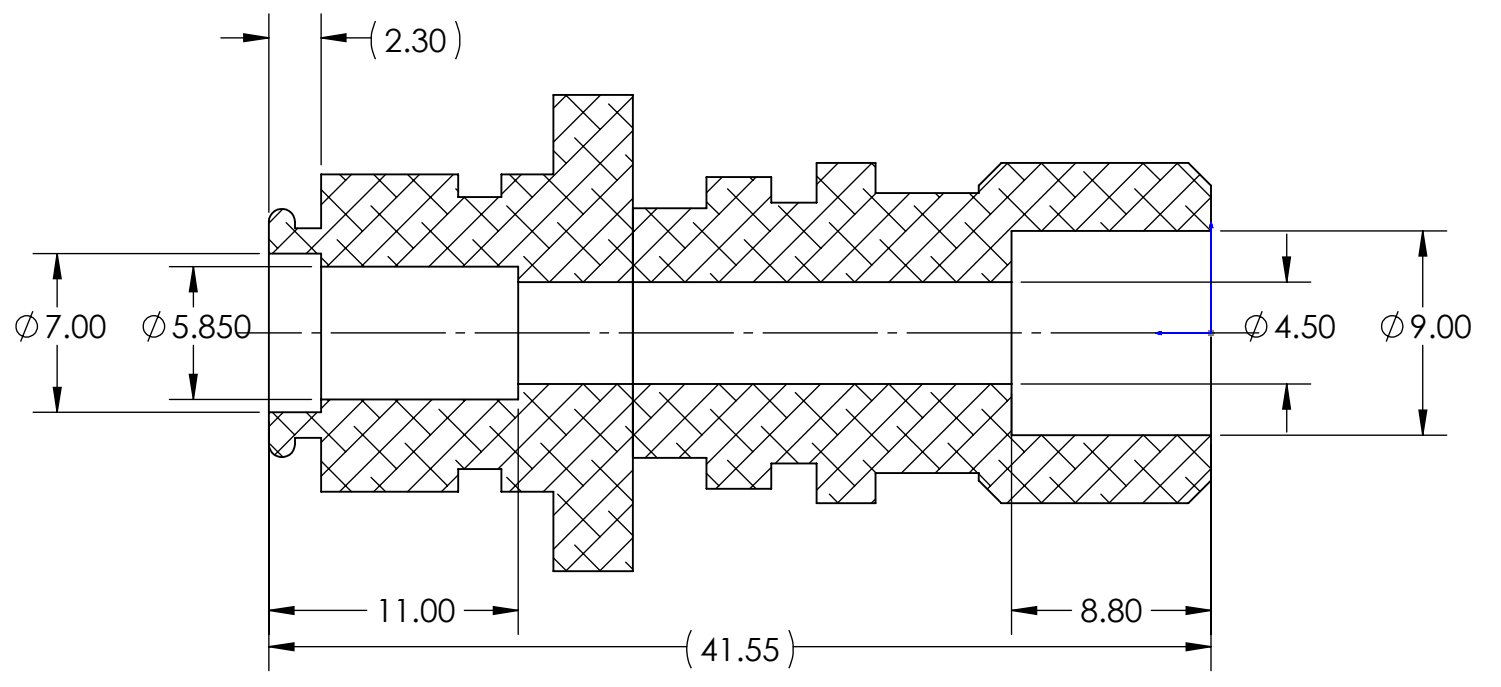
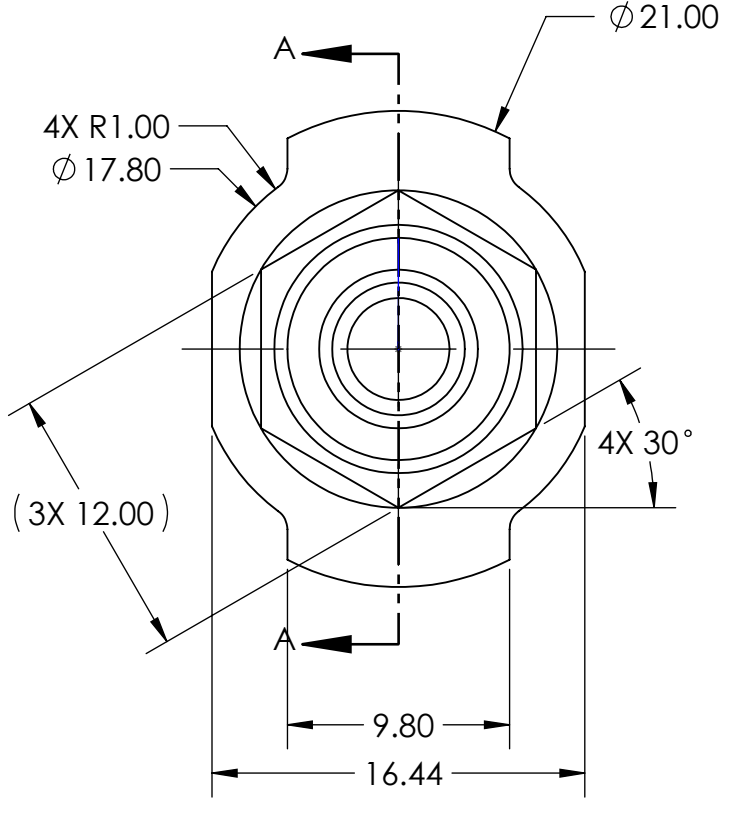
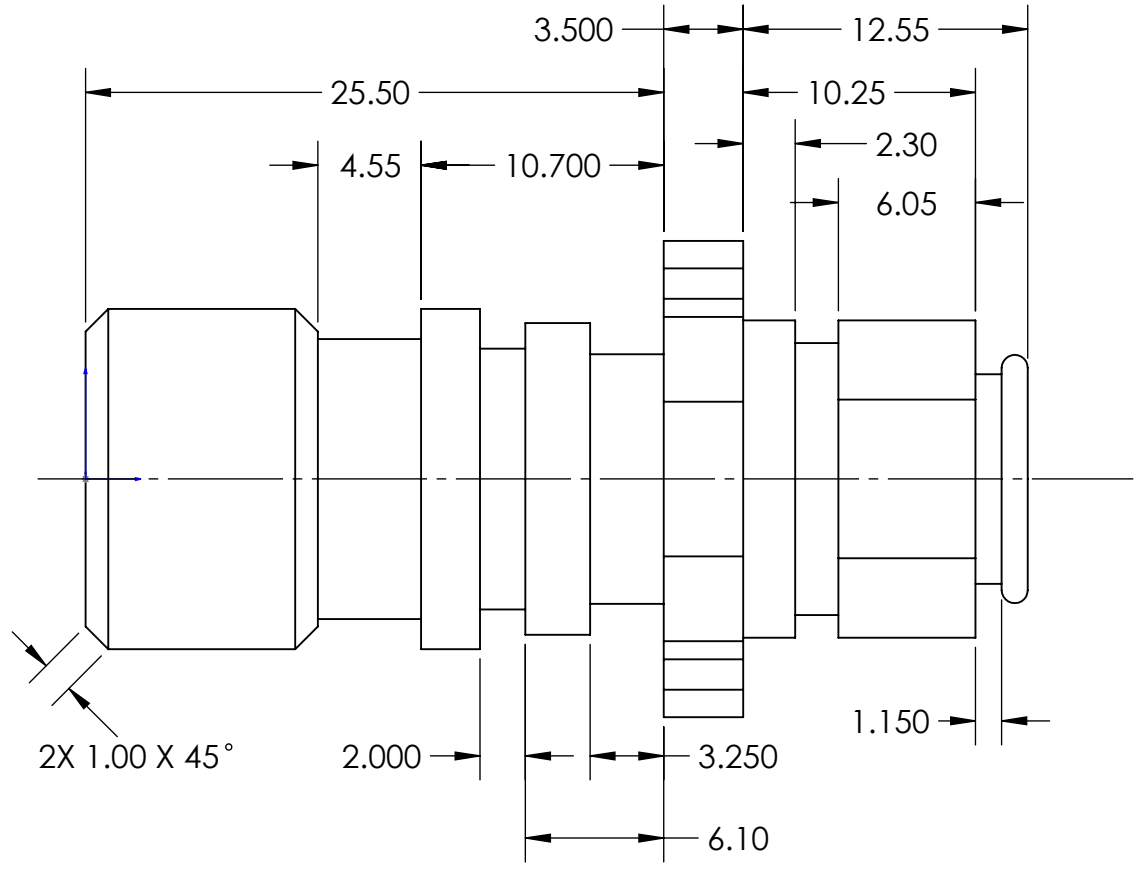


