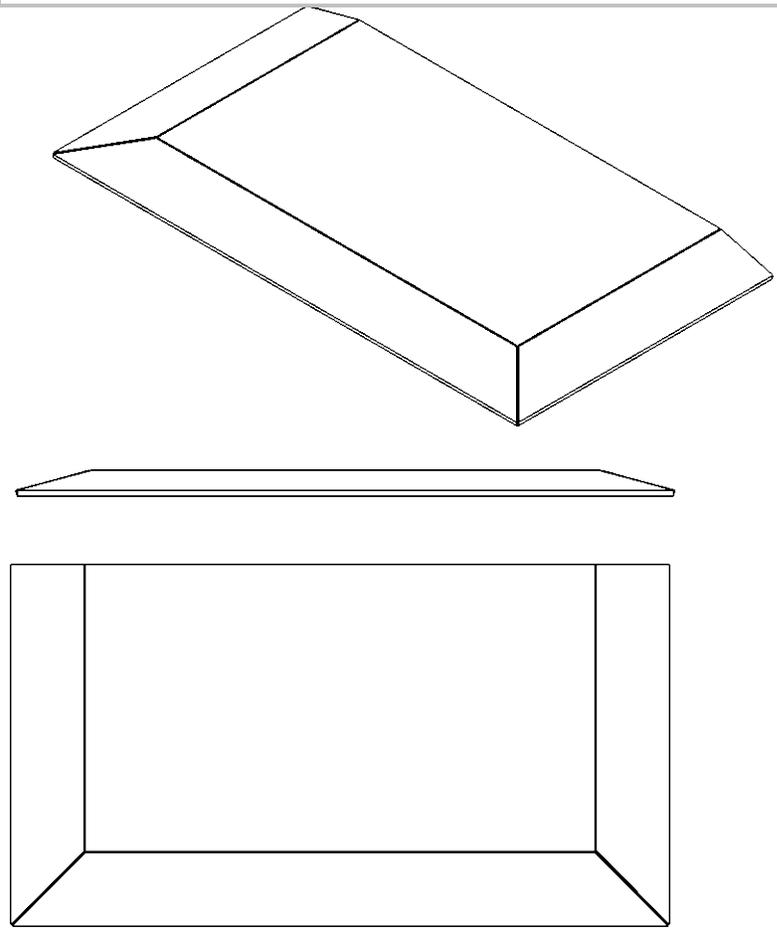


2

1

ITEM NO.	PART NUMBER	QTY.
1	TE-19105-01	1
2	TE-19105-02	2
3	TE-19105-03	1
4	TE-19105-04	1
5	TE-19105-05	4
6	TE-19105-06	2
7	TE-19105-07	2



B

B

Material	QTY
23/32" (3/4") A/C or CDX Plywood	1 sheet
2"x 4"x 8' Lumber Pine	5
1.25" Wood screw	~40
2.5" wood screw	~30

A

A

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ± 1/16	ENG APPR.		
		ANGULAR: MACH ± 1° BEND ± 1°	MFG APPR.		
		TWO PLACE DECIMAL ± .01	Q.A.		
		THREE PLACE DECIMAL ± .001	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
	APPLICATION	DO NOT SCALE DRAWING			



TITLE: **Half Hab**

SIZE **A** DWG. NO. **TE-19105** REV

SCALE: 1:24 WEIGHT: SHEET 1 OF 5

**PROPRIETARY AND CONFIDENTIAL**  
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **FIRST®**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **FIRST®** IS PROHIBITED.

