

2

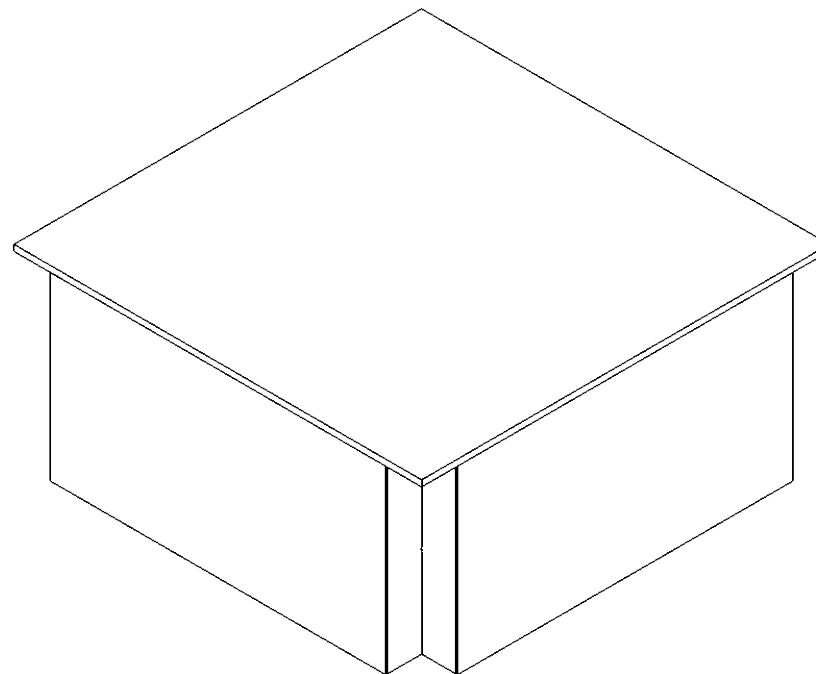
1

ITEM NO.	PART NUMBER	QTY.
1	TE-19117-01	1
2	TE-19117-02	6
3	TE-19117-03	4
4	TE-19117-04	3
5	TE-19117-05	9
6	TE-19117-06	9

B

B

Material	QTY
23/32"(3/4") A/C or CDX Plywood	2 sheets
1/8" Hardboard	.75 sheets
2"x4"x8"	.125 sheets
1" Hook Fastener	210"
1" Loop Fastener	210"
2.5" screws	8




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 $\pm 1/16$	ENG APPR.					
		ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$	MFG APPR.					
		TWO PLACE DECIMAL $\pm .01$	Q.A.					
		THREE PLACE DECIMAL $\pm .001$	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
NEXT ASSY		USED ON						
APPLICATION		DO NOT SCALE DRAWING						



FIRST
ROBOTICS
COMPETITION



SOLIDWORKS
Modeling Solutions Partner

TITLE:

Hab Ivl 3

SIZE **A**

DWG. NO. **TE-19117**

REV

SCALE: 1:16

WEIGHT:

SHEET 1 OF 5

2

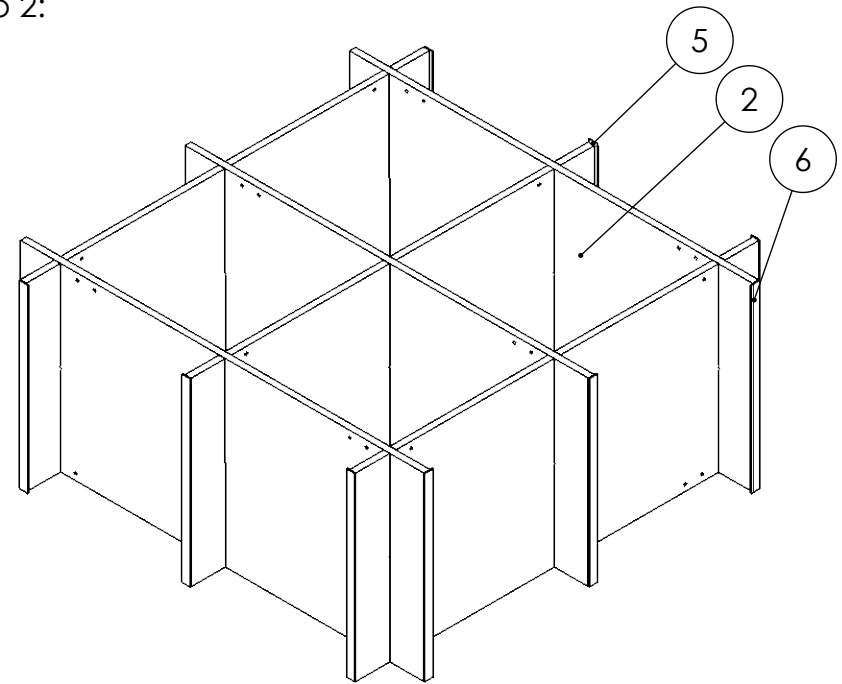
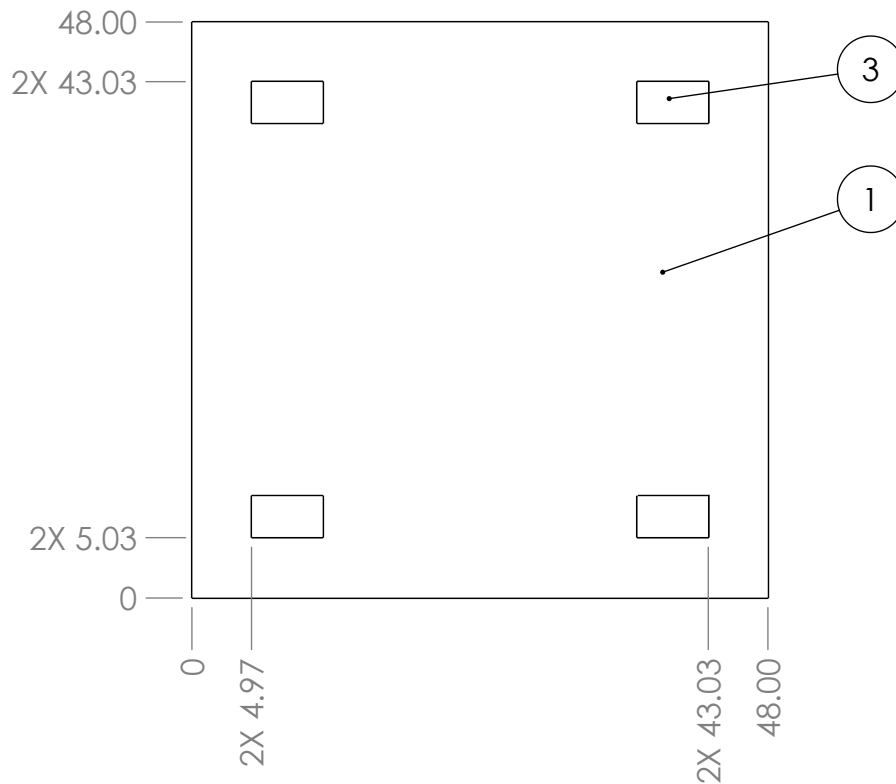
1

2

1

Step 1:

Step 2:



Note:

- Attach (3) to (1).
- Pre drill and attach using 2.5" Screws

Note:

- Arrange (2) in pattern above.
- Apply (5) to the edge of (2) on 3 sides
- Apply (6) to (5), Do not remove the protective backing.

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.

NEXT ASSY

USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$
TWO PLACE DECIMAL $\pm .01$
THREE PLACE DECIMAL $\pm .001$

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:



FIRST
ROBOTICS
COMPETITION



TITLE:

Hab lvl 3

SIZE

DWG. NO.

