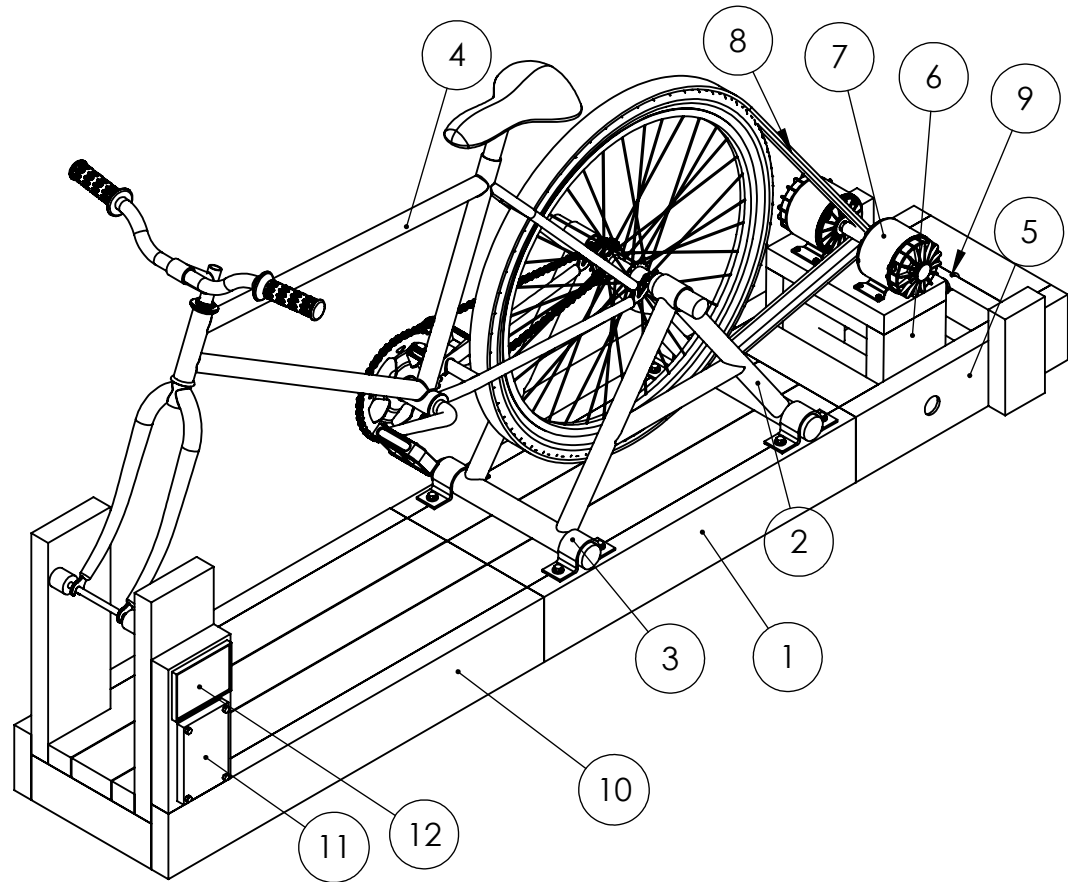


2

1

ITEM NO.	DESCRIPTION	QTY.
1	Bicycle Stand Base	1
2	Bicycle Stand	1
3	Brackets	4
4	Bicycle (Missing Front Wheel)	1
5	Generator Stand Base	1
6	Shifting Generator Base	1
7	Generator	1
8	Drive Belt	1
9	Tension Springs	2
10	Front Support Base	1
11	Power Controller	1
12	Power Display	1



B

B

A

A

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE		
		DIMENSIONS ARE IN INCHES	DRAWN	CH	4/25/26	TITLE: BikeStandv2(Alternator)
		TOLERANCES:	CHECKED			
		FRACTIONAL ±	ENG APPR.			
		ANGULAR: MACH ± BEND ±	MFG APPR.			
		TWO PLACE DECIMAL ±	Q.A.			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ±	COMMENTS:			A 1
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:11 WEIGHT: SHEET 1 OF 1
		MATERIAL				
NEXT ASSY	USED ON	FINISH				
APPLICATION		DO NOT SCALE DRAWING				

