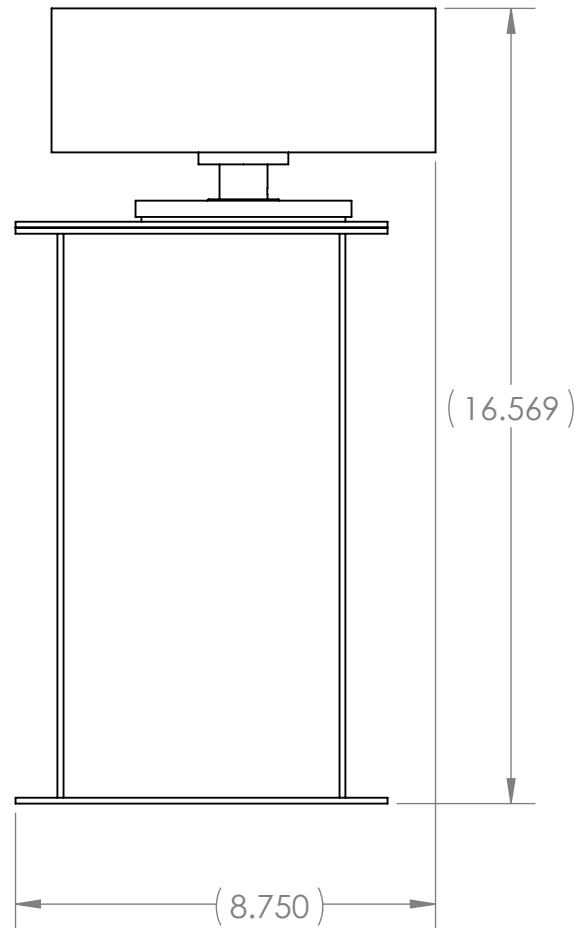
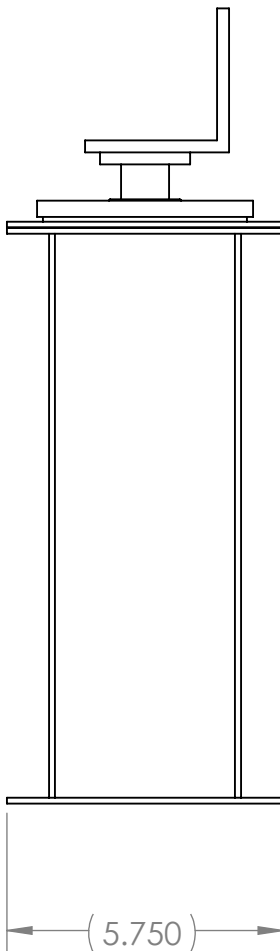
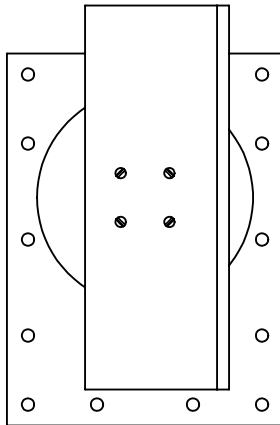


NOTE:

1. Clean & Degrease
2. Break Sharp Edges
3. Verify All Dimensions On Print



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DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGLES:  $\pm 1^\circ$  WHOLE:  $\pm .125$   
1PL  $\pm 0.05$  2PL  $\pm 0.01$   
3PL  $\pm 0.005$  4PL  $\pm 0.0005$   
MATERIAL:  
HARDNESS:  
FINISH:

	NAME	DATE
DRAWN	Kyle Forsythe	9/18/2020
CHECKED		
ENG APPR.		
COMMENTS:		
PROJECT #: 4157-44		

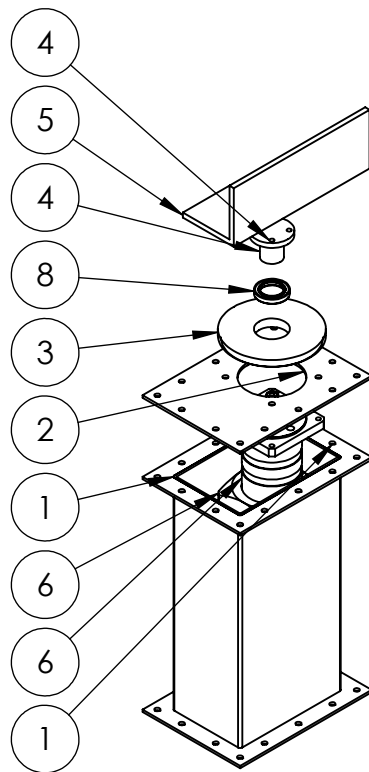


DESCRIPTION: SAS Indexing Table		
SIZE <b>A</b>	PART NUMBER: 4157-44-A1000	REV 0
SCALE: 1:8	WEIGHT: 17.08663548 lb	SHEET 1 OF 11

## NOTE:

1. Clean & Degrease
2. Break Sharp Edges
3. Verify All Dimensions On Print

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	4157-44-W1000	Tube Enclosure Weldment	1
2	4157-44-P1001	Mounting Flange	1
3	4157-44-P1002	Gearbox Bulkhead	1
4	4157-44-W1001		1
5	4157-44-P1009	SAS Angle Mount	1
6	pgcn34-5050		1
7	Schneider LMDXPM851		1
8	McMaster 5154T94		1

