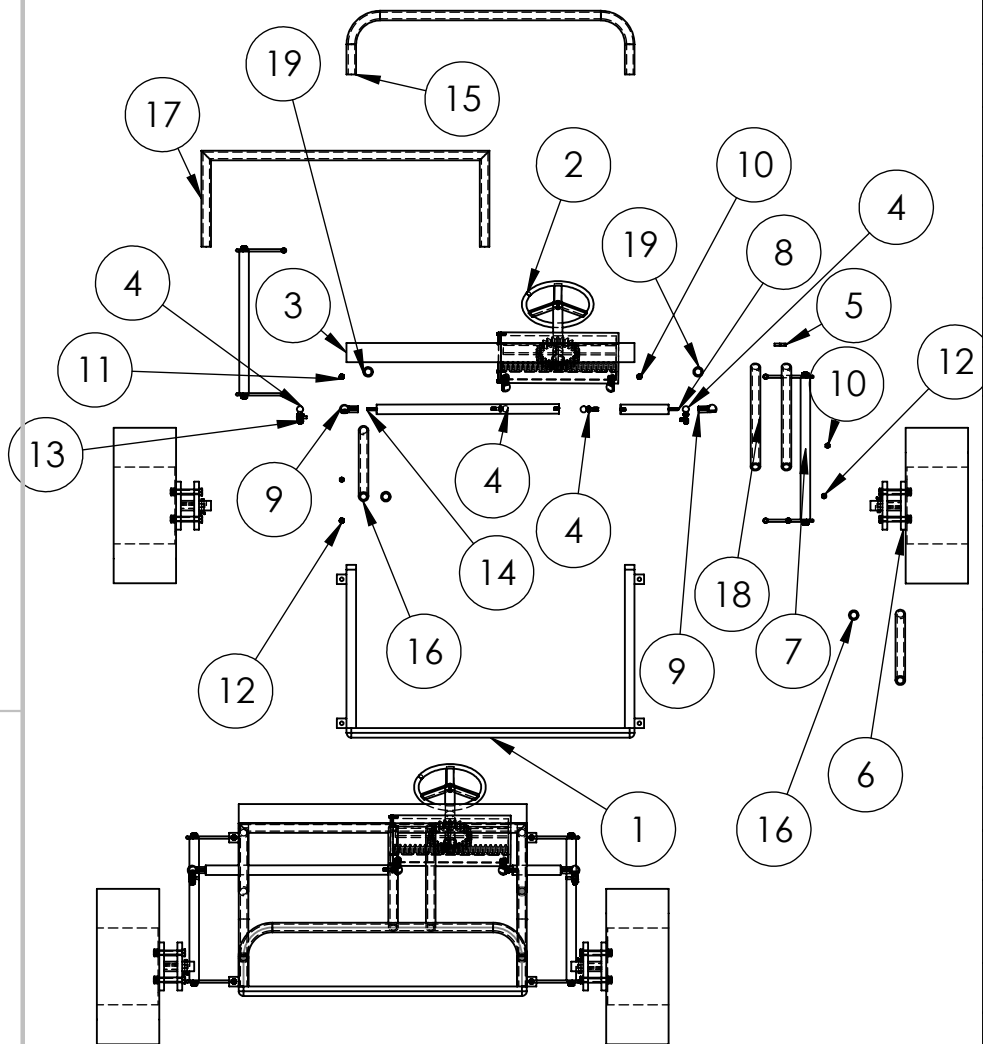


B



A

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NEXT ASSY

USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL  $\pm$   
ANGULAR: MACH  $\pm$  BEND  $\pm$   
TWO PLACE DECIMAL  $\pm$   
THREE PLACE DECIMAL  $\pm$

INTERPRET GEOMETRIC  
TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

ITEM  
NO.

PART NUMBER

DESCRIPTION

QTY.

1

FCP1

Chassis Base

1

2

STA1

Steering Assembly

1

3

STP08

Steering Stabilizer

1

4

STP02

Ball End

4

5

SP3

Steering&amp;Stability

2

6

FWA1

Wheel Assembly

2

7

SA1

Stability Assembly

2

8

STP09

Steering Linakge,  
Short

1

9

STP01

Ball Casing

2

10

HBOLT 0.2500-  
20x3.5x0.75-NBolt for Stability  
Connectors

4

11

ASME B18.21.1 - 0.256

Tooth Washer

4

12

HNUT 0.2500-28-D-N

1/4" Nuts

4

13

HNUT 0.3125-24-D-N

5/16" Nuts

2

14

STP010

Steering Linkage, L

1

15

FCP2

Chassis Bar

1

16

FCP3

Short 5/16" Pipe

4

17

FCP4

C-Frame 5/16"  
Pipe

1

18

FCP5

Angled 5/16"

2

19

FCP6

Short 5/16" Pipe

2

&lt;COMPANY NAME&gt;

DRAWN

NAME

MS

DATE

4/16/20

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

TITLE:

Front Chassis Assembly

SIZE

A

DWG. NO.

FCA1

REV

SCALE: 1:20

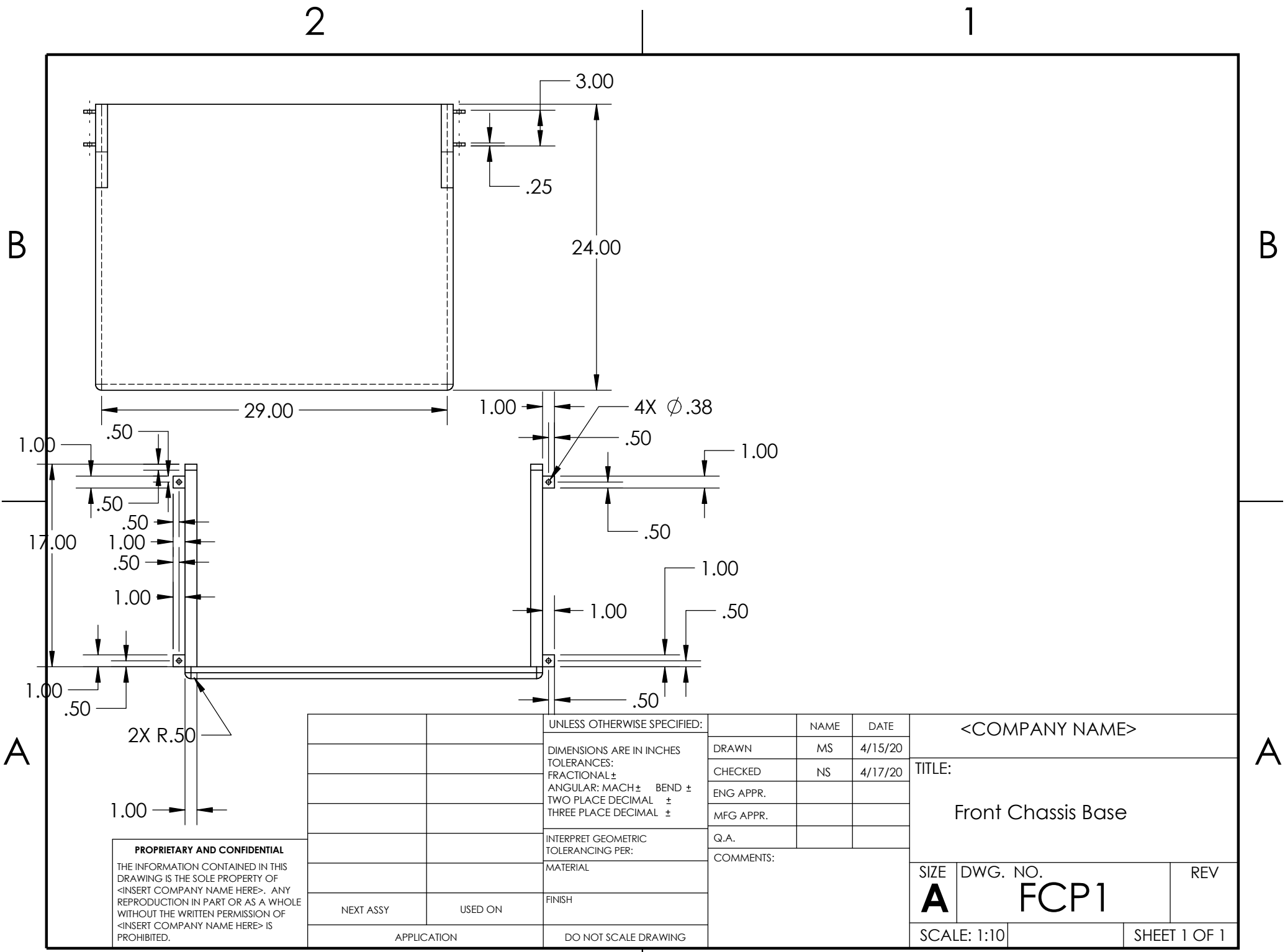
SHEET 1 OF 1

2

1

B

A

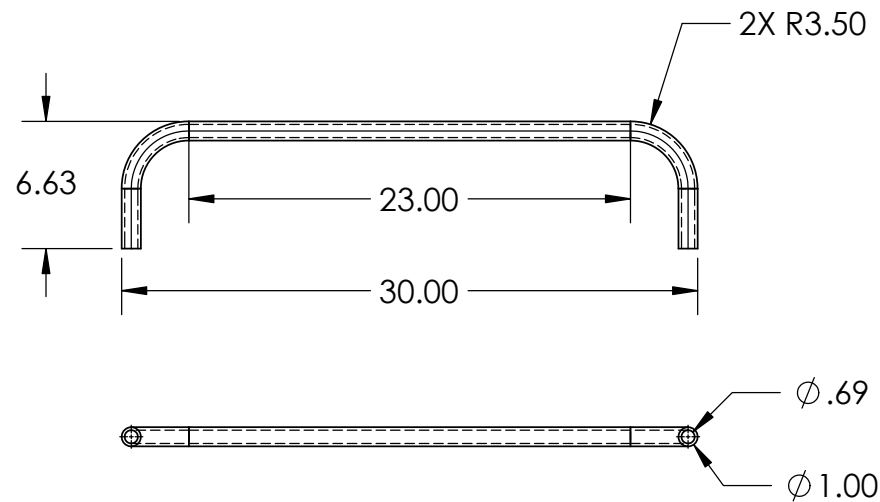


2

1

B

B



A

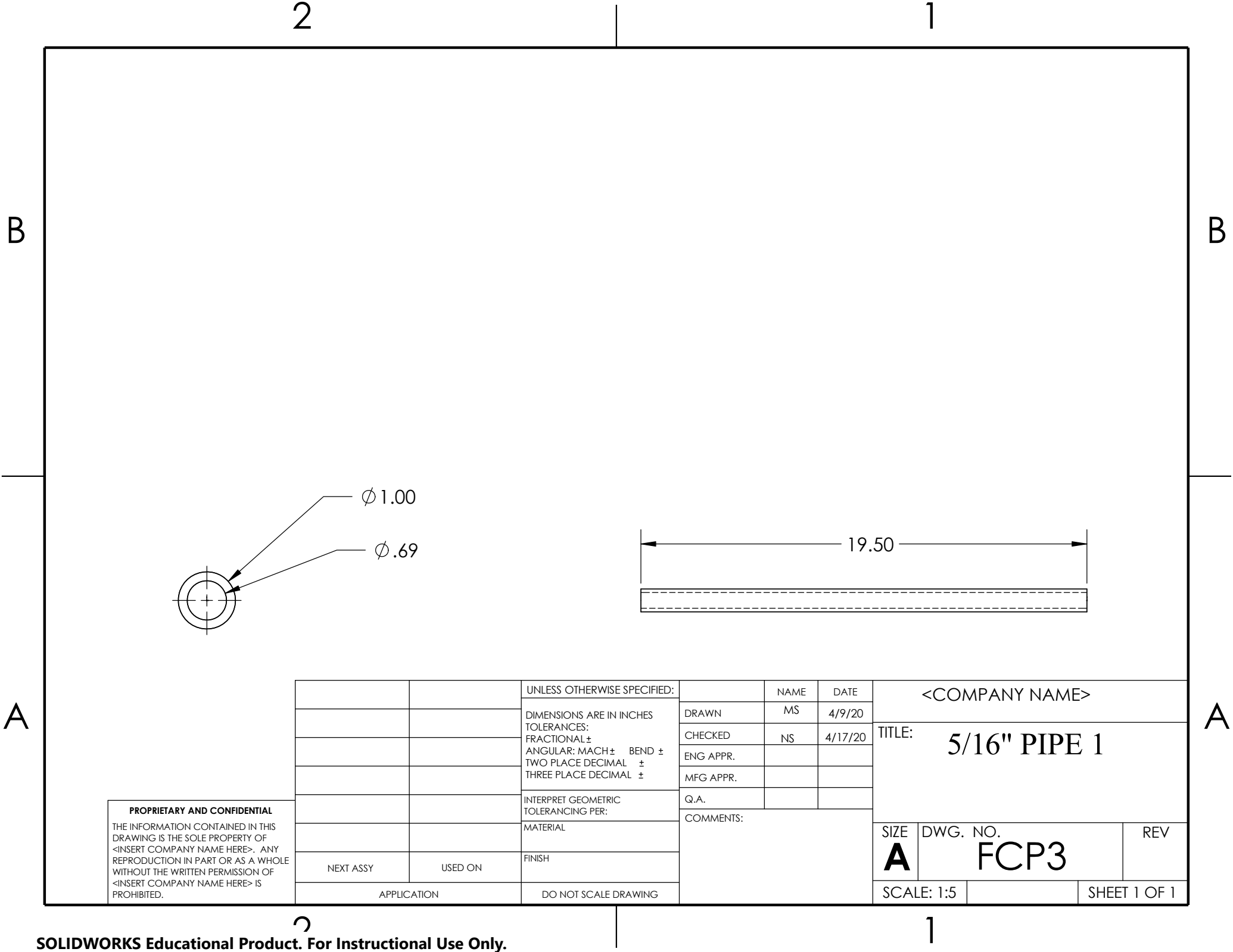
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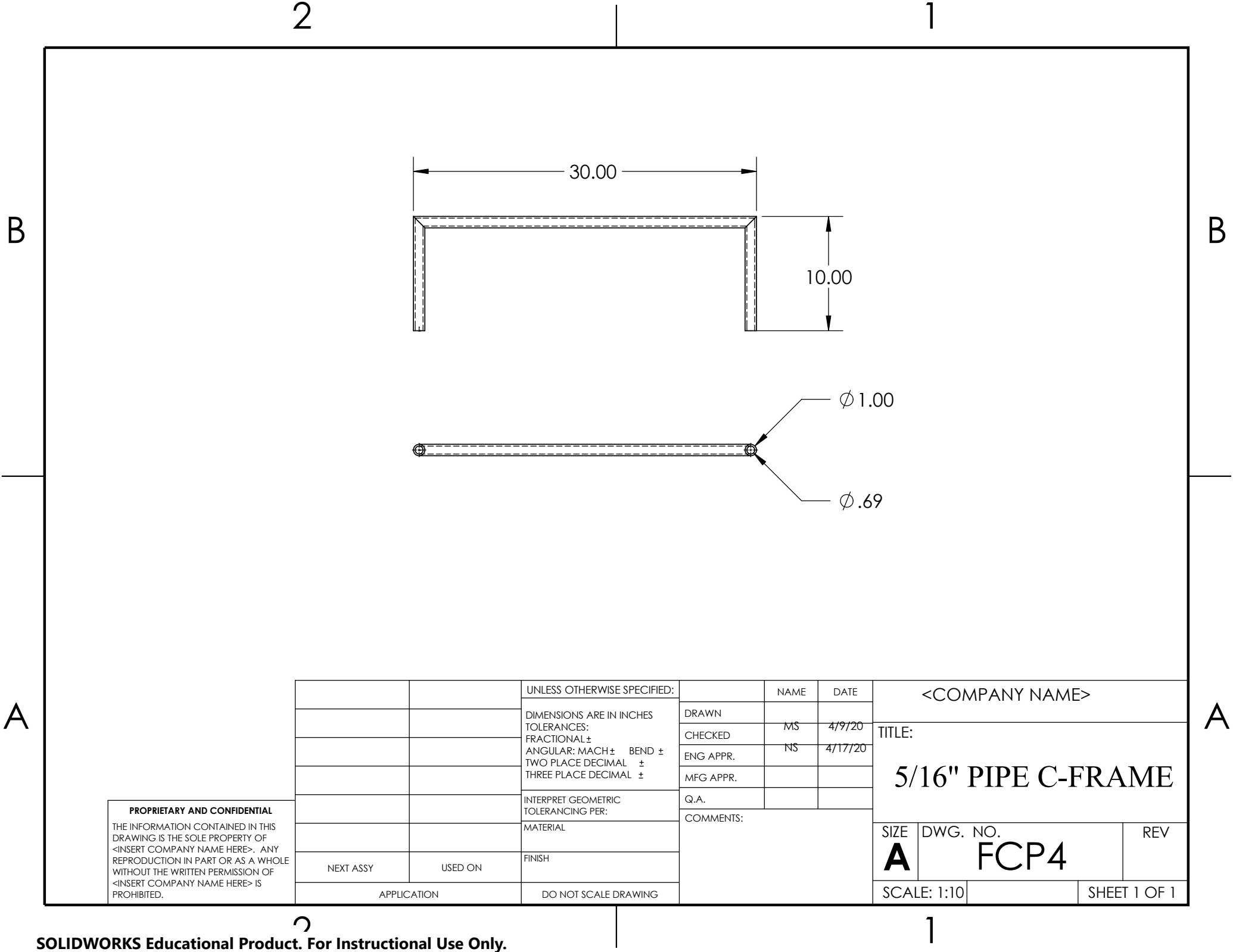
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/15/20	TITLE:  Front Chassis Bar		
		TOLERANCES:	CHECKED	NS	4/17/20			
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL    ±	Q.A.					
		THREE PLACE DECIMAL    ±	COMMENTS:			SIZE	DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:				<b>A</b>	<b>FCP2</b>	
		MATERIAL				SCALE: 1:10		
NEXT ASSY	USED ON	FINISH				SHEET 1 OF 1		
APPLICATION		DO NOT SCALE DRAWING						

1





A

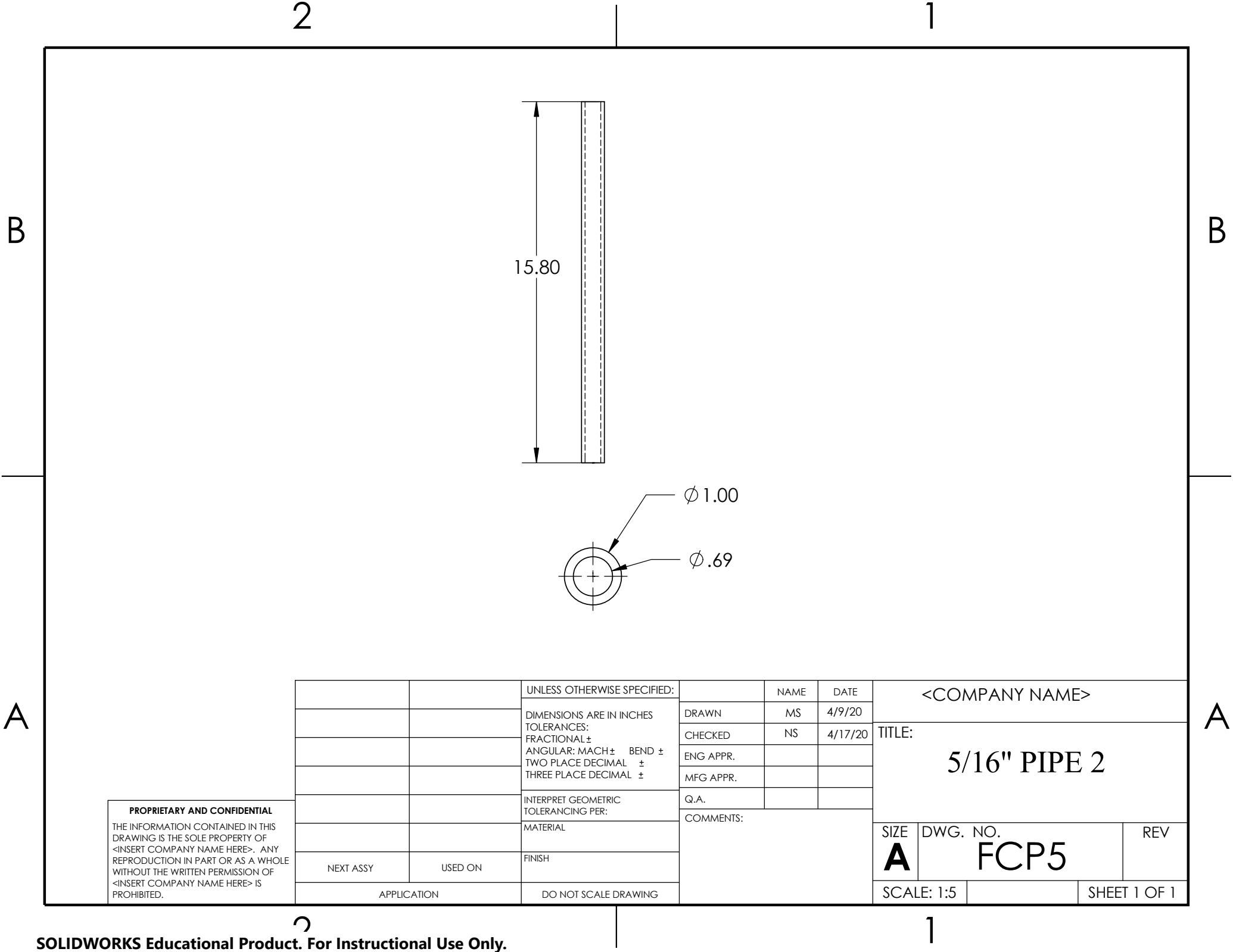
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B

