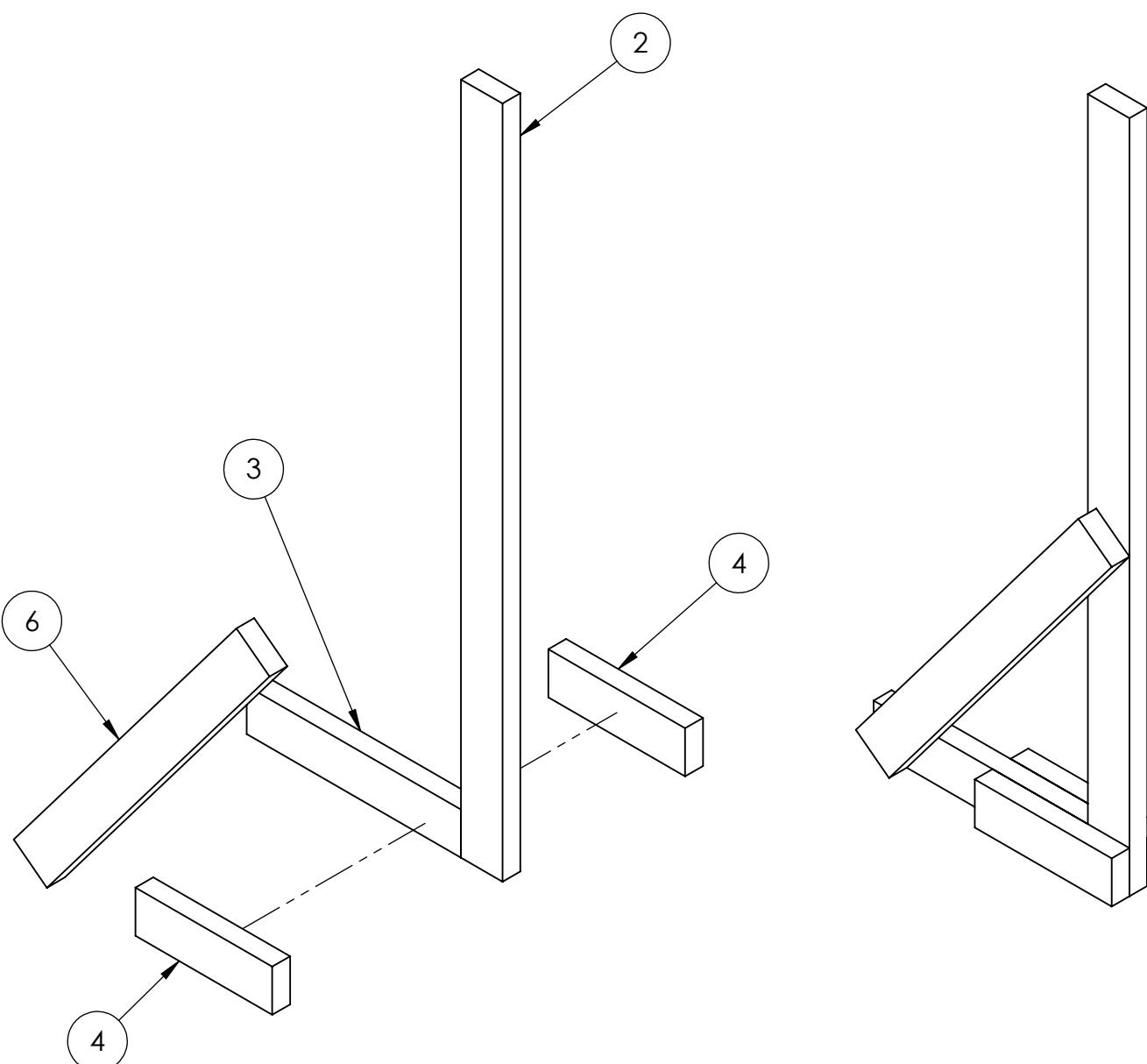
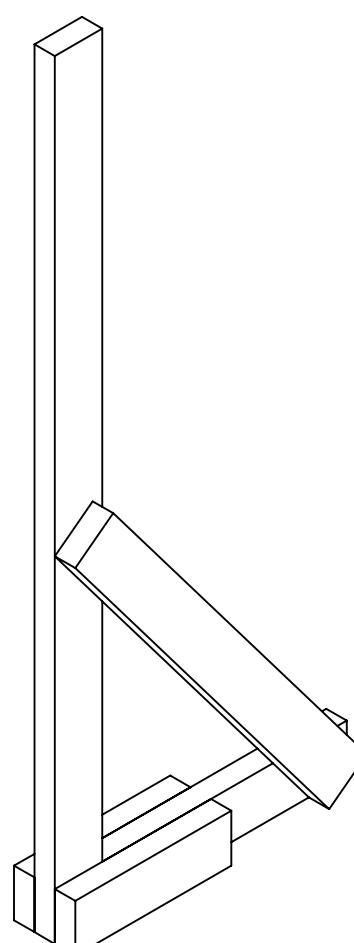


Step 1: Cut all parts in the Bill of Materials

Step 2: Attach 2x (4)s and (6) to (2) and (3) as shown using wood screws. The exact angle of (6) is not important, just make sure it doesn't stick out past the long edge of (2).



