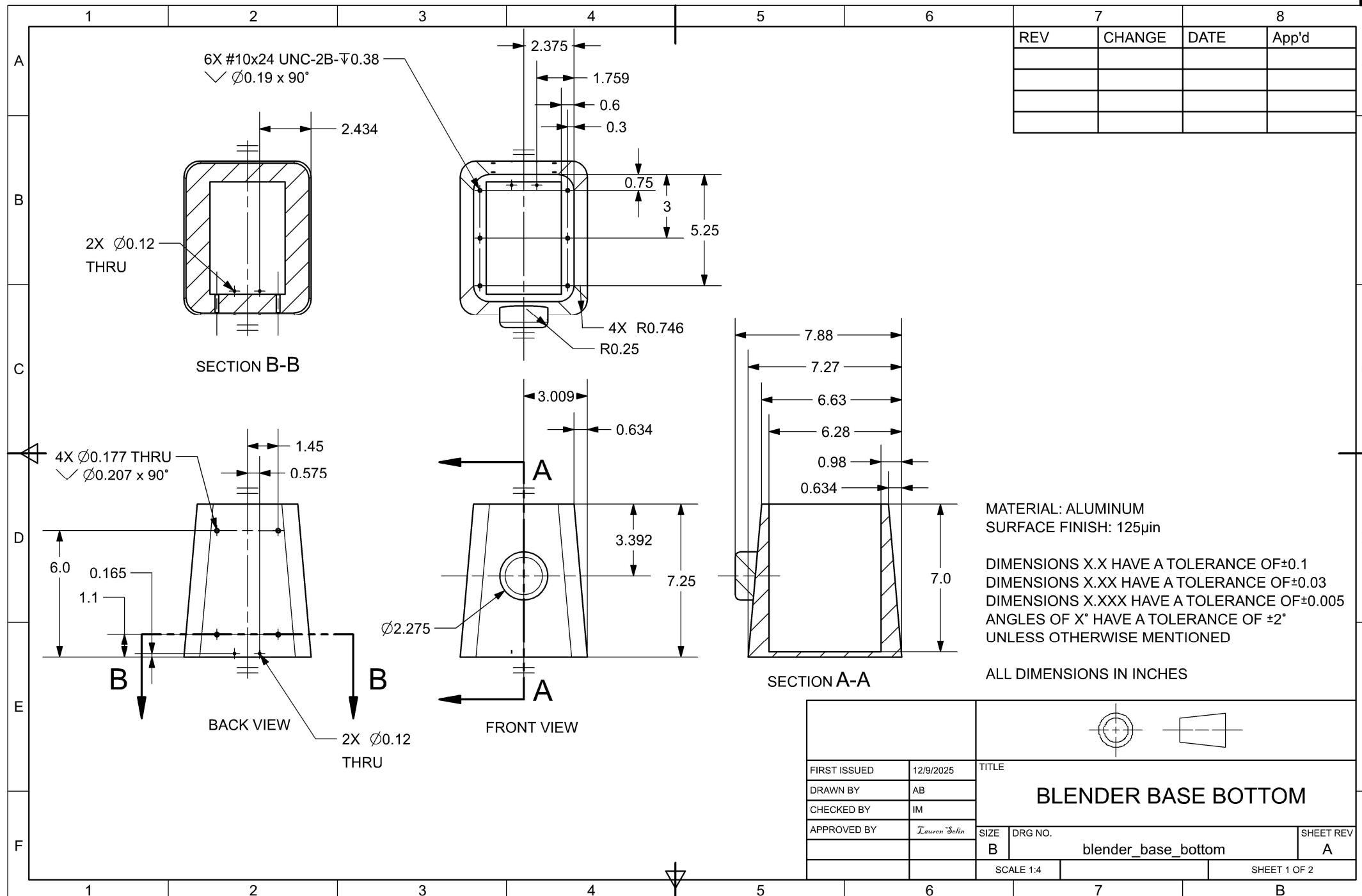
PC NO	PART NAME	QTY
21	91251A342_BLACK OXIDE ALLOY STEEL SOCKET HEAD SCREW 1-2_SLDPRT	4
20	91251A345_BLACK OXIDE ALLOY STEEL SOCKET HEAD SCREW_SLDPRT	8
19	92671A009_BRASS HEX NUT_SLDPRT	4
18	92620A201_ZINC YELLOW-CHROMATE PLATED HEX HEAD SCREWS_SLDPRT	2
17	92941A916_BRASS_HEX HEAD SCREW_SLDPRT	2
16	91253A246_BLACK-OXIDE ALLOY STEEL HEX DRIVE FLAT HEAD SCREW_STEP	6
15	ARYA_BLENDER_JAR	1
14	ARYA_BLENDER_BLADE	1
13	BLENDER_JAR_BASE	1
12	2349K784_PERMANENTLY LUBRICATED BALL BEARING_SLDPRT	1
11	BLENDER_BLADE_ROTATER	1
10	BLENDER_BASE_CAP	1
9	PISTON	6
8	CYLINDER	2
7	VALVE	2
6	MAIN_BEARING_SUPPORT	1
5	BASE	1
4	SHAFT_SUPPORT	1
3	SHORT_SHAFT	2
2	LONG_SHAFT	1
1	BLENDER_BASE_BOTTOM	1
	PC NO PART NAME	QTY