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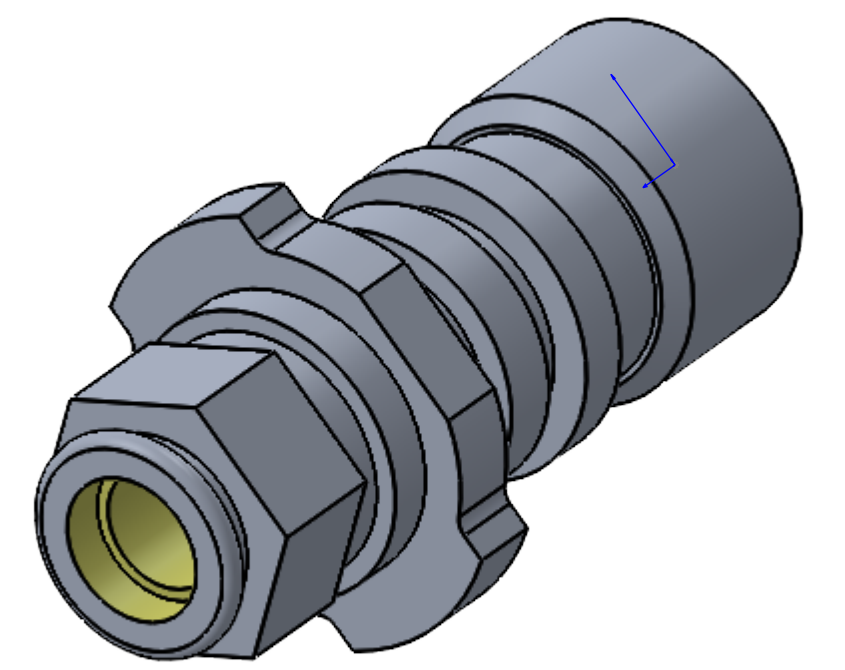
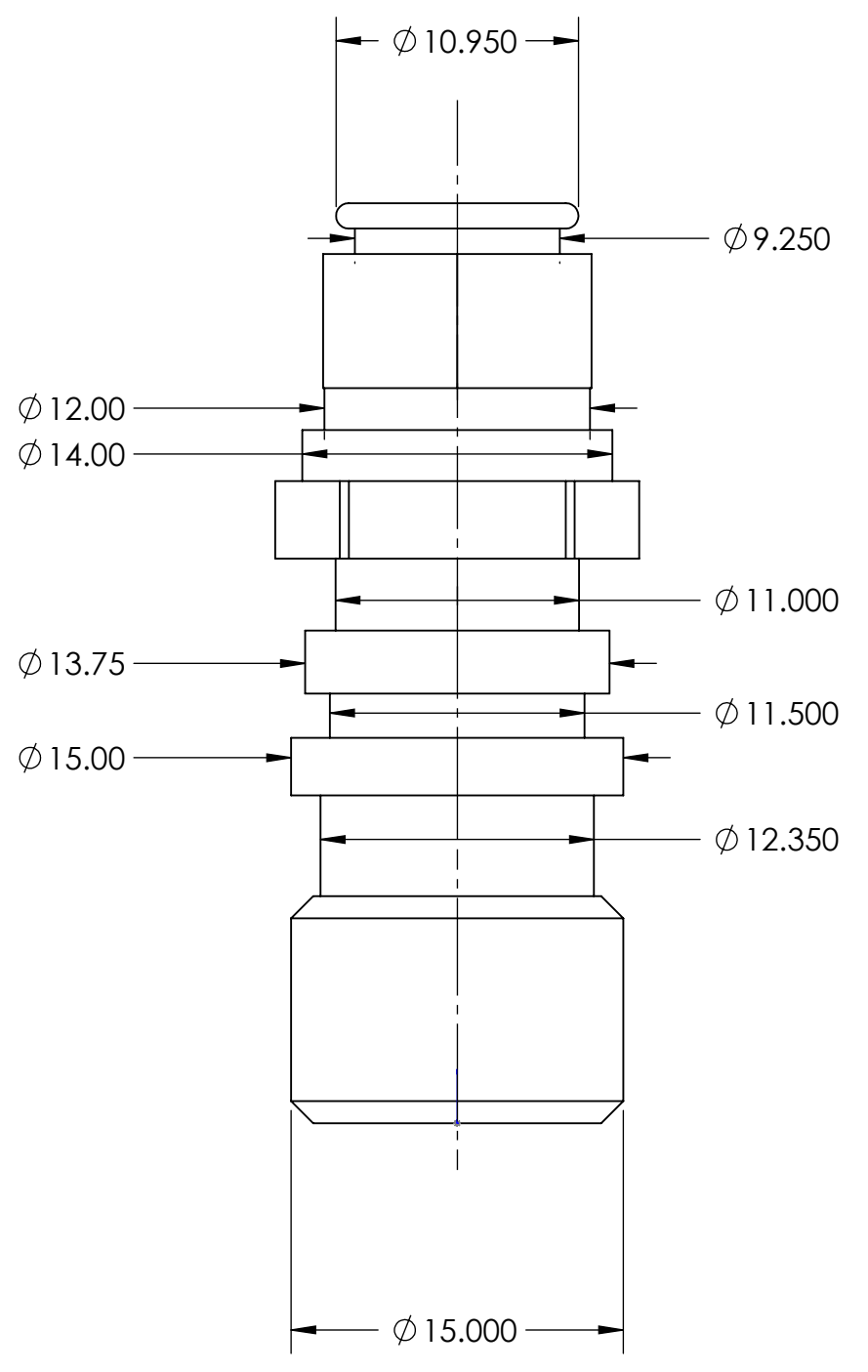
3