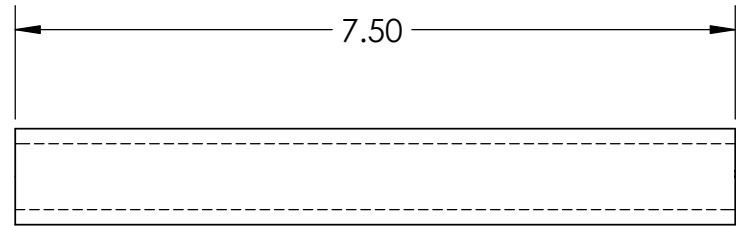
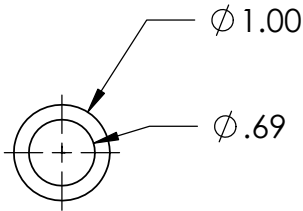
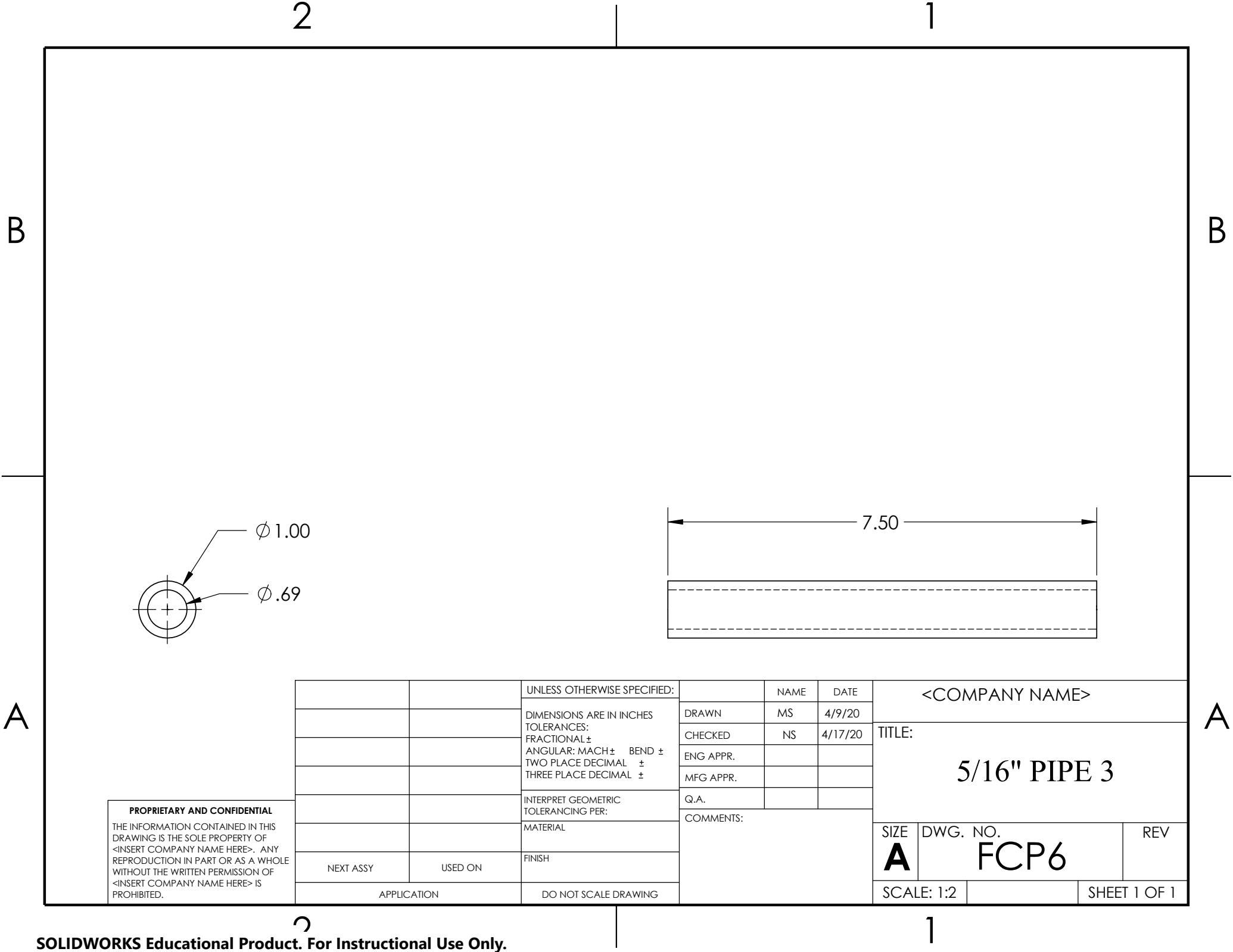
B

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN			TITLE:  5/16" PIPE C-FRAME		
			CHECKED	MS	4/9/20			
			ENG APPR.	NS	4/17/20			
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.					
		MATERIAL	COMMENTS:			SIZE	DWG. NO.	REV
		FINISH				A	FCP4	
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						
						SCALE: 1:10		SHEET 1 OF 1

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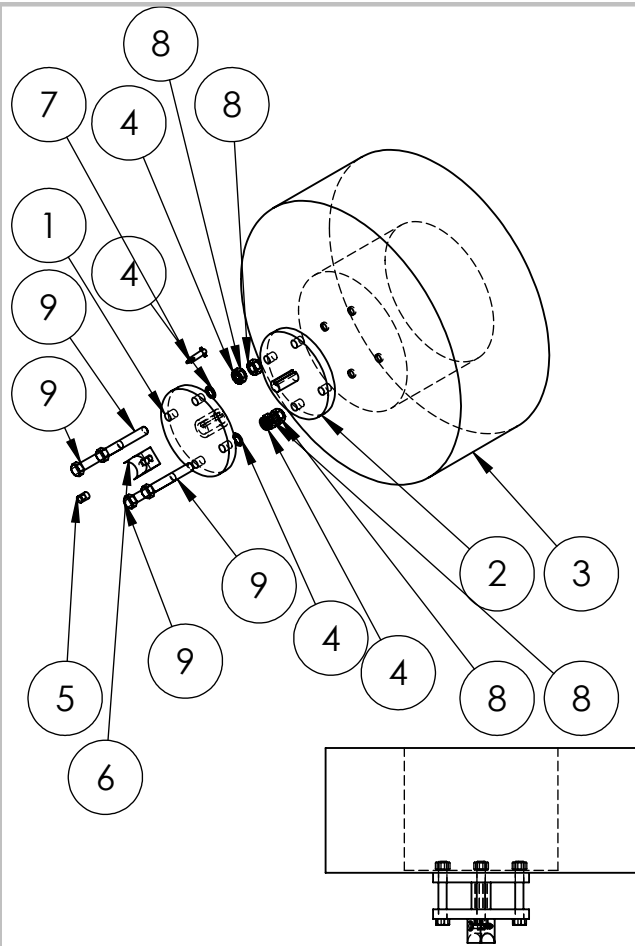


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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	MS	4/9/20			
				CHECKED	NS	4/17/20	TITLE:  5/16" PIPE 2		
				ENG APPR.					
				MFG APPR.					
				Q.A.					
				COMMENTS:					
			INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL							
		FINISH							
	NEXT ASSY	USED ON					SIZE	DWG. NO.	REV
							A	FCP5	
	APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:5		SHEET 1 OF 1



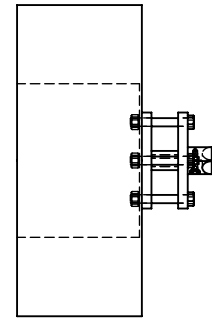
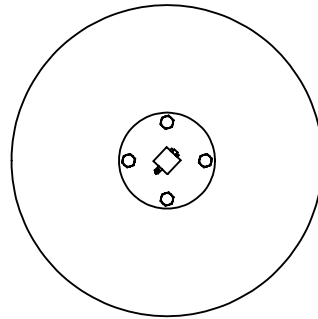
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			DIMENSIONS ARE IN INCHES	DRAWN	MS	4/9/20	TITLE:  <b>5/16" PIPE 3</b>		
			TOLERANCES:	CHECKED	NS	4/17/20			
			FRACTIONAL $\pm$	ENG APPR.					
			ANGULAR: MACH $\pm$ BEND $\pm$	MFG APPR.					
			TWO PLACE DECIMAL $\pm$	Q.A.					
			THREE PLACE DECIMAL $\pm$	COMMENTS:			SIZE	DWG. NO.	REV
			INTERPRET GEOMETRIC TOLERANCING PER:				<b>A</b>	<b>FCP6</b>	
		MATERIAL				SCALE: 1:2			SHEET 1 OF 1
	NEXT ASSY	USED ON	FINISH						
	APPLICATION		DO NOT SCALE DRAWING						

B



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FWP5	Wheel Hub Female	1
2	FWP1	Wheel Hub Male	1
3	EB2	Purchased Turf Tire	1
4	Internal Tooth LW Type A-0.375	Washer	4
5	FWP2	Wheel Pin Receiver	1
6	FWP3	Wheel Connector	1
7	FWP4	Wheel Pin	1
8	HNUT 0.4375-20-D-N	Lug Nut	4
9	HBOLT 0.4375- 20x3x1.125-N	Lug bolt	4

B



A

A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>	
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/16/20	TITLE:  Front Wheel Assembly	
		TOLERANCES:	CHECKED				
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±	Q.A.			SIZE DWG. NO. REV	
		THREE PLACE DECIMAL ±	COMMENTS:				
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:10 SHEET 1 OF 1	
		MATERIAL					
		FINISH				A FWA1	
NEXT ASSY	USED ON						
APPLICATION		DO NOT SCALE DRAWING					

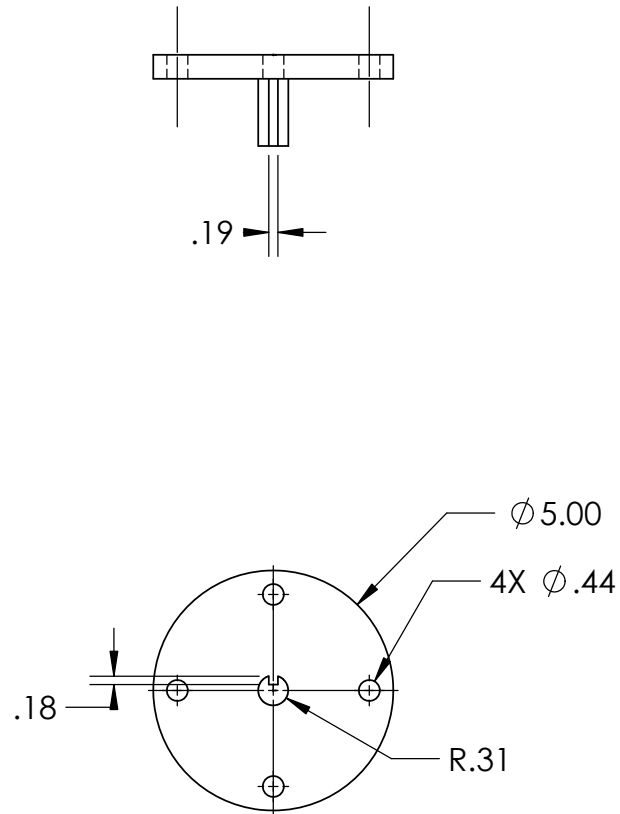
2

1



B

B

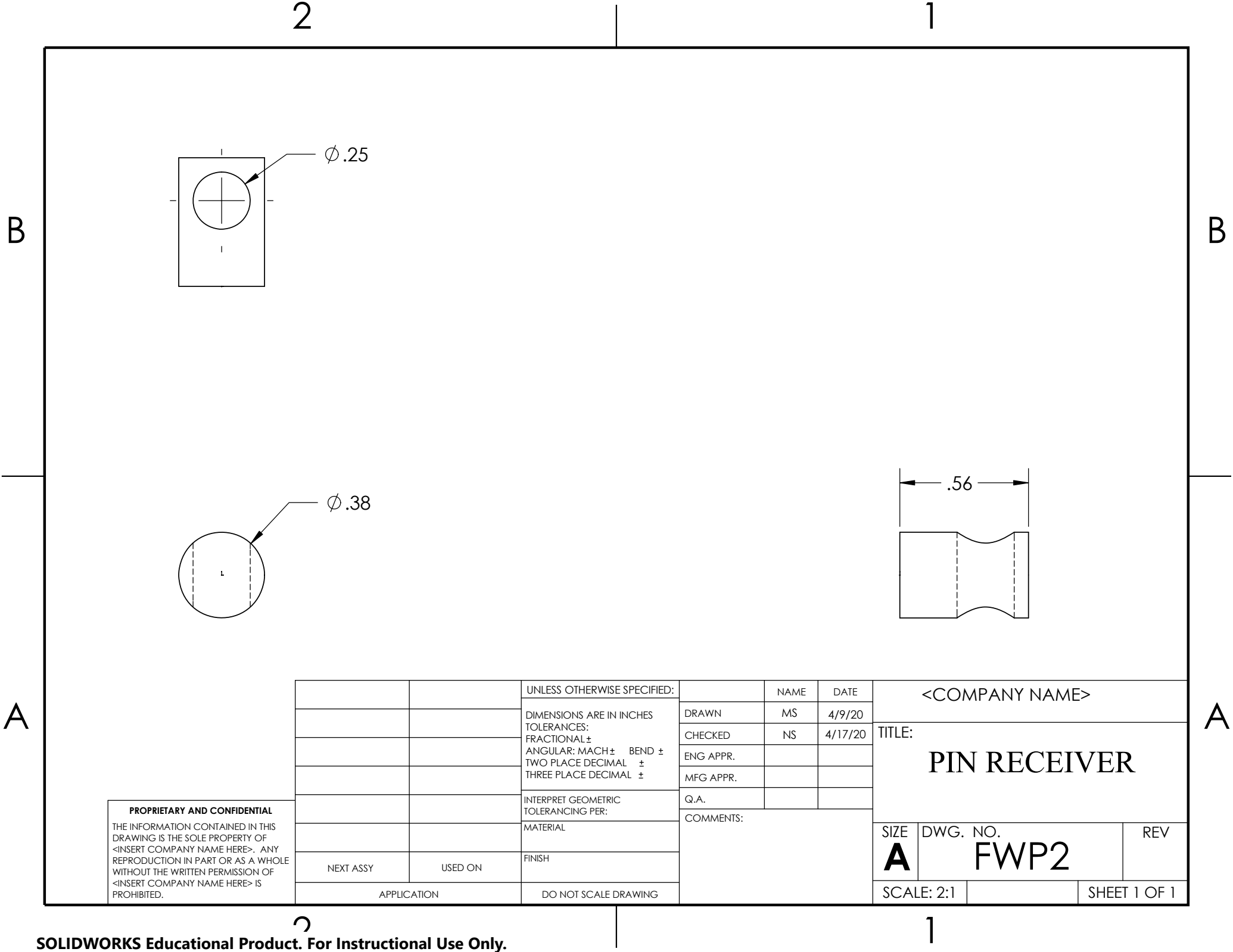


A

A

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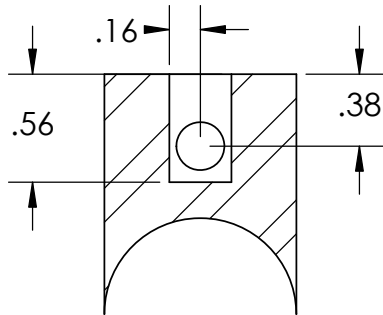
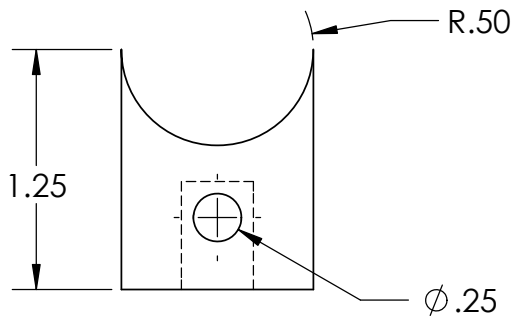
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/9/20	TITLE:  <b>FRONT WHEEL HUB</b>		
		TOLERANCES:	CHECKED	NS	4/17/20			
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. REV <b>A</b> <b>FWP1</b> SCALE: 1:2 SHEET 1 OF 1		
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						



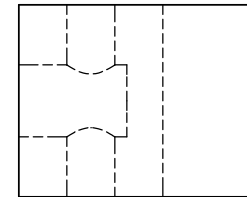
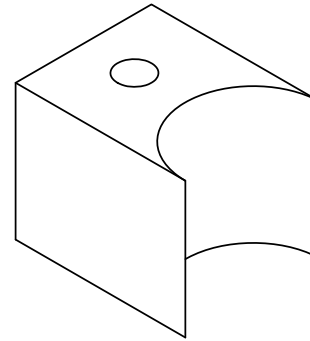
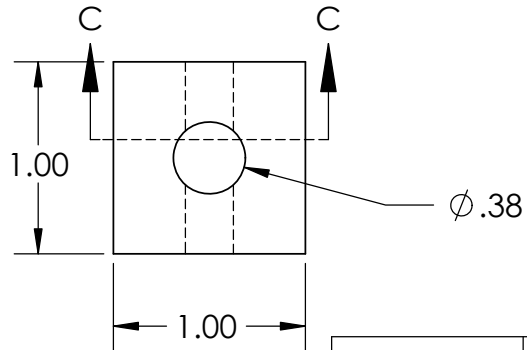
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			DIMENSIONS ARE IN INCHES	DRAWN	MS	4/9/20	TITLE: <b>PIN RECEIVER</b>		
			TOLERANCES:	CHECKED	NS	4/17/20			
			FRACTIONAL ±	ENG APPR.					
			ANGULAR: MACH ± BEND ±	MFG APPR.					
			TWO PLACE DECIMAL ±	Q.A.					
			THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.	REV
			INTERPRET GEOMETRIC TOLERANCING PER:				<b>A</b>	<b>FWP2</b>	
	NEXT ASSY	USED ON	MATERIAL				SCALE: 2:1		SHEET 1 OF 1
	APPLICATION		FINISH						
			DO NOT SCALE DRAWING						

B

B



SECTION C-C  
SCALE 1 : 1



A

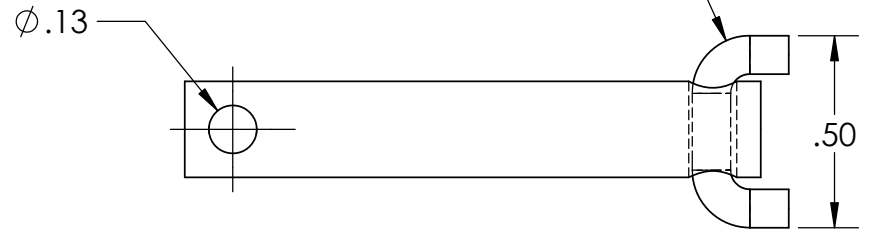
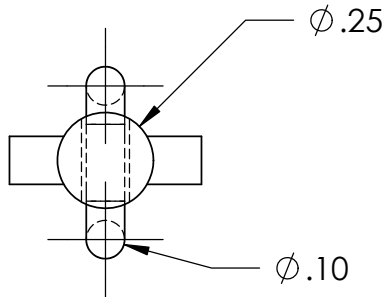
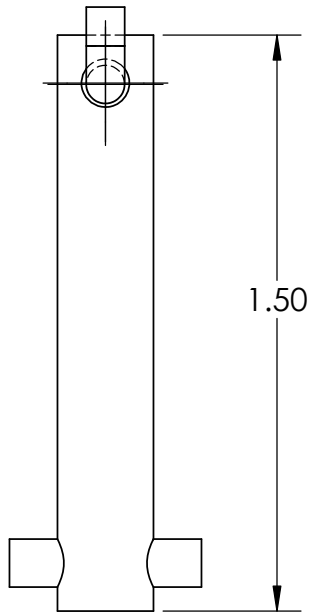
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>			
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/15/20	TITLE:  Front Wheel Pin Casing			
		TOLERANCES:	CHECKED						
		FRACTIONAL ±	ENG APPR.						
		ANGULAR: MACH±    BEND ±	MFG APPR.						
		TWO PLACE DECIMAL    ±							
		THREE PLACE DECIMAL    ±	Q.A.			SIZE    DWG. NO.    REV  A    FWP3			
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:						
		MATERIAL				SCALE: 2:1    SHEET 1 OF 1			
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING							

B

B



A

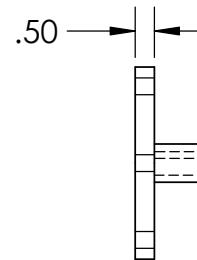
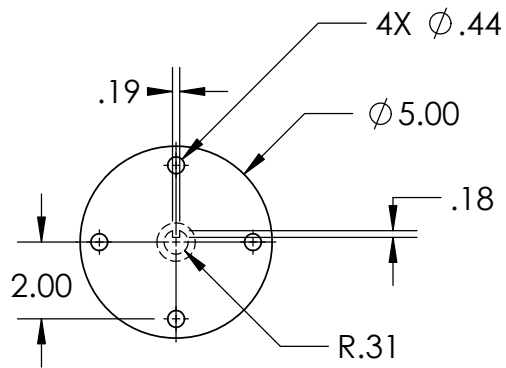
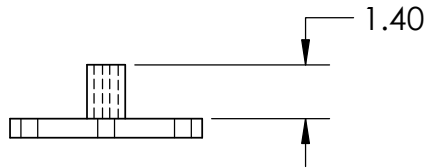
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	MS	4/15/20	TITLE:  <div>Pin</div>		
			CHECKED					
			ENG APPR.					
			MFG APPR.					
			Q.A.					
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			SIZE <div>A</div>  DWG. NO. <div>FWP4</div>  REV		
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING	SCALE: 2:1					