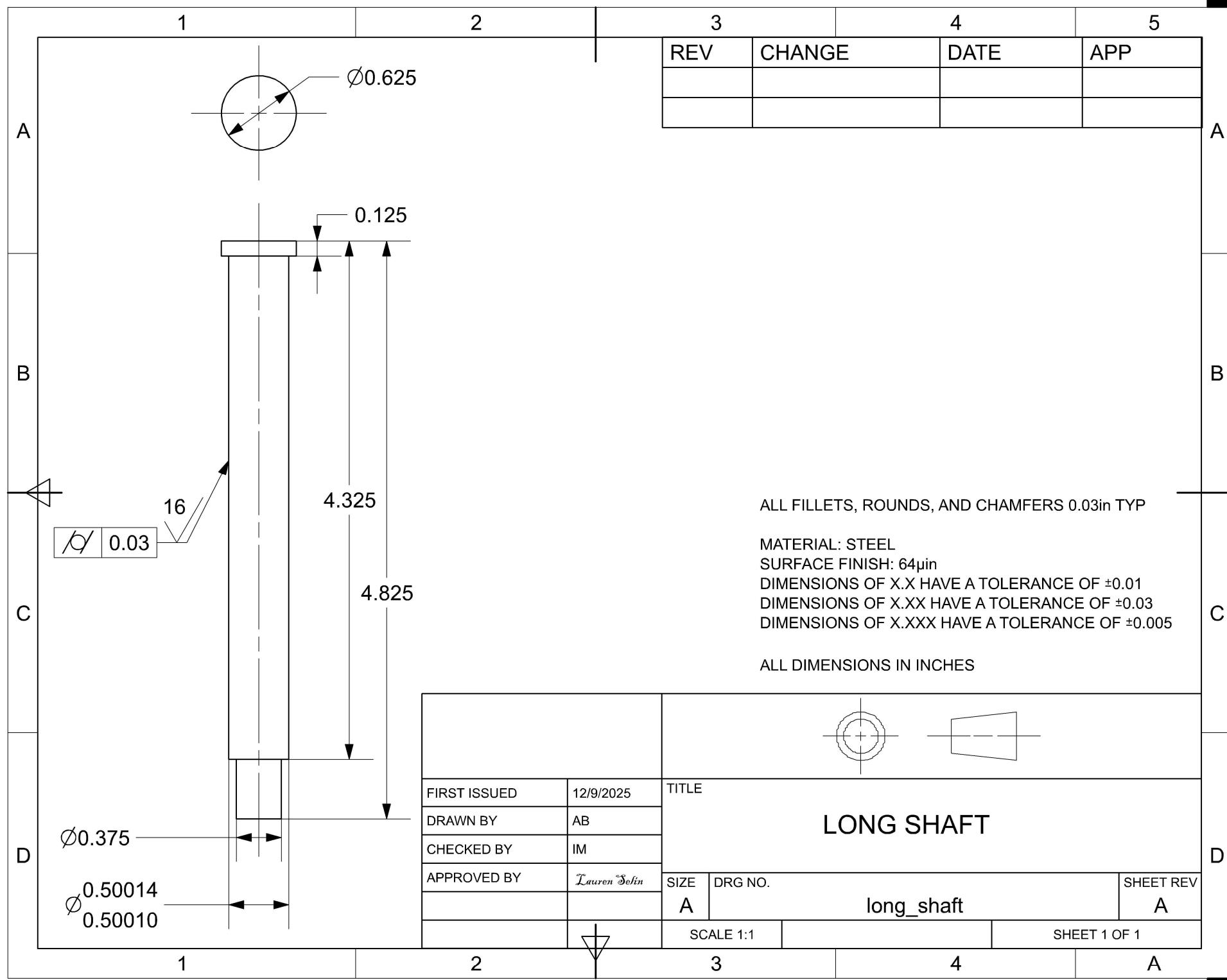
FIRST ISSUED	12/10/2025	TITLE	
DRAWN BY	AB	BLENDER ASSEMBLY	
CHECKED BY	IM		
APPROVED BY	Lauren Sefin	SIZE	DRG NO.
		B	blender_assembly
		SCALE 1:2	
			SHEET REV A
			SHEET 1 OF 2

1 2 3 4 5 6 7 8

A







1

2

3

4

5

REV

CHANGE

DATE

APP

A

A

B

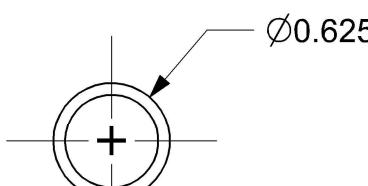
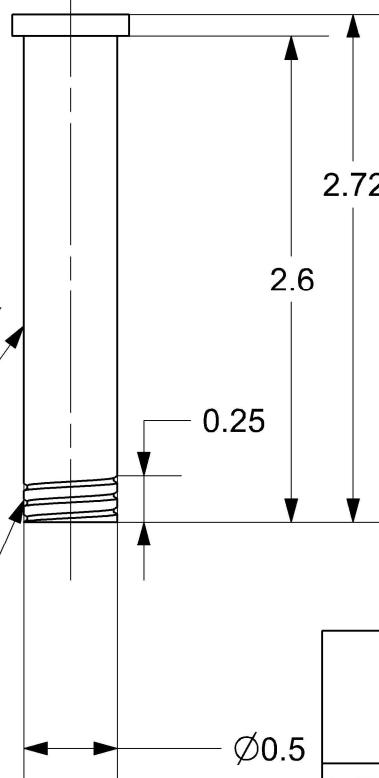
B

C

C

D

D

 $\phi 0.625$ 

9/16-12 UNC-2A

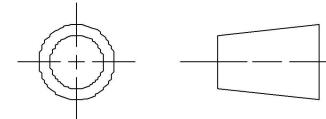
 $\phi 0.5$

ALL FILLETS AND ROUNDS TYP 0.1

MATERIAL: STEEL

SURFACE FINISH: 64 μ inDIMENSIONS OF X.X HAVE A TOLERANCE OF ± 0.01 DIMENSIONS OF X.XX HAVE A TOLERANCE OF ± 0.03 DIMENSIONS OF X.XXX HAVE A TOLERANCE OF ± 0.005