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

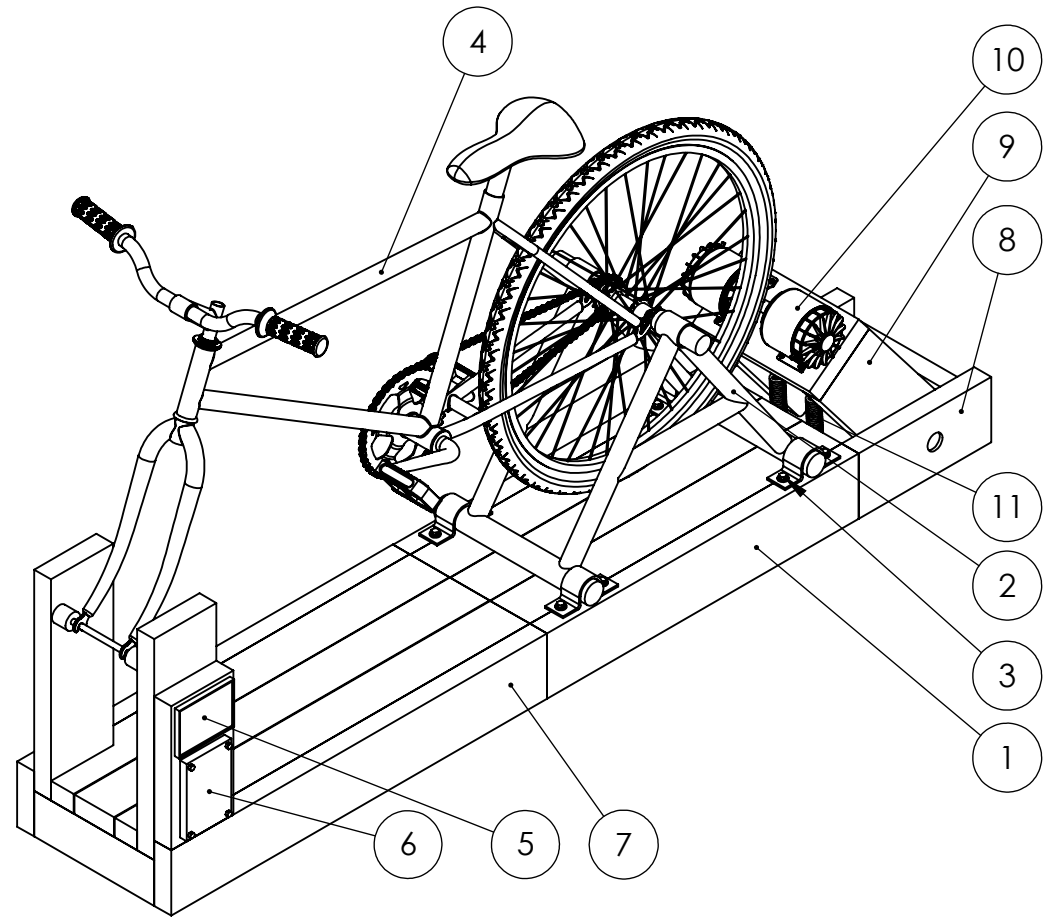
2

1

2

1

ITEM NO.	DESCRIPTION	QTY.
1	Bicycle Stand Base	1
2	Bicycle Stand	1
3	Brackets	4
4	Bicycle (Front Wheel Removed)	1
5	Power Display	1
6	Power Controller	1
7	Front Support Base	1
8	Generator Stand Base	1
9	Shifting Generator Base	1
10	Generator (DC Motor)	1
11	Tension Spring	2