B

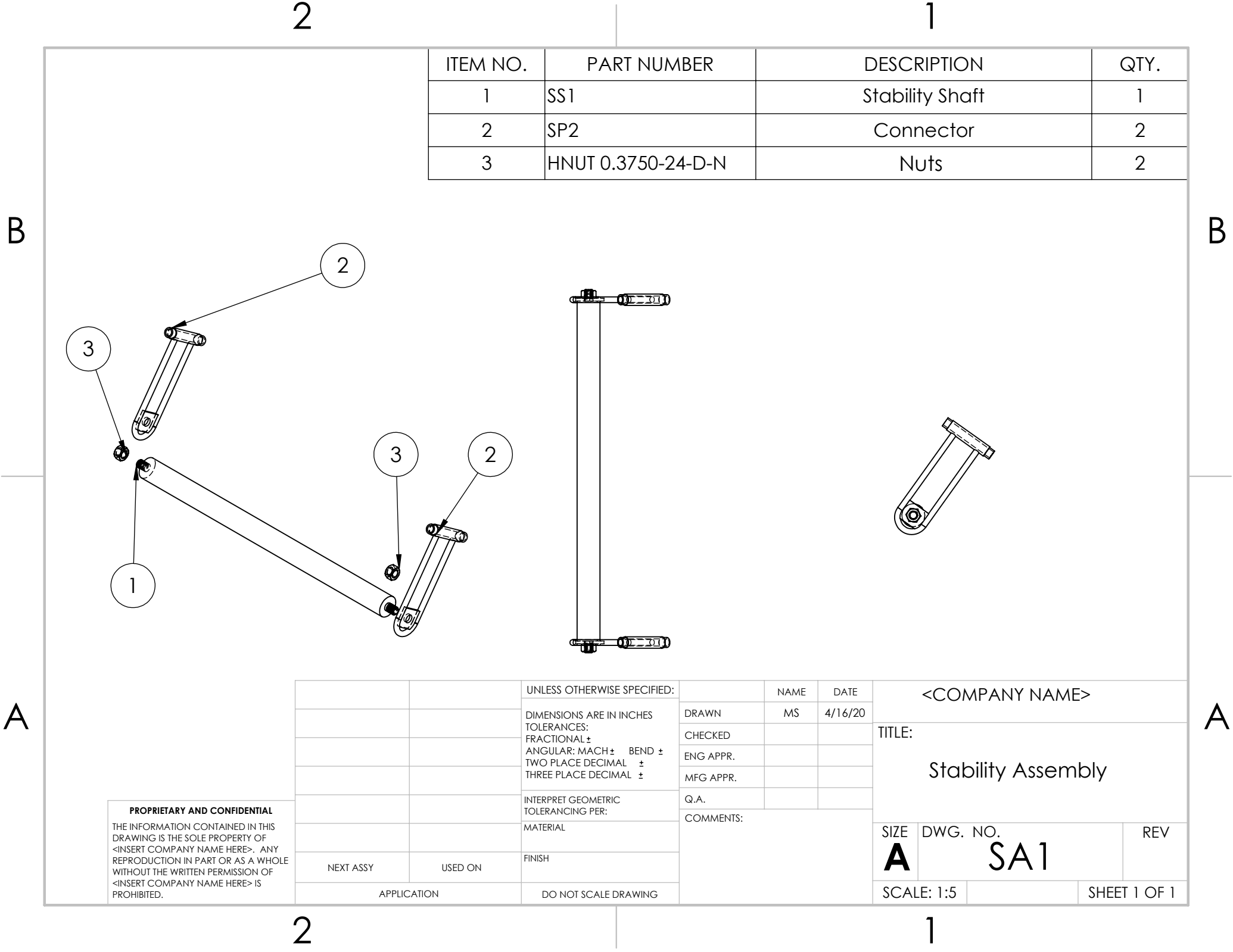
B



A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/16/20	TITLE:  Wheel Hub, Female		
		TOLERANCES: FRACTIONAL ±	CHECKED					
		ANGULAR: MACH ± BEND ±	ENG APPR.					
		TWO PLACE DECIMAL ±	MFG APPR.					
		THREE PLACE DECIMAL ±	Q.A.					
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			SIZE	DWG. NO.	REV
		MATERIAL				<b>A</b>	<b>FWP5</b>	
NEXT ASSY	USED ON	FINISH				SCALE: 1:2		SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING						

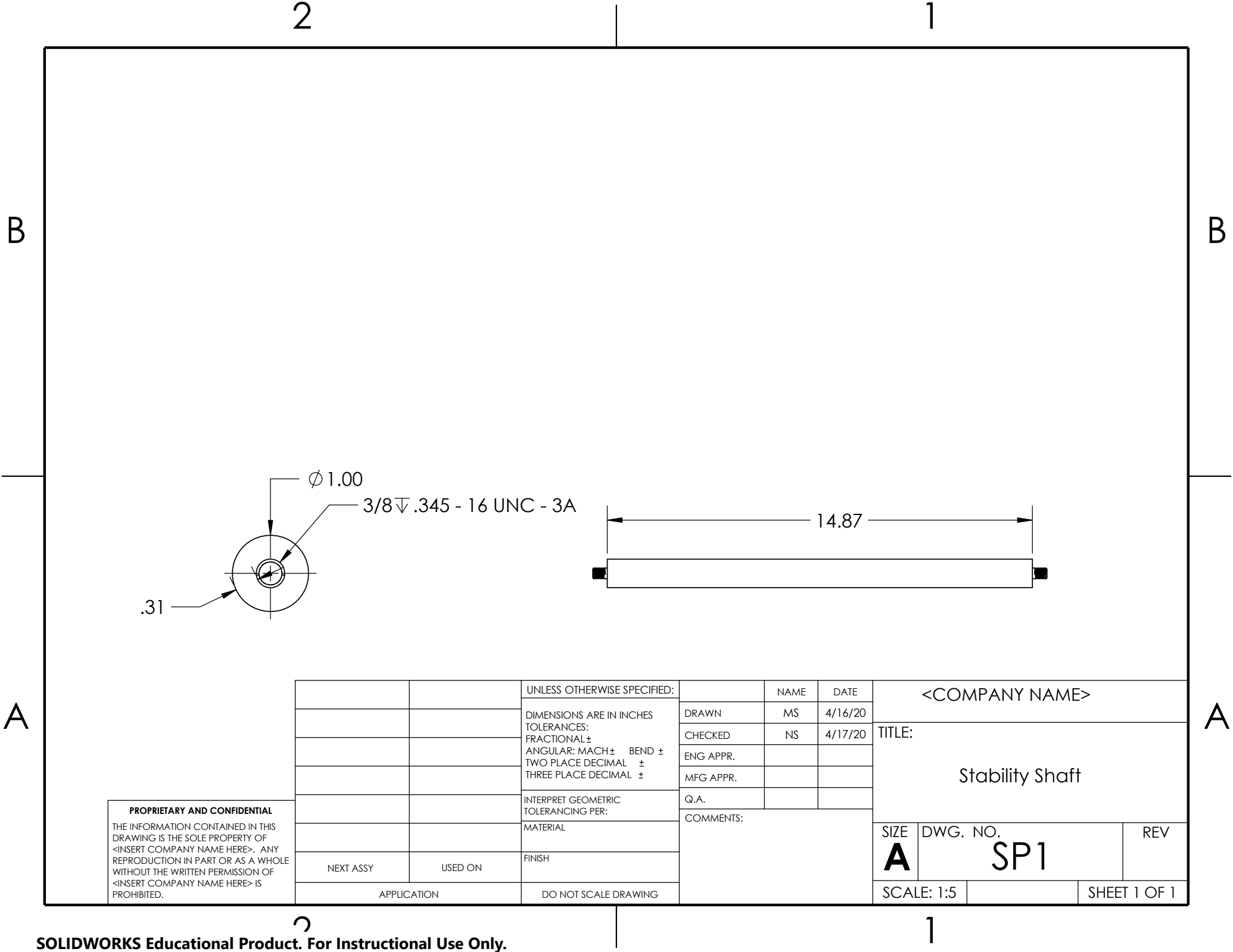


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SS1	Stability Shaft	1
2	SP2	Connector	2
3	HNUT 0.3750-24-D-N	Nuts	2

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/16/20
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
	APPLICATION	DO NOT SCALE DRAWING			

<COMPANY NAME>		
TITLE:		
Stability Assembly		
SIZE	DWG. NO.	REV
A	SA1	
SCALE: 1:5		SHEET 1 OF 1



B

1

B

A

A

2

1

2

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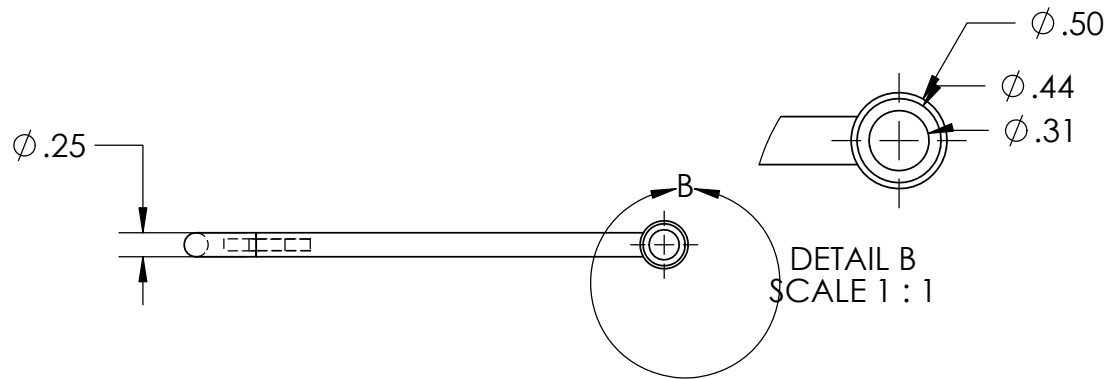
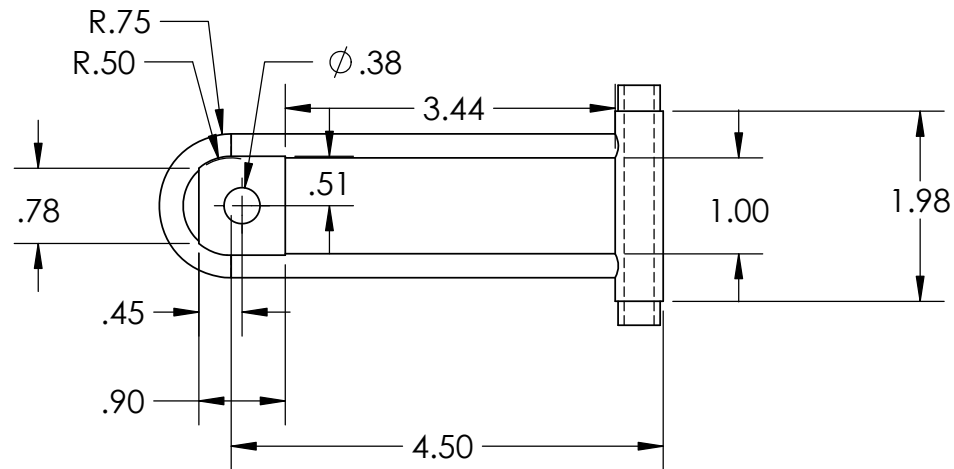
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		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC
		TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	MS	4/16/20
CHECKED	NS	4/17/20
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

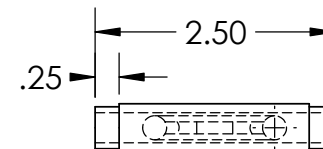
<COMPANY NAME>		
TITLE:		
Stability Shaft		
SIZE	DWG. NO.	REV
A	SP1	
SCALE: 1:5		SHEET 1 OF 1

B

B



DETAIL B  
SCALE 1 : 1



A

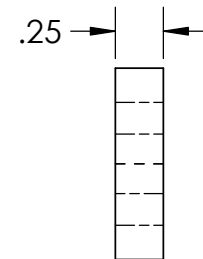
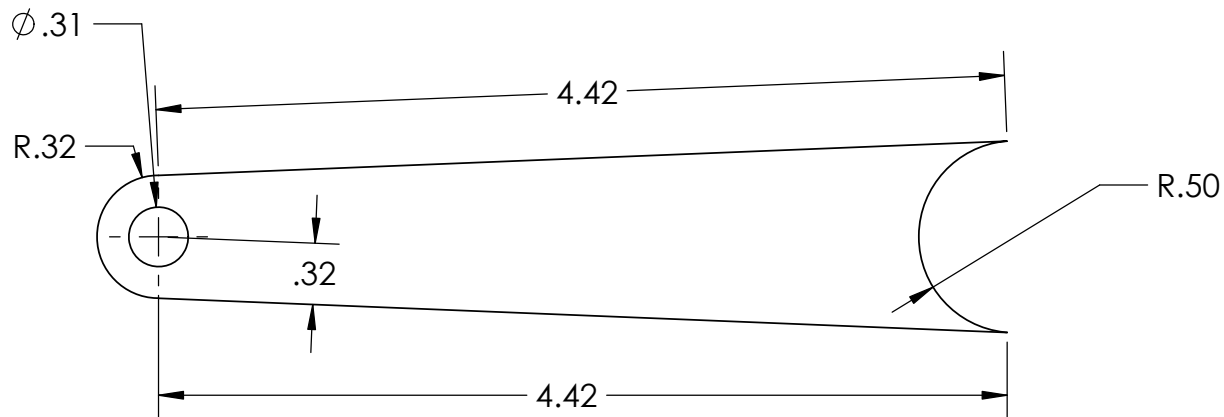
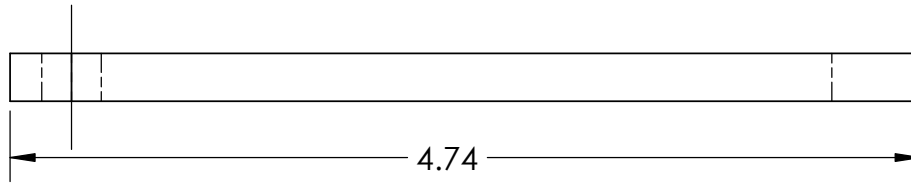
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>						
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	MS	4/16/20	TITLE:  Stability Loop						
			CHECKED									
			ENG APPR.									
			MFG APPR.									
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.									
		MATERIAL	COMMENTS:			SIZE <b>A</b>				DWG. NO. <b>SP2</b>		REV
		FINISH										
NEXT ASSY	USED ON					SCALE: 1:2			SHEET 1 OF 1			
APPLICATION		DO NOT SCALE DRAWING										



B

B



A

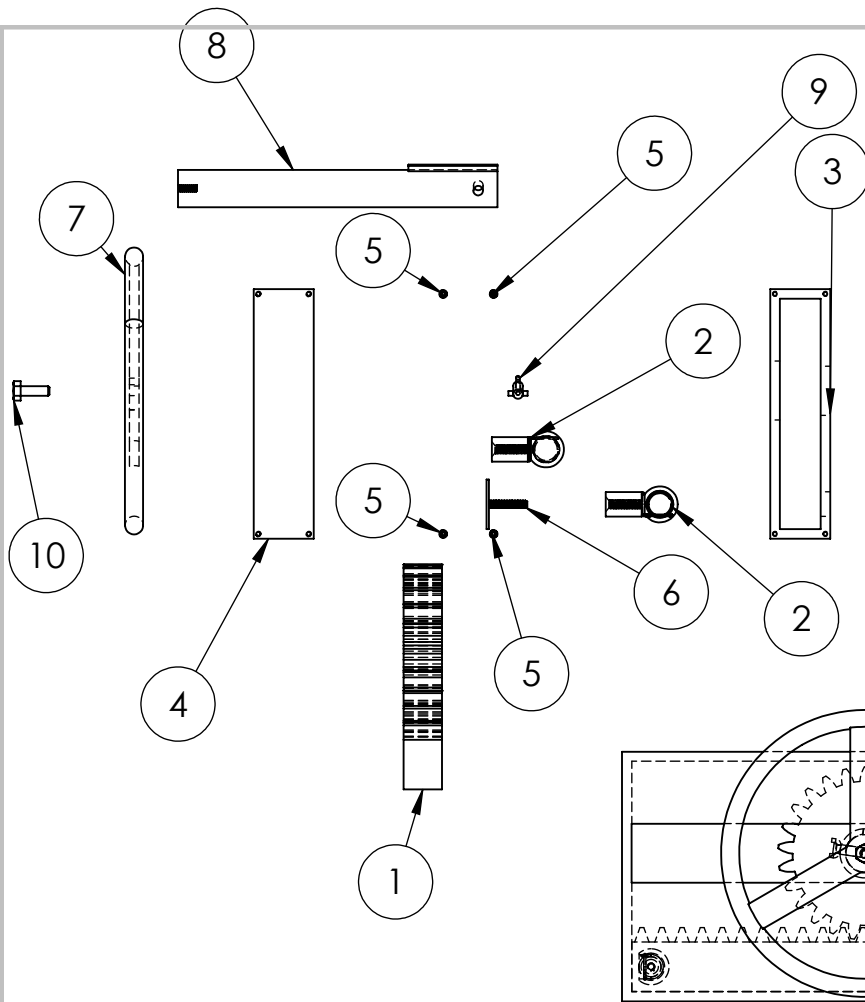
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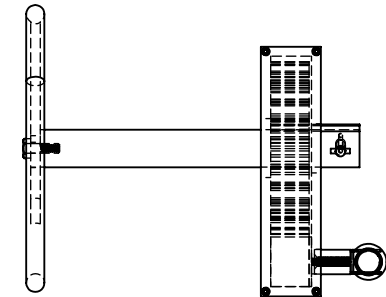
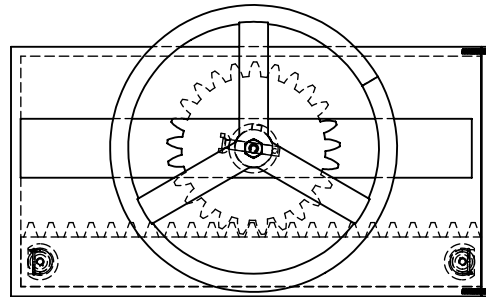
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/16/20	TITLE: Steering&Stability Connector		
		TOLERANCES:	CHECKED	NS	4/17/20			
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:				<b>A</b>	<b>SP3</b>	
		MATERIAL				SCALE: 1:1		
		FINISH				SHEET 1 OF 1		
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						

B

B



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	STP10	Rack and Pinion	1
2	STP01	Ball Casing	2
3	STP03	Rack&Gear Case	1
4	STP04	Case Cover	1
5	HX-SHCS 0.125-40x0.5x0.5-N	Case Bolts	4
6	STP05	Rack Plate	1
7	STP06	Steering Wheel	1
8	STP07	Steering Shaft	1
9	FWP4	Wheel Pin	1
10	HBOLT 0.2500-20x0.75x0.75-N	Steering Bolt	1



A

A

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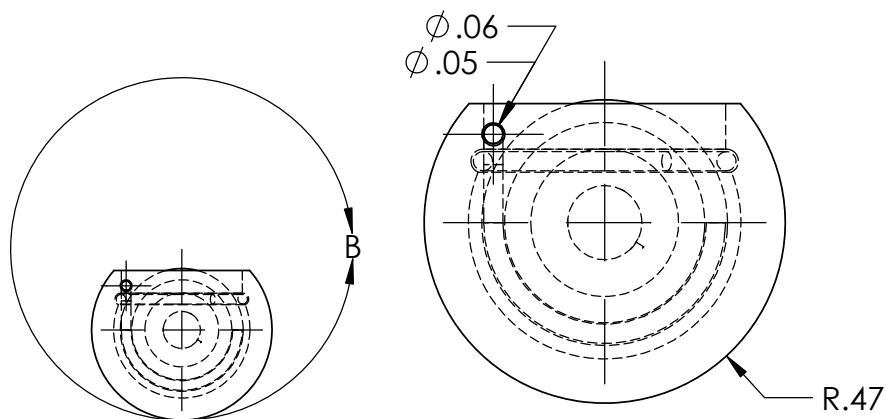
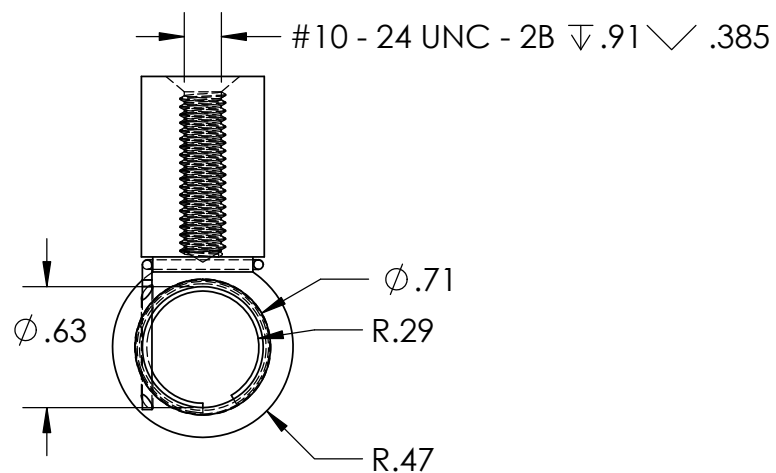
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>	
		DIMENSIONS ARE IN INCHES		DRAWN	MS	4/16/20	TITLE:  Steering Wheel Assembly
		TOLERANCES:		CHECKED			
		FRACTIONAL $\pm$		ENG APPR.			
		ANGULAR: MACH $\pm$ BEND $\pm$		MFG APPR.			
		TWO PLACE DECIMAL $\pm$		Q.A.			
		THREE PLACE DECIMAL $\pm$		COMMENTS:			SIZE <b>A</b>
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
		FINISH					DWG. NO. <b>STA1</b>
							REV
		NEXT ASSY	USED ON				
		APPLICATION		DO NOT SCALE DRAWING			
						SCALE: 1:5	SHEET 1 OF 1

2

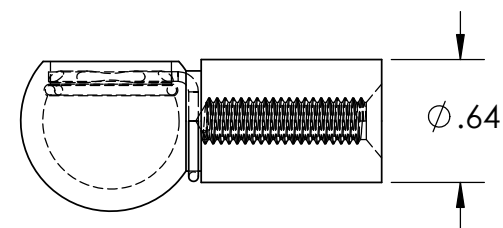
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2