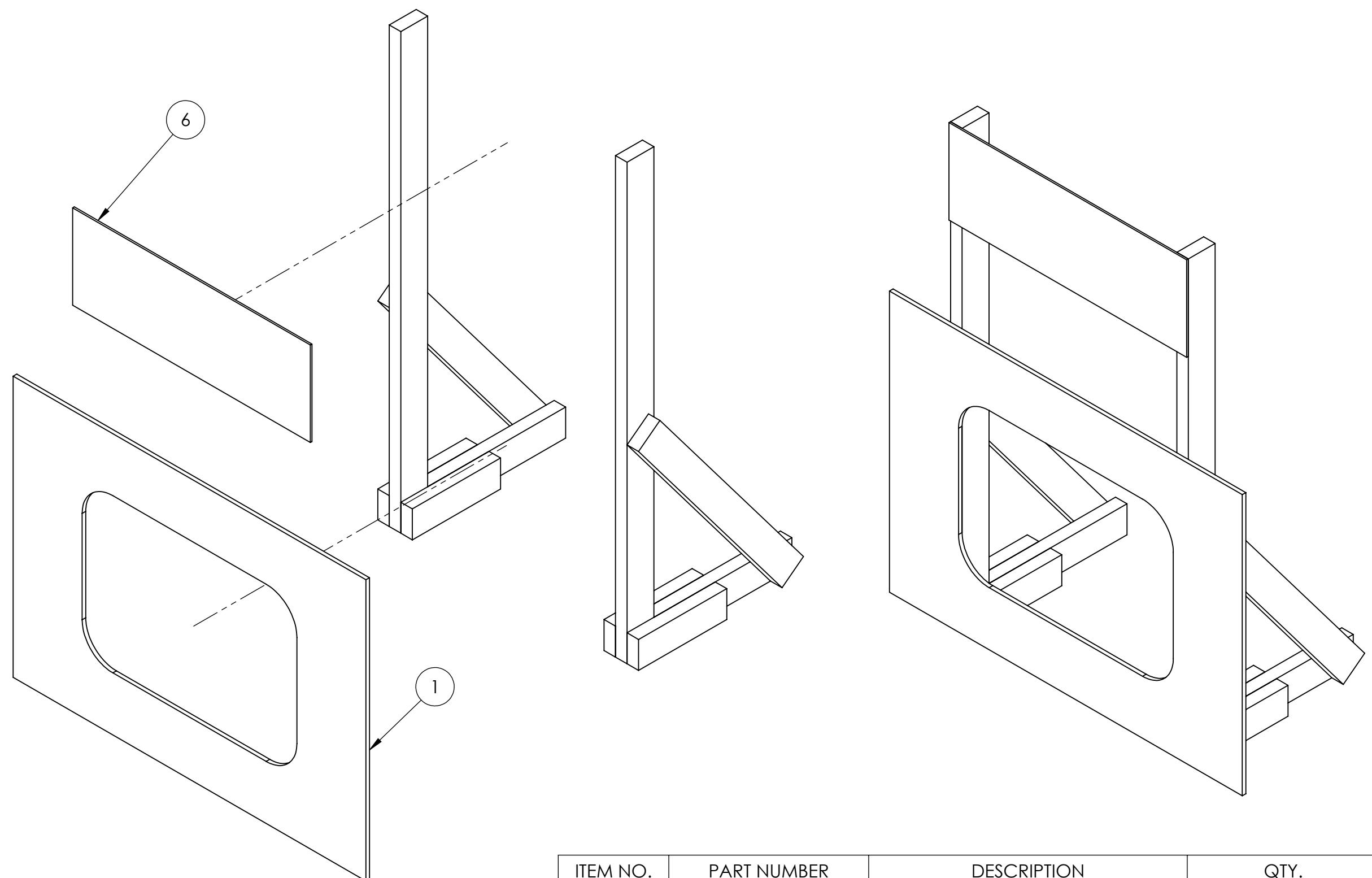
Step 3: Repeat Step 2, but with (6) on the opposite side of the assembly for this copy.



Step 4: Attach (1) and (6) to the assembly using wood screws.

(1) should be flush with the bottom of the L shaped assemblies and (6) should be flush with the top and outer faces of each (2).

There should be nothing directly behind the opening of (1).



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TE-25101	Processor Front Panel	1
2	TE-25102	Processor Vertical Support	2
3	TE-25103	Processor Horizontal Support	2
4	TE-25104	Processor Diagonal Beam	2
5	TE-25105	Processor Connecting Beam	4
6	TE-25106	Processor April Tag Panel	1

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			DRAWN	JO	12/13/2024
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .13$ THREE PLACE DECIMAL $\pm .125$					
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MATERIAL/FINISH:					
COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.					
DO NOT SCALE DRAWING					