B

B

A

A

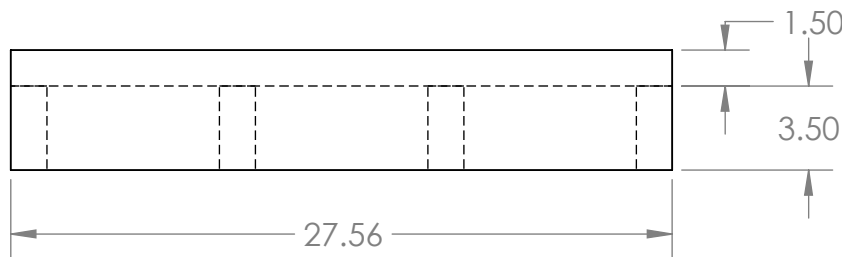
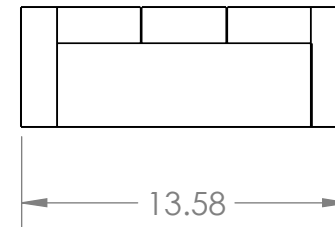
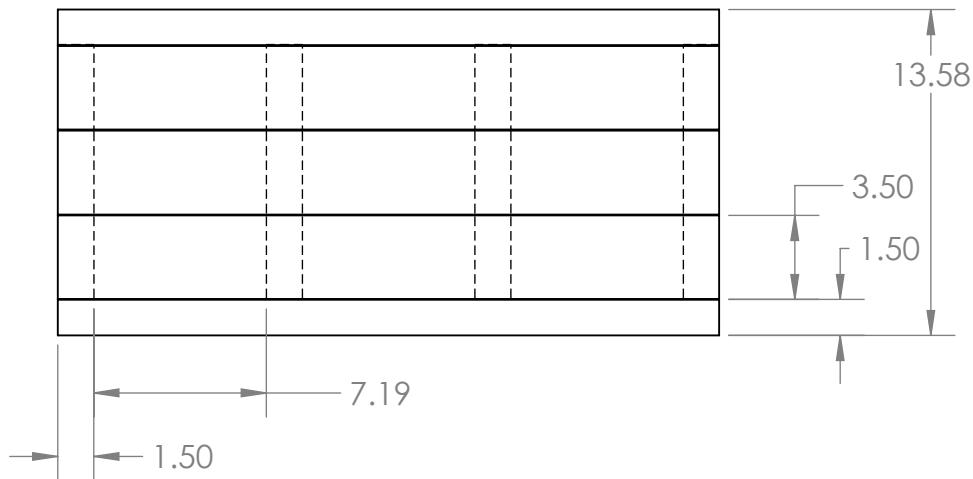
		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE: BikeStandv2 (DirectContact)			
		DIMENSIONS ARE IN INCHES	DRAWN	CH			4/25/26	
		TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	CHECKED					
		INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.					
		MATERIAL	MFG APPR.					
		FINISH	Q.A.			SIZE	DWG. NO.	REV
NEXT ASSY	USED ON		COMMENTS:			A	2	
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:11	WEIGHT:	SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

2

1

B



B

A

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Base Stand				
		DIMENSIONS ARE IN INCHES	DRAWN					SIZE A	DWG. NO. 3	REV
		TOLERANCES:	CHECKED							
		FRACTIONAL ±	ENG APPR.					SCALE: 1:10		WEIGHT:
		ANGULAR: MACH ± BEND ±	MFG APPR.					SHEET 1 OF 1		
		TWO PLACE DECIMAL ±	Q.A.							
		THREE PLACE DECIMAL ±	COMMENTS:							
		INTERPRET GEOMETRIC TOLERANCING PER:								
		MATERIAL								
	NEXT ASSY	USED ON	FINISH							
	APPLICATION		DO NOT SCALE DRAWING							