1



DETAIL B  
SCALE 2 : 1

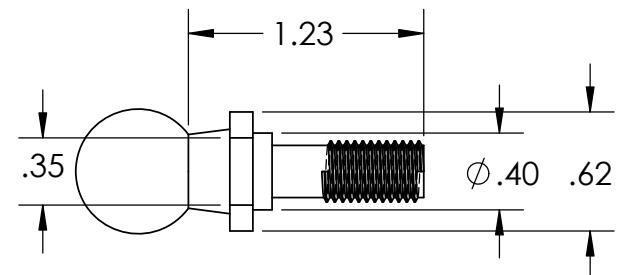
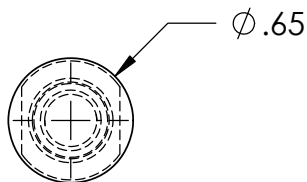
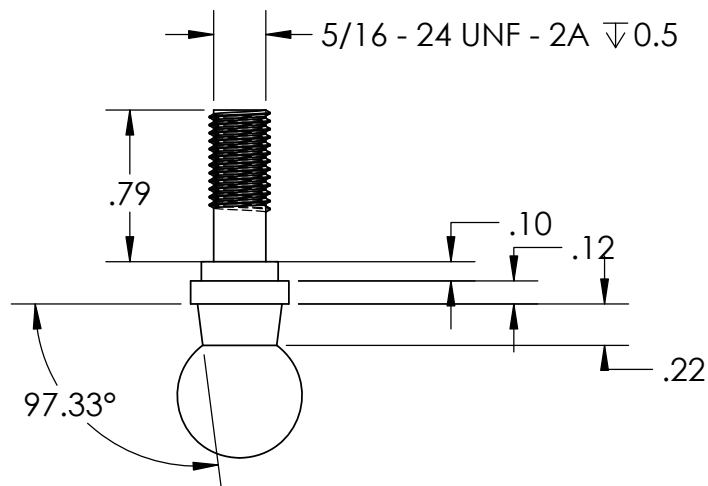


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/16/20	TITLE:  <b>Ball Casing</b>		
		TOLERANCES:	CHECKED					
		FRACTIONAL $\pm$	ENG APPR.					
		ANGULAR: MACH $\pm$ BEND $\pm$	MFG APPR.			SIZE DWG. NO. REV		
		TWO PLACE DECIMAL $\pm$	Q.A.					
		THREE PLACE DECIMAL $\pm$	COMMENTS:			<b>A</b> <b>STP01</b>		
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL				SCALE: 1:1 SHEET 1 OF 1		
	NEXT ASSY	USED ON						
	APPLICATION		DO NOT SCALE DRAWING					

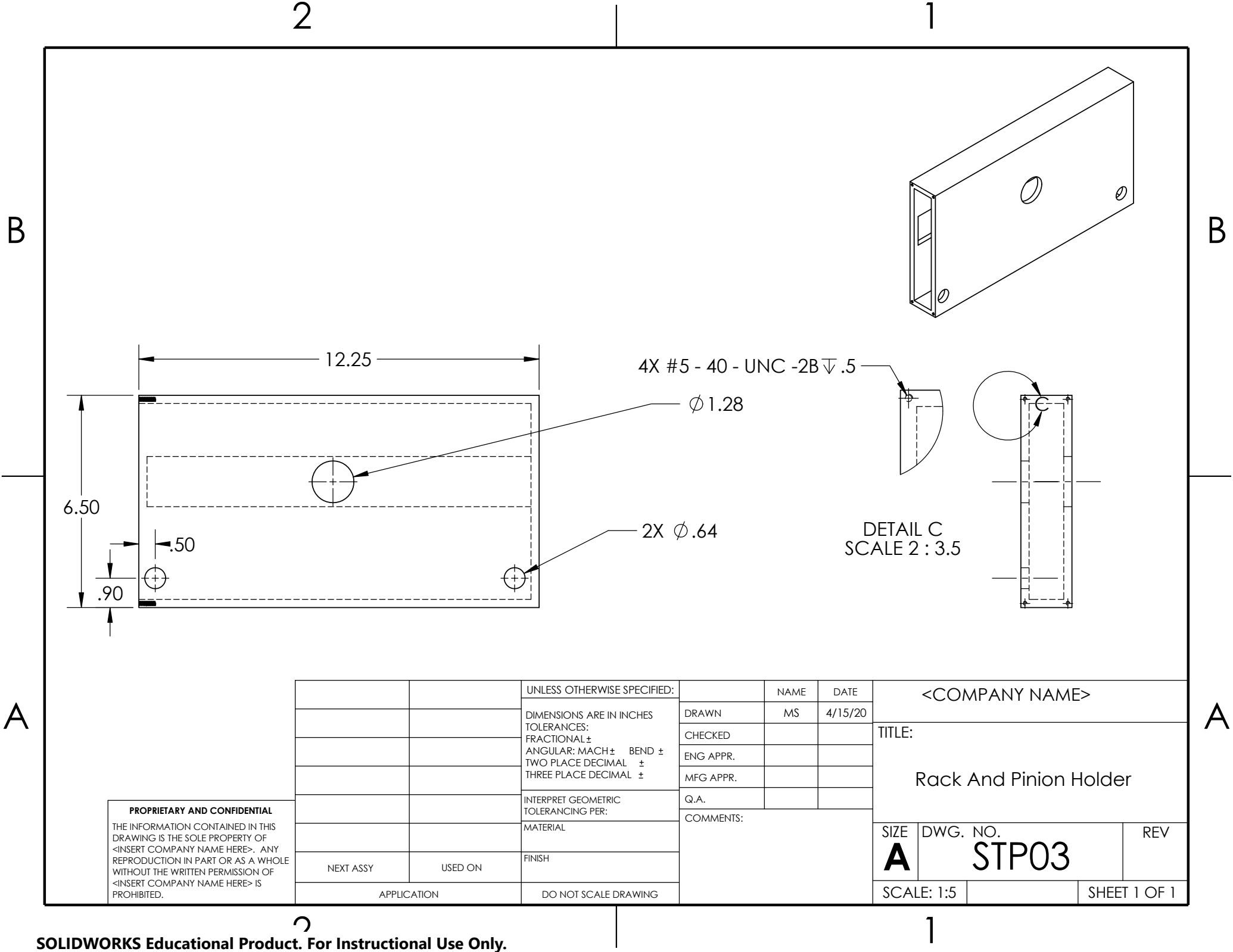
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1



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/16/20	TITLE:  <b>Ball End</b>		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:				<b>A</b>	<b>STP02</b>	
		MATERIAL				SCALE: 1:1		
		FINISH				SHEET 1 OF 1		
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						



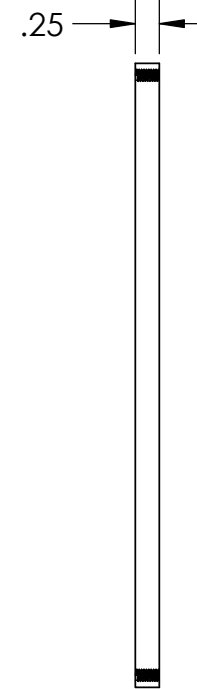
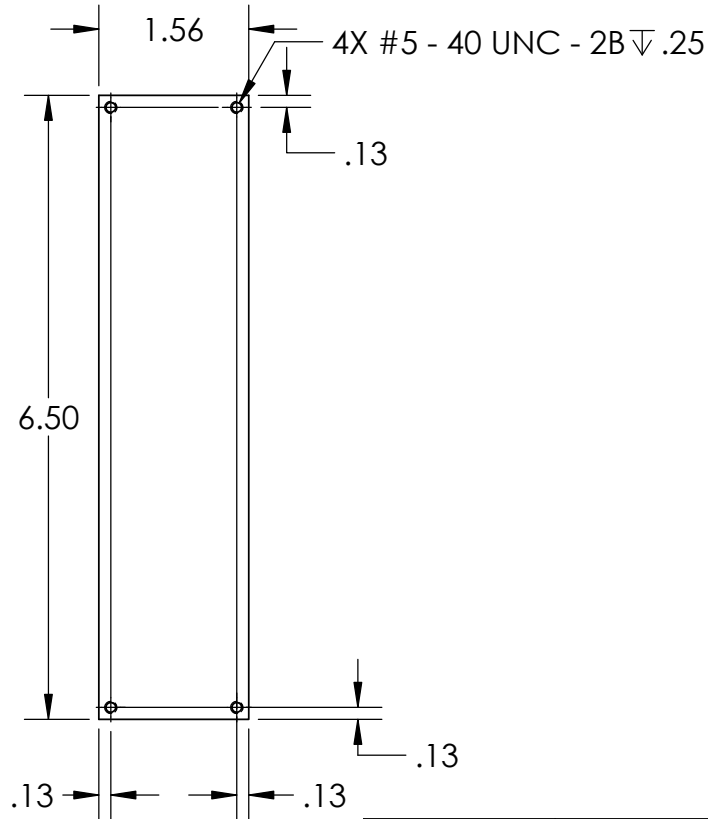
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		UNLESS OTHERWISE SPECIFIED:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	MS	4/15/20
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

<COMPANY NAME>		
TITLE:		
Rack And Pinion Holder		
SIZE	DWG. NO.	REV
<b>A</b>	<b>STP03</b>	
SCALE: 1:5		SHEET 1 OF 1

B



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>				
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/15/20	TITLE:  Gear Case Cover				
		TOLERANCES:	CHECKED	NS	4/17/20					
		FRACTIONAL ±	ENG APPR.							
		ANGULAR: MACH ± BEND ±	MFG APPR.							
		TWO PLACE DECIMAL ±	Q.A.							
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE <b>A</b>				
		INTERPRET GEOMETRIC TOLERANCING PER:							DWG. NO. <b>STP04</b>	
		MATERIAL							REV	
NEXT ASSY	USED ON	FINISH								
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2		SHEET 1 OF 1		

A

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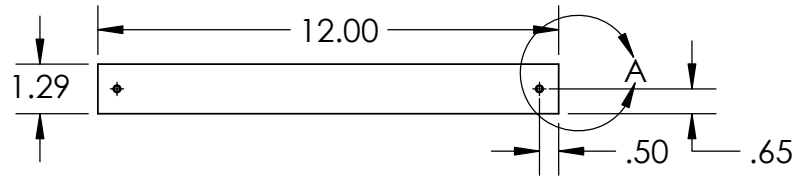
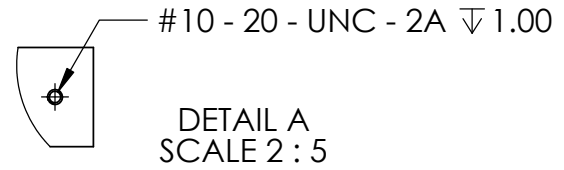
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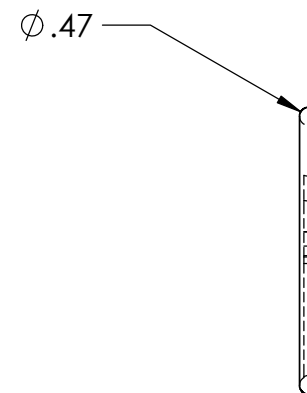
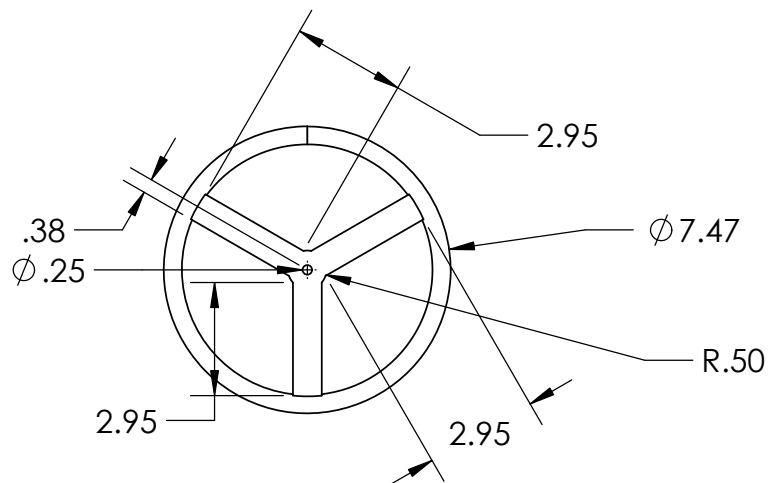


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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm$ ANGULAR: MACH $\pm$ BEND $\pm$ TWO PLACE DECIMAL $\pm$ THREE PLACE DECIMAL $\pm$	DRAWN	MS	4/16/20	TITLE:  Rack Plate	
				CHECKED				
				ENG APPR.				
				MFG APPR.				
			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO. REV <b>A</b> <b>STP05</b>	
			MATERIAL	COMMENTS:				
	NEXT ASSY	USED ON	FINISH					
	APPLICATION		DO NOT SCALE DRAWING	SCALE: 1:5		SHEET 1 OF 1		

1

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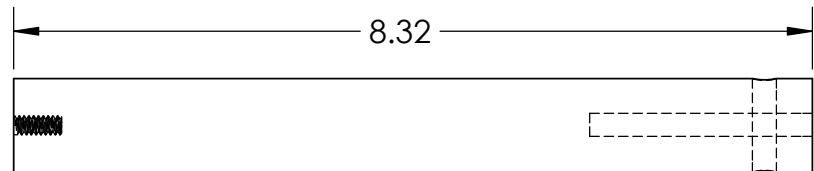
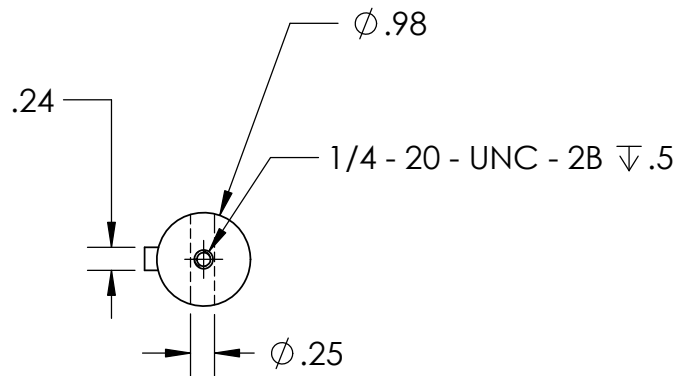
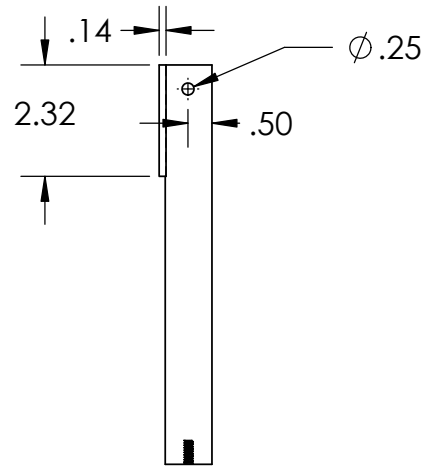
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			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	MS	4/16/20	TITLE:  Steering Wheel		
				CHECKED					
				ENG APPR.					
				MFG APPR.					
			Q.A.						
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			MATERIAL						
	NEXT ASSY	USED ON	FINISH						
	APPLICATION		DO NOT SCALE DRAWING						



B

B



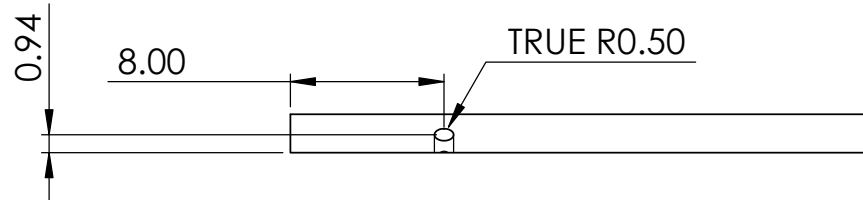
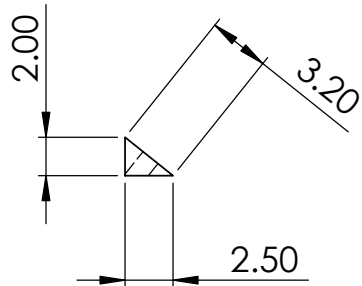
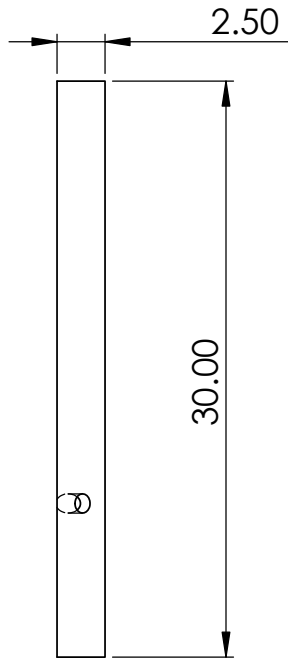
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/16/20	TITLE:  Steering Shaft		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:				<b>A</b>	STP07	
		MATERIAL				SCALE: 1:2		SHEET 1 OF 1
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						

B

B



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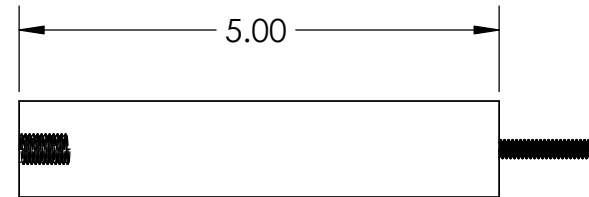
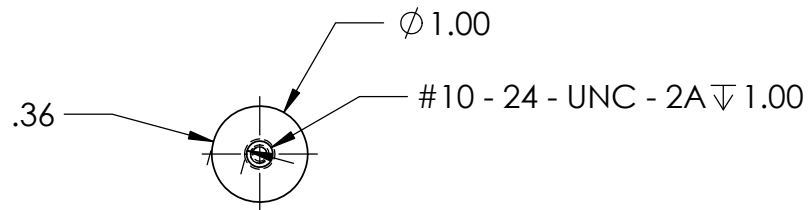
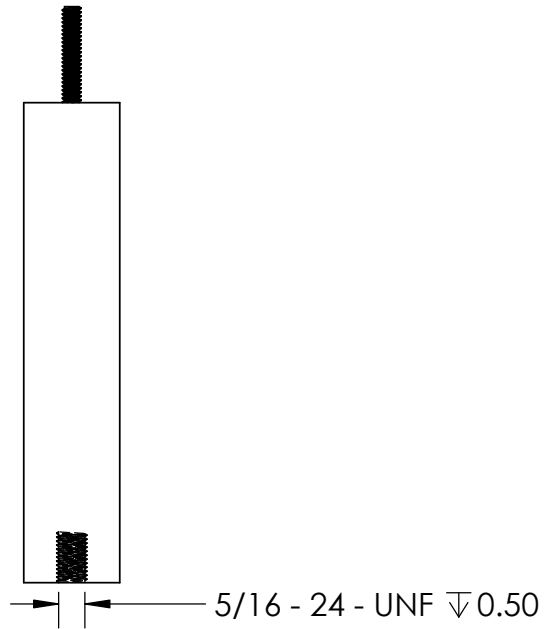
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>		
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/16/20	TITLE:  Steering Shaft Positioner		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL    ±	Q.A.					
		THREE PLACE DECIMAL    ±	COMMENTS:			SIZE	DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:				<b>A</b>	<b>STP08</b>	
		MATERIAL				SCALE: 1:10		
		FINISH				SHEET 1 OF 1		
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						

B

B

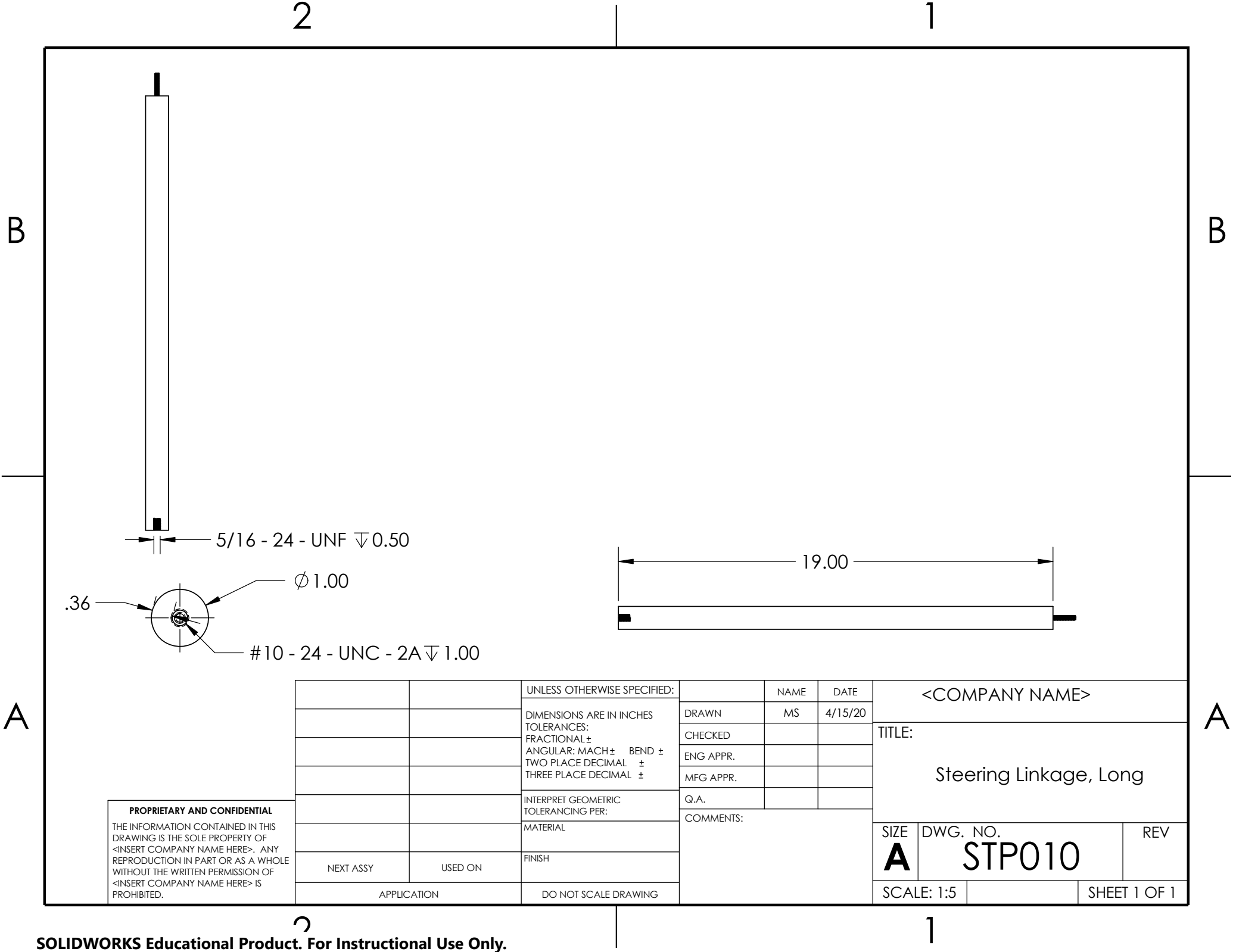


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<COMPANY NAME>				
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	MS	4/16/20	TITLE:  Steering Linkage, Short				
	CHECKED									
	ENG APPR.									
	MFG APPR.									
	Q.A.									
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			SIZE	DWG. NO.	REV		
		MATERIAL				<b>A</b>	<b>STP09</b>			
NEXT ASSY	USED ON	FINISH				SCALE: 1:2				SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING								