REV

A**TE-19117**

SCALE: 1:16 WEIGHT:

SHEET 2 OF 5

2

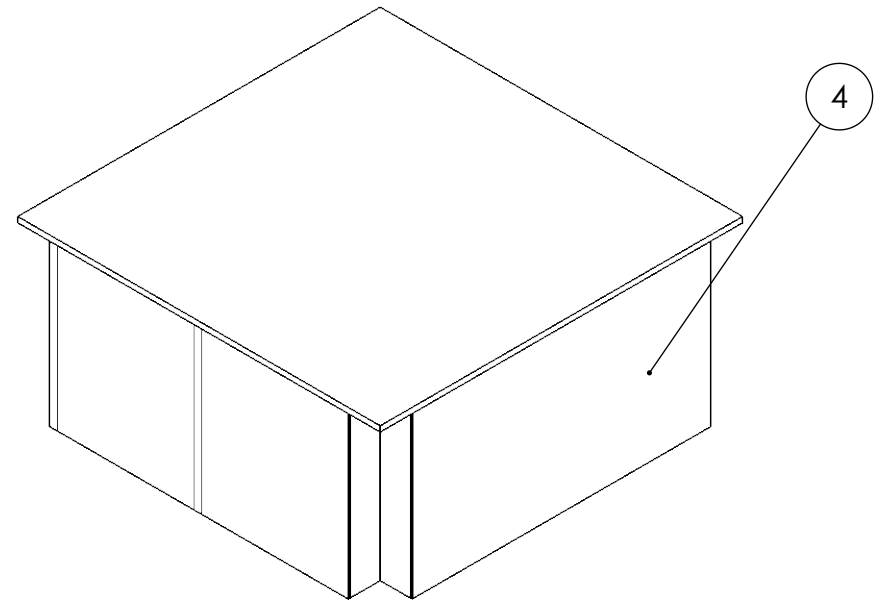
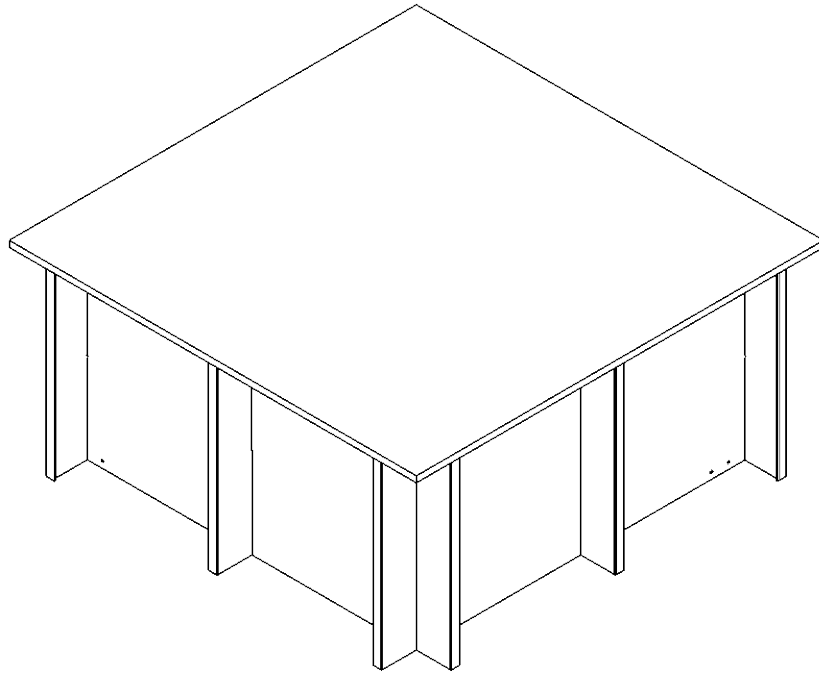
1

2

1

Step 3:

Step 4:



Note:

- Attach assembly from Step 1 to Step 3
- Pre drill and attach using 2.5" screws

Note:

- Remove the protective backing from the loop.
- Attach (4) on three sides by pressing firmly to the loop.