ALL DIMENSIONS IN INCHES



FIRST ISSUED	12/9/2025
DRAWN BY	AB
CHECKED BY	IM
APPROVED BY	<i>Lauren Sefin</i>

SIZE	DRG NO.	TITLE	
		SHORT SHAFT	
A	short_shaft	SHEET REV	A
	SCALE 1:1		SHEET 1 OF 1

1

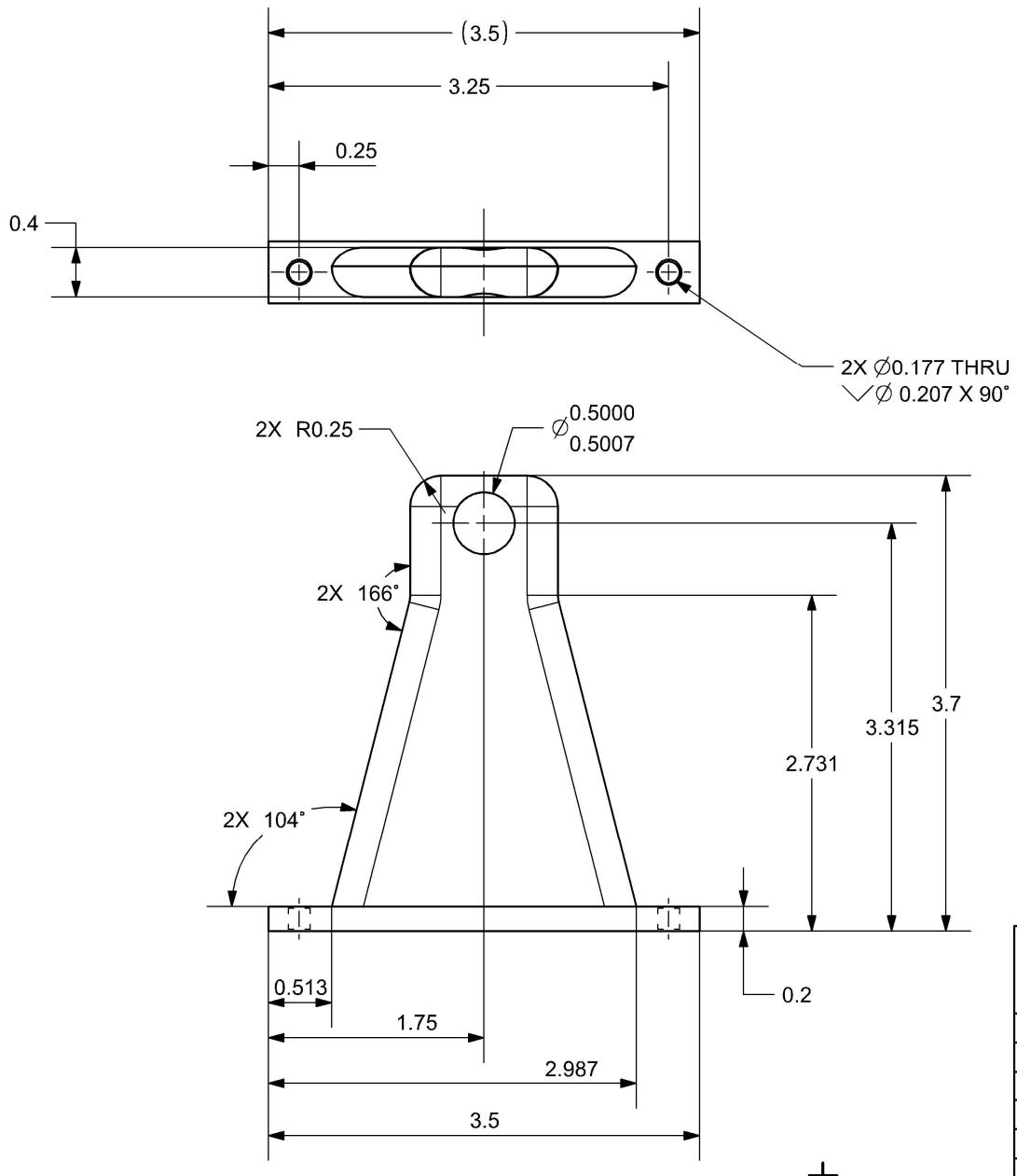
2

3

4

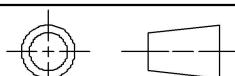
A

1	2	3	4	5	6	7	8
A					REV	CHANGE	DATE
B							APP



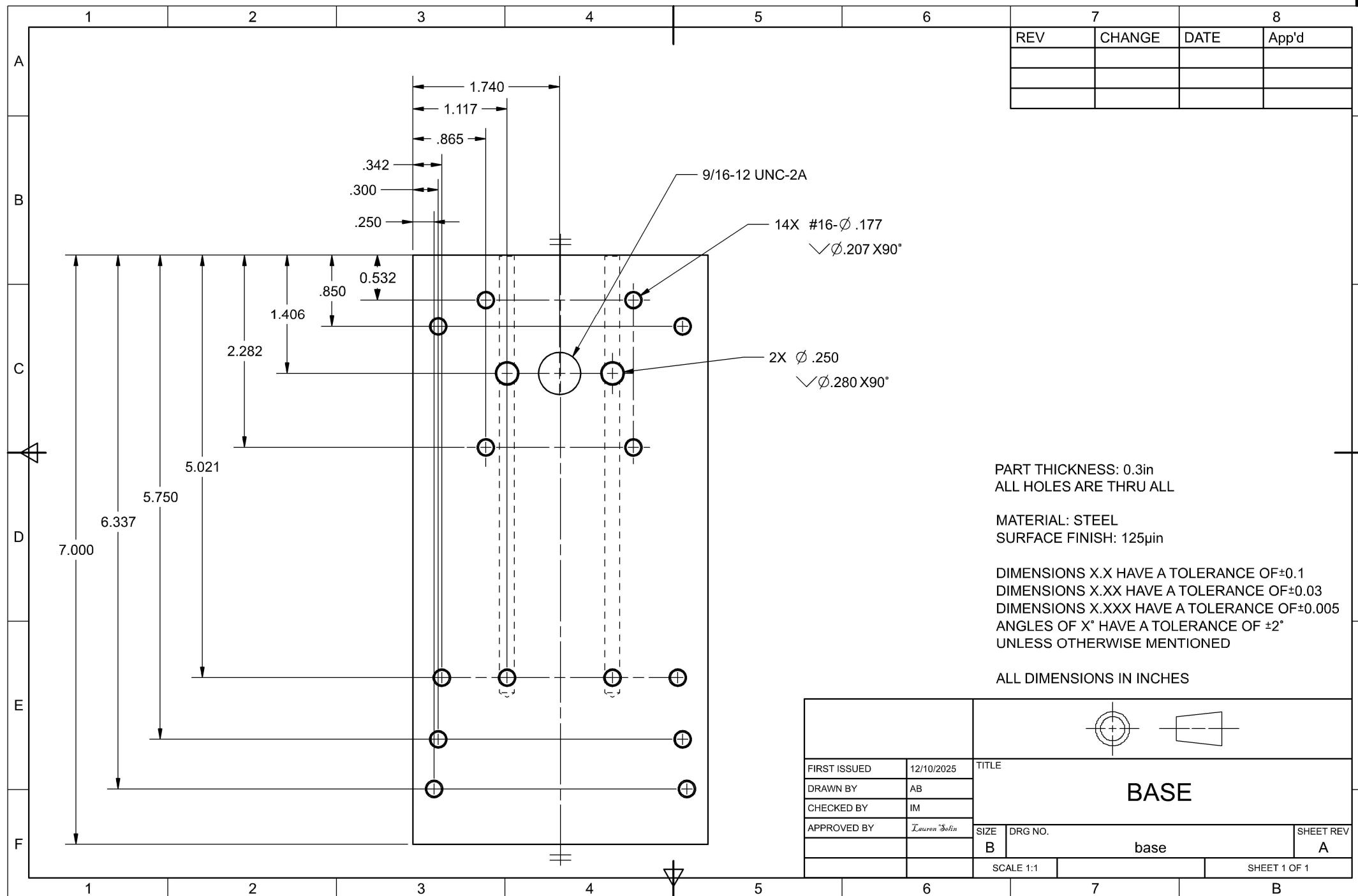
ALL FILLETS, ROUNDS, AND CHAMFERS 0.03in TYP
 MATERIAL: STEEL
 SURFACE FINISH: 125µin
 DIMENSIONS OF X.X HAVE A TOLERANCE OF ± 0.01
 DIMENSIONS OF X.XX HAVE A TOLERANCE OF ± 0.03
 DIMENSIONS OF X.XXX HAVE A TOLERANCE OF ± 0.005