FIRST  
ROBOTICS  
COMPETITION

SOLIDWORKS  
Modeling Solutions Partner

TITLE: TE Processor

SIZE DWG. NO. REV

C TE-25100

SCALE: 1:10 SHEET 1 OF 1

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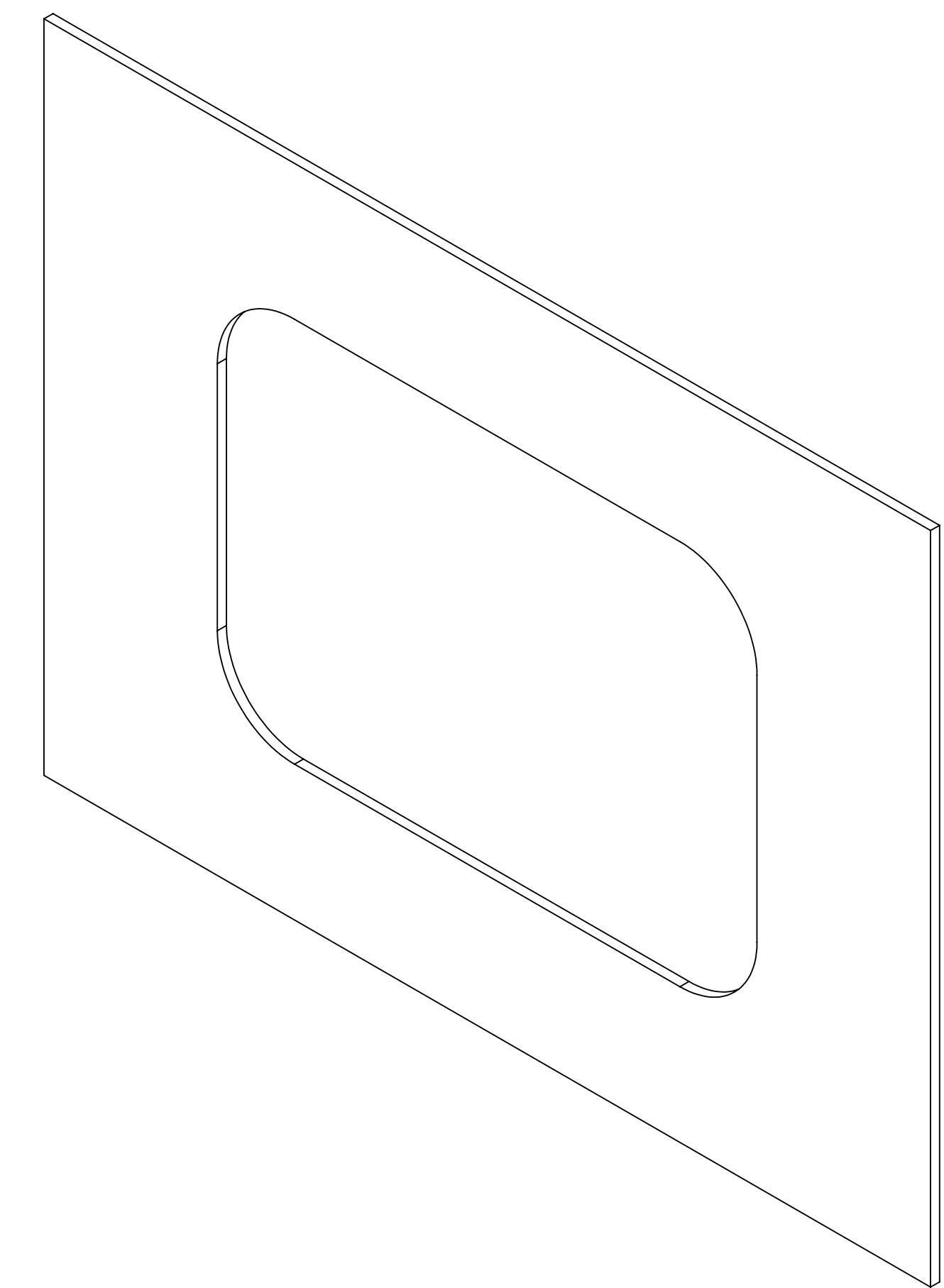
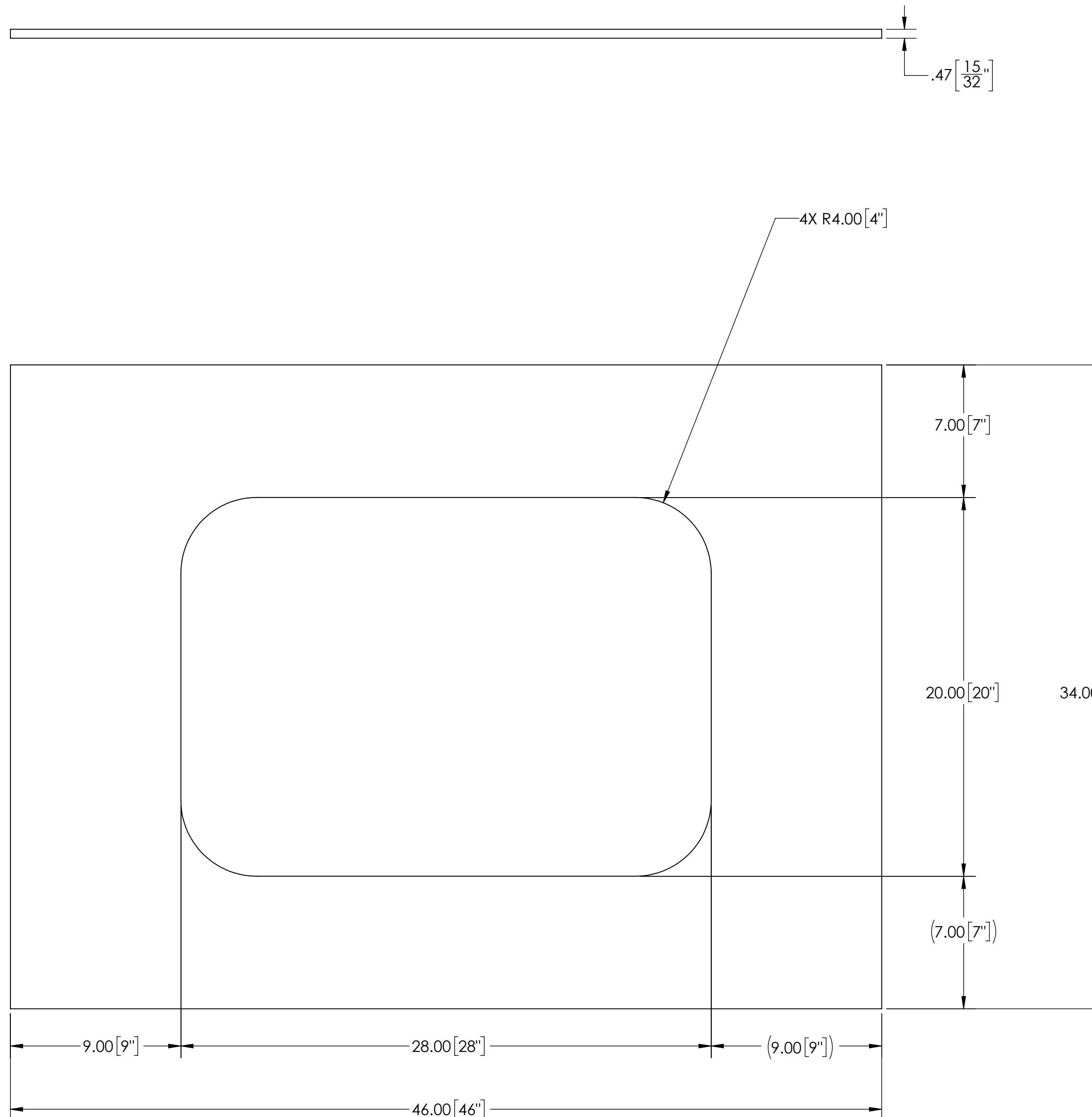
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MATERIAL/FINISH:	SIZE	DWG. NO.	REV
1/2" Plywood (15/32")	C	TE-25101	
COMMENTS:		SCALE: 1:5	
REMOVE ALL BURRS AND SHARP EDGES.		SHEET 1 OF 1	
DO NOT SCALE DRAWING			