2

1



SECTION A-A
SCALE 3:1



BOSTON UNIVERSITY COLLEGE OF ENGINEERING

DIMENSIONS ARE IN MM TOLERANCES EXCEPT AS NOTED		COURSE	ME357	SECTION	A1	TITLE	CAM	
.X	±.75	DATE	10/1/2023		NUMBER			
.XX	±.38	NAME	ADAM YANAI		P0006			
.XXX	±.100	EMAIL	AYANAI@BU.EDU		FILENAME			
ANGLE	±1°	MATERIAL	6061 ALUMINUM		CAM			
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2018		FINISH	YELLOW ANODIZE		SCALE 3:1			
THIRD ANGLE PROJECTION		SIZE	C	UNITS	MM	REVISION	A	SHEET 1 OF 1

2

1

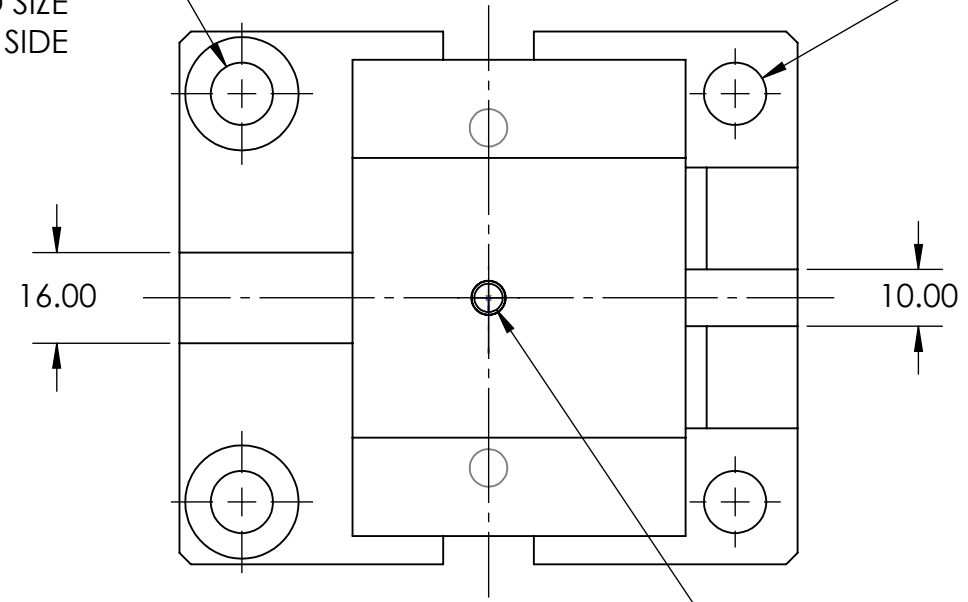
4

3

2

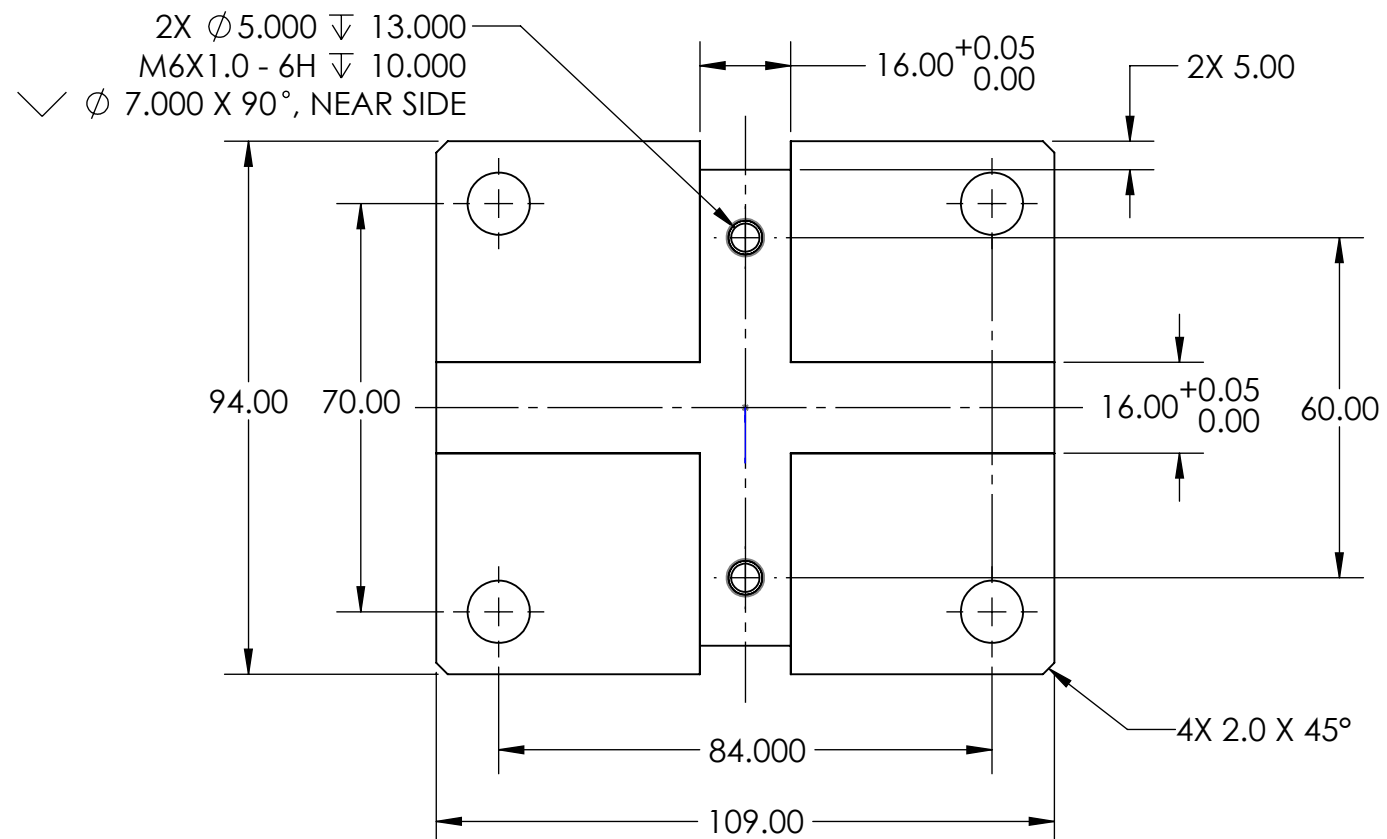
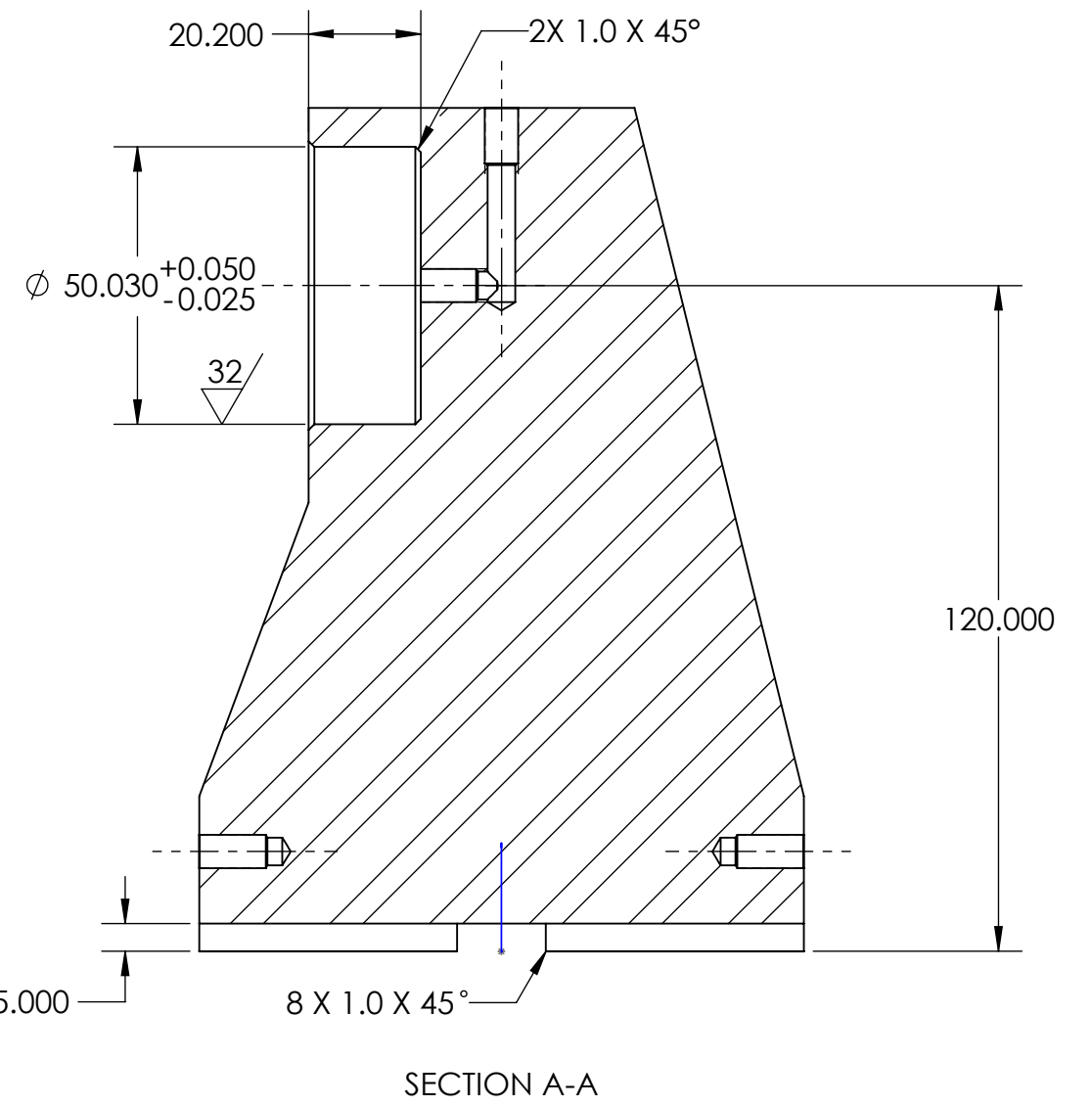
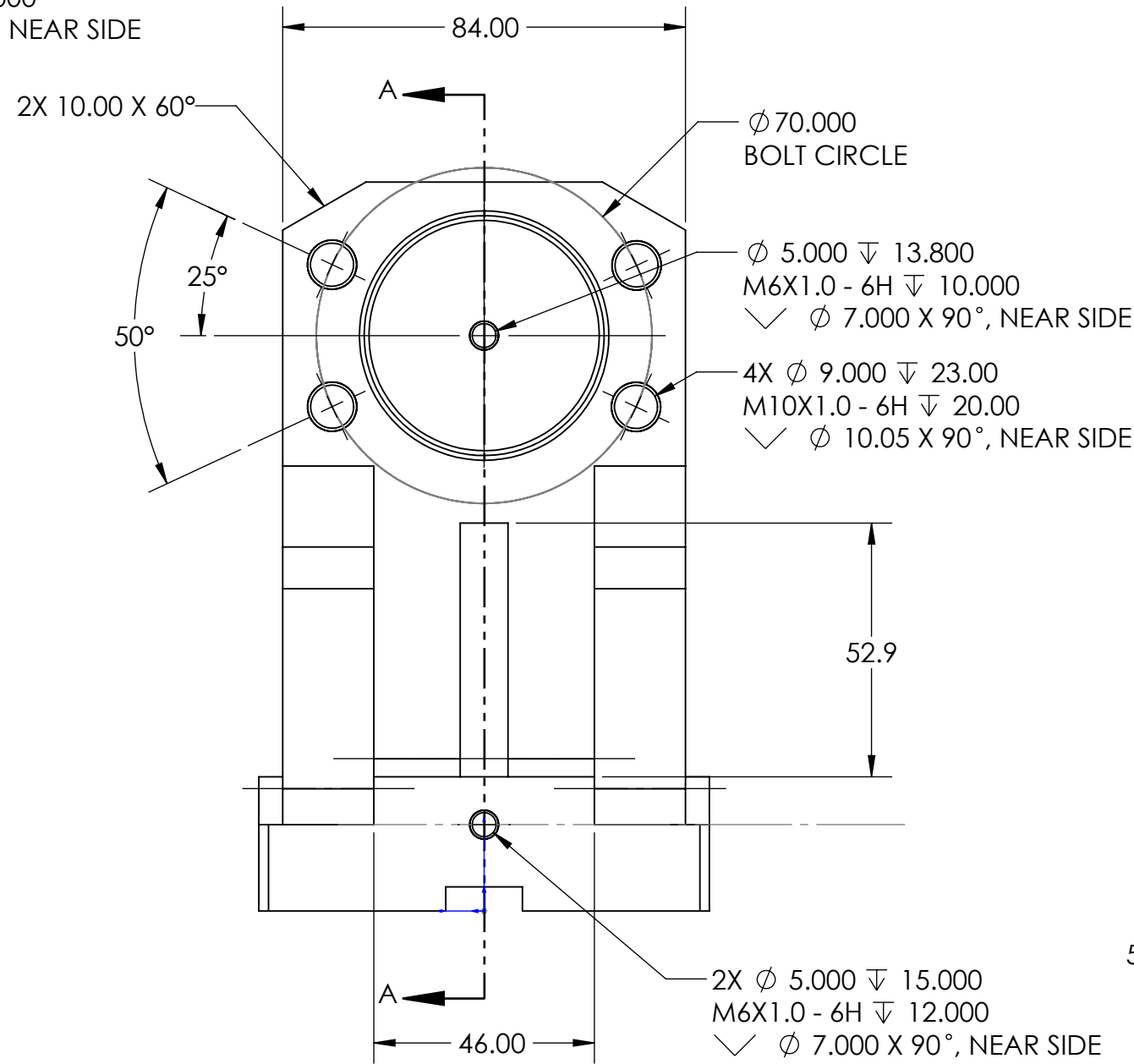
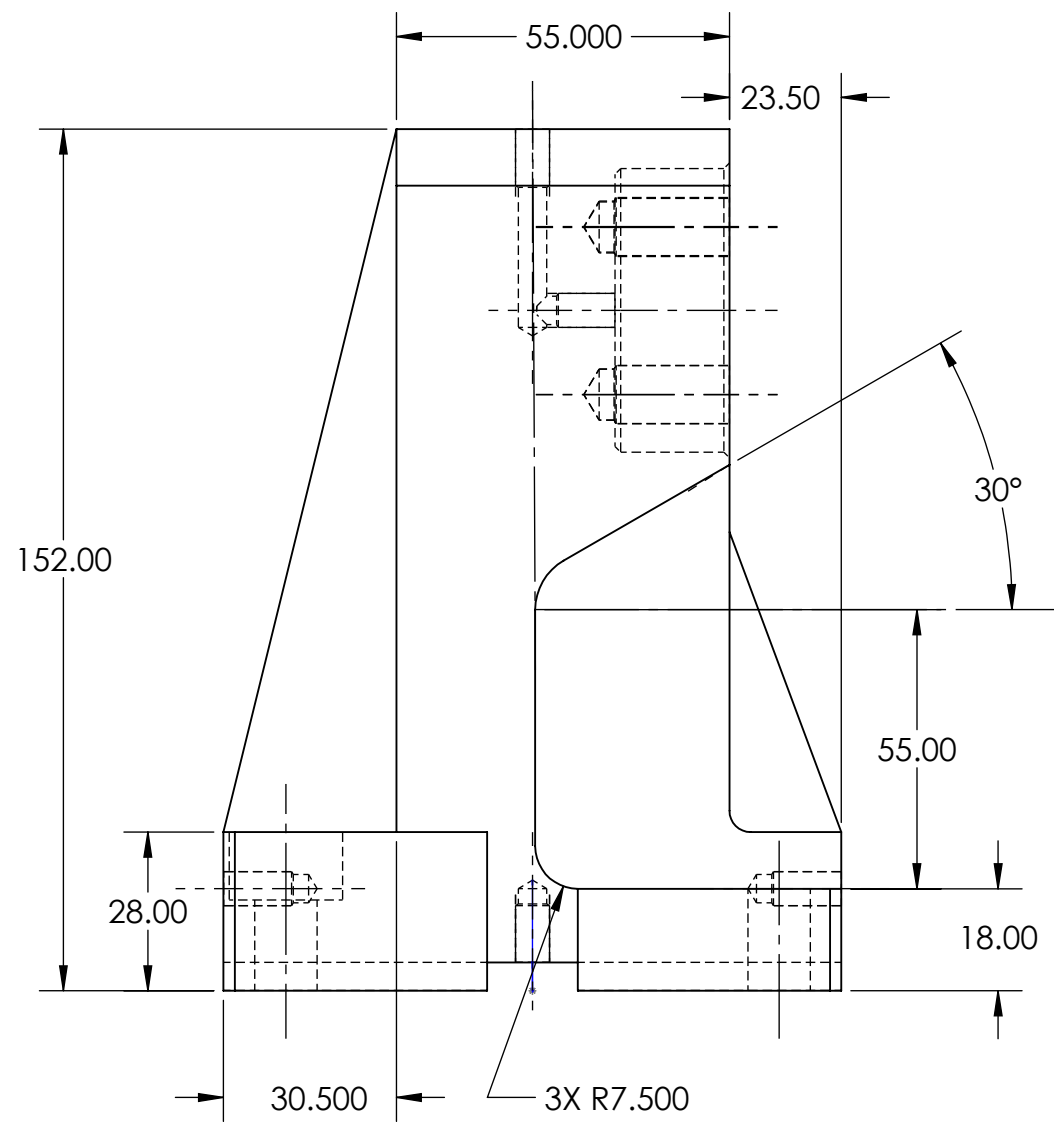
1