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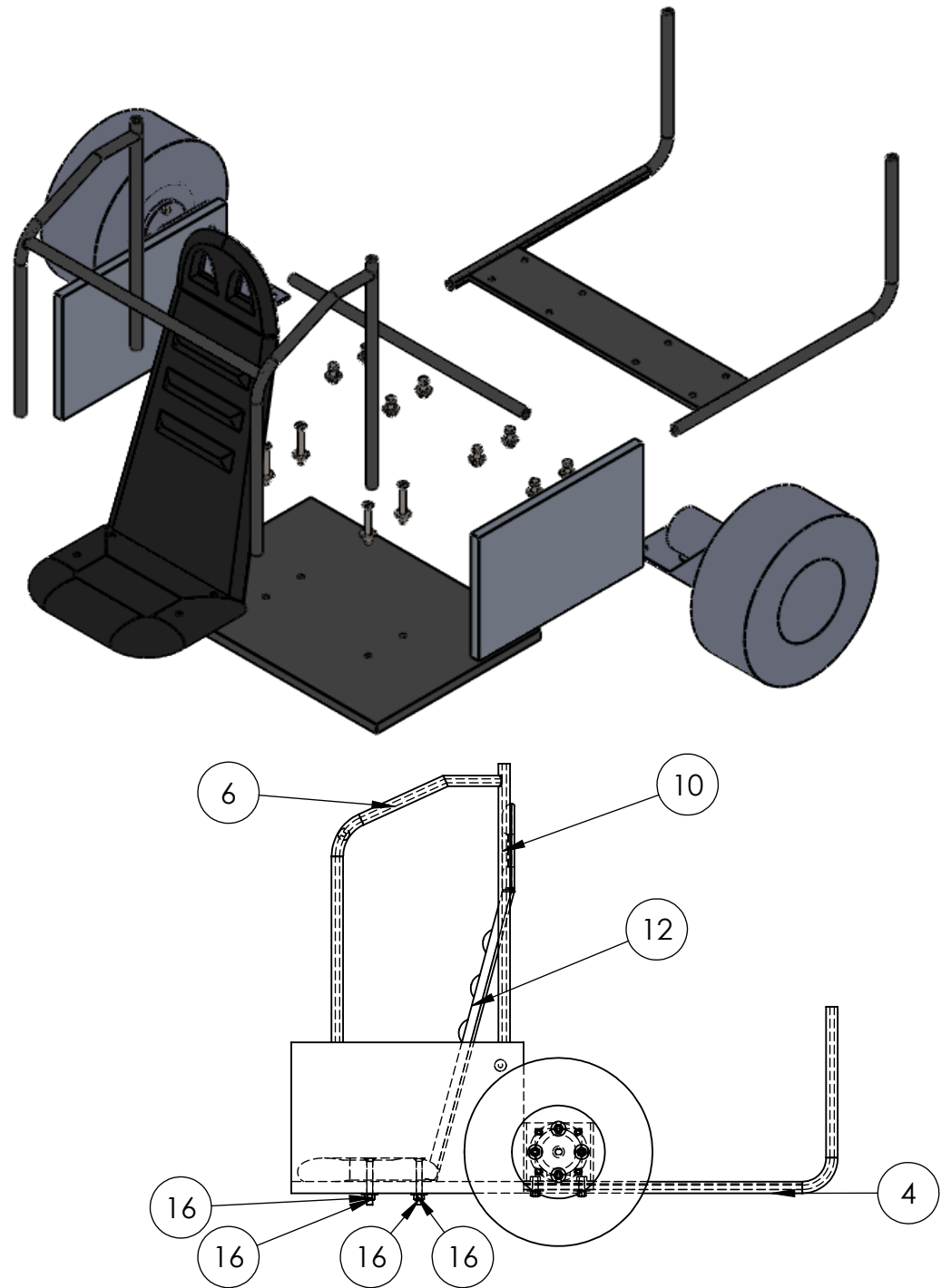
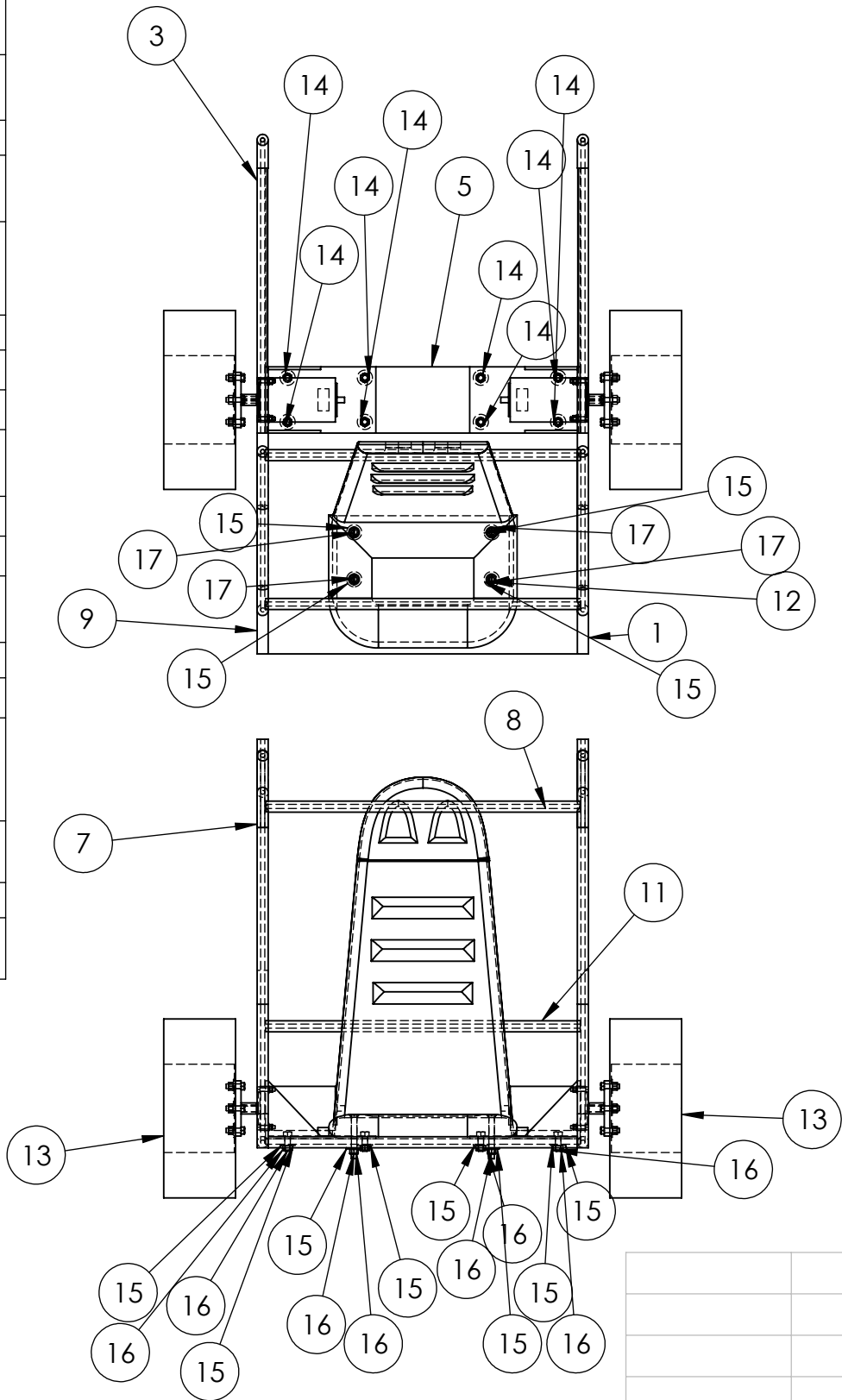
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	MS	4/15/20
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

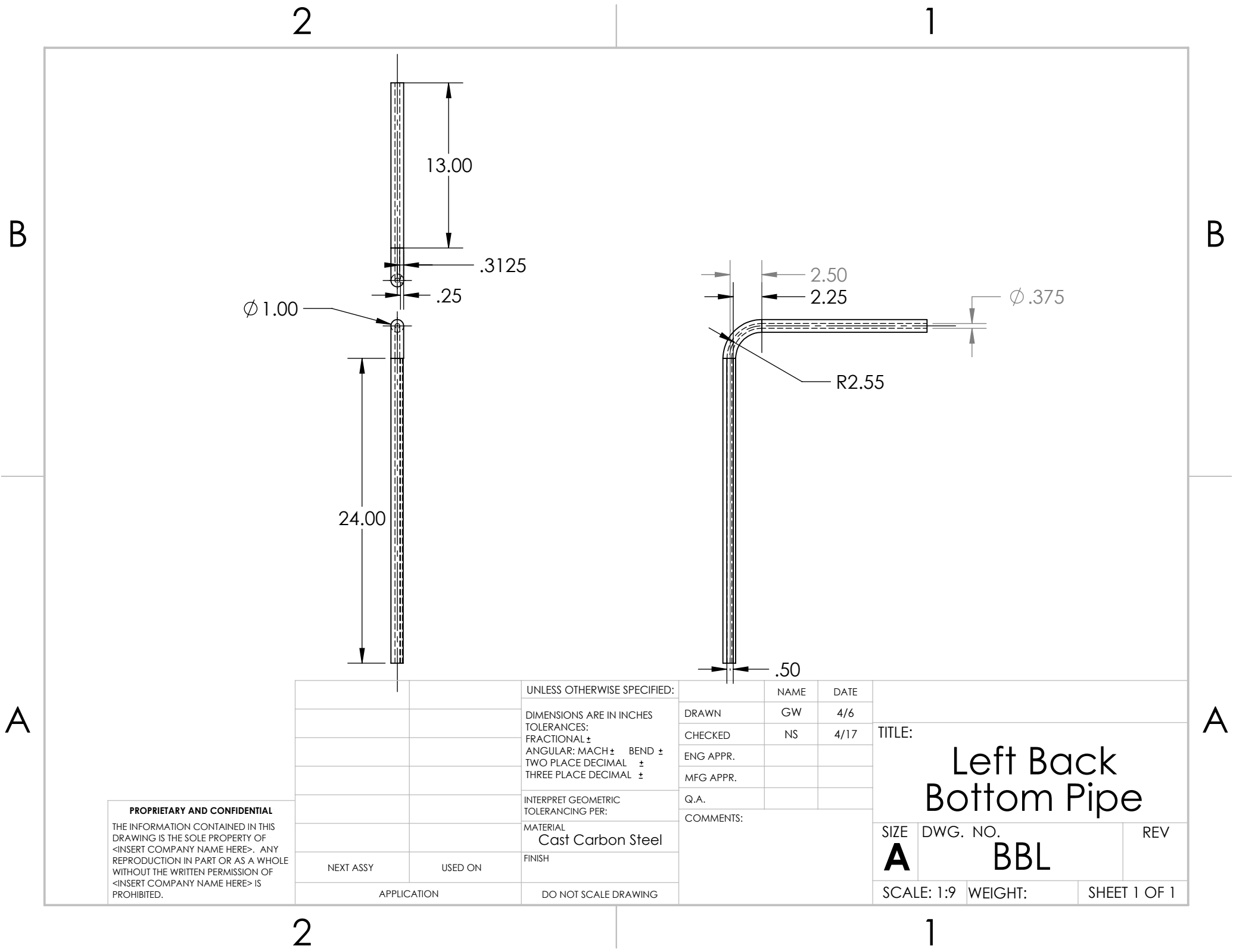
<COMPANY NAME>		
TITLE:		
Steering Linkage, Long		
SIZE	DWG. NO.	REV
<b>A</b>	<b>STP010</b>	
SCALE: 1:5		SHEET 1 OF 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SPL	Left Side Panel	1
2	BP	Bottom Panel	1
3	BBR	Right Back Bottom Pipe	1
4	BBL	Left Back Bottom Pipe	1
5	BC	Bottom Connector	1
6	FTL	Left Front Top Pipe	1
7	FTR	Right Front Top Pipe	1
8	TC	Top Connecting Pipe	1
9	SPR	Right Side Panel	1
10	BT	Back Top Pipe	2
11	FB	Front Back Connecting Pipe	1
12	seat	Seat	1
13	EA1	Electrical Assembly	2
14	HBOLT 0.5000-13x1.375x1.25-N	Bolt for connecting electrical assembly and middle chassis	8
15	Preferred Wide FW 0.5	Washer	12
16	HNUT 0.5000-13-D-N	Nut for the bolt	12
17	CSBOLT 0.2500-20x1x0.75-S-N	Bolt for the seat	4



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<INSERT COMPANY NAME HERE> IS  
PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:  Middle Chassis Assembly		
		DIMENSIONS ARE IN INCHES	DRAWN	GW	4/17			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL    ±						
		THREE PLACE DECIMAL    ±						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.					
		MATERIAL	COMMENTS:			SIZE	DWG. NO.	REV
		FINISH				B	MC (1)	
NEXT ASSY	USED ON					SCALE: 1:15 WEIGHT:		SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING						



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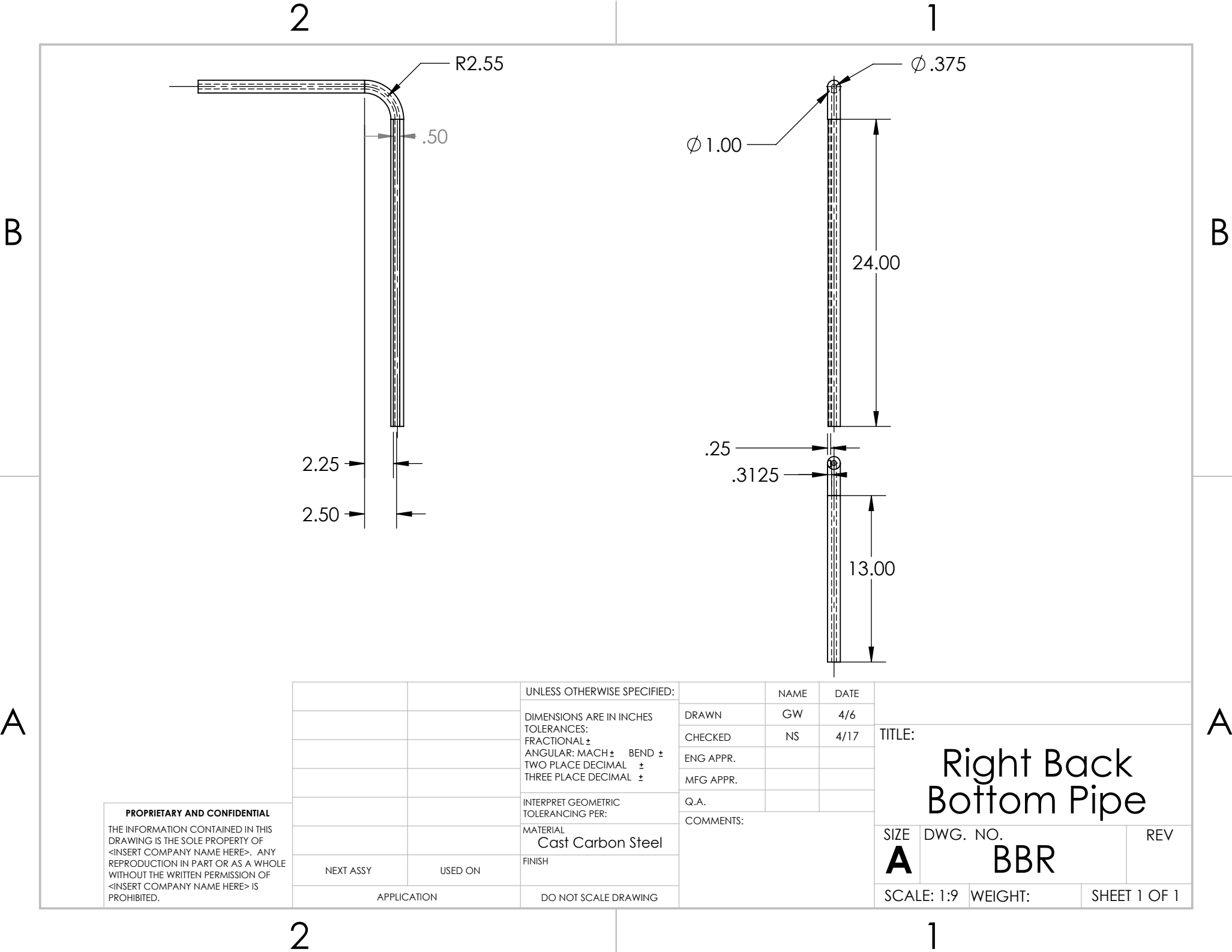
		UNLESS OTHERWISE SPECIFIED:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL $\pm$
		ANGULAR: MACH $\pm$ BEND $\pm$
		TWO PLACE DECIMAL $\pm$
		THREE PLACE DECIMAL $\pm$
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
		Cast Carbon Steel
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	GW	4/6
CHECKED	NS	4/17
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE:		
Left Back Bottom Pipe		
SIZE	DWG. NO.	REV
A	BBL	
SCALE: 1:9	WEIGHT:	SHEET 1 OF 1

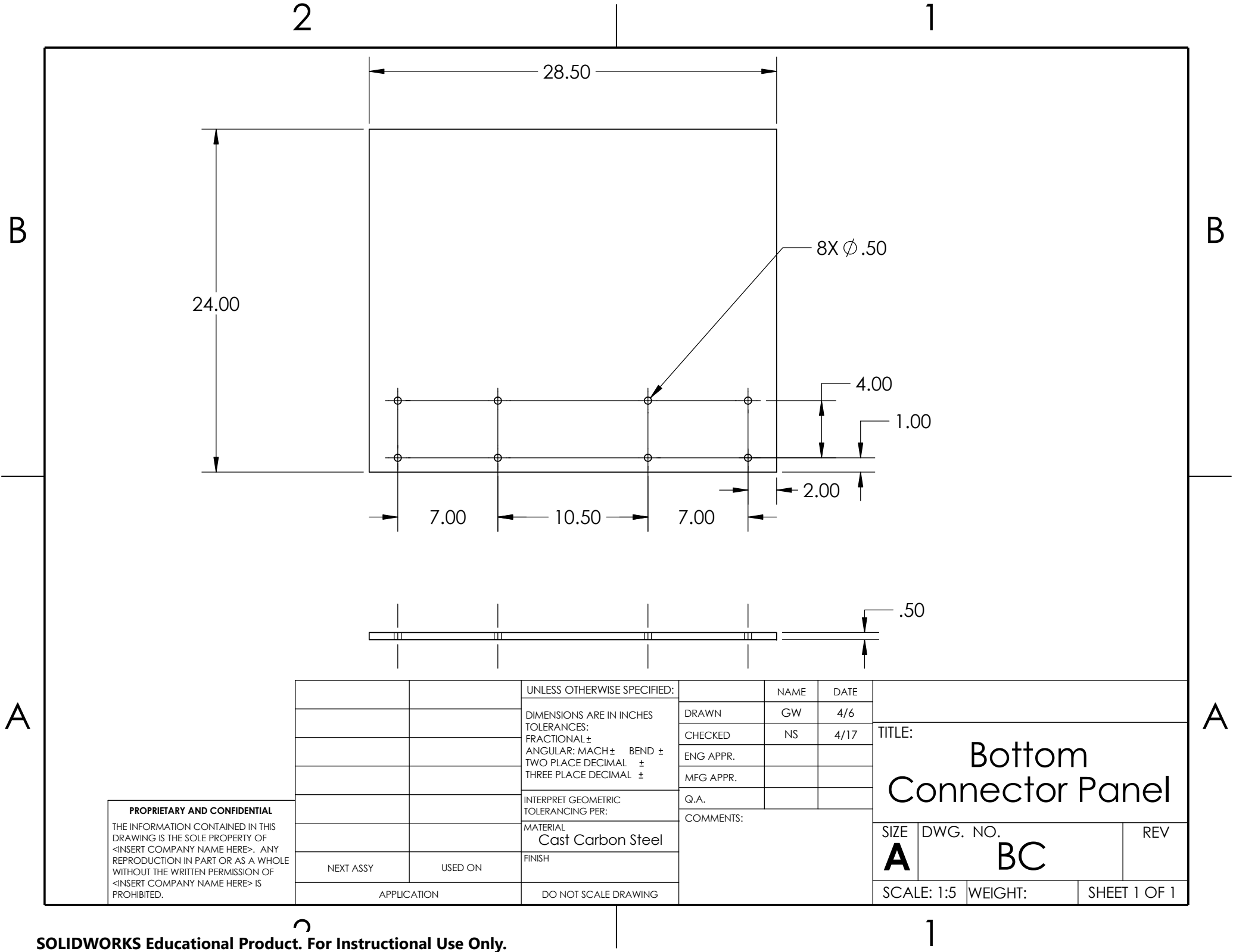
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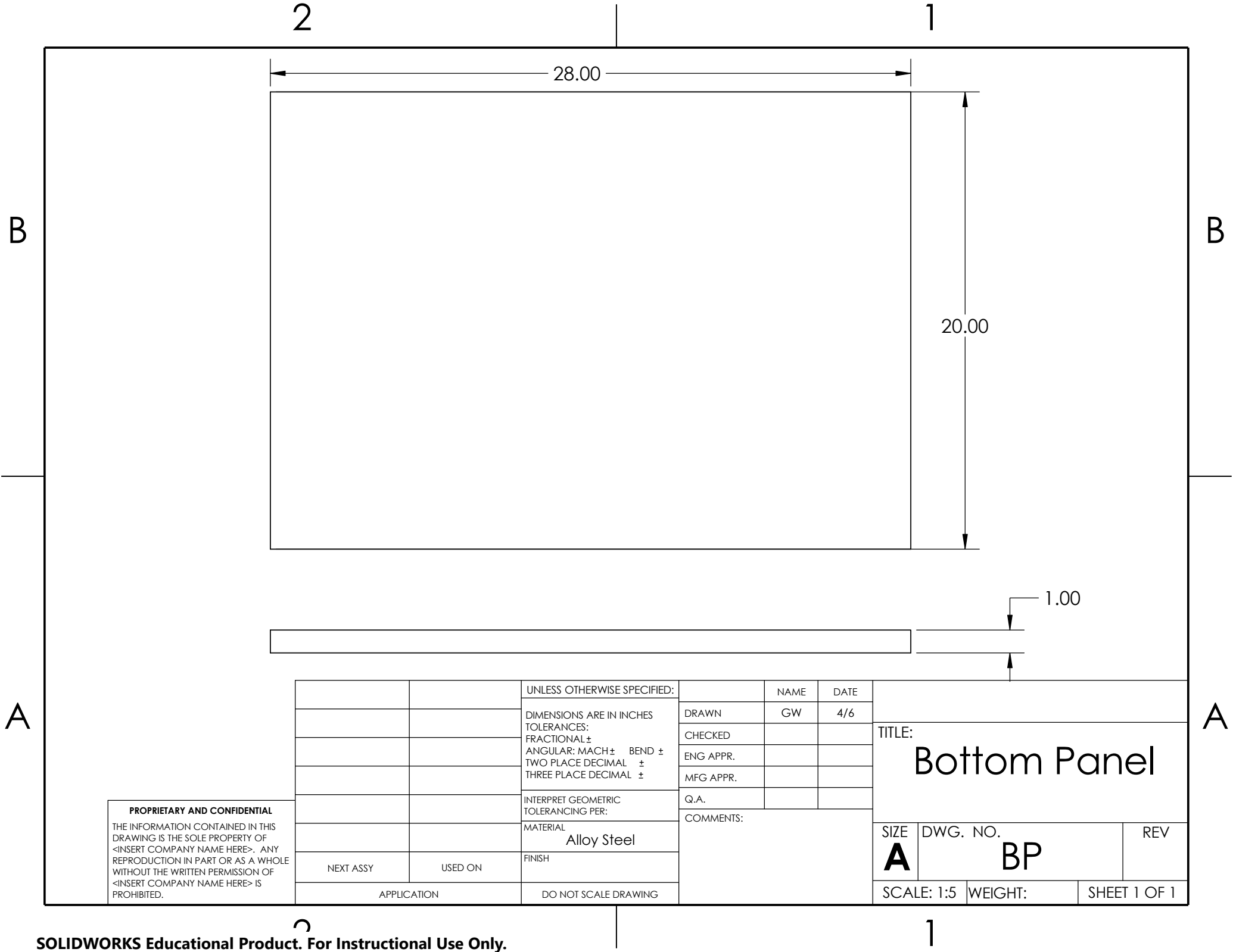