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:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL $\pm 1/16$
		ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$
		TWO PLACE DECIMAL $\pm .01$
		THREE PLACE DECIMAL $\pm .001$
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		



TITLE:

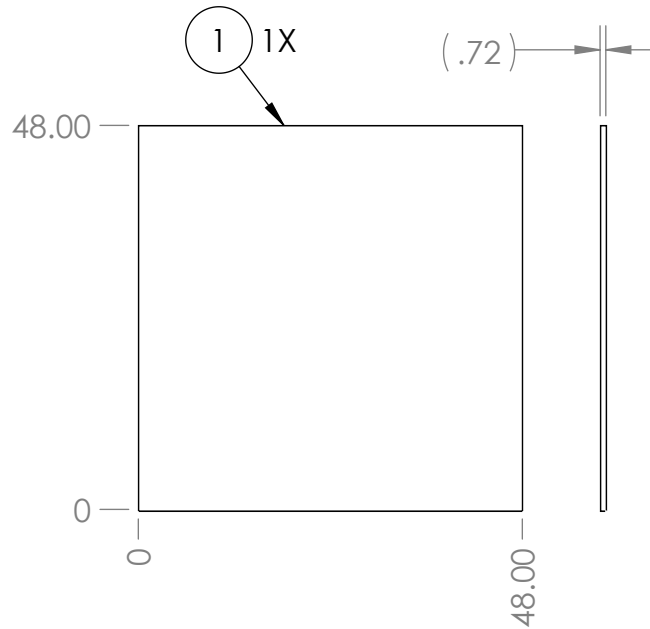
Hab lvl 3

SIZE	DWG. NO.	REV
A	TE-19117	
SCALE: 1:16		WEIGHT:
		SHEET 3 OF 5

2

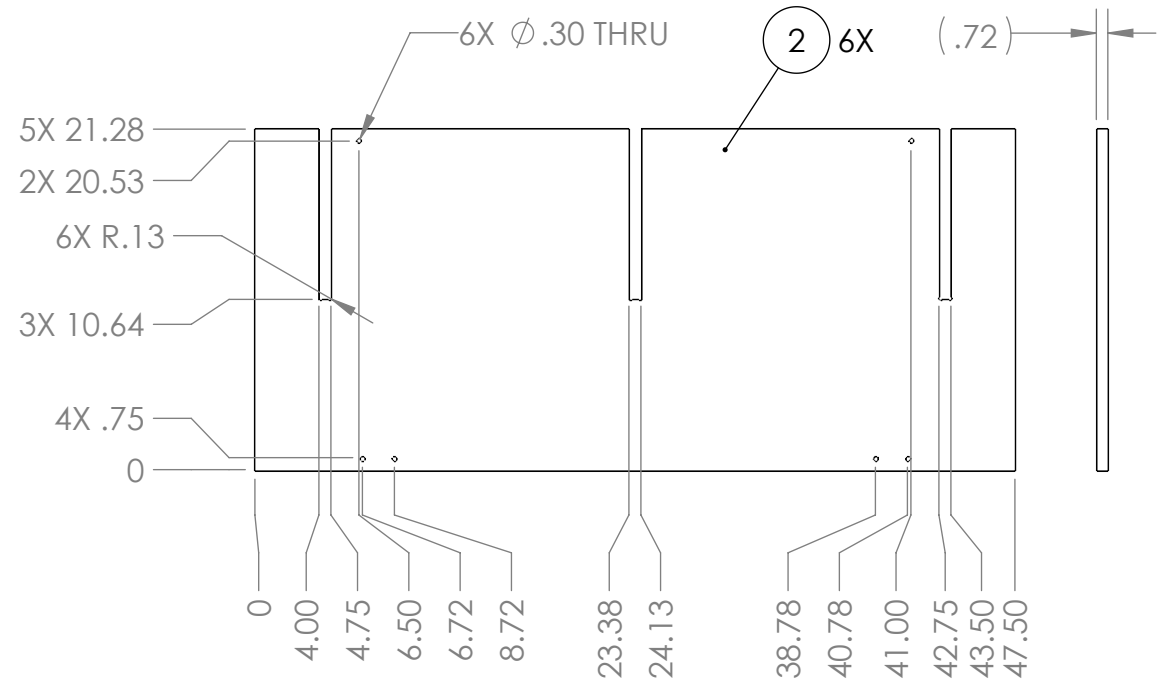
1

TE-19117-01



Notes:
23/32" (3/4") A/C or CDX Plywood

TE-19117-02



Notes:
23/32" (3/4") A/C or CDX Plywood
(6X R.13 added for router)