- 2X ϕ 11.000 THRU ALL
- ϕ 20.000 ∇ 12.00
- \surd ϕ 21.00 X 90°, NEAR SIDE
- \surd ϕ 12.00 X 90°, MID SIZE
- \surd ϕ 12.00 X 90°, FAR SIDE

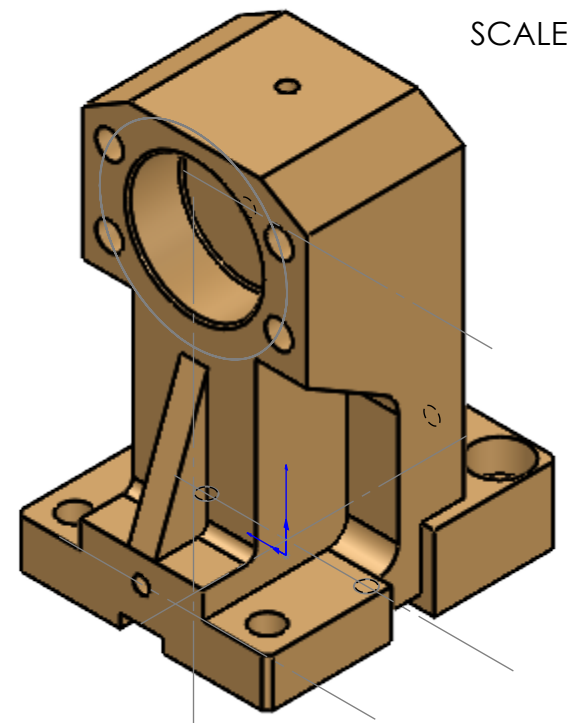


- 2X ϕ 11.000 THRU ALL
- \surd ϕ 12.00 X 90°, NEAR SIDE
- \surd ϕ 12.00 X 90°, FAR SIDE

- ϕ 5.000 ∇ 35.000
- M6X1.0 - 6H ∇ 10.000
- \surd ϕ 7.000 X 90°, NEAR SIDE



SCALE 1:2



NOTES:

- MIN SURFACE FINISH \surd 16/
- BREAK ALL SHARP EDGES NO MORE THAN .1MM
- BLACK OXIDE PER AMS 2485



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DIMENSIONS ARE IN MM TOLERANCES EXCEPT AS NOTED		COURSE	ME357	SECTION	A1	TITLE	BLOCK, GAUGE
.X	\pm .75	DATE	10/15/2023			NUMBER	P0002
.XX	\pm .38	NAME	ADAM YANAI			FILENAME	GAUGE BLOCK
.XXX	\pm .100	EMAIL	AYANAI@BU.EDU			SCALE	3:4
ANGLE	\pm 1°	MATERIAL	AISI 4130 STEEL			SHEET	1 OF 1
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2018		FINISH	BLACK OXIDE				
THIRD ANGLE PROJECTION		SIZE	C	UNITS	MM	REVISION	A