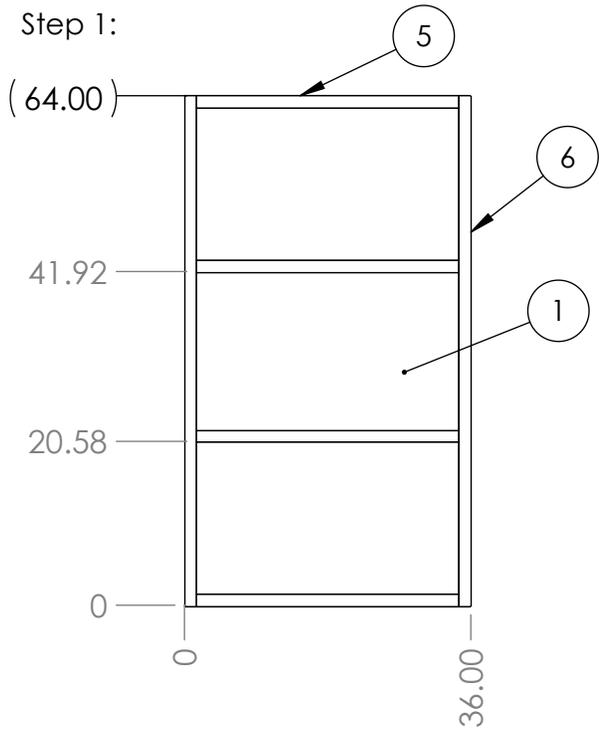
2

1

2

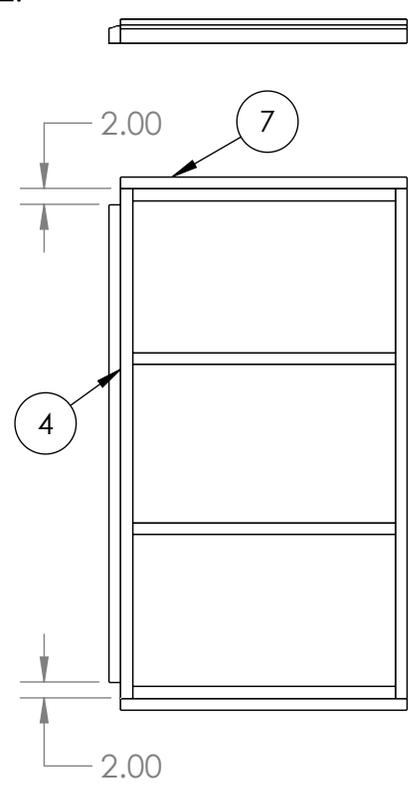
1

Step 1:



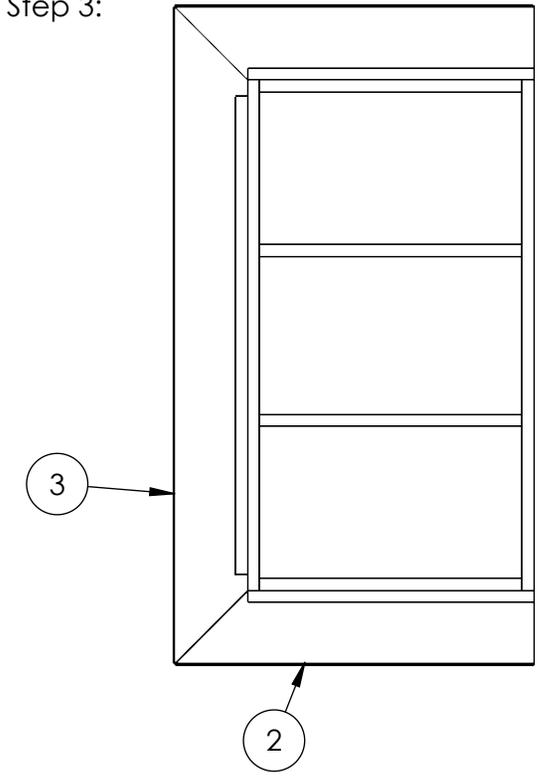
Note:  
 Attach Item (5) and (6) with 2.5" screws  
 Attach Item (1), (5), and (6) with 1.25" screws  
 Pre-drill

Step 2:



Note:  
 Attach (4) and (7) to assembly  
 Pre-drill and use 2.5" screws

Step 3:



Note:  
 Attach (2) so it is flush to the edge of (7)  
 Attach (3) so it is flush to the edge of (4)  
 Pre-drill and use 1.25" screws

B

B

A

A

**PROPRIETARY AND CONFIDENTIAL**  
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST®. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ± 1/16	ENG APPR.	
		ANGULAR: MACH ± 1° BEND ± 1°	MFG APPR.	
		TWO PLACE DECIMAL ± .01	Q.A.	
		THREE PLACE DECIMAL ± .001	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		FINISH		
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