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DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGLES:  $\pm 1^\circ$  WHOLE:  $\pm .125$   
1PL  $\pm 0.05$  2PL  $\pm 0.01$   
3PL  $\pm 0.005$  4PL  $\pm 0.0005$   
MATERIAL:  
HARDNESS:  
FINISH:

	NAME	DATE
DRAWN	Kyle Forsythe	9/18/2020
CHECKED		
ENG APPR.		
COMMENTS:		
PROJECT #: 4157-44		



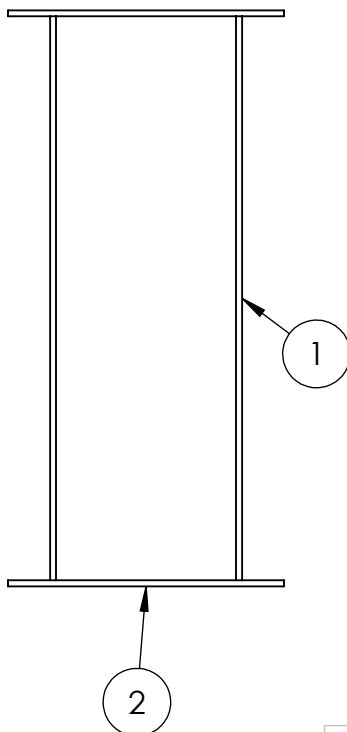
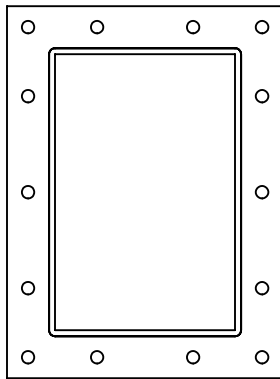
DESCRIPTION: SAS Indexing Table

SIZE <b>A</b>	PART NUMBER: 4157-44-A1000	REV 0
SCALE: 1:8	WEIGHT: 17.08663548 lb	SHEET 2 OF 11

## NOTE:

1. Clean & Degrease
2. Break Sharp Edges
3. Verify All Dimensions On Print

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	4157-44-P1006	Tube Section	1
2	4157-44-P1007	Mounting Flange	2

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DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGLES:  $\pm 1^\circ$  WHOLE:  $\pm .125$   
1PL  $\pm 0.05$  2PL  $\pm 0.01$   
3PL  $\pm 0.005$  4PL  $\pm 0.0005$   
MATERIAL:  
HARDNESS:  
FINISH:

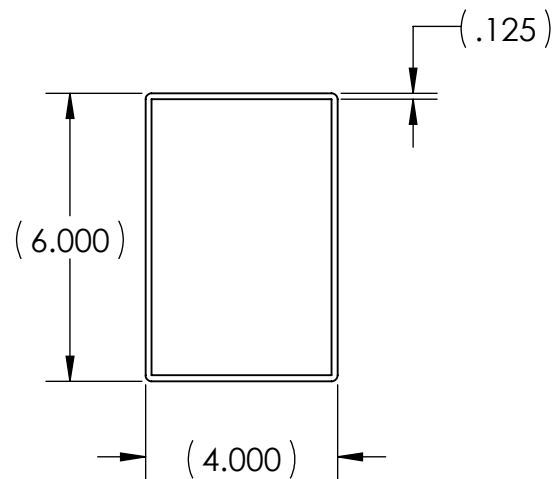
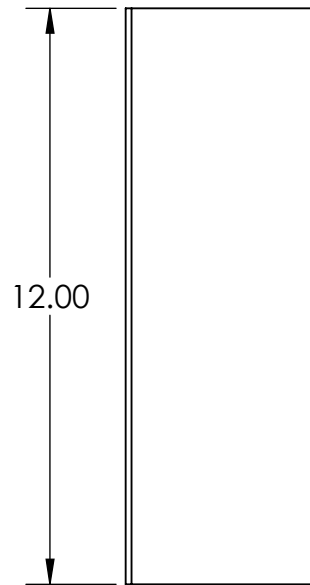
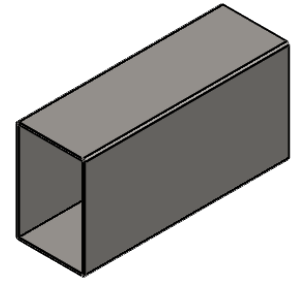
	NAME	DATE
DRAWN	Kyle Forsythe	9/4/2020
CHECKED		
ENG APPR.		
COMMENTS:		
PROJECT #: 4157-44		



DESCRIPTION: Tube Enclosure Weldment		
SIZE <b>A</b>	PART NUMBER: 4157-44-W1000	REV 0
SCALE: 1:8	WEIGHT: 9.84032781 lb	SHEET 3 OF 11

NOTE:

1. Clean & Degrease
2. Break Sharp Edges
3. Verify All Dimensions On Print



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DIMENSIONS ARE IN INCHES	
TOLERANCES:	
ANGLES: $\pm 1^\circ$ WHOLE: $\pm .125$	
1PL $\pm 0.05$	2PL $\pm 0.01$
3PL $\pm 0.005$	4PL $\pm 0.0005$
MATERIAL:	AISI 304
HARDNESS:	N/A
FINISH:	N/A

	NAME	DATE
DRAWN	Kyle Forsythe	9/4/2020
CHECKED		
ENG APPR.		