ALL DIMENSIONS IN INCHES

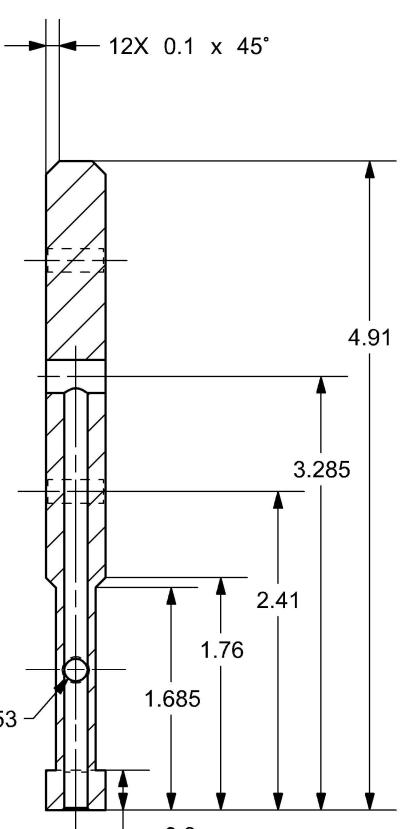
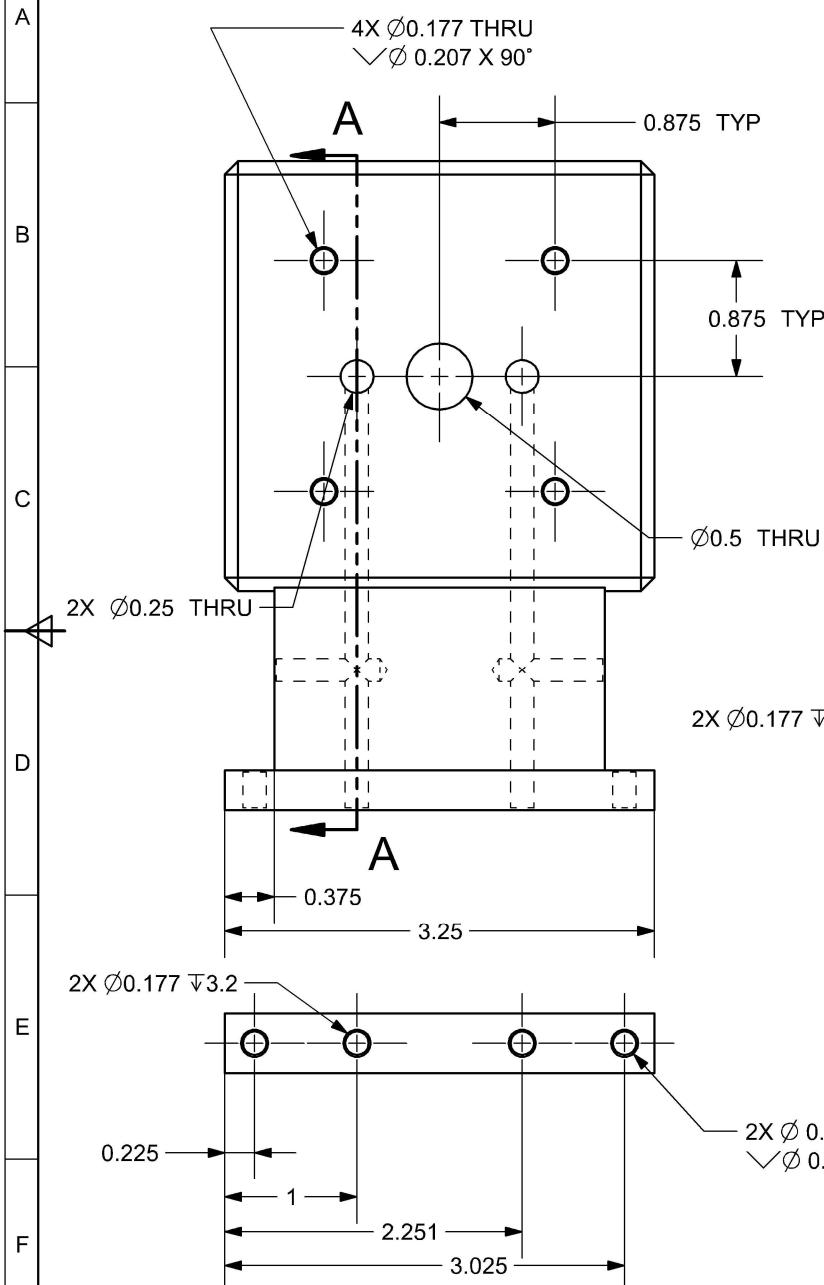