4

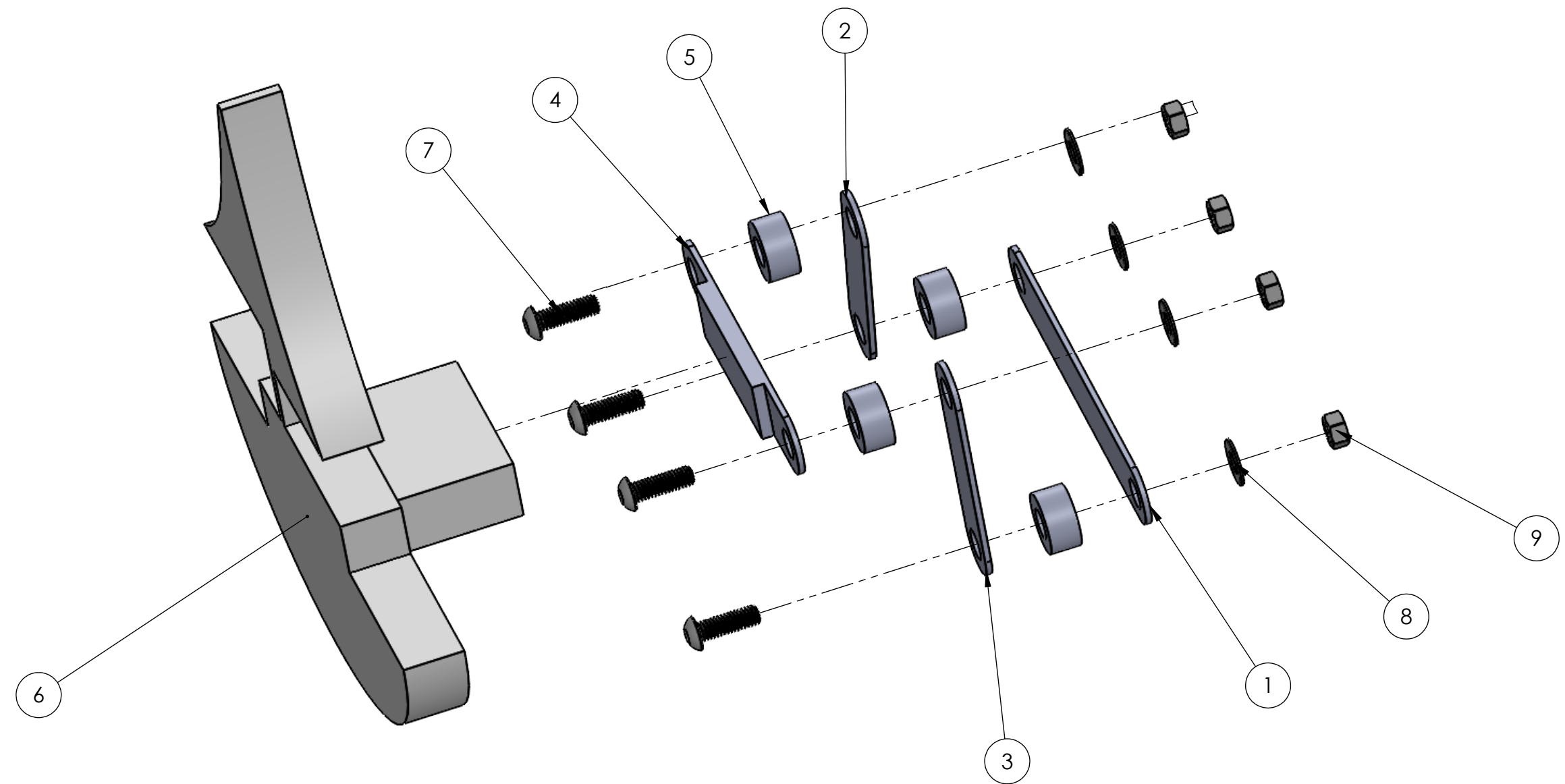
3

2

1

B

B



A

A

9	95462A030	18-8 Medium-Strength Steel Hex Nut	4
8	90107A030	316 Stainless Steel Washer	4
7	92949A582	18-8 Stainless Steel Button Head Hex Drive Screw	4
6	0006	Sailboat	1
5	0005	Spacers	4
4	0004	Crank Link	1
3	0003	Rocker Link	1
2	0002	Coupler	1
1	0001	Base Link	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.



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DIMENSIONS ARE IN INCHES TOLERANCES EXCEPT AS NOTED		COURSE	ME357	SECTION	A1	TITLE	4-BAR LINKAGE ASSEMBLY	
.X	±.03	DATE	11/10/2023		NUMBER R0004			
.XX	±.015	NAME	ADAM YANAI					
.XXX	±.005	EMAIL	AYANAI@BU.EDU		FILENAME ASSEM 4BAR DRAWING			
ANGLE	±1°	MATERIAL	N/A					
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2018		FINISH	N/A		SCALE 1:2			
THIRD ANGLE PROJECTION		SIZE	B	UNITS				