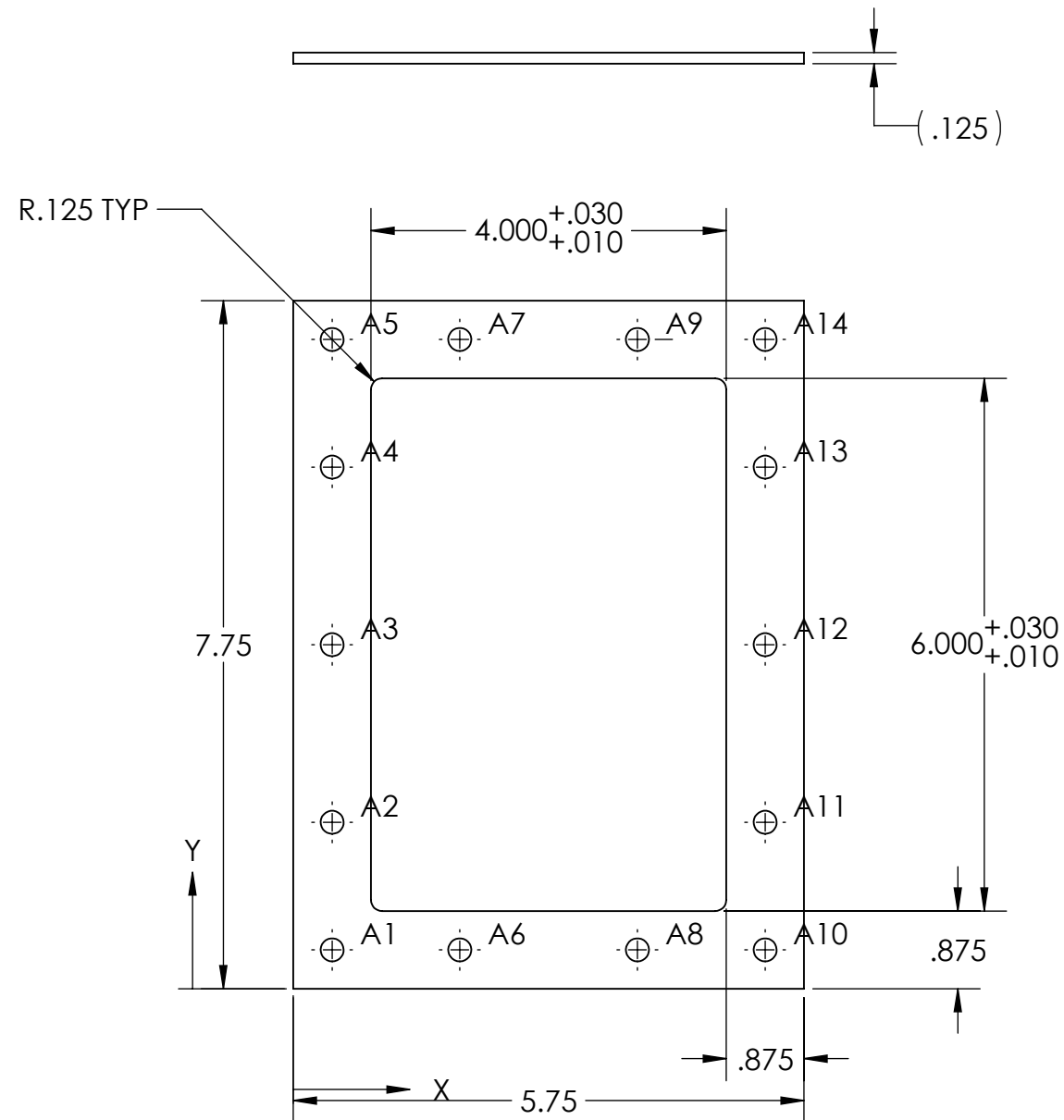
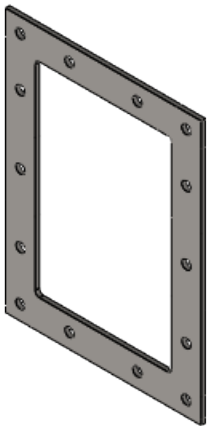
COMMENTS:

PROJECT #: 4157-43



DESCRIPTION: Tube Section		
SIZE <b>A</b>	PART NUMBER: 4157-44-P1006	REV 0
SCALE: 1:8	WEIGHT: 8.40726606 lb	SHEET 4 OF 11

- NOTE:
1. Clean & Degrease
  2. Break Sharp Edges
  3. Verify All Dimensions On Print



TAG	X LOC	Y LOC	SIZE
A1	.438	.438	Ø .260 THRU
A2	.438	1.875	
A3	.438	3.875	
A4	.438	5.875	
A5	.438	7.313	
A6	1.875	.438	
A7	1.875	7.313	
A8	3.875	.438	
A9	3.875	7.313	
A10	5.313	.438	
A11	5.313	1.875	
A12	5.313	3.875	
A13	5.313	5.875	
A14	5.313	7.313	

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WITHOUT THE WRITTEN PERMISSION OF  
THE AMC OR CLIENT IS  
PROHIBITED.