FIRST  
ROBOTICS  
COMPETITION

SOLIDWORKS  
Modeling Solutions Partner

TITLE:  
**Processor Front  
Panel**

SIZE DWG. NO. REV  
**C TE-25101**

SCALE: 1:5 SHEET 1 OF 1

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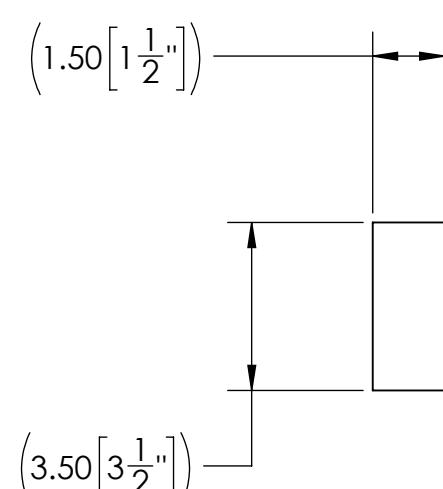
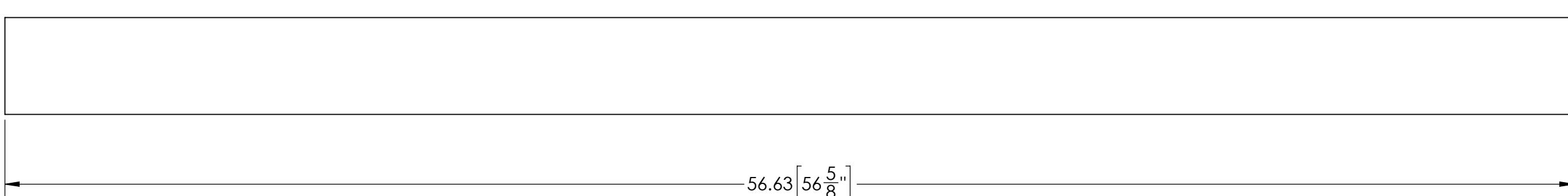
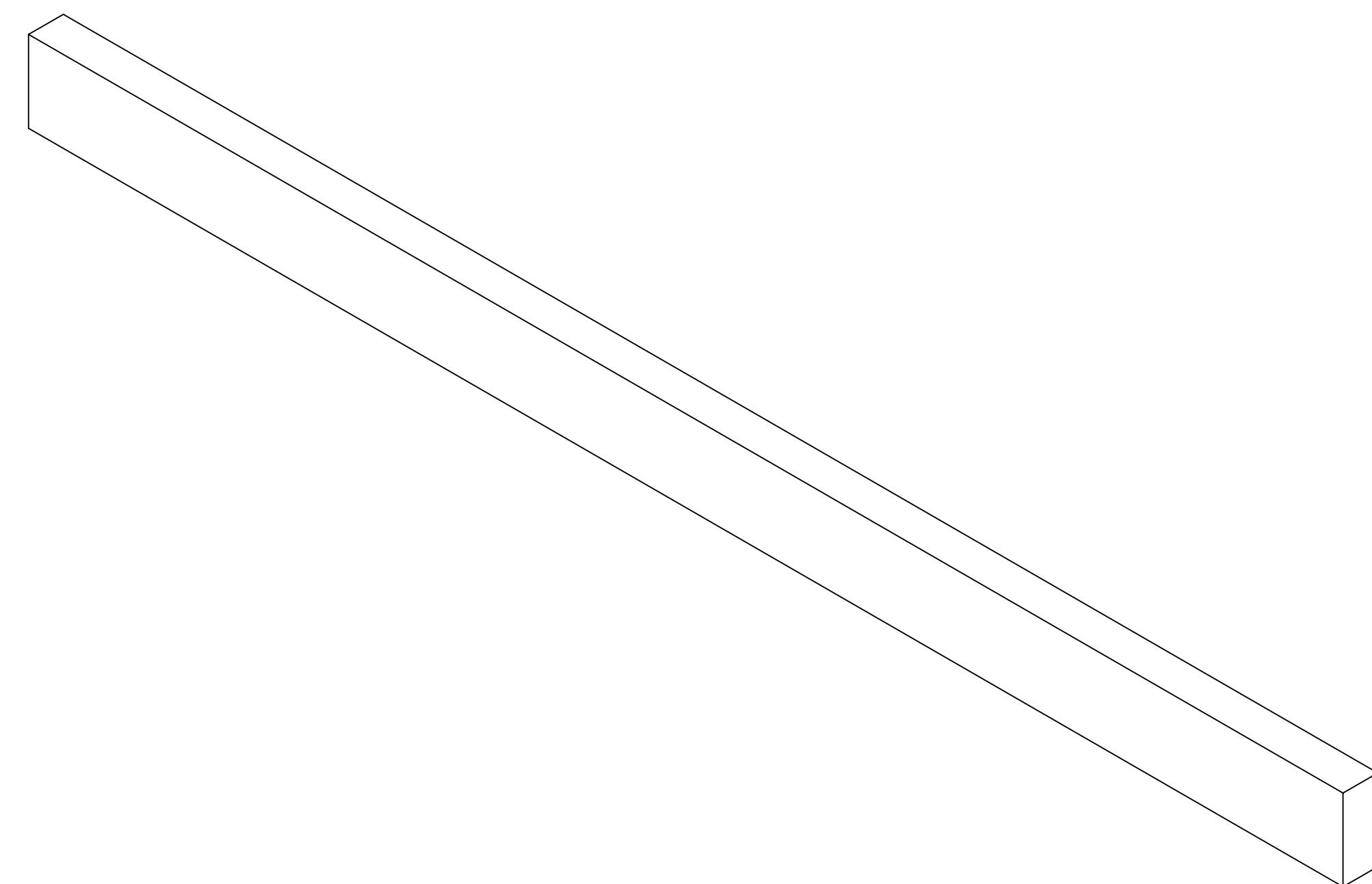
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .13$ THREE PLACE DECIMAL $\pm .125$	DRAWN	JO	12/11/2024
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MATERIAL/FINISH: 2x4 Lumber	SIZE	DWG. NO.	REV
COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.	C	TE-25102	
DO NOT SCALE DRAWING	SCALE: 1:4	SHEET 1 OF 1	