4

3

2

1

4

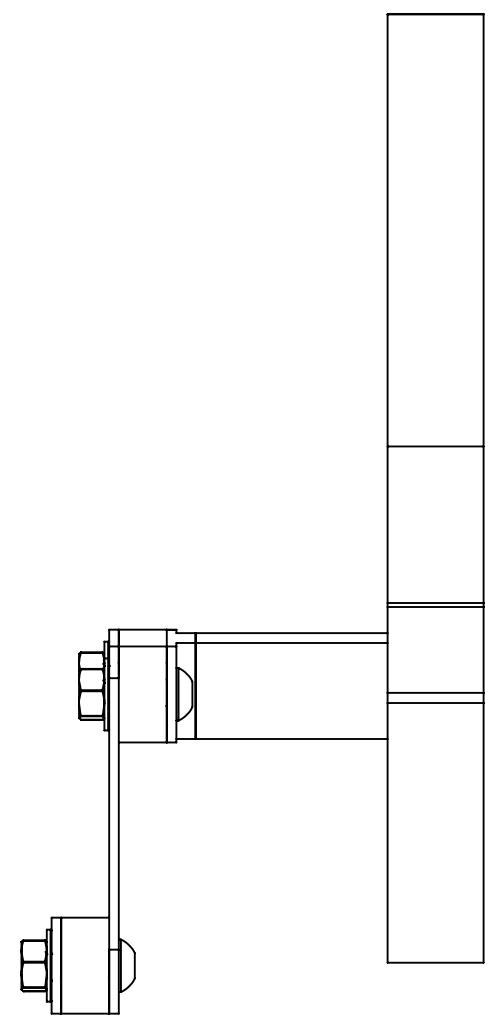
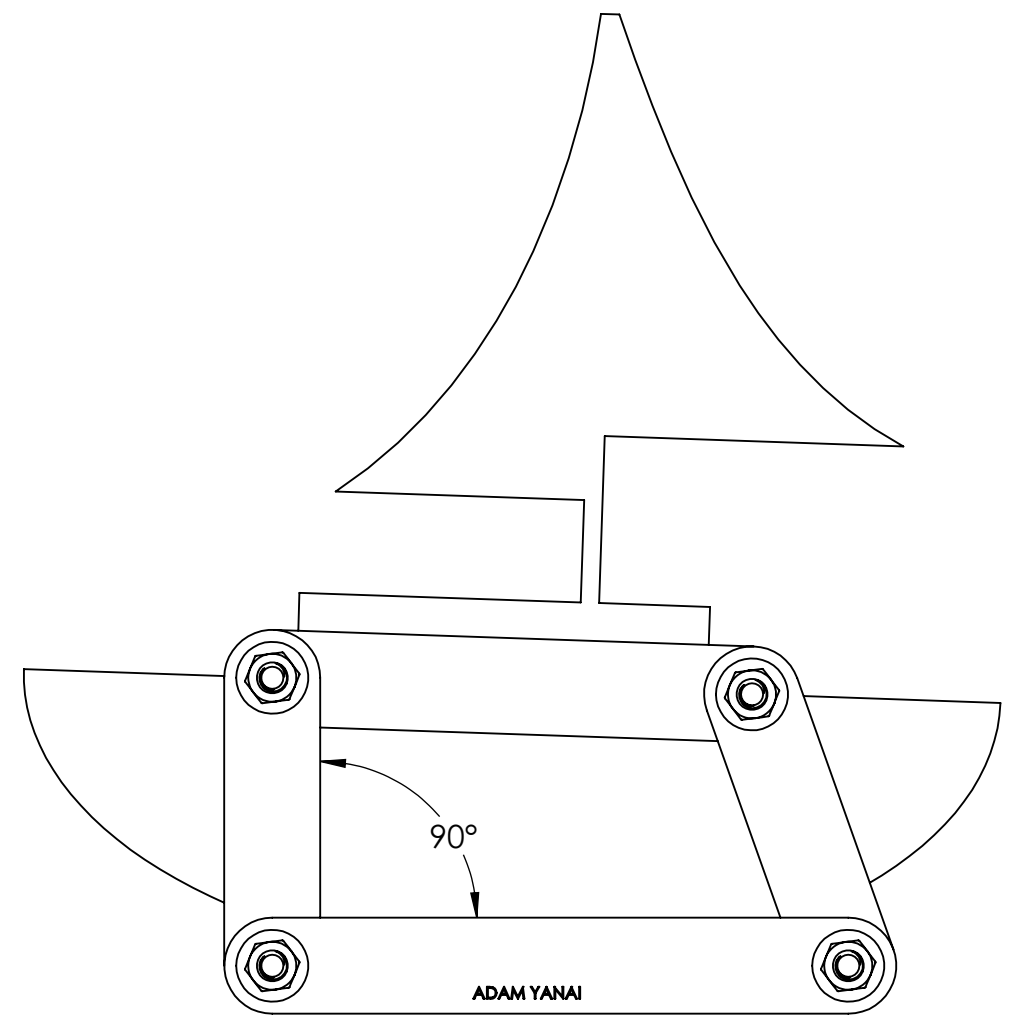
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2

1

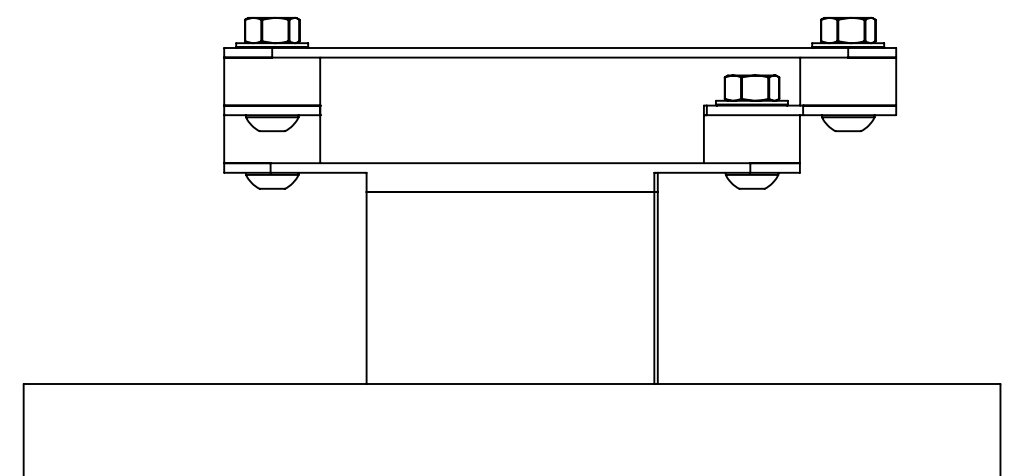
B

B



A

A



BOSTON UNIVERSITY **BOSTON UNIVERSITY COLLEGE OF ENGINEERING**

DIMENSIONS ARE IN INCHES TOLERANCES EXCEPT AS NOTED		COURSE	ME357	SECTION	A1	4-BAR LINKAGE ASSEMBLY	
.X	±.03	DATE	11/10/2023				
.XX	±.015	NAME	ADAM YANAI		NUMBER	R0004	
.XXX	±.005	EMAIL	AYANAI@BU.EDU				
ANGLE	±1°	MATERIAL	N/A		FILENAME	ASSEM 4BAR DRAWING	
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2018		FINISH	N/A				
THIRD ANGLE PROJECTION		SIZE	B	UNITS	INCH	REVISION	A
SCALE 1:2						SHEET 2 OF 2	

4

3

2

1