A

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

2

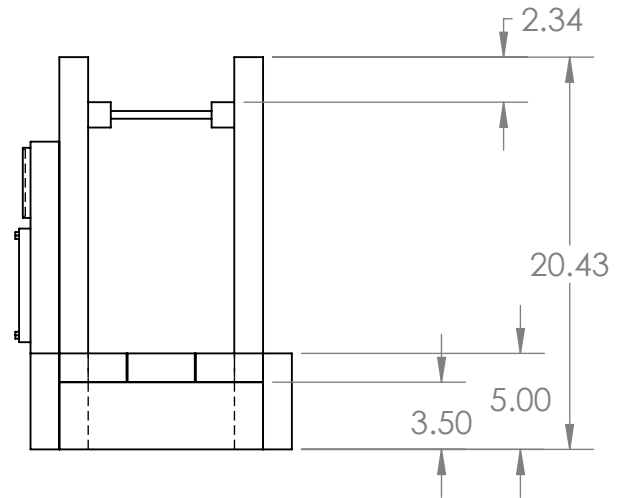
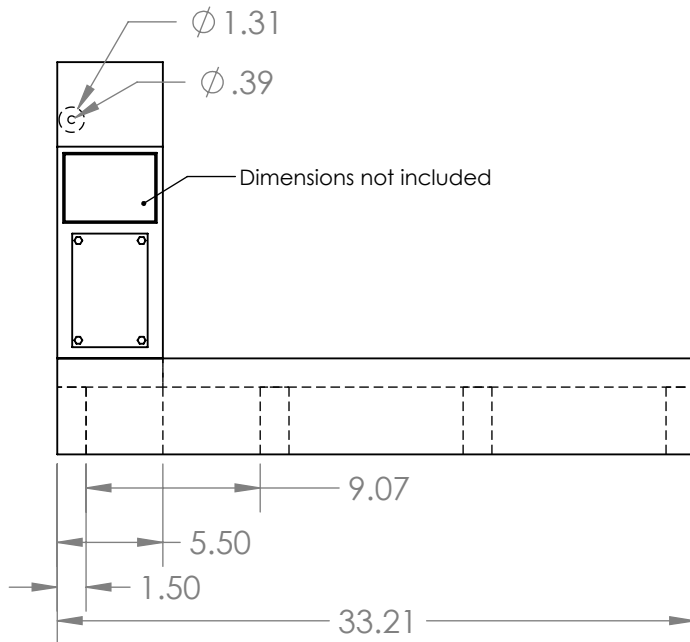
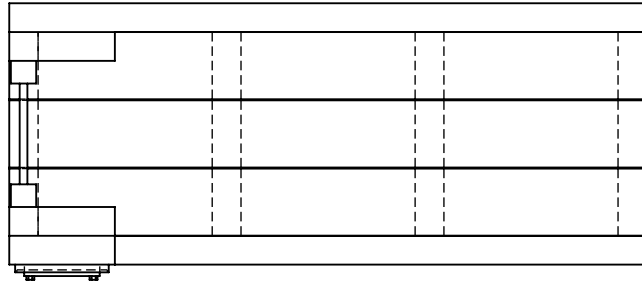
1

2

1

B

B



A

A

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CH	4/25/26
		TOLERANCES:	CHECKED		
		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				
	APPLICATION	DO NOT SCALE DRAWING			