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:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL $\pm 1/16$
		ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$
		TWO PLACE DECIMAL $\pm .01$
		THREE PLACE DECIMAL $\pm .001$
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		



TITLE:

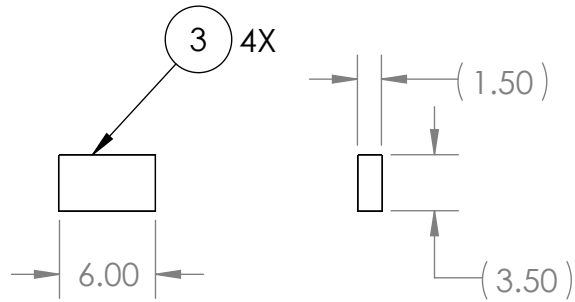
Hab lvl 3

SIZE	DWG. NO.	REV
A	TE-19117	
SCALE: 1:16		WEIGHT:
		SHEET 4 OF 5

2

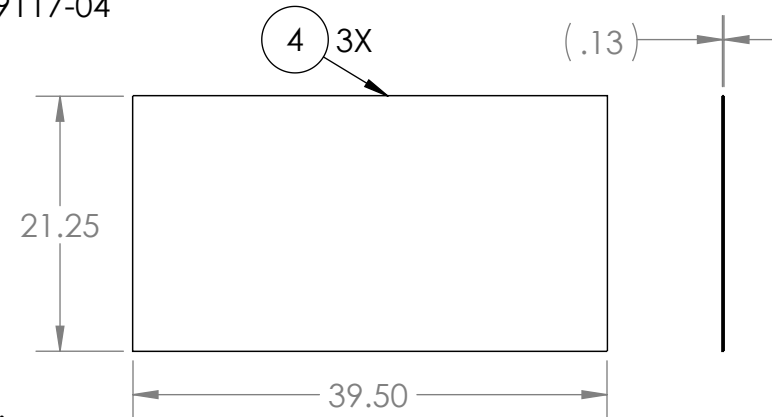
1

TE-19117-03



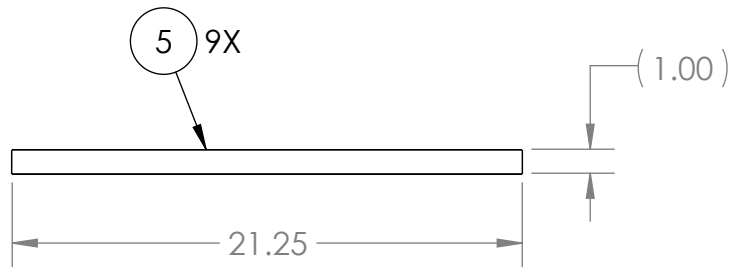
Note:
Material: 2"X 4" Lumber Pine

TE-19117-04



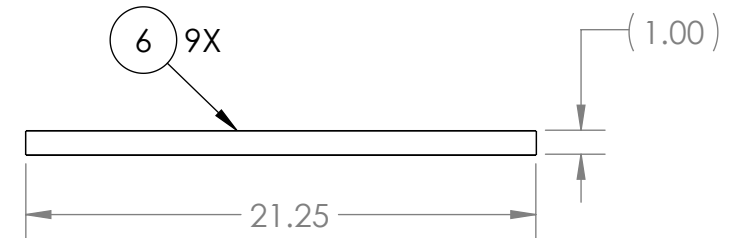
Note:
Material: 1/8" HardBoard

TE-19117-05



Note:
Material: 1" Hook Fastener

TE-19117-06



Note:
Material: 1" Loop Fastener

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.

NEXT ASSY

USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$
TWO PLACE DECIMAL $\pm .01$
THREE PLACE DECIMAL $\pm .001$

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:



FIRST
ROBOTICS
COMPETITION

SOLIDWORKS
Modeling Solutions Partner

TITLE:

Hab lvl 3

SIZE

A

DWG. NO.

TE-19117

REV

SCALE: 1:16 WEIGHT:

SHEET 5 OF 5

2

1