FIRST ISSUED	12/9/2025	TITLE	SHAFT SUPPORT
DRAWN BY	AB		
CHECKED BY	IM		
APPROVED BY	Lauren Sohn		
SIZE	DRG NO.		SHEET REV
B	shaft_support	A	
SCALE 1:1			SHEET 1 OF 1

1	2	3	4	5	6	7	B
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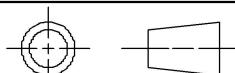


1	2	3	4	5	6	7	8
A							



ALL FILLETS, ROUNDS, AND CHAMFERS 0.03in TYP
MATERIAL: STEEL
SURFACE FINISH: 125µin
DIMENSIONS OF X.X HAVE A TOLERANCE OF ±0.01
DIMENSIONS OF X.XX HAVE A TOLERANCE OF ±0.03
DIMENSIONS OF X.XXX HAVE A TOLERANCE OF ±0.005

ALL DIMENSIONS IN INCHES



FIRST ISSUED	12/9/2025	TITLE	MAIN BEARING SUPPORT
DRAWN BY	AB		
CHECKED BY	IM		
APPROVED BY	Lauren John		
SIZE	DRG NO.		SHEET REV
B	main_bearing_support	A	
SCALE 1:1			SHEET 1 OF 1

1	2	3	4	5	6	7	B

1

2

3

4

5

REV	CHANGE	DATE	APP

A

A

2X \emptyset 0.177 THRU
 \checkmark \emptyset 0.207 X 90°

.541 TYP

\emptyset .250 TYP
 \downarrow 0.3875

.312
TYP

2.25

\emptyset .500 THRU

1.125
 \downarrow
 \downarrow
 \downarrow
 \downarrow
 \downarrow

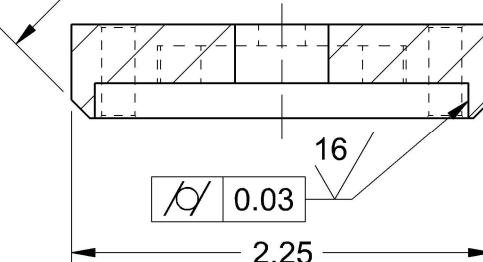
2X \emptyset 0.25 THRU

.500
 \downarrow
 \downarrow
 \downarrow
 \downarrow
 \downarrow

.250

\emptyset 2.00 \downarrow 0.1875

.100 X 45°



SECTION A-A

PART THICKNESS: 0.5in

ALL FILLETS, ROUNDS, AND CHAMFERS 0.03in TYP

MATERIAL: STEEL

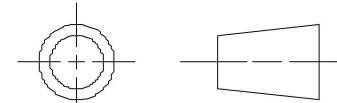
SURFACE FINISH: 125 μ in

DIMENSIONS OF X.X HAVE A TOLERANCE OF ± 0.01

DIMENSIONS OF X.XX HAVE A TOLERANCE OF ± 0.03

DIMENSIONS OF X.XXX HAVE A TOLERANCE OF ± 0.005

ALL DIMENSIONS IN INCHES



TITLE

VALVE DRAWING

SIZE

A

DRG NO.

valve

A

SCALE 1:1

SHEET 1 OF 1

1

2

3

4

A(Horiz)

1

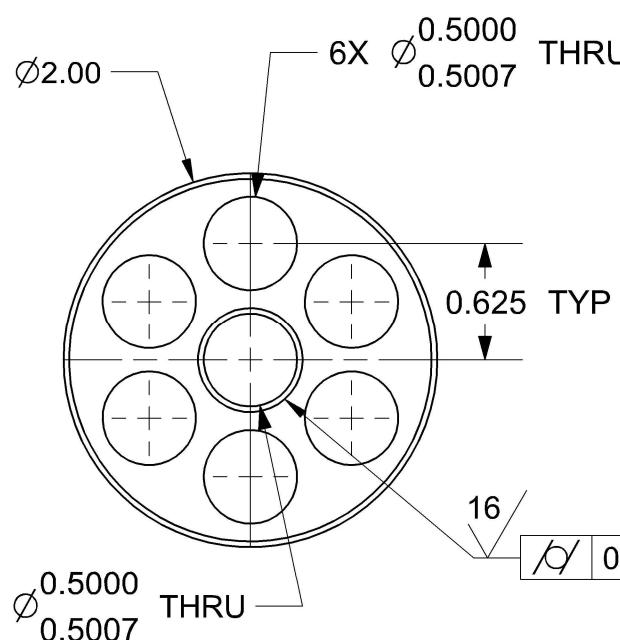
2

3

4

5

A

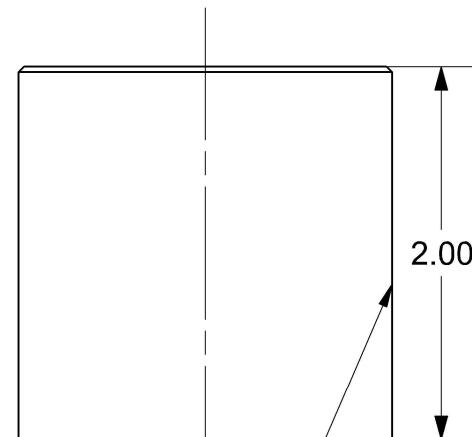


B

Ø 0.5000
0.5007 THRU

16
Ø 0.03

C



2.00

16
Ø 0.03

REV

CHANGE

DATE

APP

A

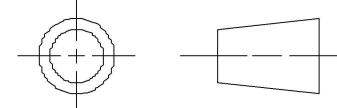
B

C

D

ALL CHAMFERS 0.03in
MATERIAL: STEEL
SURFACE FINISH: 64µin
DIMENSIONS OF X.X HAVE A TOLERANCE OF ±0.01
DIMENSIONS OF X.XX HAVE A TOLERANCE OF ±0.03
DIMENSIONS OF X.XXX HAVE A TOLERANCE OF ±0.005