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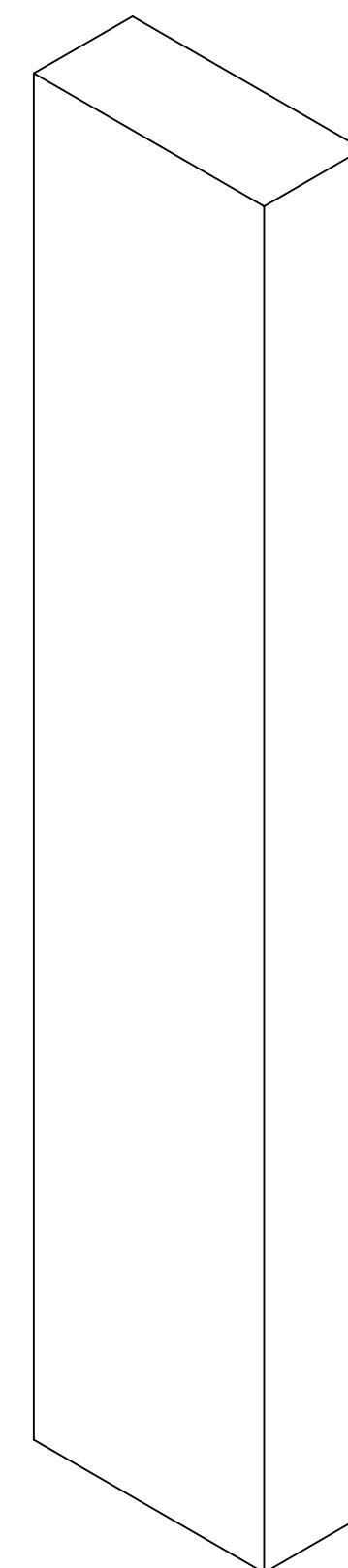
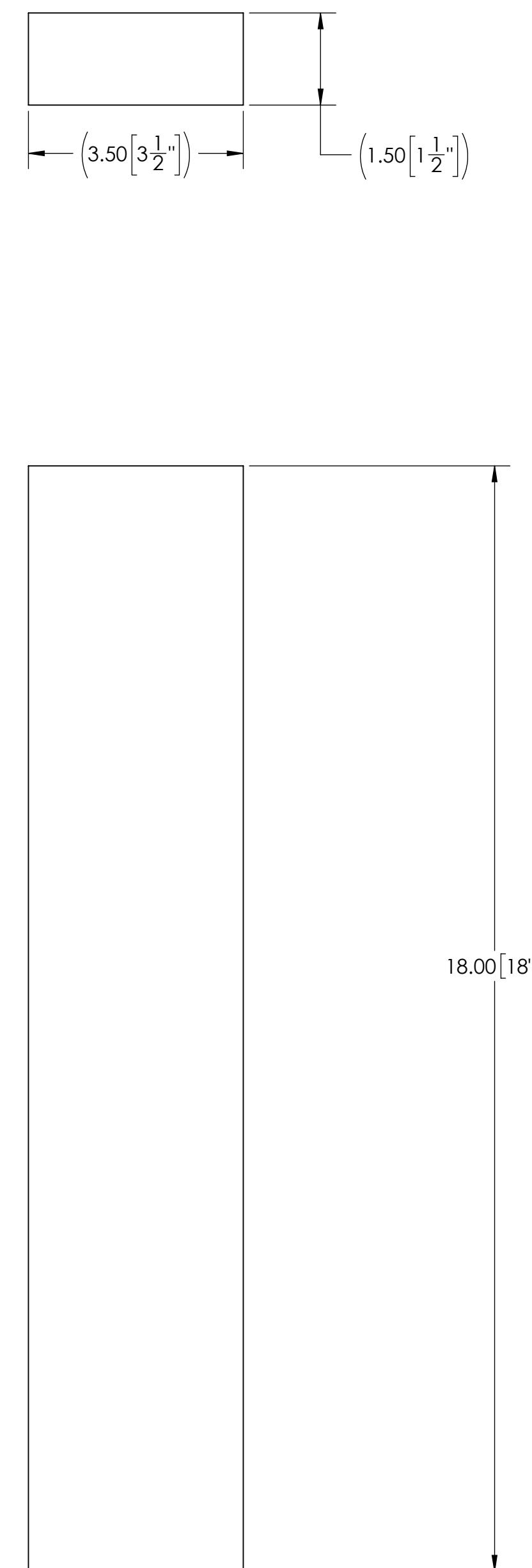
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<b>MATERIAL/FINISH:</b> 2x4 Lumber			
<b>COMMENTS:</b> REMOVE ALL BURRS AND SHARP EDGES.			
DO NOT SCALE DRAWING			