TITLE:
Base Stand FrontHolder

SIZE	DWG. NO.	REV
A	4	
SCALE: 1:10	WEIGHT:	SHEET 1 OF 1

2

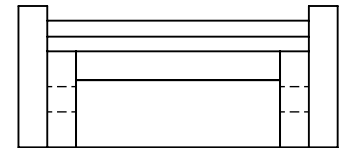
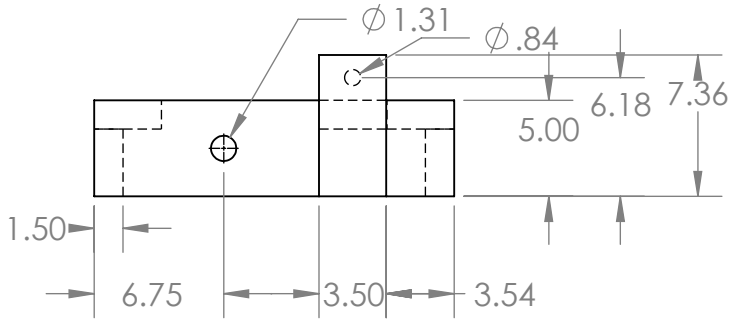
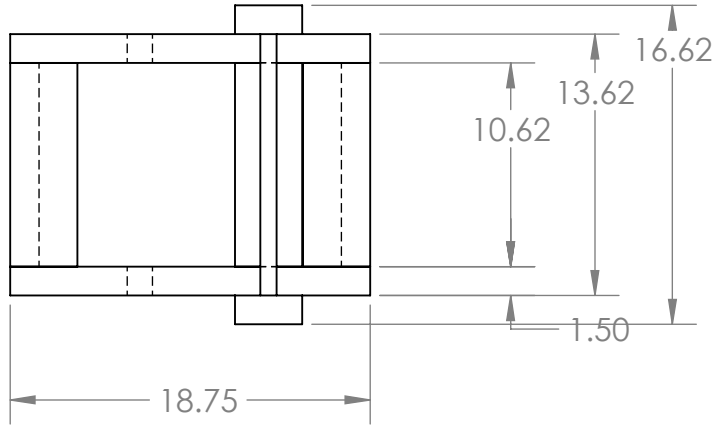
1

2

1

B

B



A

A

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CH	4/25/26
		TOLERANCES:	CHECKED		
		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				
APPLICATION		DO NOT SCALE DRAWING			

TITLE: Base Shifting Stand (Alternator)		
SIZE A	DWG. NO. 5	REV
SCALE: 1:10	WEIGHT:	SHEET 1 OF 1

2

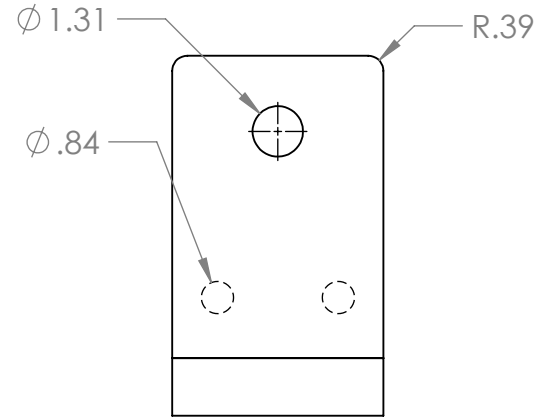
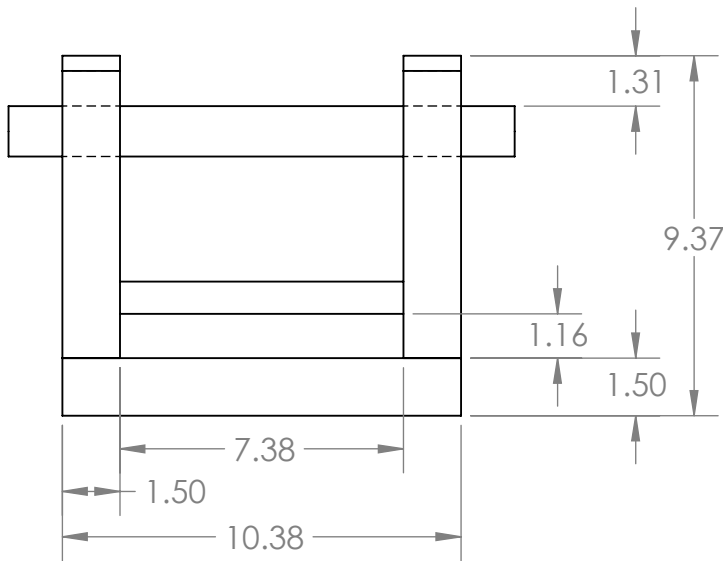
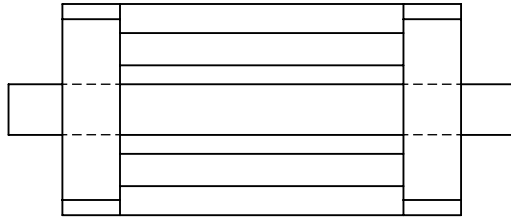
1