ALL DIMENSIONS IN INCHES



FIRST ISSUED

12/9/2025

DRAWN BY

AB

CHECKED BY

IM

APPROVED BY

Lauren Selin

TITLE

CYLINDER

SIZE

A

DRG NO. cylinder

SHEET REV

A

SCALE 1:1

SHEET 1 OF 1

1

2

3

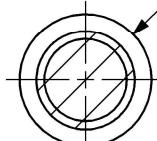
4

A(Horiz)

1 2 3 4 5 6 7 8

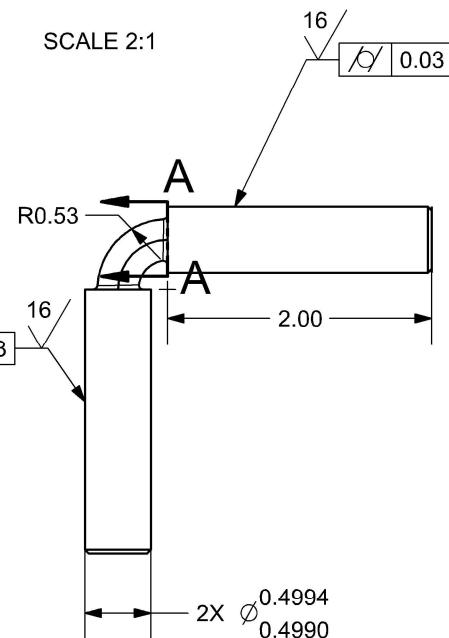
REV	CHANGE	DATE	APP

A

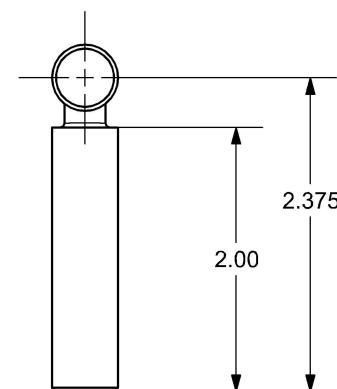


SECTION A-A

SCALE 2:1



B



C

ALL FILLETS, CHAMFERS, AND ROUNDS TYP 0.03