 **FIRST  
ROBOTICS  
COMPETITION**  SOLIDWORKS  
Modeling Solutions Partner

TITLE: **Processor  
Horizontal  
Support**

SIZE DWG. NO. REV  
**C** TE-25103

SCALE: 1:2 SHEET 1 OF 1

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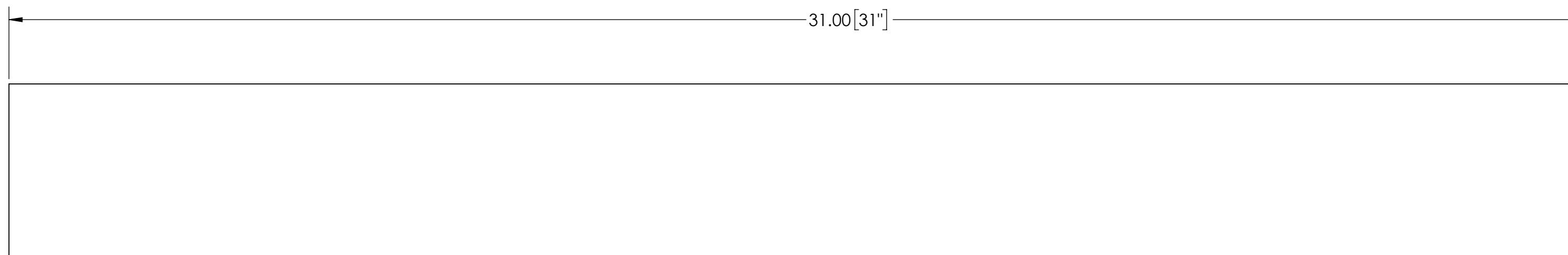
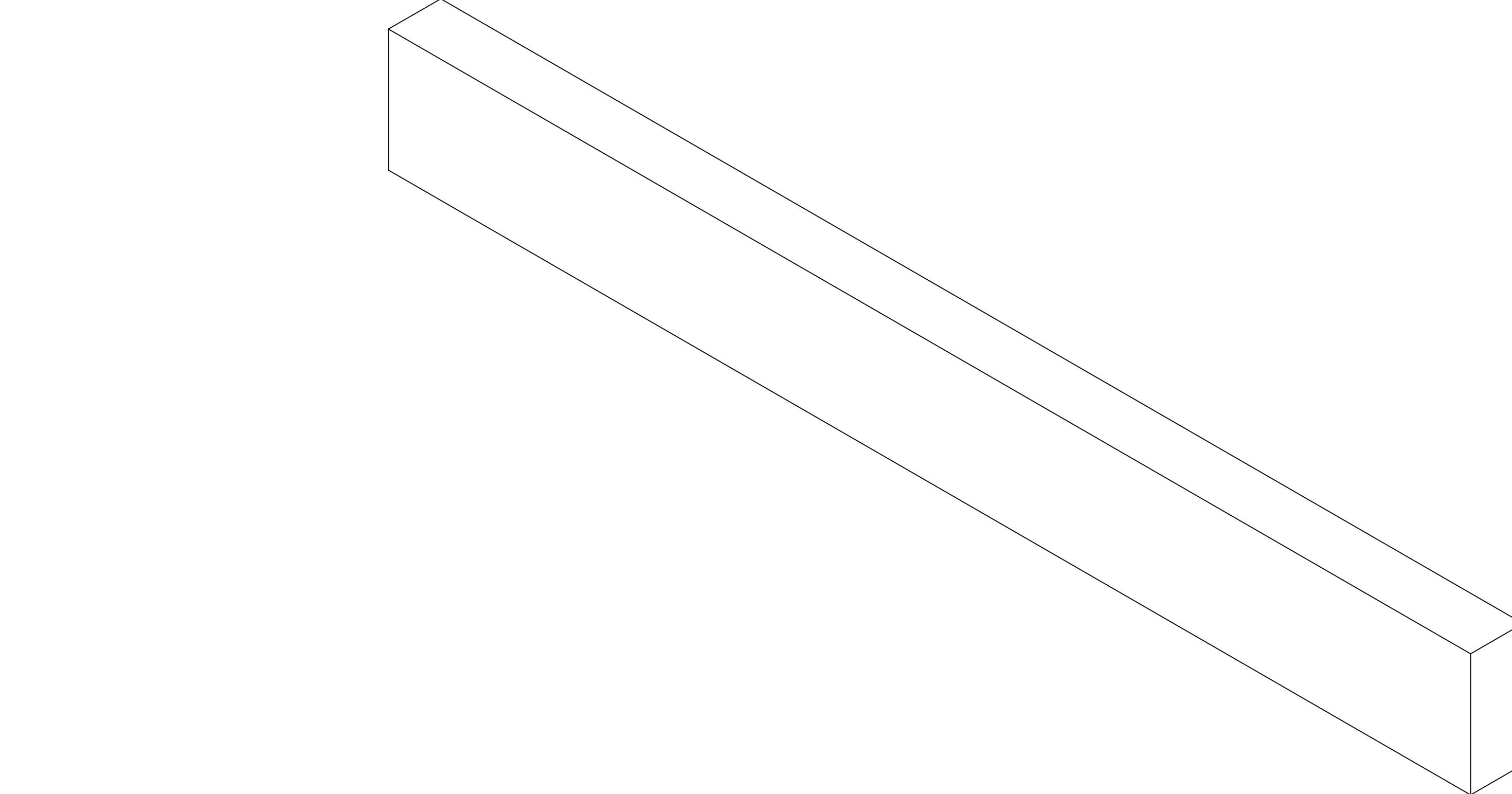
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UNLESS OTHERWISE SPECIFIED:	TEAM	NAME	DATE
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .13$ THREE PLACE DECIMAL $\pm .125$	DRAWN	JO	12/11/2024
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MATERIAL/FINISH: 2x4 Lumber	SIZE	DWG. NO.	REV
COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.	C	TE-25104	
DO NOT SCALE DRAWING	SCALE: 1:2	SHEET 1 OF 1	