**FIRST ROBOTICS COMPETITION** **SOLIDWORKS** Modeling Solutions Partner

TITLE: **Half Hab**

SIZE **A** DWG. NO. **TE-19105** REV

SCALE: 1:24 WEIGHT: SHEET 2 OF 5

2

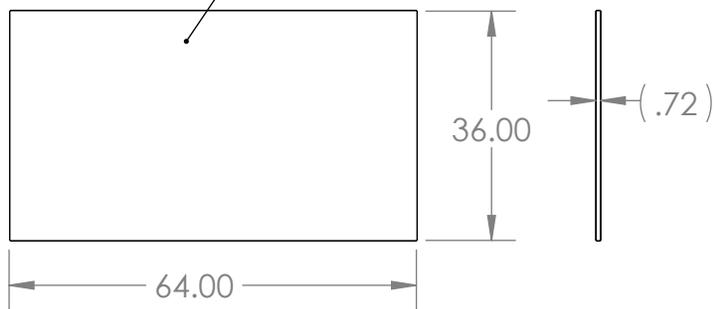
1

2

1

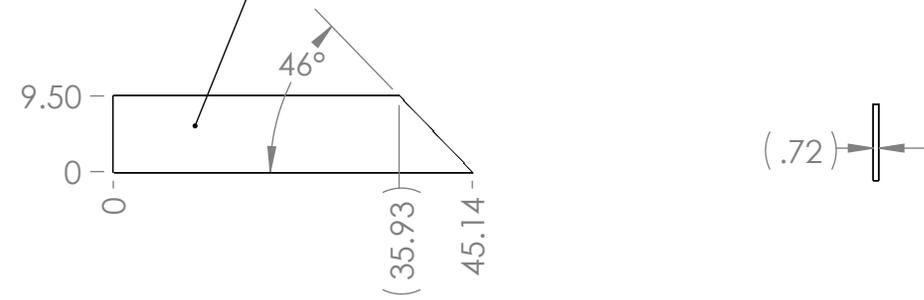
TE-19105-01

1 1X



TE-19105-02

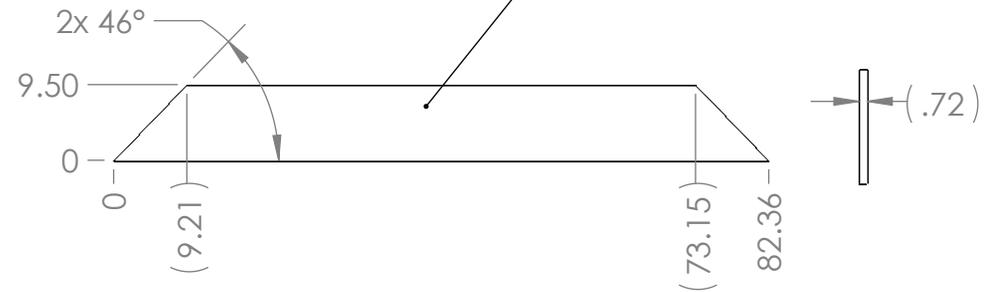
2 2X



Note:  
A/C or CDX 23/32" Plywood

TE-19105-03

3 1X



Note:  
A/C or CDX 23/32" Plywood

Note:  
A/C or CDX 23/32" Plywood

B

B

A

A

**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **FIRST®**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **FIRST®** IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ± 1/16	ENG APPR.		
		ANGULAR: MACH ± 1° BEND ± 1°	MFG APPR.		
		TWO PLACE DECIMAL ± .01	Q.A.		
		THREE PLACE DECIMAL ± .001	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			