2

1

B

B



A

A

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

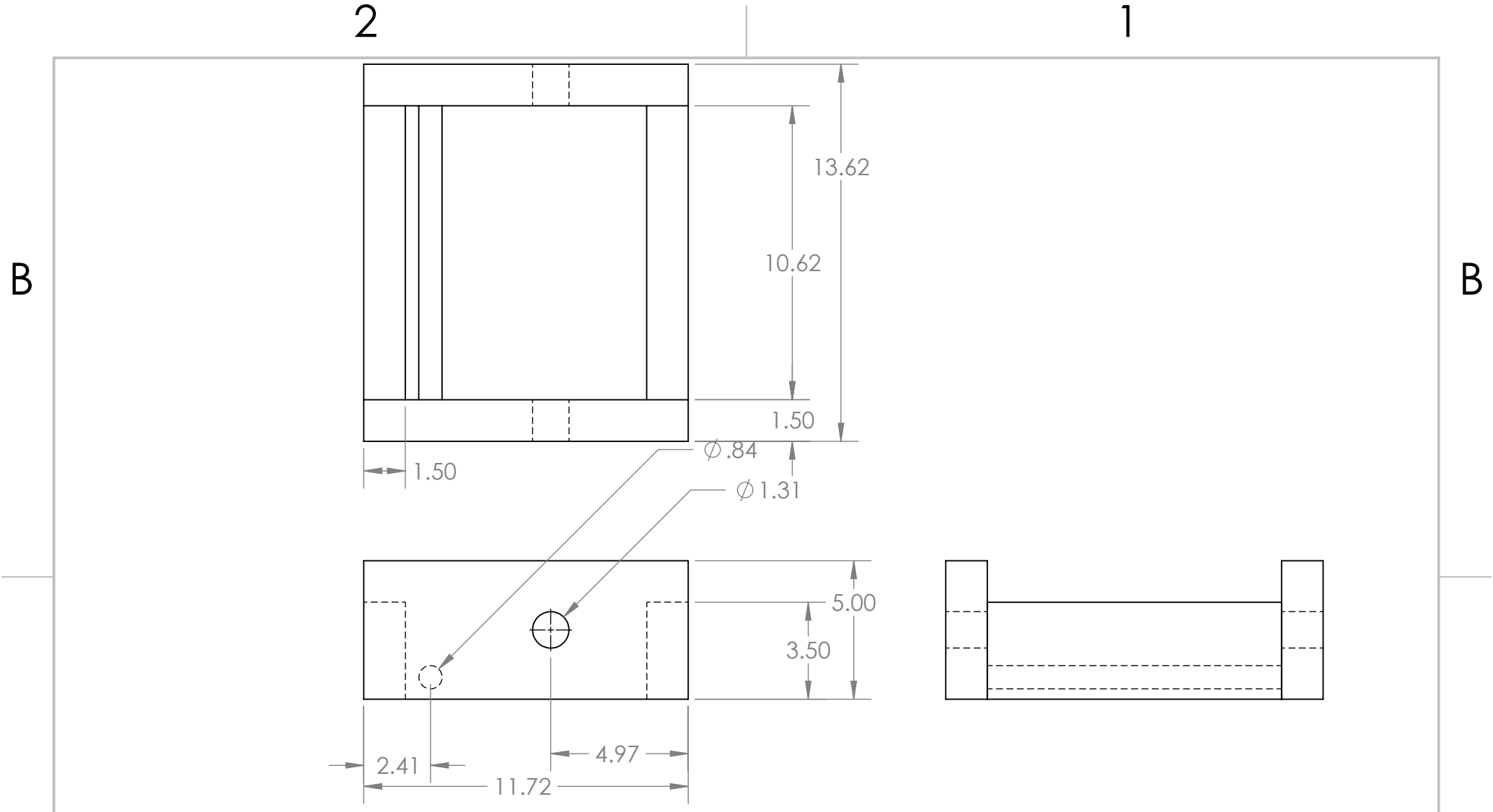
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON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