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGLES: ± 1° WHOLE: ± .125  
1PL ±0.05 2PL ±0.01  
3PL ±0.005 4PL ±0.0005  
MATERIAL: AISI 304  
HARDNESS: N/A  
FINISH: N/A

NAME	DATE
Kyle Forsythe	9/11/2020
CHECKED	
ENG APPR.	

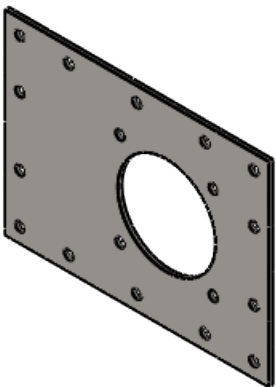
COMMENTS:

PROJECT #: 4157-44

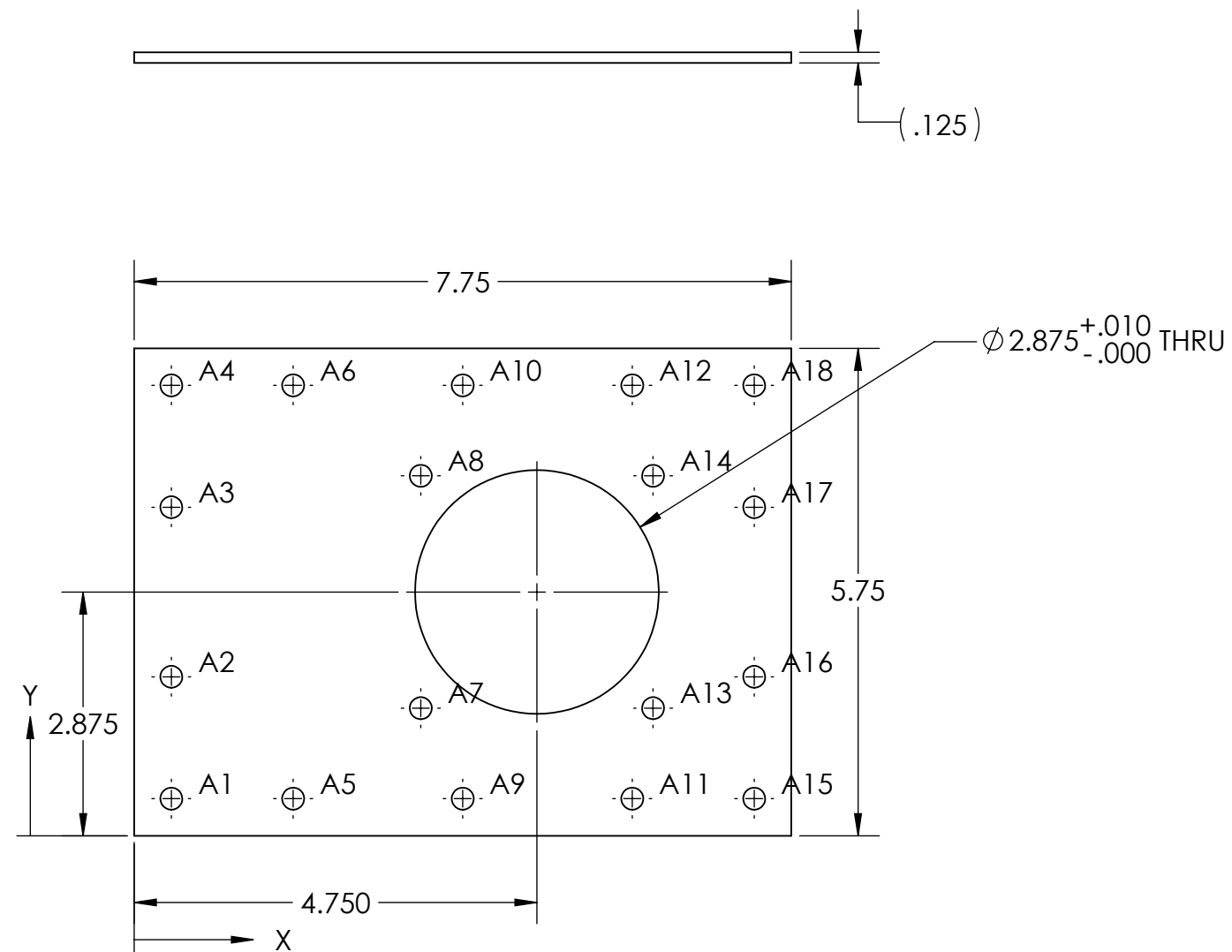


DESCRIPTION: Mounting Flange

SIZE <b>B</b>	PART NUMBER: 4157-44-P1007	REV 0
SCALE: 1:8	WEIGHT: 0.71653088 lb	SHEET 5 OF 11



- NOTE:
1. Clean & Degrease
  2. Break Sharp Edges
  3. Verify All Dimensions On Print



TAG	X LOC	Y LOC	SIZE
A1	.438	.438	Ø .260 THRU
A2	.438	1.875	
A3	.438	3.875	
A4	.438	5.313	
A5	1.875	.438	
A6	1.875	5.313	
A7	3.380	1.505	
A8	3.380	4.245	
A9	3.875	.438	
A10	3.875	5.313	
A11	5.875	.438	
A12	5.875	5.313	
A13	6.120	1.505	
A14	6.120	4.245	
A15	7.313	.438	
A16	7.313	1.875	
A17	7.313	3.875	
A18	7.313	5.313	

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DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGLES:  $\pm 1^\circ$  WHOLE:  $\pm .125$   
1PL  $\pm 0.05$  2PL  $\pm 0.01$   
3PL  $\pm 0.005$  4PL  $\pm 0.0005$

MATERIAL: AISI 304

HARDNESS: N/A

FINISH: N/A

NAME	DATE
DRAWN Kyle Forsythe	9/11/2020
CHECKED	
ENG APPR.	