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:  <div>Right Back Bottom Pipe</div>			
		DIMENSIONS ARE IN INCHES	DRAWN	GW	4/6				
		TOLERANCES: FRACTIONAL ±	CHECKED	NS	4/17				
		ANGULAR: MACH ±      BEND ±	ENG APPR.						
		TWO PLACE DECIMAL      ±	MFG APPR.						
		THREE PLACE DECIMAL      ±	Q.A.			SIZE    DWG. NO.    REV <div>A                      BBR</div>			
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:						
		MATERIAL Cast Carbon Steel							
		FINISH							
NEXT ASSY	USED ON					SCALE: 1:9		WEIGHT:	SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING							







B

B

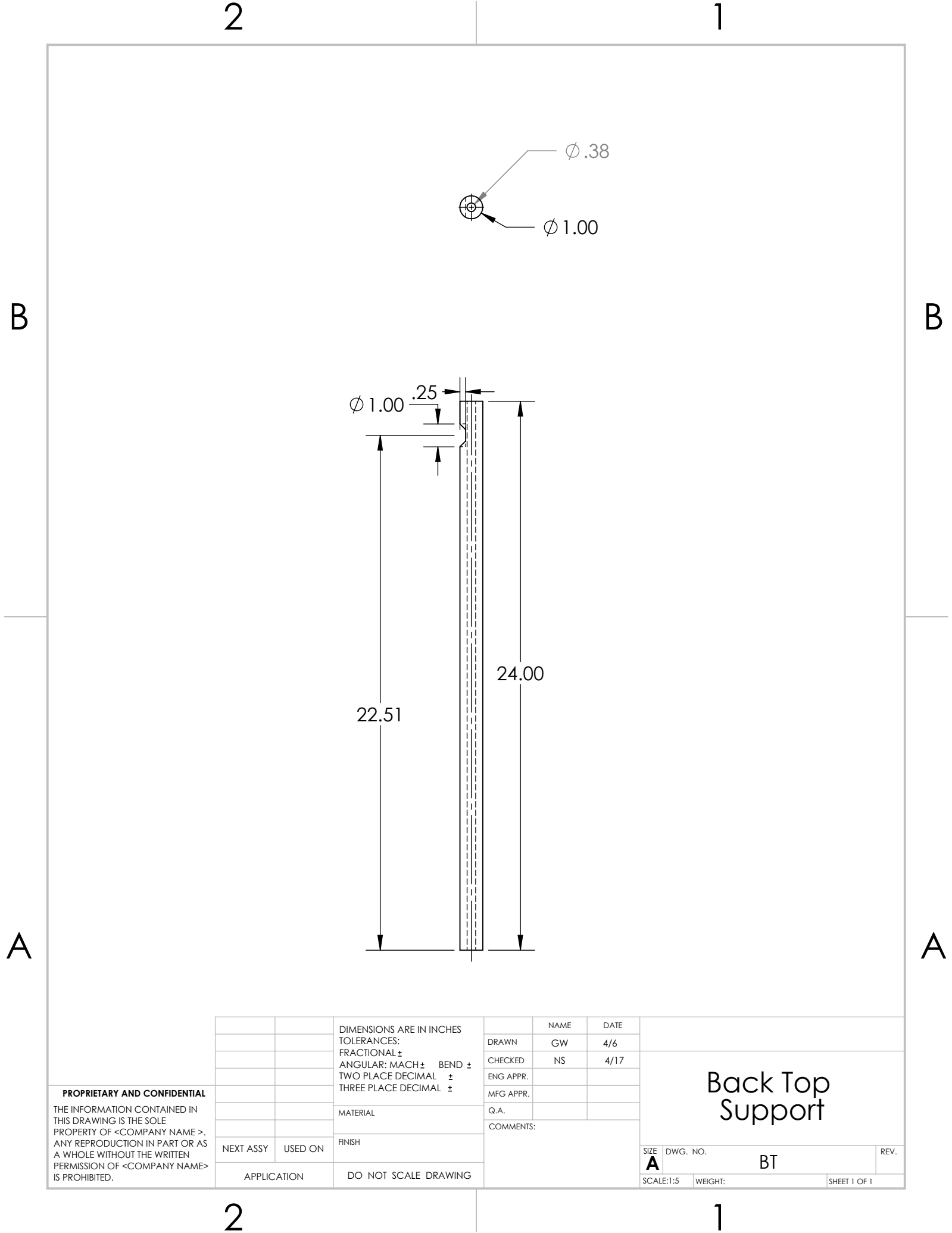
A

A

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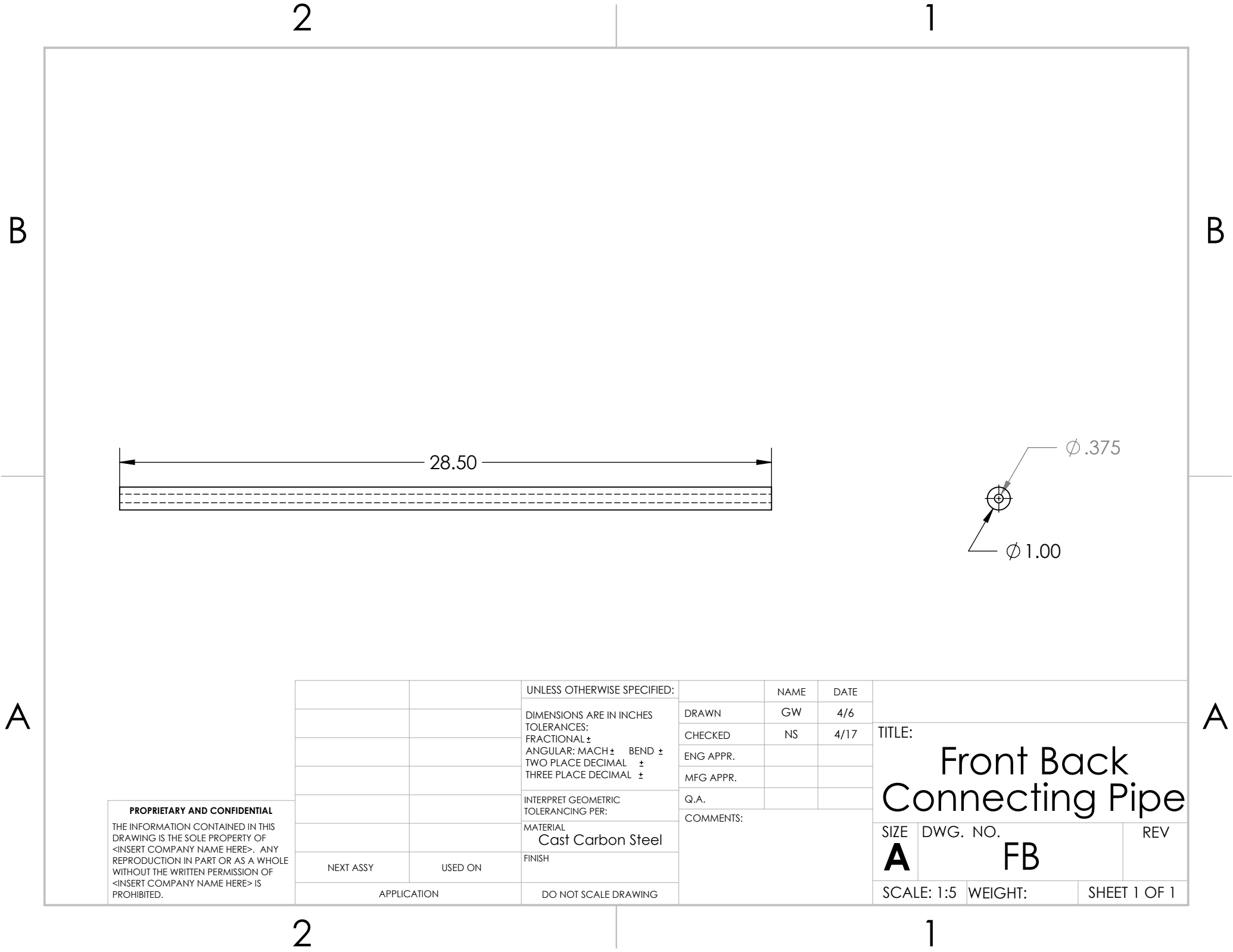
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		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		Alloy Steel			
NEXT ASSY	USED ON	FINISH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

TITLE: Bottom Panel		
SIZE A	DWG. NO. BP	REV
SCALE: 1:5	WEIGHT:	SHEET 1 OF 1

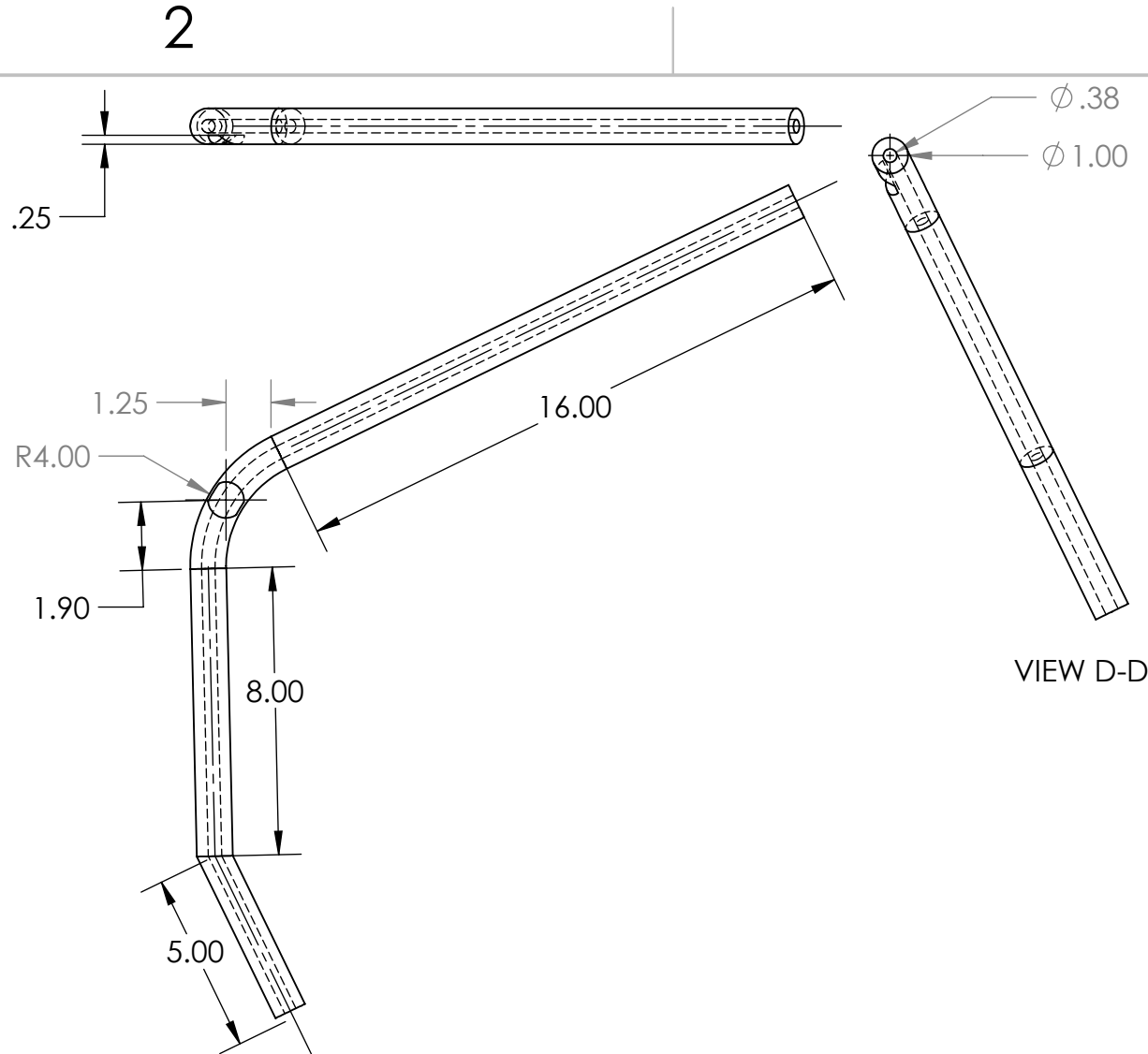


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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±		NAME	DATE	<div>Back Top Support</div>		
			DRAWN	GW	4/6			
			CHECKED	NS	4/17			
			ENG APPR.					
			MFG APPR.					
		MATERIAL	COMMENTS:			SIZE <b>A</b> DWG. NO.		



			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:  <div>Front Back Connecting Pipe</div>			
			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	GW	4/6				
				CHECKED	NS	4/17				
				ENG APPR.						
				MFG APPR.						
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			MATERIAL Cast Carbon Steel	COMMENTS:						
			FINISH							
		NEXT ASSY	USED ON					SCALE: 1:5	WEIGHT:	SHEET 1 OF 1
		APPLICATION		DO NOT SCALE DRAWING						



A

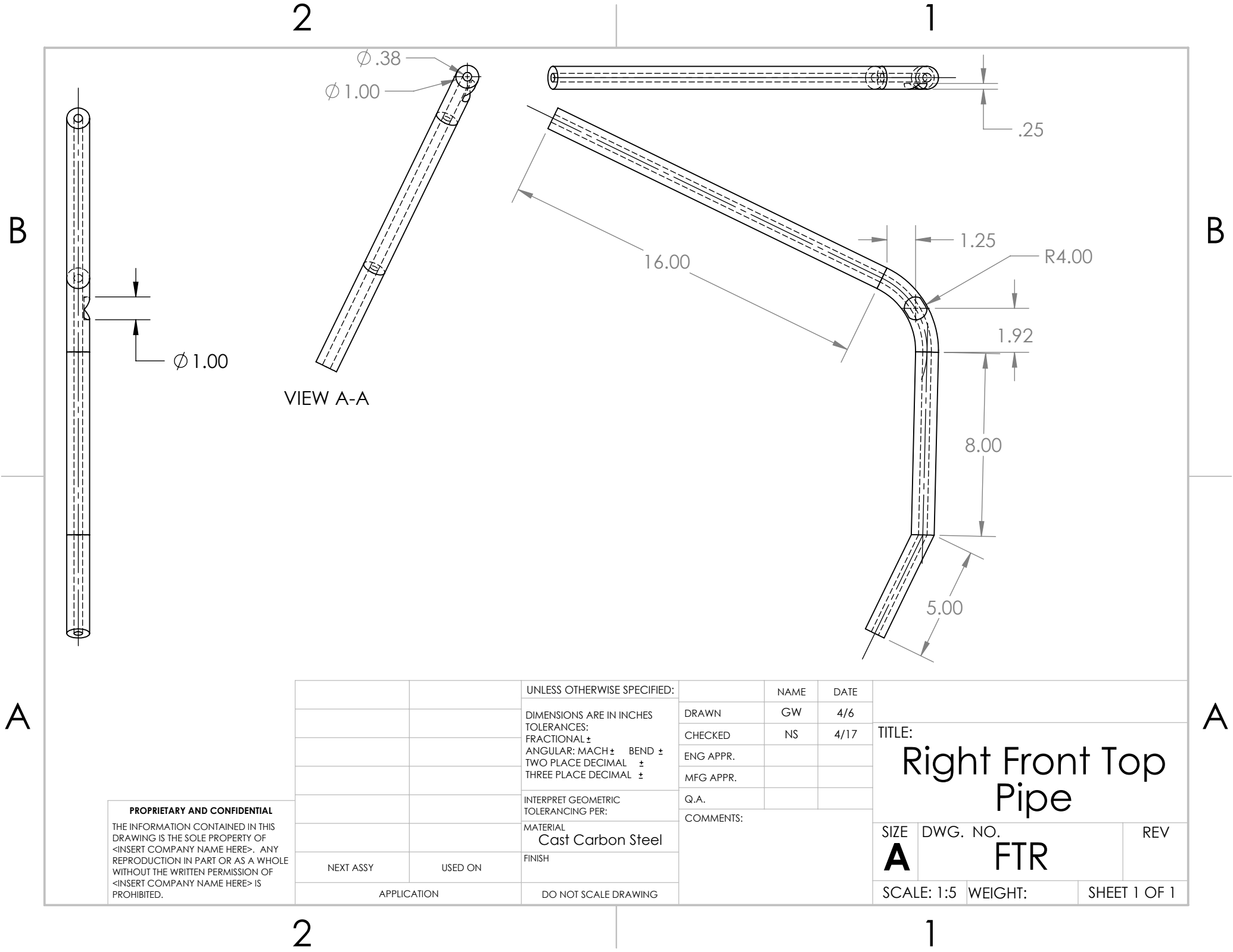
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:  <div>Left Front Top Pipe</div>		
		DIMENSIONS ARE IN INCHES	DRAWN	GW	4/6			
		TOLERANCES: FRACTIONAL ±	CHECKED	NS	4/17			
		ANGULAR: MACH ±    BEND ±	ENG APPR.					
		TWO PLACE DECIMAL    ±	MFG APPR.					
		THREE PLACE DECIMAL    ±				SIZE	DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			A	FTL	
		MATERIAL Cast Carbon Steel	COMMENTS:					
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:5	WEIGHT:	SHEET 1 OF 1

2

1



A

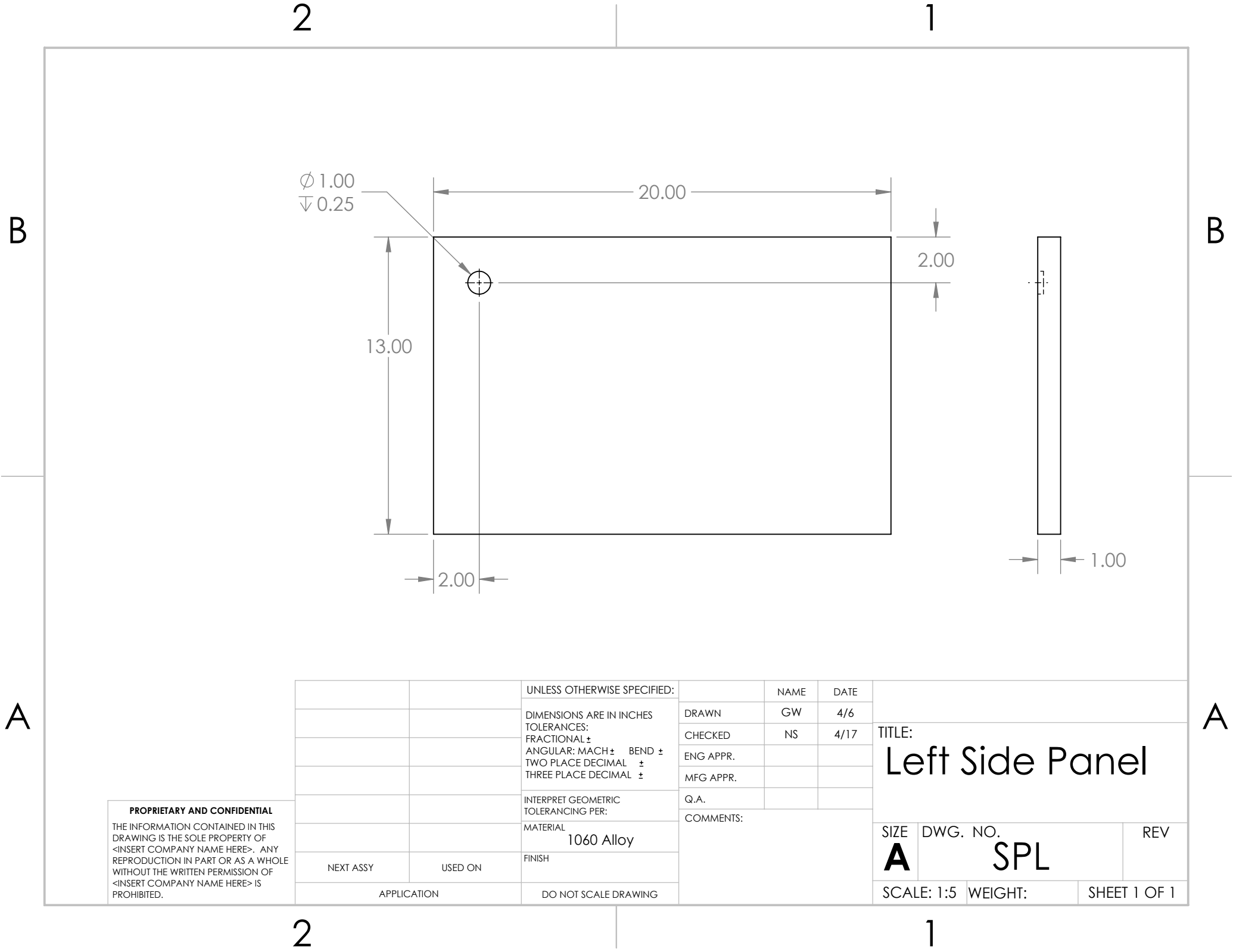
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>Right Front Top Pipe</div>		
		DIMENSIONS ARE IN INCHES	DRAWN	GW	4/6			
		TOLERANCES:	CHECKED	NS	4/17			
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL    ±	Q.A.			SIZE    DWG. NO.    REV <div>A                      FTR</div>		
		THREE PLACE DECIMAL    ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
		Cast Carbon Steel						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:5    WEIGHT:    SHEET 1 OF 1		