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

TITLE:  
**Processor  
Diagonal Beam**

SIZE DWG. NO. REV  
**C TE-25104**

SCALE: 1:2 SHEET 1 OF 1

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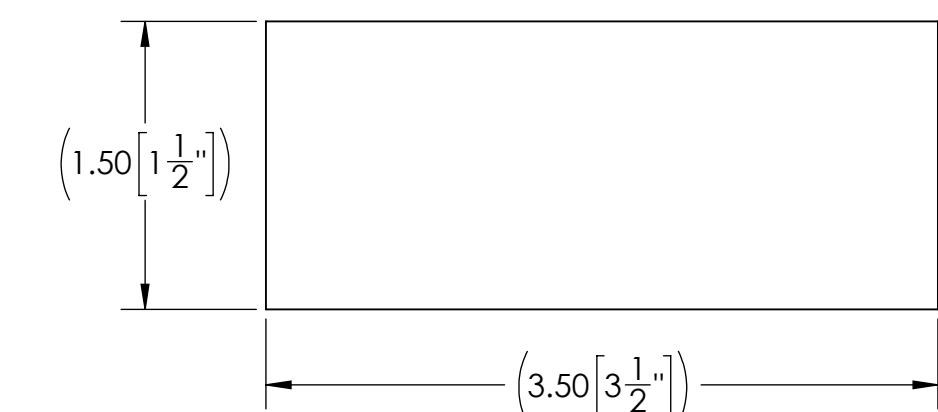
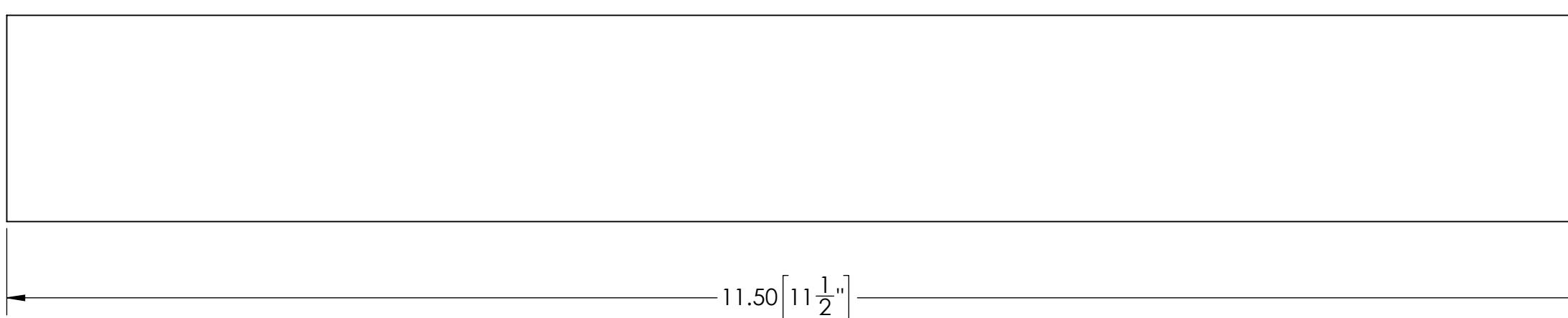
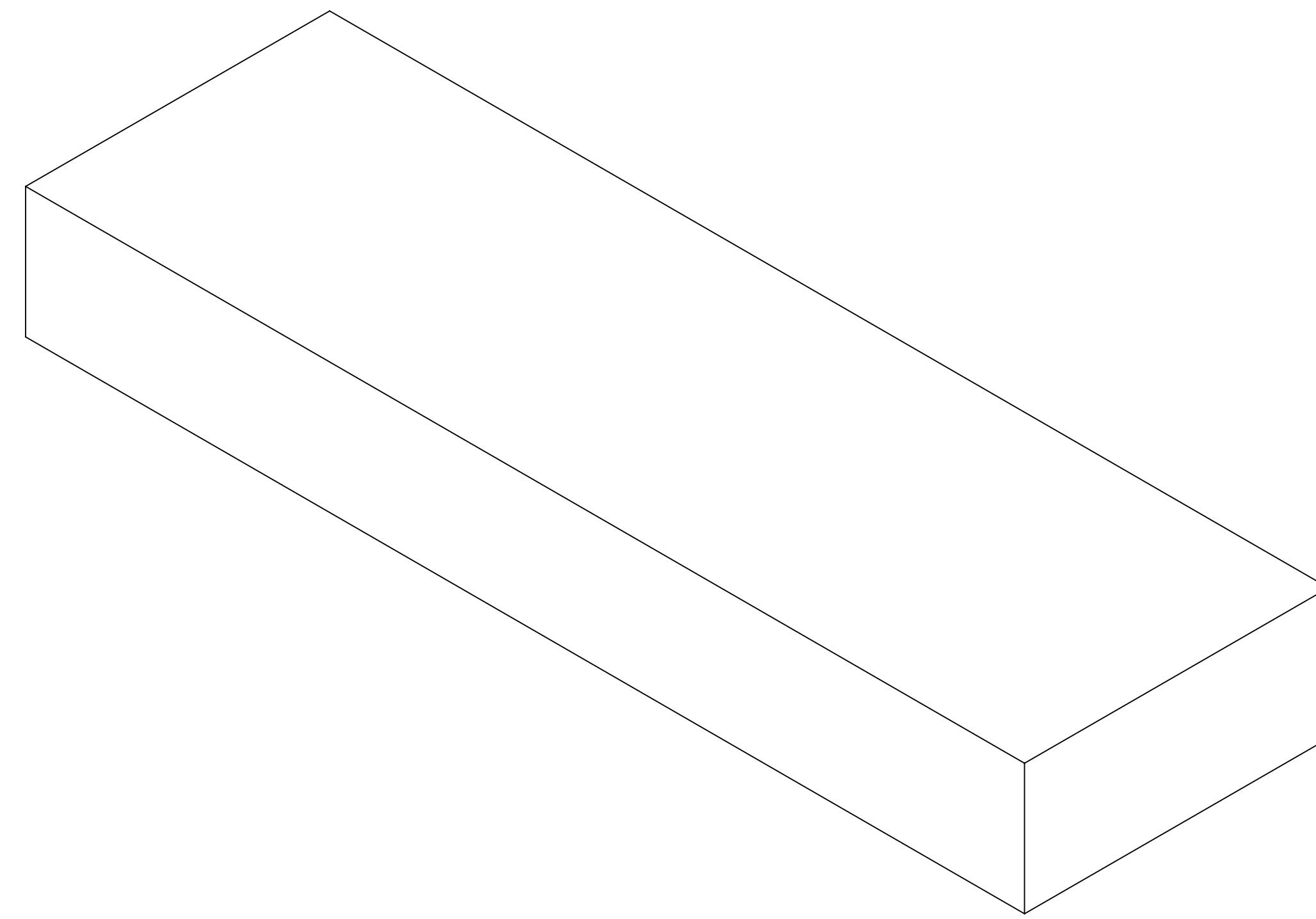
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .13$ THREE PLACE DECIMAL $\pm .125$	DRAWN	JO	12/11/2024
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MATERIAL/FINISH:	SIZE	DWG. NO.	REV
2x4 Lumber	C	TE-25105	
COMMENTS:		SCALE: 1:1	
REMOVE ALL BURRS AND SHARP EDGES.		SHEET 1 OF 1	
DO NOT SCALE DRAWING			