COMMENTS:

PROJECT #: 4157-44

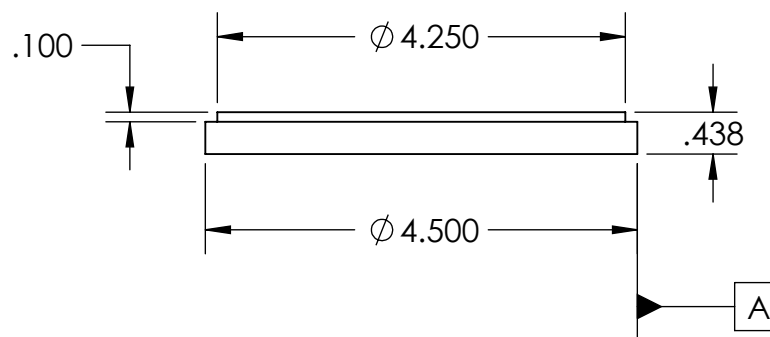
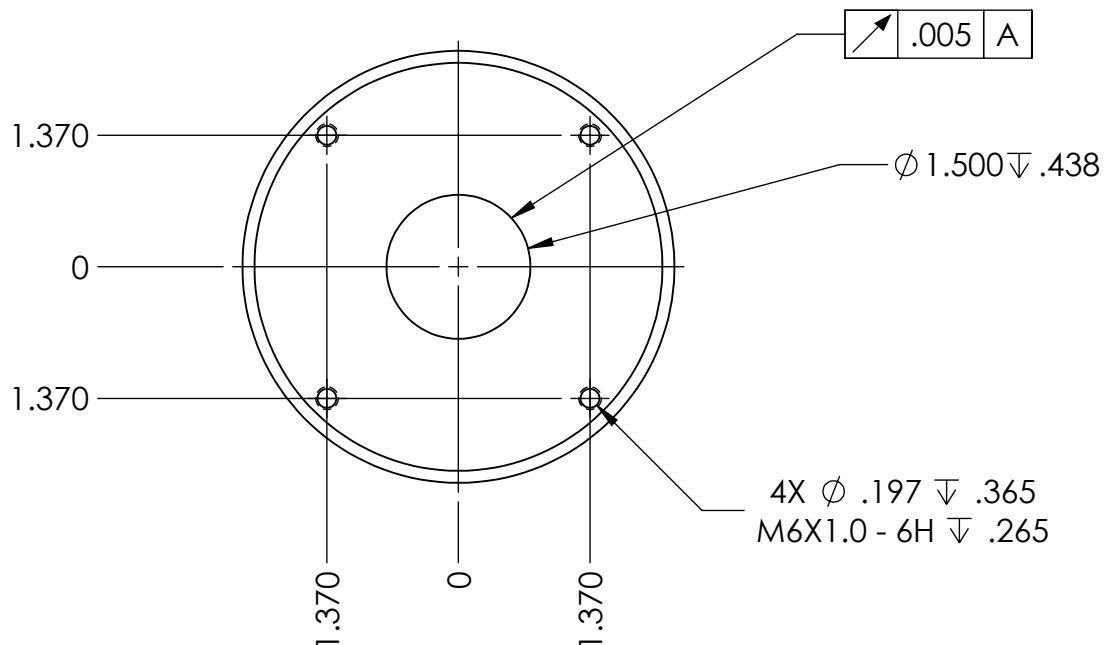
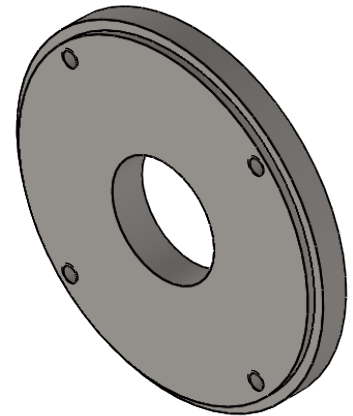


DESCRIPTION: Mounting Flange

SIZE B	PART NUMBER: 4157-44-P1001	REV 0
SCALE: 1:8	WEIGHT: 1.34090663 lb	SHEET 6 OF 11

NOTE:

1. Clean & Degrease
2. Break Sharp Edges
3. Verify All Dimensions On Print



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DIMENSIONS ARE IN INCHES	
TOLERANCES:	
ANGLES: $\pm 1^\circ$ WHOLE: $\pm .125$	
1PL $\pm 0.05$	2PL $\pm 0.01$
3PL $\pm 0.005$	4PL $\pm 0.0005$
MATERIAL:	ALSI 304
HARDNESS:	N/A
FINISH:	N/A

	NAME	DATE
DRAWN	Kyle Forsythe	9/4/2020
CHECKED		
ENG APPR.		