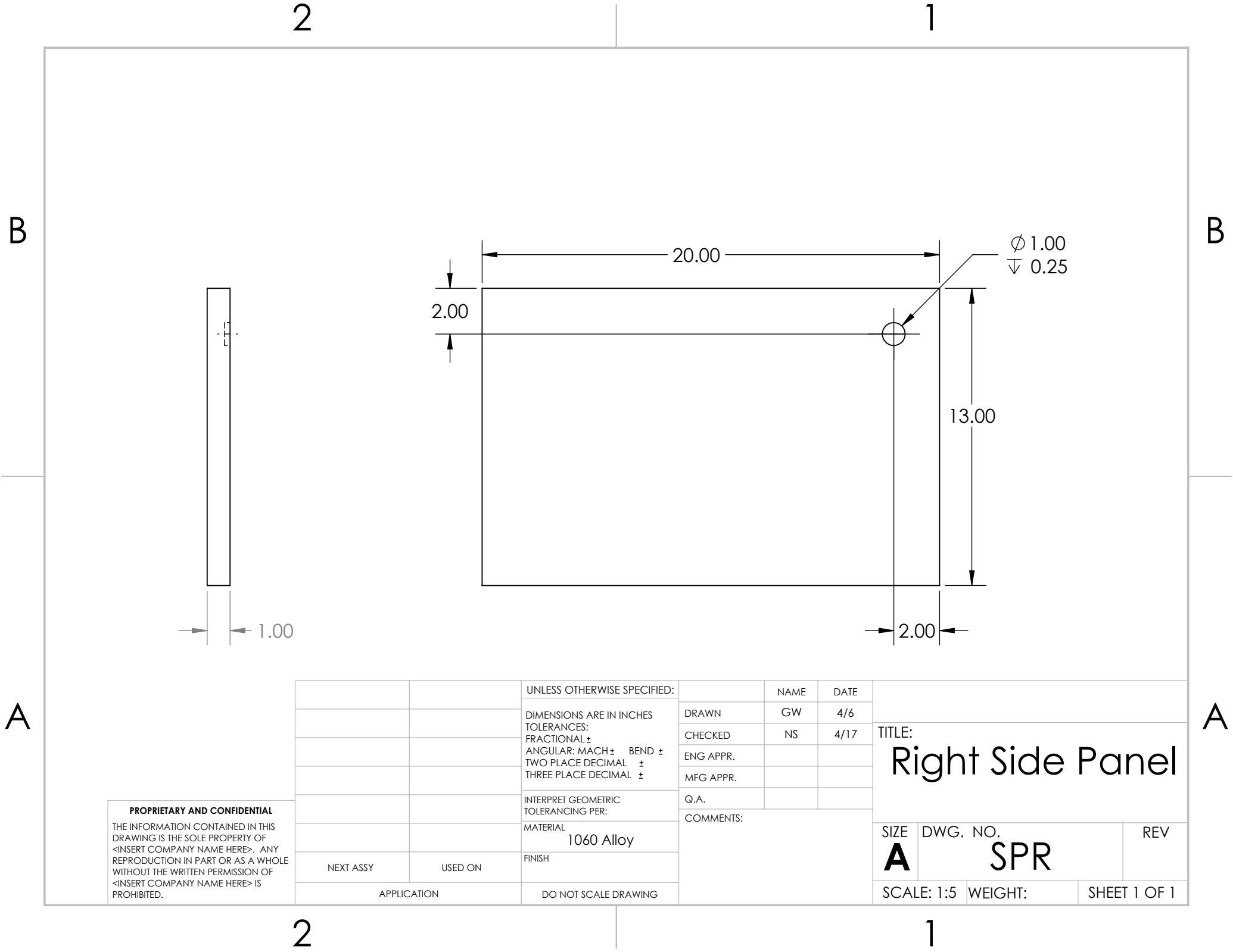
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1



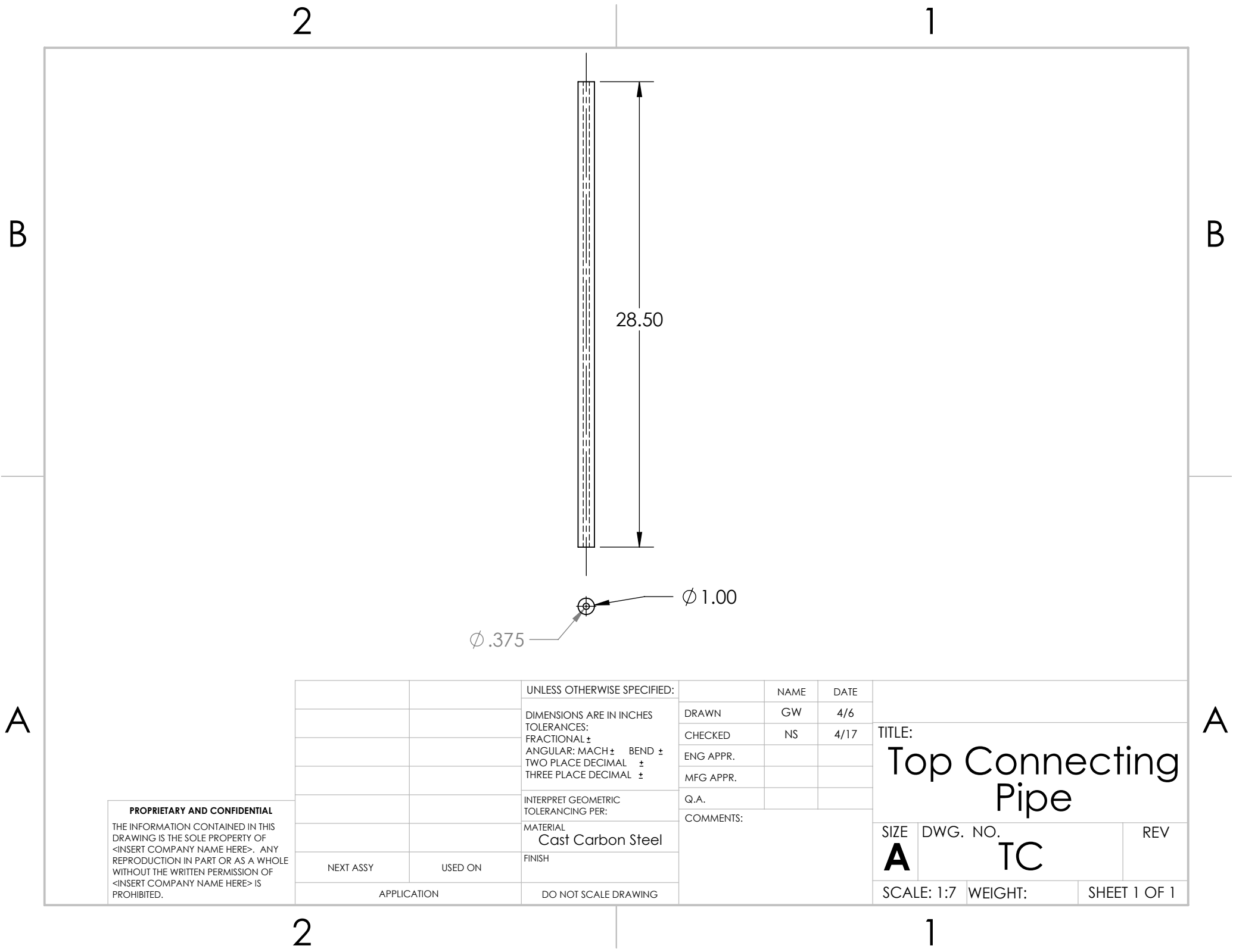
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		UNLESS OTHERWISE SPECIFIED:	DRAWN	NAME	DATE	TITLE:  Left Side Panel			
		DIMENSIONS ARE IN INCHES	CHECKED	GW	4/6				
		TOLERANCES:	ENG APPR.	NS	4/17				
		FRACTIONAL ±	MFG APPR.						
		ANGULAR: MACH ±    BEND ±	Q.A.						
		TWO PLACE DECIMAL    ±	COMMENTS:			SIZE    DWG. NO.    REV  A    SPL			
		THREE PLACE DECIMAL    ±							
		INTERPRET GEOMETRIC TOLERANCING PER:							
		MATERIAL							
		1060 Alloy							
		FINISH							
NEXT ASSY	USED ON								
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:5		WEIGHT:	SHEET 1 OF 1



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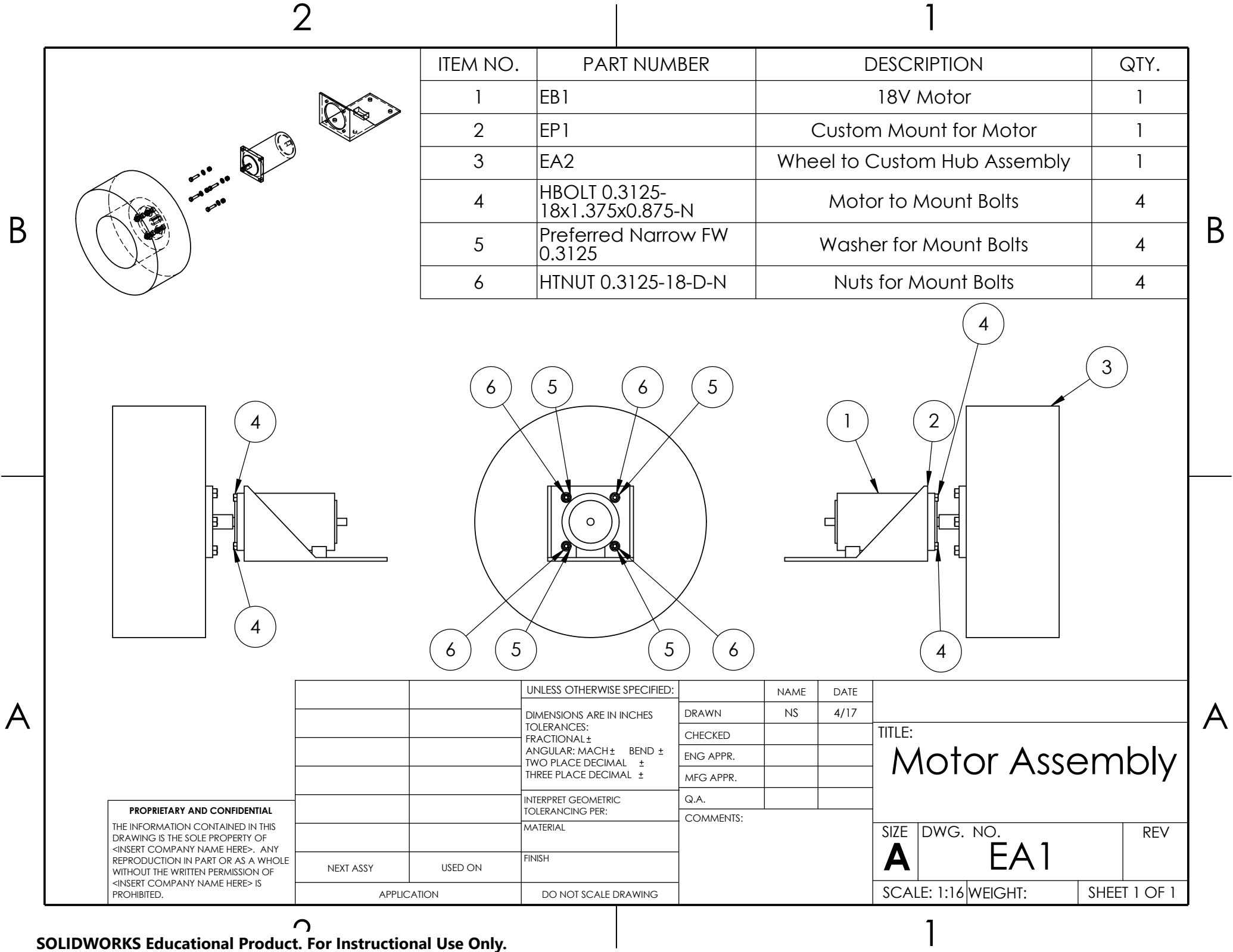
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		TOLERANCES:	ENG APPR.	NS	4/17			
		FRACTIONAL ±	MFG APPR.					
		ANGULAR: MACH ±    BEND ±	Q.A.					
		TWO PLACE DECIMAL    ±	COMMENTS:			SIZE    DWG. NO.    REV  A    SPR		
		THREE PLACE DECIMAL    ±						
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
		1060 Alloy						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:5    WEIGHT:    SHEET 1 OF 1		



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		UNLESS OTHERWISE SPECIFIED:	DRAWN	NAME	DATE	TITLE:  Top Connecting Pipe		
		DIMENSIONS ARE IN INCHES	CHECKED	GW	4/6			
		TOLERANCES: FRACTIONAL ±	ENG APPR.	NS	4/17			
		ANGULAR: MACH ±      BEND ±	MFG APPR.					
		TWO PLACE DECIMAL      ±	Q.A.					
		THREE PLACE DECIMAL      ±	COMMENTS:			SIZE    DWG. NO.    REV  A                    TC		
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL Cast Carbon Steel						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:7    WEIGHT:    SHEET 1 OF 1		



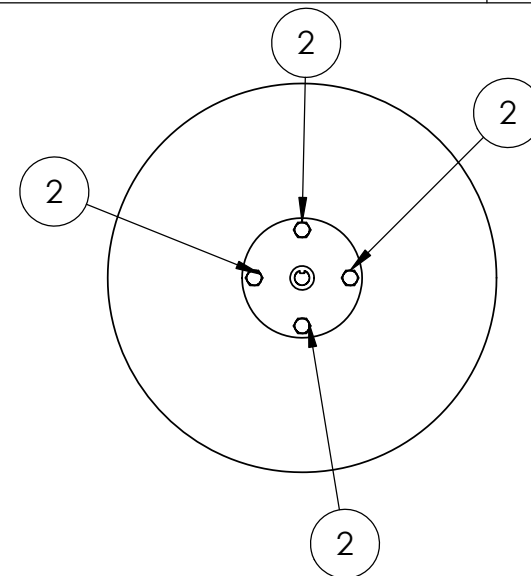
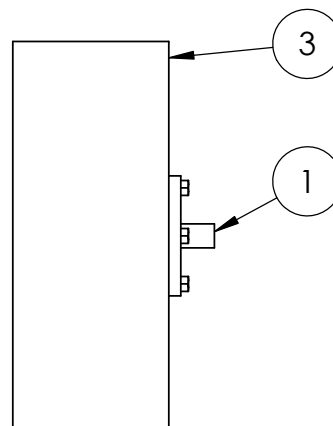
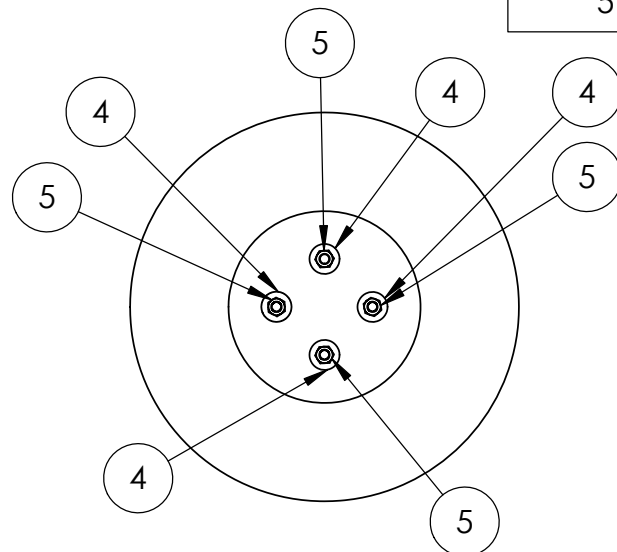
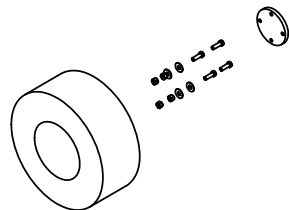


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EB1	18V Motor	1
2	EP1	Custom Mount for Motor	1
3	EA2	Wheel to Custom Hub Assembly	1
4	HBOLT 0.3125-18x1.375x0.875-N	Motor to Mount Bolts	4
5	Preferred Narrow FW 0.3125	Washer for Mount Bolts	4
6	HTNUT 0.3125-18-D-N	Nuts for Mount Bolts	4

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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	NS	4/17				
				CHECKED						
				ENG APPR.						
				MFG APPR.						
				INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE <div>A</div> <div>DWG. NO. EA1</div> <div>REV</div>		
			MATERIAL	COMMENTS:						
	NEXT ASSY	USED ON	FINISH							
	APPLICATION		DO NOT SCALE DRAWING							

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EP2	Custom Wheel Hub	1
2	HBOLT 0.4375-20x1.375x1.125-N	Wheel Lug	4
3	EB2	Purchased Turf Tire	1
4	Preferred Wide FW 0.4375	Washer on Wheel Lug	4
5	HTNUT 0.4375-14-D-N	Lug Nut	4



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PROHIBITED.

NEXT ASSY

USED ON

## APPLICATION

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL ±  
ANGULAR: MACH ± BEND ±  
TWO PLACE DECIMAL ±  
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC  
TOLERANCING PER:

[illegible]

FINISH

NAN

DATE \_\_\_\_\_

DRAWN

NS

4/10/20

CHECKED

MS

4/17/20

ENG APPR.

\_\_\_\_\_

Q.A.