MATERIAL: STEEL

SURFACE FINISH: 125 μ in

DIMENSIONS OF X.X HAVE A TOLERANCE OF ± 0.01

DIMENSIONS OF X.XX HAVE A TOLERANCE OF ± 0.03

DIMENSIONS OF X.XXX HAVE A TOLERANCE OF ± 0.005

D

ALL DIMENSIONS IN INCHES

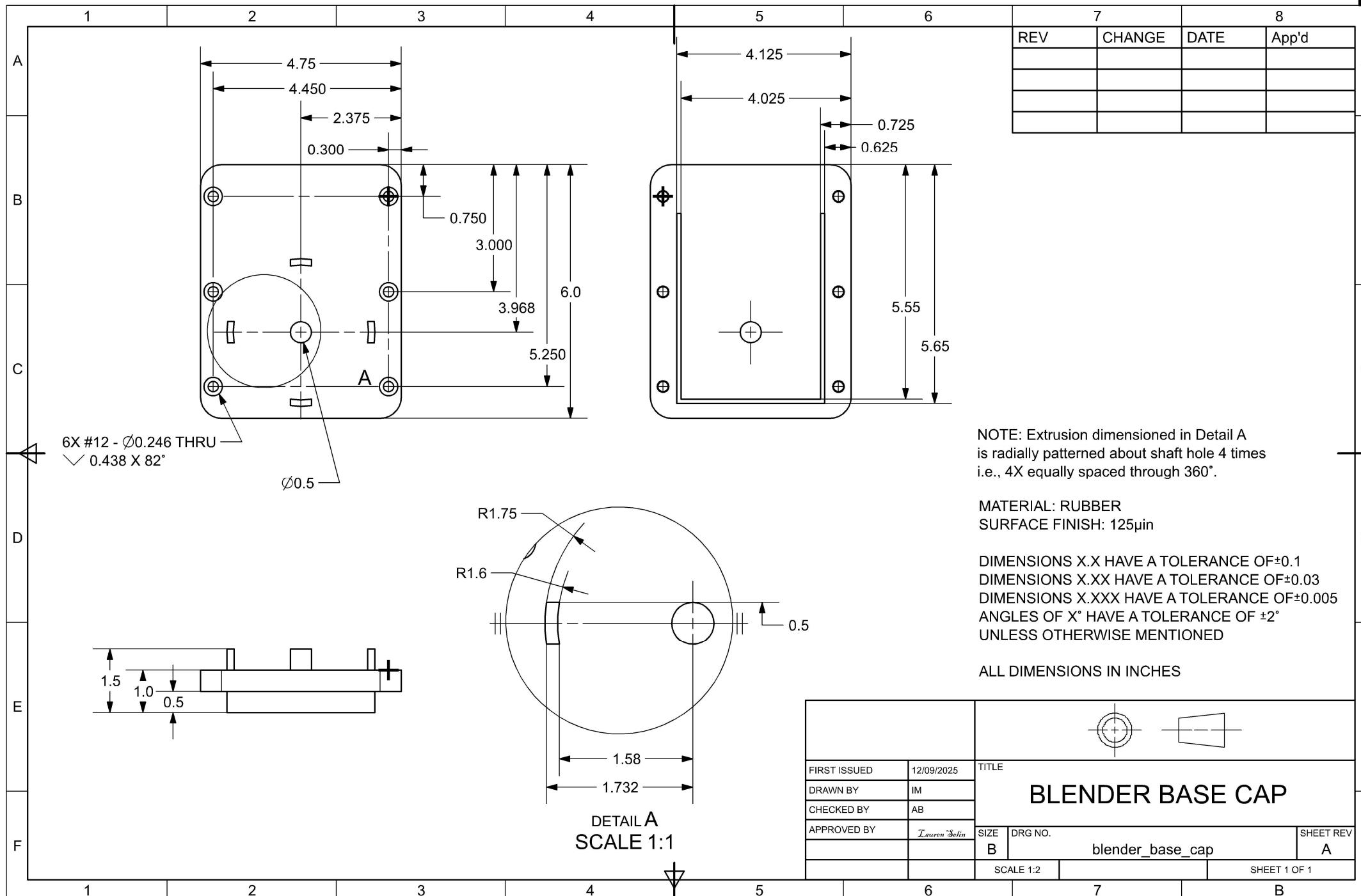
E

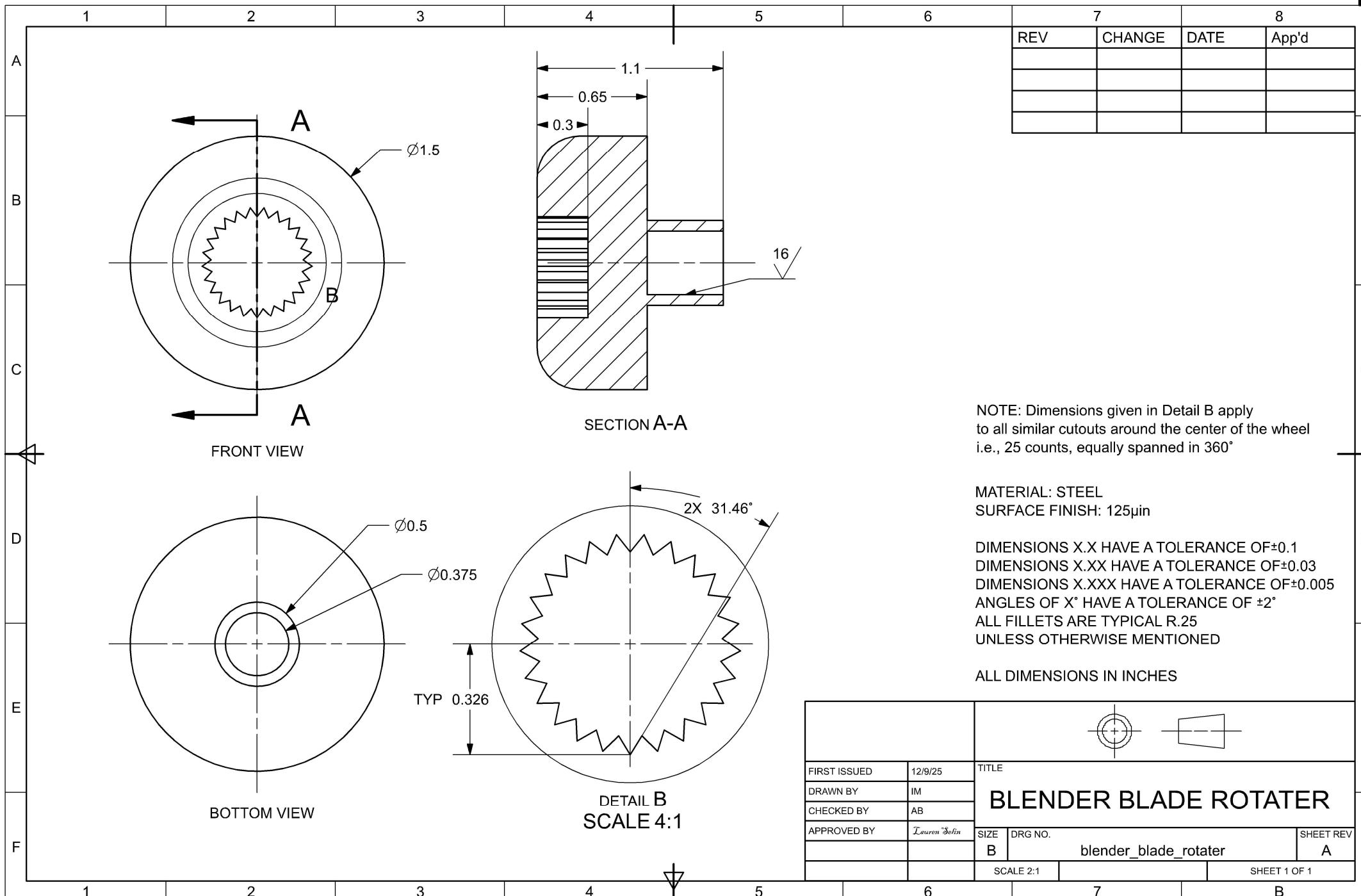
FIRST ISSUED	12/9/2025	TITLE
DRAWN BY	AB	PISTON DRAWING
CHECKED BY	IM	
APPROVED BY	Lauren Sofin	SIZE DRG NO.
		B piston A
	SCALE 1:1	
		SHEET REV 1 OF 1