COMMENTS:

PROJECT #: 4157-44

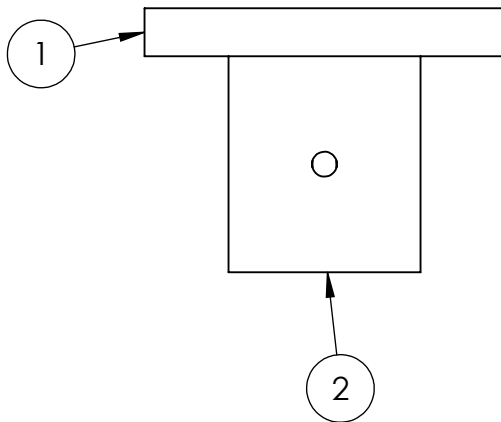
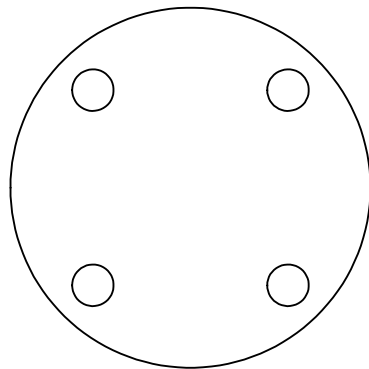
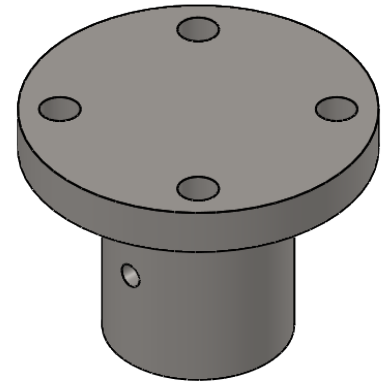


DESCRIPTION: Gearbox Bulkhead

SIZE	PART NUMBER: 4157-44-P1002	REV
A		0
SCALE: 1:8	WEIGHT: 1.72439009 lb	SHEET 7 OF 11

NOTE:

1. Clean & Degrease
2. Break Sharp Edges
3. Verify All Dimensions On Print



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	4157-44-P1010	Mounting Flange	1
2	4157-44-P1013	Gearbox Hub	1

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DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGLES:  $\pm 1^\circ$  WHOLE:  $\pm .125$   
1PL  $\pm 0.05$  2PL  $\pm 0.01$   
3PL  $\pm 0.005$  4PL  $\pm 0.0005$   
MATERIAL:  
HARDNESS:  
FINISH:

NAME	DATE
DRAWN	
CHECKED	
ENG APPR.	
COMMENTS:	
PROJECT #:	

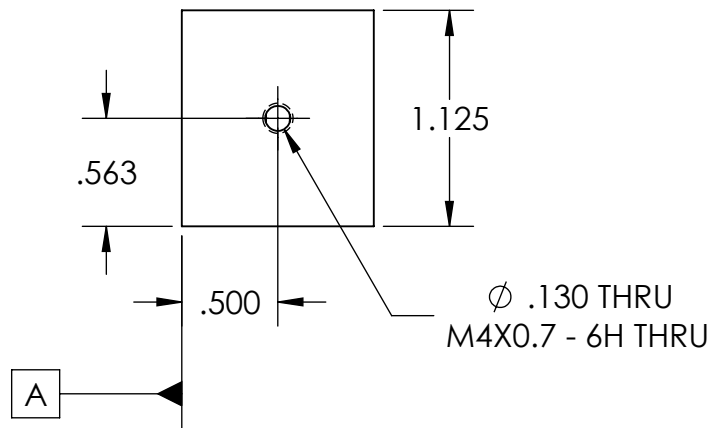
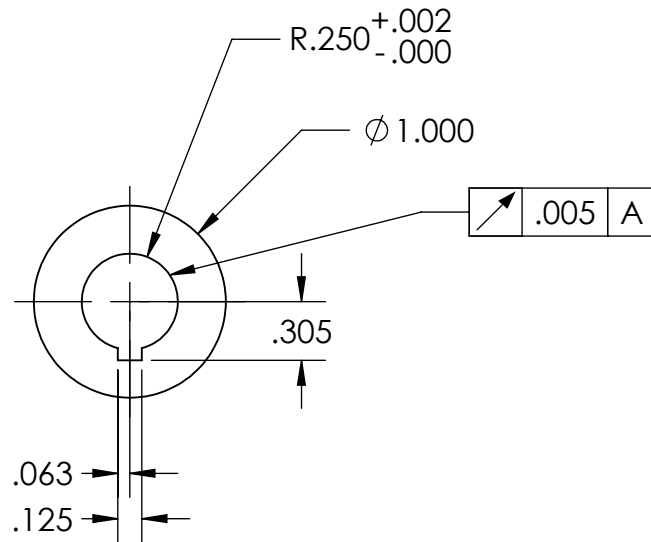
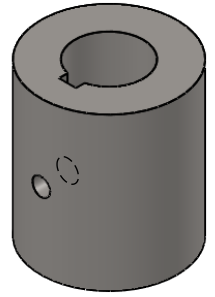


DESCRIPTION:		
SIZE <b>A</b>	PART NUMBER: 4157-44-W1001	REV
SCALE: 1:8	WEIGHT: lb	SHEET 8 OF 11



NOTE:

1. Clean & Degrease
2. Break Sharp Edges
3. Verify All Dimensions On Print



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DIMENSIONS ARE IN INCHES	
TOLERANCES:	
ANGLES: $\pm 1^\circ$ WHOLE: $\pm .125$	
1PL $\pm 0.05$	2PL $\pm 0.01$
3PL $\pm 0.005$	4PL $\pm 0.0005$
MATERIAL:	ALSI 304
HARDNESS:	N/A
FINISH:	N/A

	NAME	DATE
DRAWN	Kyle Forsythe	
CHECKED		
ENG APPR.		