TITLE:
**Shifting Generator Stand
 (Alternator)**

SIZE	DWG. NO.	REV
A	6	
SCALE: 1:5	WEIGHT:	SHEET 1 OF 1

2

1



A

A

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		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				
APPLICATION		DO NOT SCALE DRAWING			

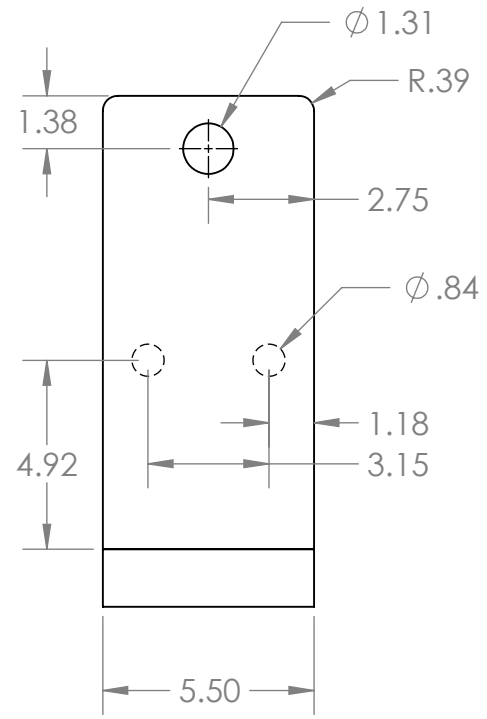
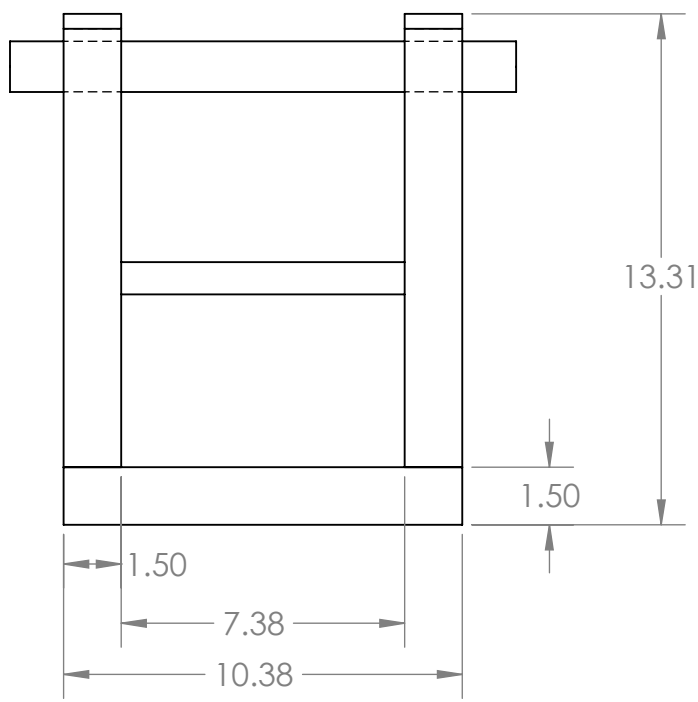
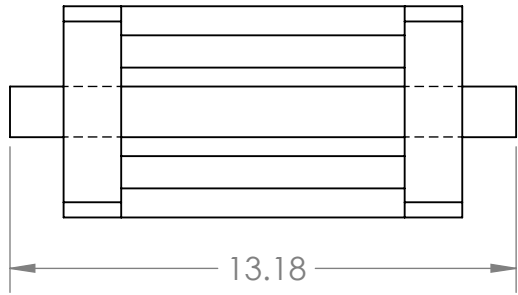
TITLE:		
Base Shifting Stand (Direct Contact)		
SIZE	DWG. NO.	REV
A	7	
SCALE: 1:5	WEIGHT:	SHEET 1 OF 1