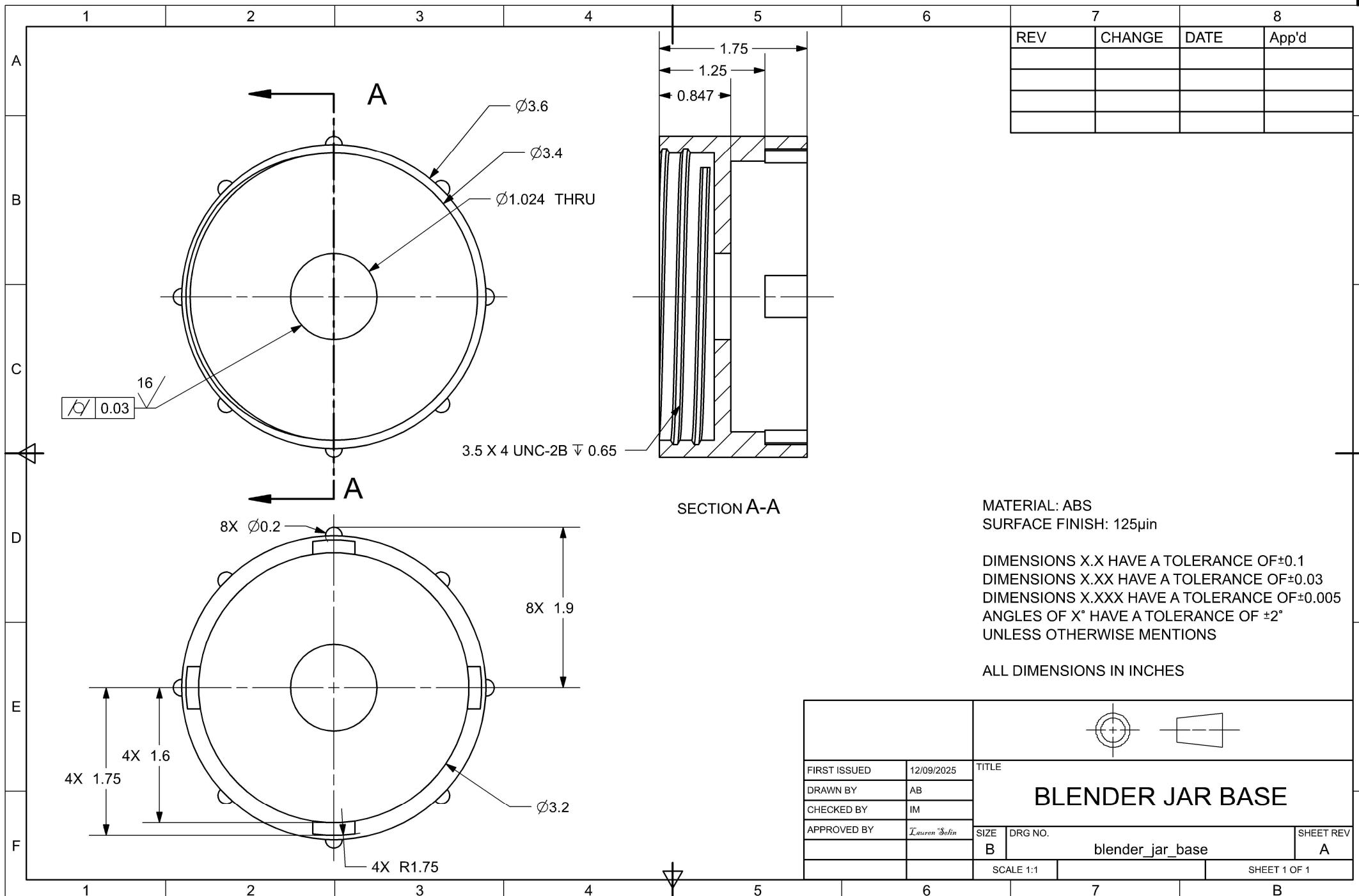
F

1 2 3 4 5 6 7 8

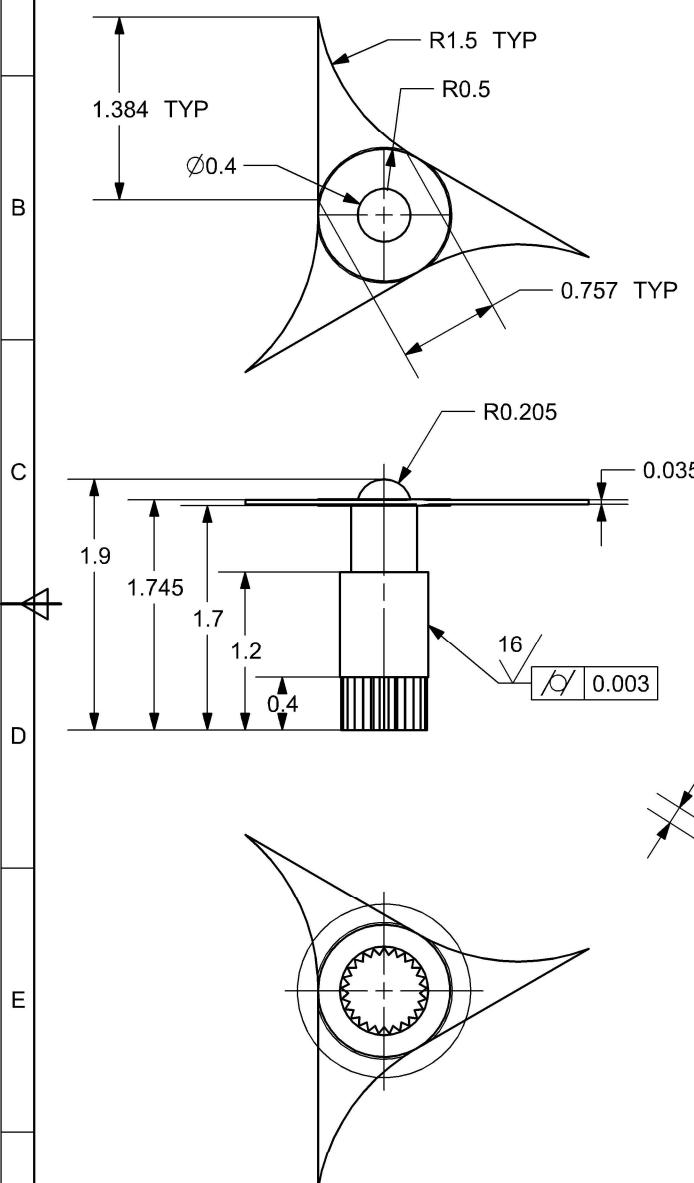








REV	CHANGE	DATE	APP



BLADE PATTERN ROTATED 3X THROUGH 360° EQUALLY SPACED

ALL FILLETS, ROUNDS, AND CHAMFERS 0.03in TYP

MATERIAL: STEEL

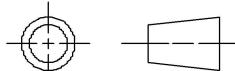
SURFACE FINISH: 125 μ in

DIMENSIONS OF X.X HAVE A TOLERANCE OF ± 0.01

DIMENSIONS OF X.XX HAVE A TOLERANCE OF ± 0.03

DIMENSIONS OF X.XXX HAVE A TOLERANCE OF ± 0.005

ALL DIMENSIONS IN INCHES



DETAIL A
SCALE 2:1

				
FIRST ISSUED	12/9/2025	TITLE ARYA BLENDER BLADE		
DRAWN BY	AB			
CHECKED BY	IM			
APPROVED BY	<i>Lauren Sefin</i>			
		SIZE	DRG NO.	
		B	arya_blender_blade	SHEET RE
		SCALE 1:1		SHEET 1 OF 1

ARYA BLENDER BLADE

1 2 3 4 5 6 7

1	2	3	4	5	6	7	8
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