TITLE: **Half Hab**

SIZE **A** DWG. NO. **TE-19105** REV

SCALE: 1:24 WEIGHT: SHEET 3 OF 5

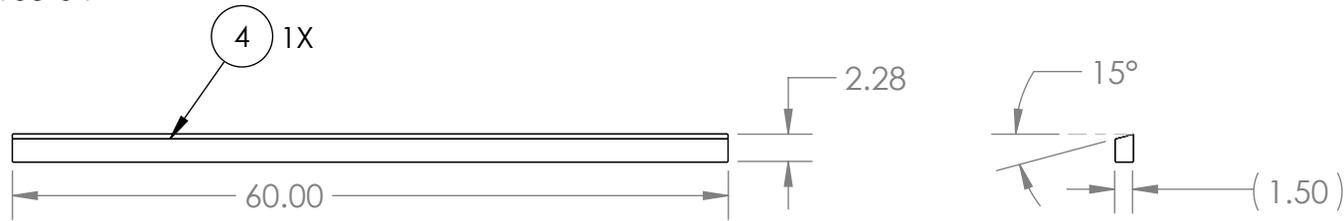
2

1

2

1

TE-19105-04

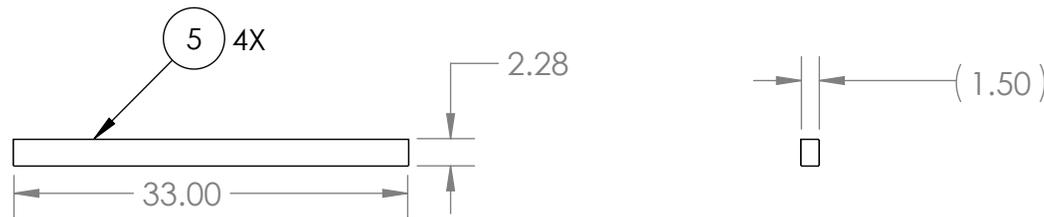


Note:  
2x 4" Pine Lumber

B

B

TE-19105-05



Note:  
2x 4" Pine Lumber

A

A

<p><b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <b>FIRST®</b>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <b>FIRST®</b> IS PROHIBITED.</p>			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	 	
			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 ANGULAR: MACH ± 1° BEND ± 1° TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .001	DRAWN				<p>TITLE: <b>Half Hab</b></p>
			INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED				
			MATERIAL	ENG APPR.				
			FINISH	MFG APPR.				
	NEXT ASSY	USED ON	DO NOT SCALE DRAWING	COMMENTS:			<p>SIZE DWG. NO. REV</p> <p><b>A</b> TE-19105</p>	
	APPLICATION						<p>SCALE: 1:24 WEIGHT: SHEET 4 OF 5</p>	

2

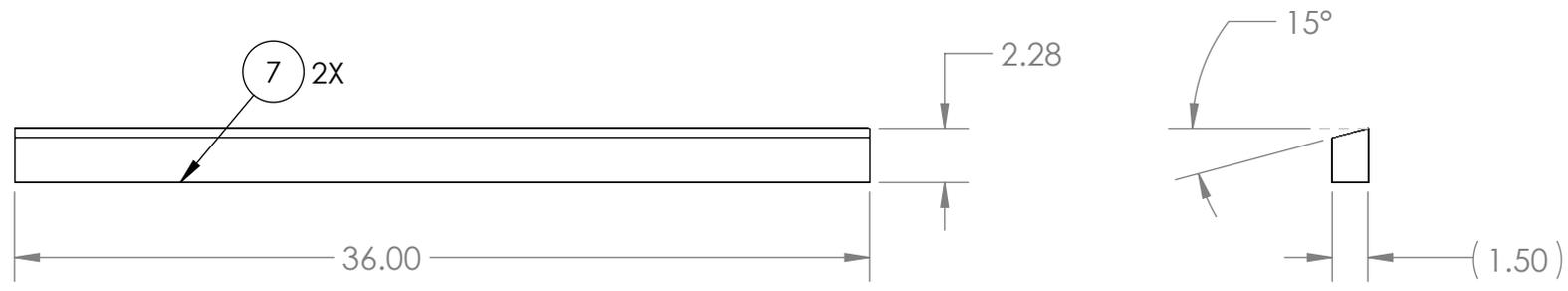
1

2

1

TE-19105

B

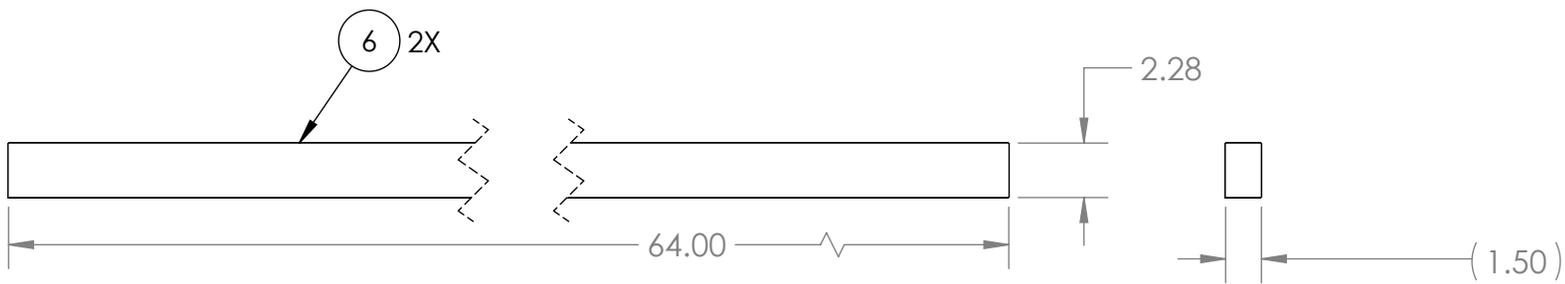


B

Note:  
2x 4" Pine Lumber

TE-19105

A



A

Note:  
2x 4" Pine Lumber

**PROPRIETARY AND CONFIDENTIAL**  
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **FIRST®**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **FIRST®** IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ± 1/16	ENG APPR.		
		ANGULAR: MACH ± 1° BEND ± 1°	MFG APPR.		
		TWO PLACE DECIMAL ± .01	Q.A.		
		THREE PLACE DECIMAL ± .001	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			




TITLE: **Half Hab**

SIZE	DWG. NO.	REV
<b>A</b>	<b>TE-19105</b>	

SCALE: 1:24 WEIGHT: SHEET 5 OF 5

2

1