2

1

B

B



A

A

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CH	4/25/26
		TOLERANCES:	CHECKED		
		FRACTIONAL \pm	ENG APPR.		
		ANGULAR: MACH \pm BEND \pm	MFG APPR.		
		TWO PLACE DECIMAL \pm	Q.A.		
		THREE PLACE DECIMAL \pm	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:
**Shifting Generator Stand
 (Direct Contact)**

SIZE	DWG. NO.	REV
A	8	
SCALE: 1:5	WEIGHT:	SHEET 1 OF 1

2

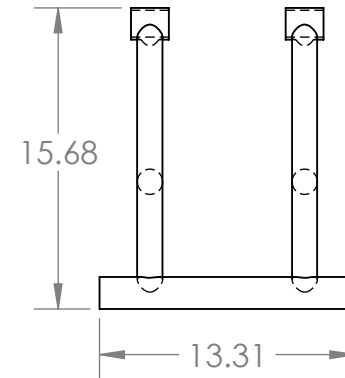
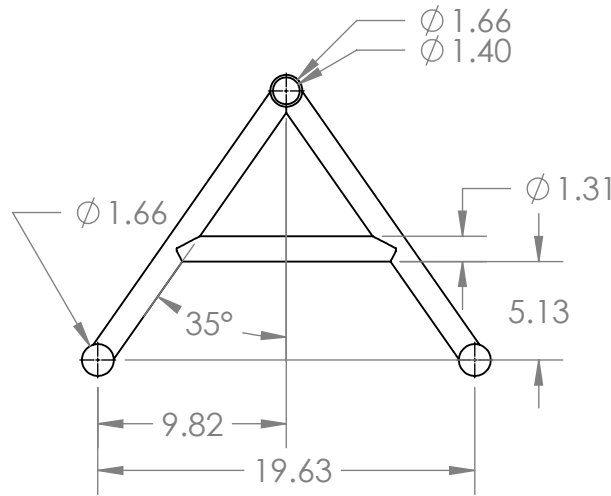
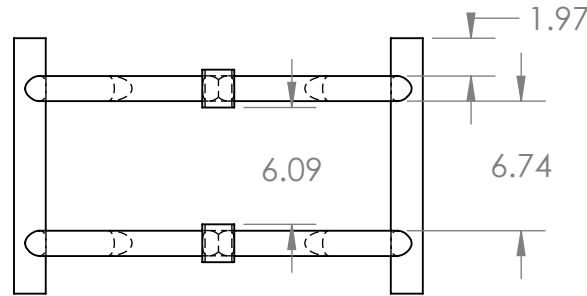
1

2

1

B

B



A

A

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		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			

TITLE:
Bicycle Stand (Steel)

SIZE	DWG. NO.	REV
A	9	
SCALE: 1:10	WEIGHT:	SHEET 1 OF 1

2

1

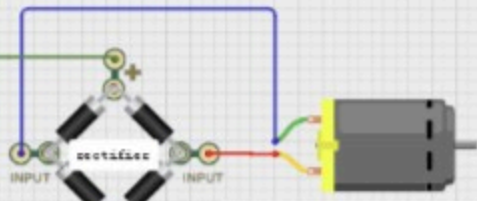
ESP32-C Microcontroller



Interactive Display (E-Paper)



DC In



Human-Powered Bike - Alternator (AC Out)

CM3791 (MPPT Charge Controller)