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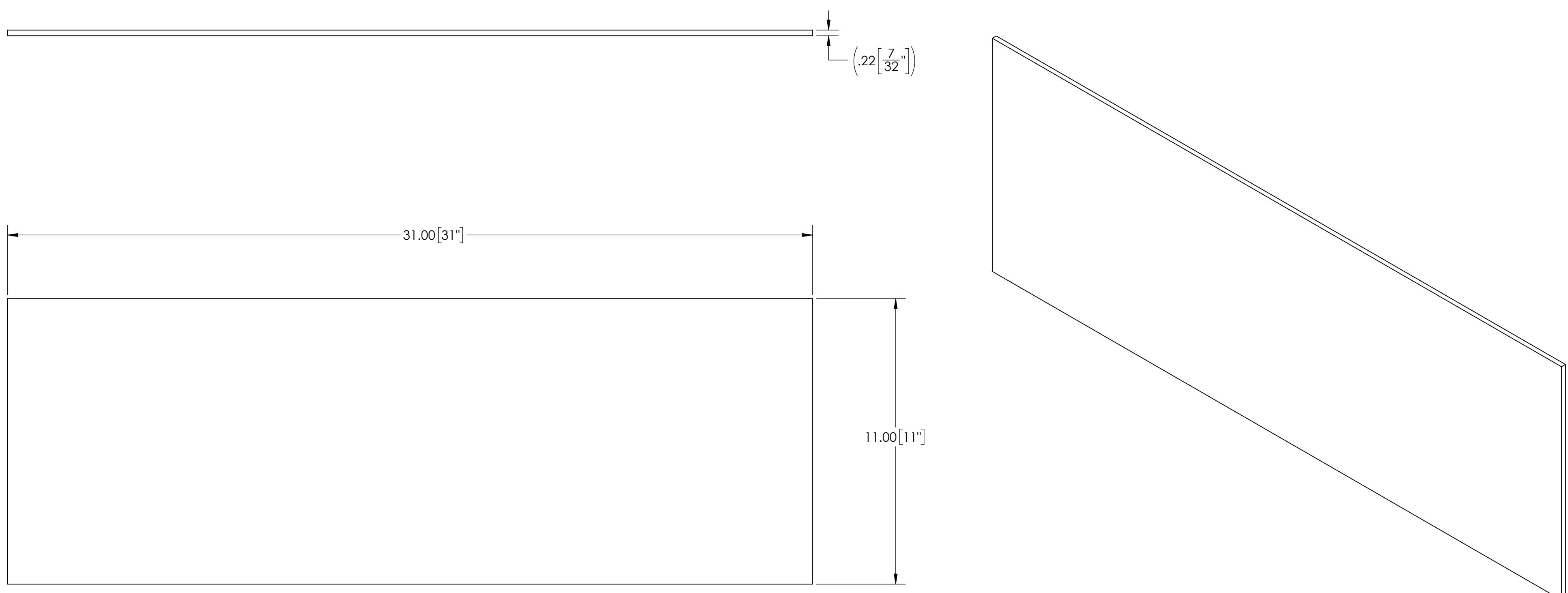
1

 FIRST  
ROBOTICS  
COMPETITION SOLIDWORKS  
Modeling Solutions Partner**Processor  
Connecting  
Beam**SIZE DWG. NO. REV  
**C** TE-25105

SCALE: 1:1 SHEET 1 OF 1

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UNLESS OTHERWISE SPECIFIED:	TEAM	NAME	DATE
DRAWN	JO	12/11/2024	
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MATERIAL/FINISH:	SIZE	DWG. NO.	REV
1/4" Plywood (7/32")	C	TE-25106	
<b>COMMENTS:</b> REMOVE ALL BURRS AND SHARP EDGES.			
DO NOT SCALE DRAWING	SCALE: 1:3	SHEET 1 OF 1	

**FIRST  
ROBOTICS  
COMPETITION**
**SOLIDWORKS**

Modeling Solutions Partner

TITLE:  
**Processor April Tag Panel**

SIZE DWG. NO. REV  
**C TE-25106**