\_\_\_\_\_

COMMENTS:

TITLE:	
--------	--

## Wheel to Custom Hub Assembly

SIZE	PRICE	SALES
Small	10	100
Medium	20	200
Large	30	300

DWG. NO.
----------

REV

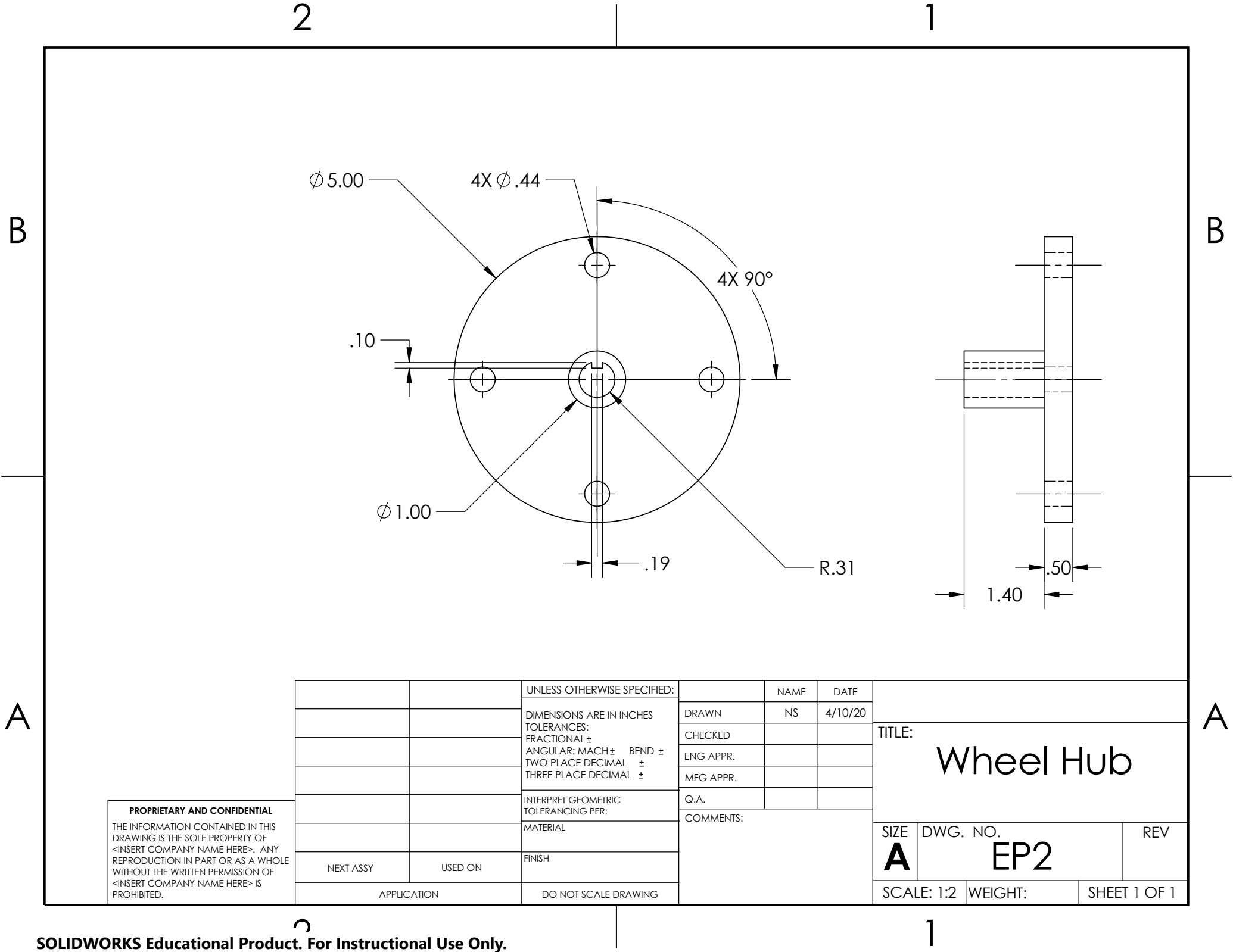
# A

# EA2

SCALE: 1:8

WEIGHT:

SHEET 1 OF 1



A

A

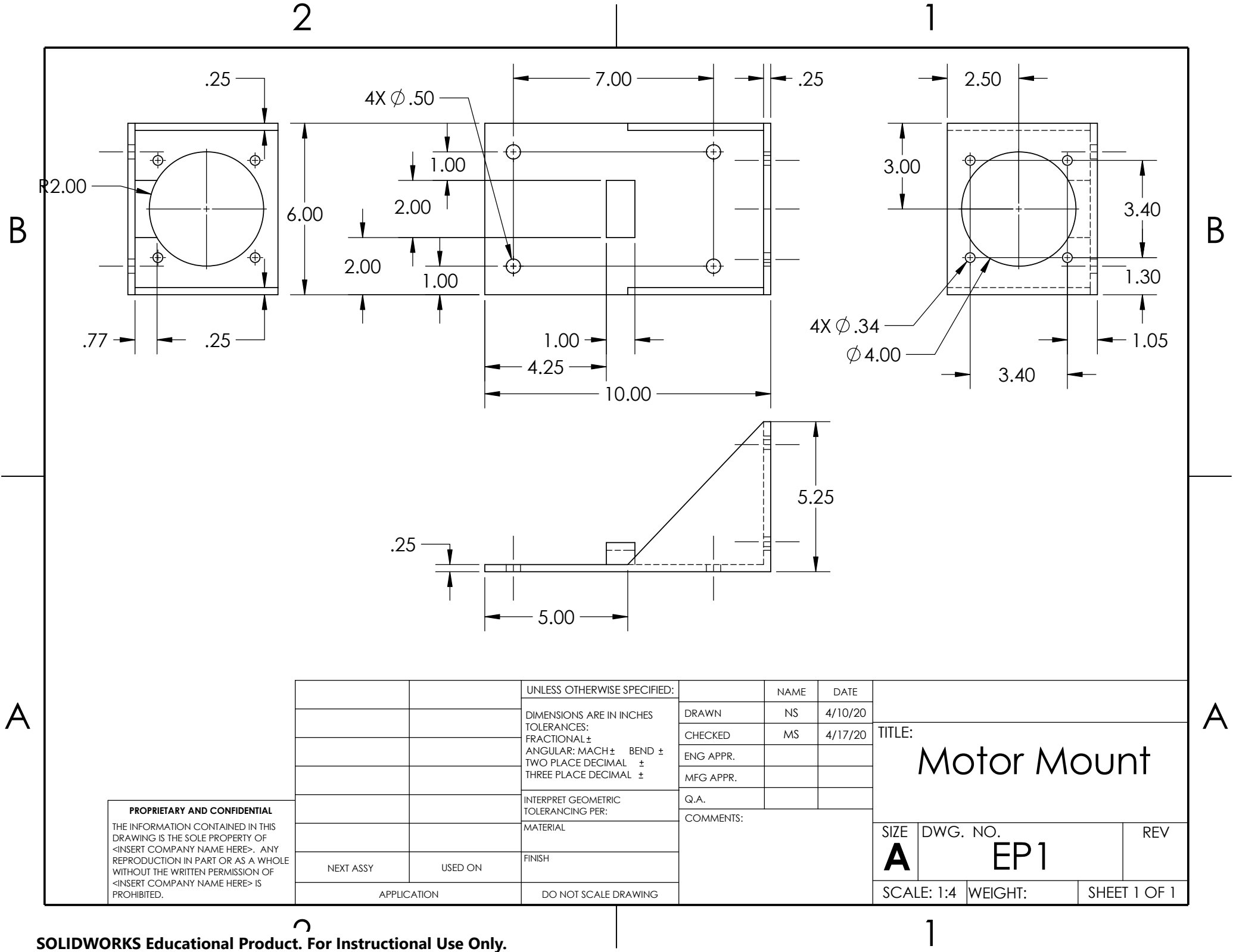
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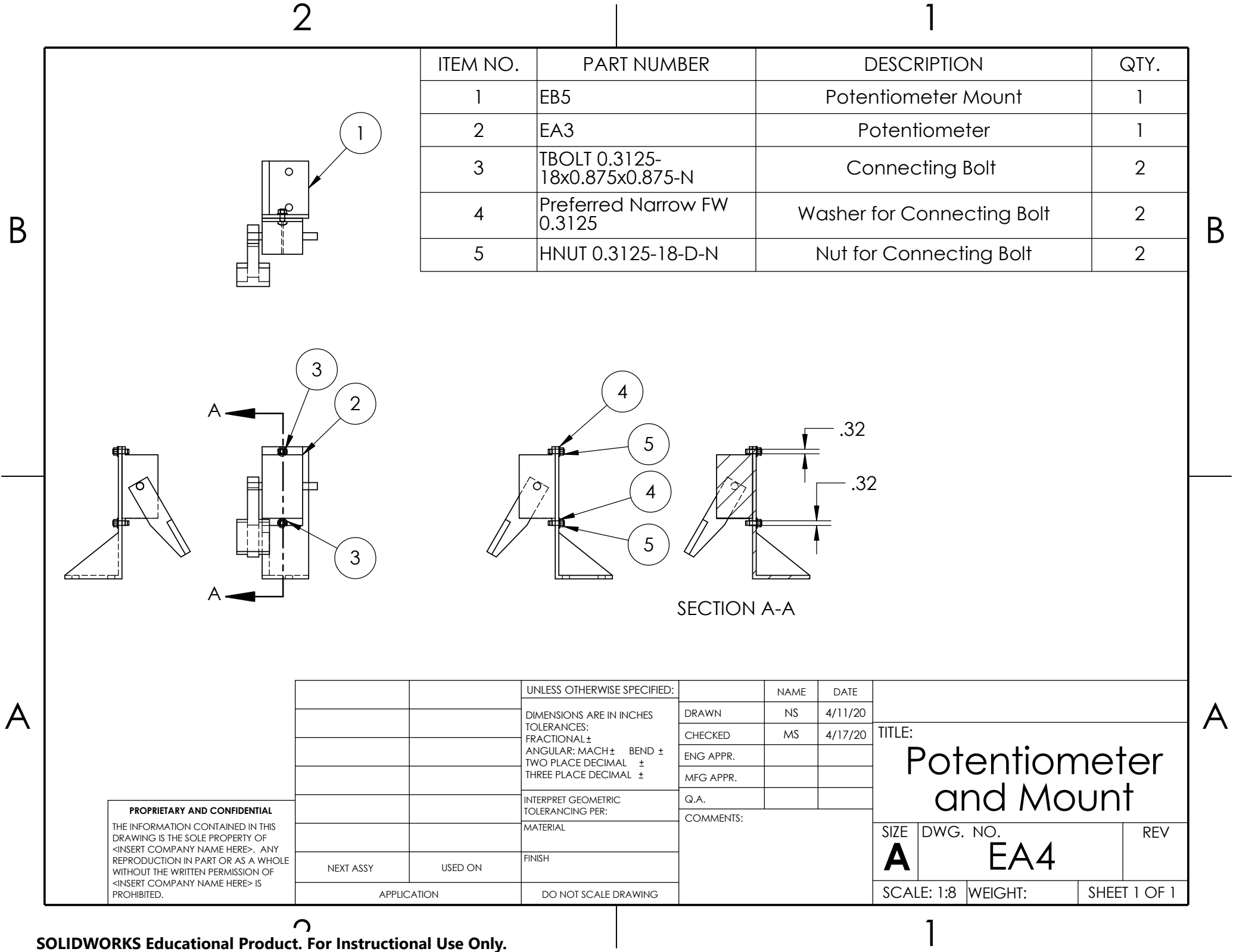
		UNLESS OTHERWISE SPECIFIED:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL $\pm$
		ANGULAR: MACH $\pm$ BEND $\pm$
		TWO PLACE DECIMAL $\pm$
		THREE PLACE DECIMAL $\pm$
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	NS	4/10/20
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:

TITLE: <b>Wheel Hub</b>		
SIZE <b>A</b>	DWG. NO. <b>EP2</b>	REV
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EB5	Potentiometer Mount	1
2	EA3	Potentiometer	1
3	TBOLT 0.3125-18x0.875x0.875-N	Connecting Bolt	2
4	Preferred Narrow FW 0.3125	Washer for Connecting Bolt	2
5	HNUT 0.3125-18-D-N	Nut for Connecting Bolt	2

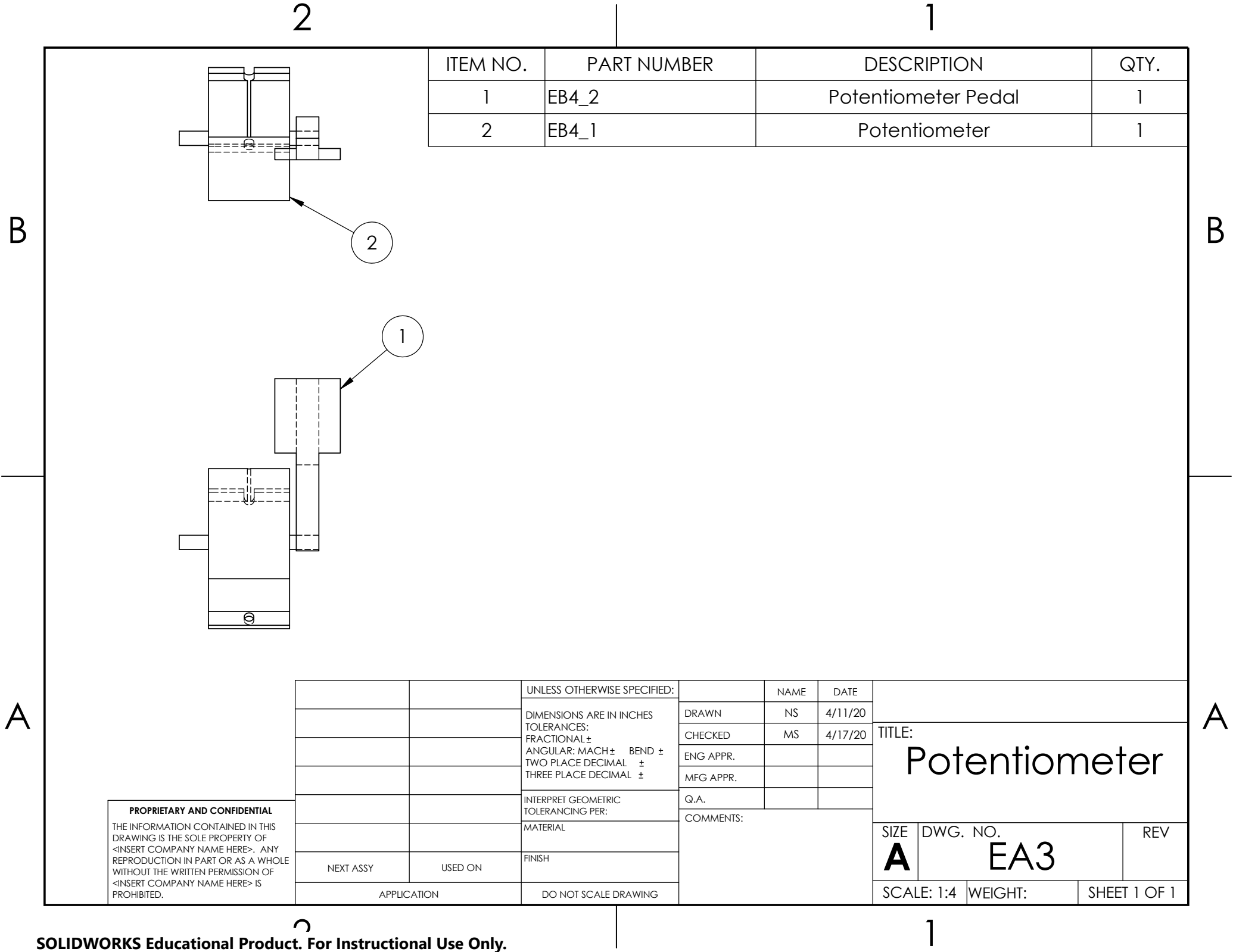
SECTION A-A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	NS	4/11/20
			CHECKED	MS	4/17/20
			ENG APPR.		
			MFG APPR.		
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
		MATERIAL	COMMENTS:		
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:  
**Potentiometer and Mount**

SIZE	DWG. NO.	REV
<b>A</b>	<b>EA4</b>	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1

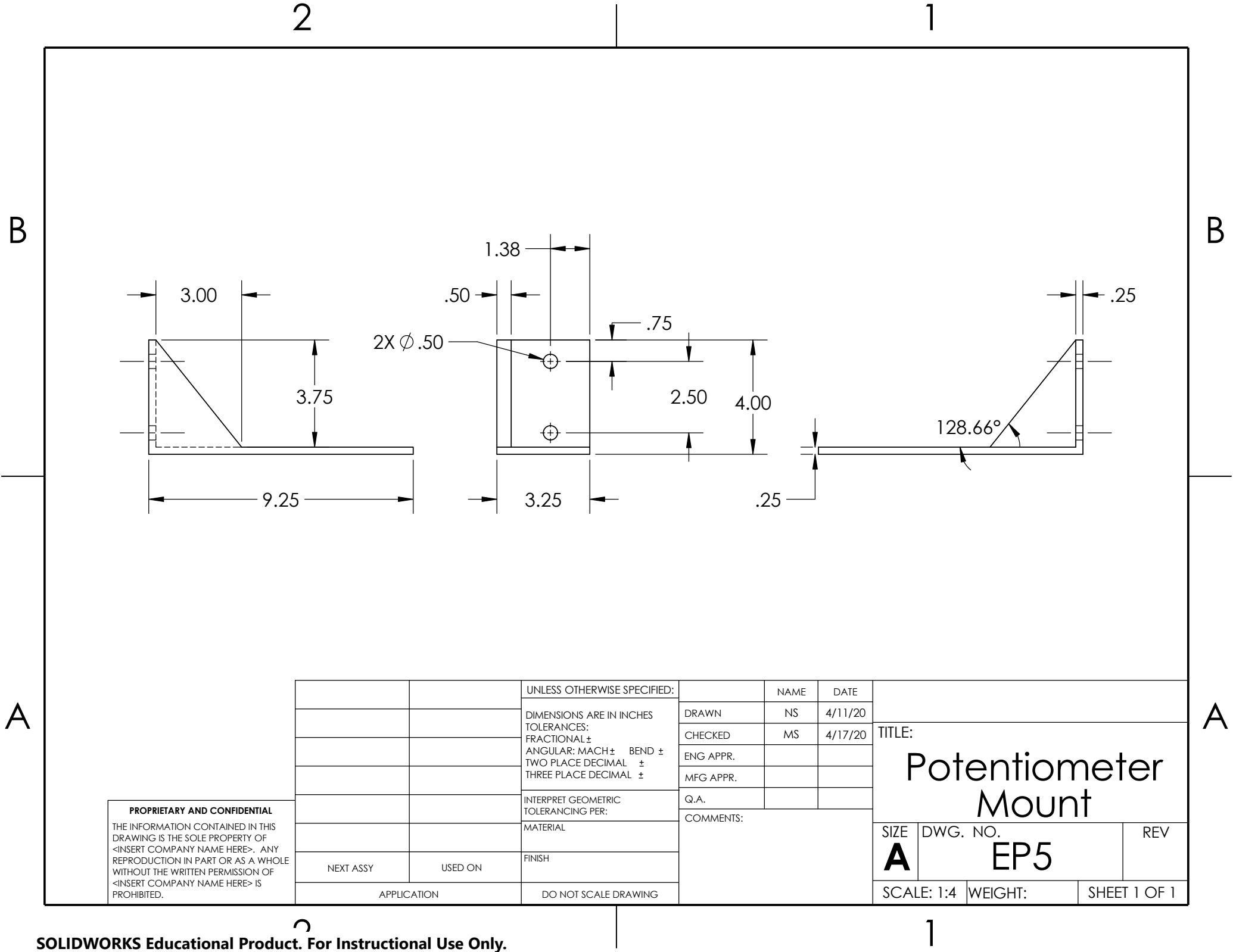


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EB4_2	Potentiometer Pedal	1
2	EB4_1	Potentiometer	1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	NS	4/11/20
		TOLERANCES:	CHECKED	MS	4/17/20
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE: <b>Potentiometer</b>			SIZE	DWG. NO.	REV
			<b>A</b>	<b>EA3</b>	
SCALE: 1:4		WEIGHT:	SHEET 1 OF 1		



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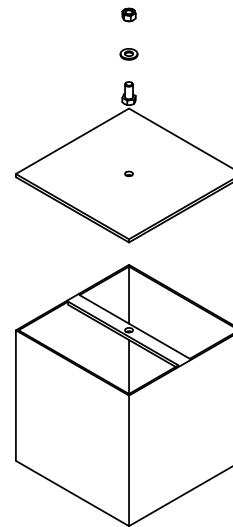
		UNLESS OTHERWISE SPECIFIED:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	NS	4/11/20
CHECKED	MS	4/17/20
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE:		
Potentiometer Mount		
SIZE	DWG. NO.	REV
A	EP5	
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1

1

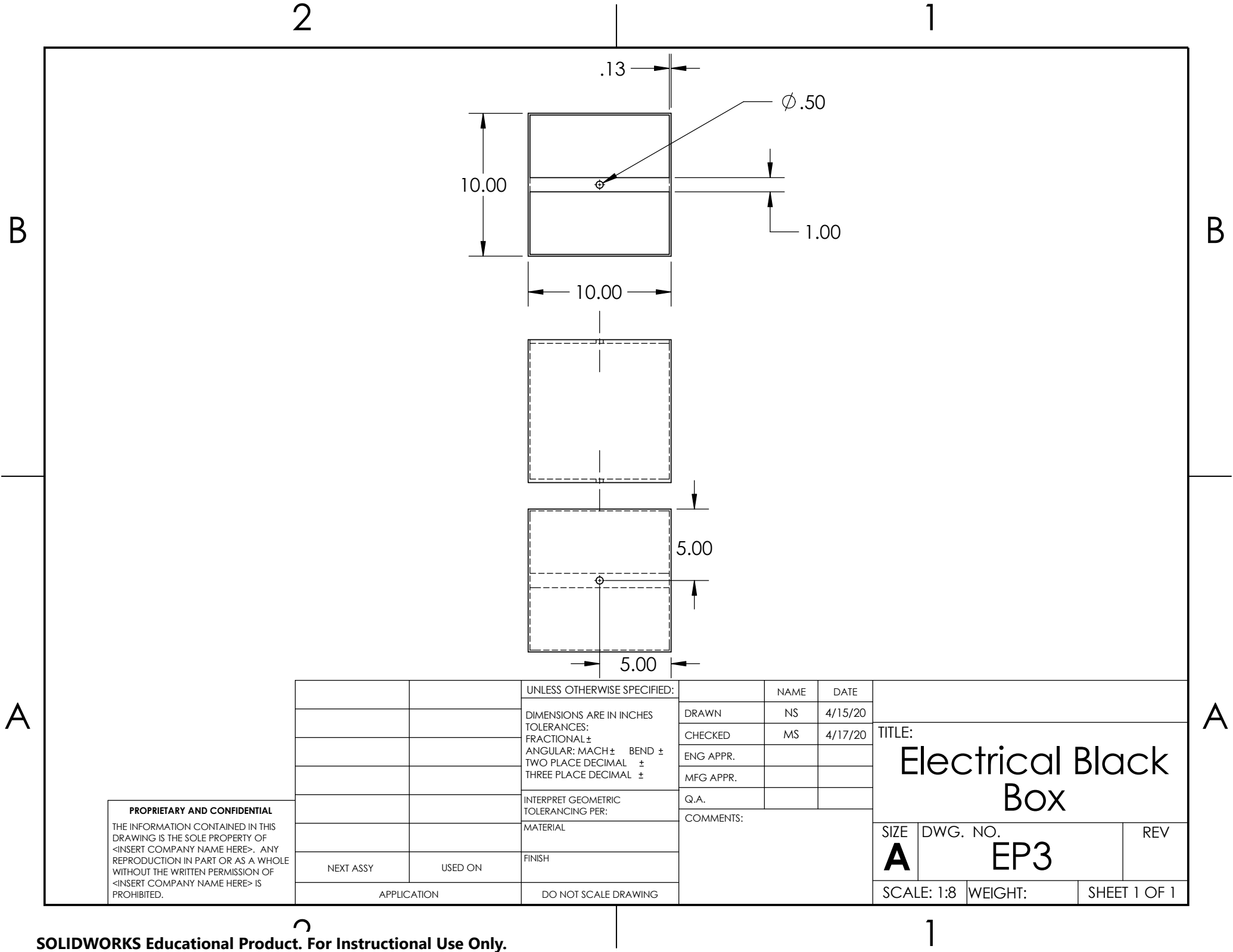
Diagram of a square frame with a dashed border and a solid border. A callout circle labeled '1' points to the solid border.



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A

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		TOLERANCES:
		FRACTIONAL $\pm$
		ANGULAR: MACH $\pm$ BEND $\pm$
		TWO PLACE DECIMAL $\pm$
		THREE PLACE DECIMAL $\pm$
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	NS	4/15/20
CHECKED	MS	4/17/20
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE:		
Electrical Black Box		
SIZE	DWG. NO.	REV
A	EP3	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1