COMMENTS:

PROJECT #: 4157-44

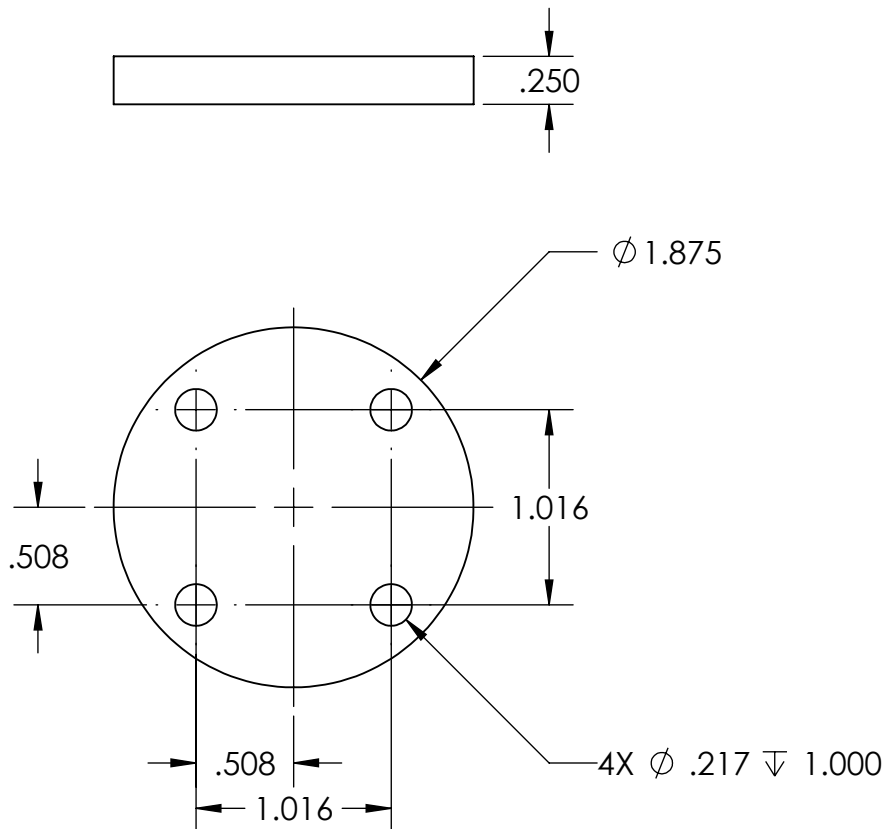
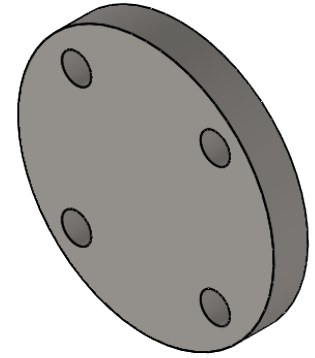


**ADVANCED  
MANUFACTURING  
CENTER**

DESCRIPTION: Gearbox Hub		
SIZE <b>A</b>	PART NUMBER: 4157-44-P1013	REV 0
SCALE: 1:8	WEIGHT: 0.18844143 lb	SHEET 9 OF 11

NOTE:

1. Clean & Degrease
2. Break Sharp Edges
3. Verify All Dimensions On Print



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DIMENSIONS ARE IN INCHES	
TOLERANCES:	
ANGLES: $\pm 1^\circ$ WHOLE: $\pm .125$	
1PL $\pm 0.05$	2PL $\pm 0.01$
3PL $\pm 0.005$	4PL $\pm 0.0005$
MATERIAL:	AISI 304
HARDNESS:	N/A
FINISH:	N/A

	NAME	DATE
DRAWN	Kyle Forsythe	
CHECKED		
ENG APPR.		

COMMENTS:

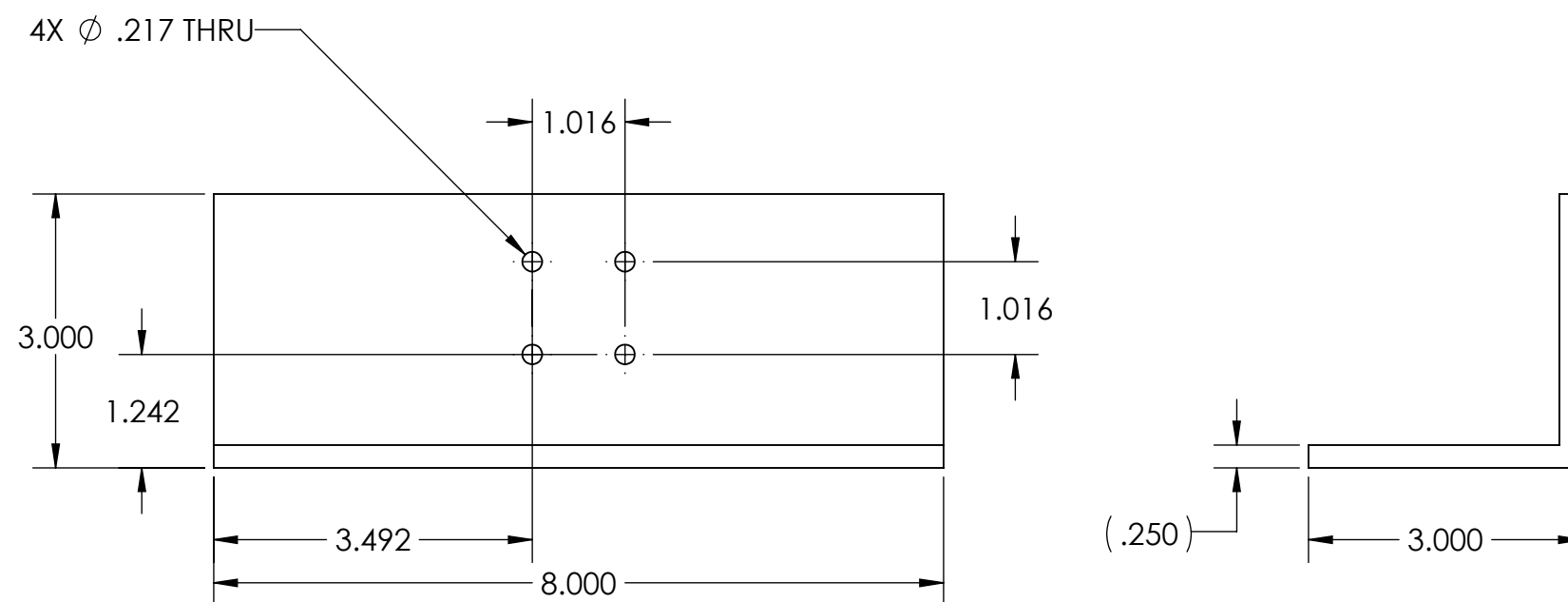
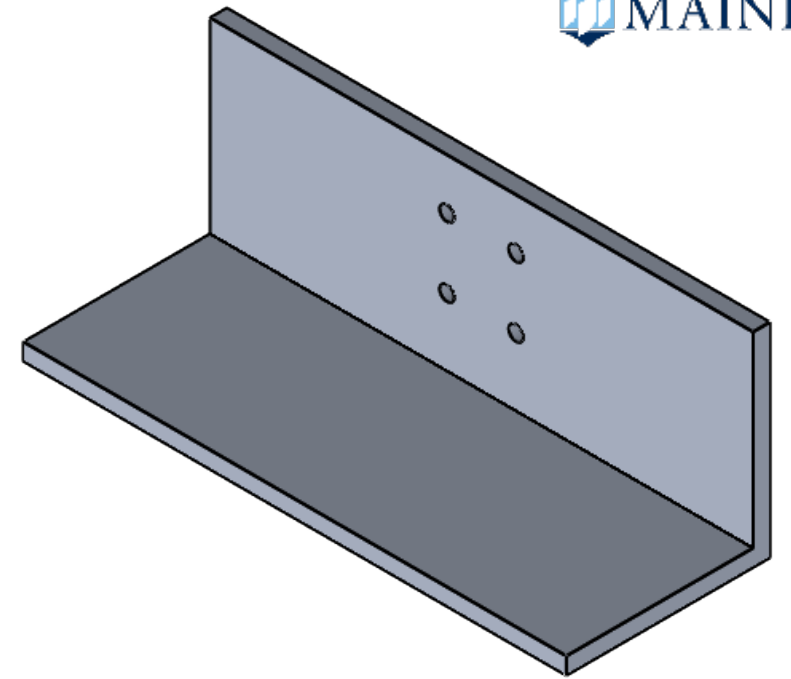
PROJECT #: 4157-44



**ADVANCED  
MANUFACTURING  
CENTER**

DESCRIPTION: Mounting Flange		
SIZE <b>A</b>	PART NUMBER: 4157-44-P1010	REV 0
SCALE: 1:8	WEIGHT: 0.18886358 lb	SHEET 10 OF 11

- NOTE:
1. Clean & Degrease
  2. Break Sharp Edges
  3. Verify All Dimensions On Print



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DIMENSIONS ARE IN INCHES  
TOLERANCES:  
ANGLES:  $\pm 1^\circ$  WHOLE:  $\pm .125$   
1PL  $\pm 0.05$  2PL  $\pm 0.01$   
3PL  $\pm 0.005$  4PL  $\pm 0.0005$   
MATERIAL: 6061-T6 (SS)  
HARDNESS: N/A  
FINISH: N/A

	NAME	DATE
DRAWN	Kyle Forsythe	9/11/2020
CHECKED		
ENG APPR.		

COMMENTS:

PROJECT #: 4157-44



DESCRIPTION: SAS Angle Mount

SIZE	PART NUMBER: 4157-44-P1009	REV
B		0
SCALE: 1:8	WEIGHT: 1.11816001 lb	SHEET 11 OF 11