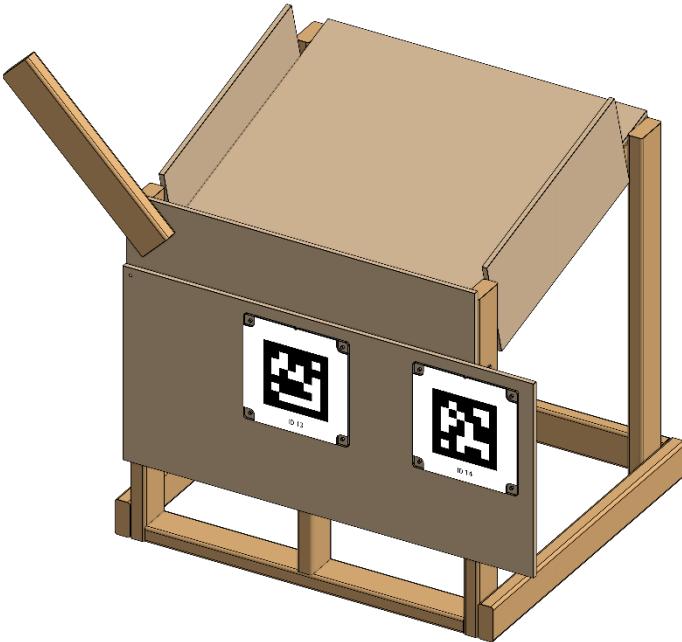


## TE-26000 OUTPOST



### Description

This is an Outpost, designed so teams can practice acquiring Fuel. Each field element has multiple versions designed for teams. Before constructing this assembly, be sure to check [the Playing FIELD webpage](#) to confirm the design is the best fit for your team. In this document, you will find assembly instructions and drawings for this design.

### CAD Files

CAD files are available in two formats. Links to both versions can be found on [the Playing FIELD webpage](#).

The Onshape version of the CAD files can be accessed. This design was created in Onshape, a *FIRST®* Modeling Solutions Sponsor.



STEP files of this assembly are included for the convenience of non-Onshape users.

### Drawings

All drawing files have been exported to PDF Format. Drawings show the dimensions and details required to cut out individual parts. Assembly instructions can be found below in this document.

### Shopping List (if building multiple team element designs, plywood and lumber can be consolidated)

Plywood and Lumber (Example Cut List is at end of Readme):

- 2" x 4" x 8' Lumber – 6 Pieces
- 1" x 2" x 8' Lumber – 1 Pieces
- 4' x 8' x 1/2" Thick Plywood – 1 Sheet

Hardware/Other:

- #8 Wood Screws x 2.5" long – Approximately 54 Pieces
- #8 Wood Screws x 1.5" long – Approximately 16 Pieces
- #8 Wood Screws x 1" long – Approximately 4 Pieces
- 1/4-20 x 3.5in long bolt – 2 Pieces

- 1/4-20 Wing Nut – 2 Pieces
- Optional – the TE-26016 (Outpost Chute Door) may be done via a wood screw, or with a nut and bolt. If opting for a nut and bolt:
  - o 1/4-20 x 5in long bolt – 1 Piece
  - o 1/4-20 Wing Nut – 1 Piece (3 total after including the 2 above)

## Notes about Hardware

All wood screws can be replaced with nuts and bolts of your choosing to make the design easier to disassemble and store. If this is not a concern for your team, wood screws will make for a sturdier assembly.

## Notes about Materials

- Plywood and Hardboard Sheets – quality of plywood is up to the user. Plywood of lower qualities may contain voids and may warp more than high quality plywood. All dimensions listed are “nominal”. For example, 1/2” plywood is typically 15/32”.
- Lumber - quality of lumber is up to the user. Please keep in mind that lumber of lower qualities may warp more than high quality lumber. All dimensions below are the “mill cut” dimensions. For example, 2” x 4” lumber is really 1-1/2” x 3-1/2”.

## Example Cut List (All units are Inches)

2x4 Lumber (can be combined with all other Team Elements to reduce number of purchased pieces. Be sure to note required repetitions – how many times each Layout ID needs to be cut):

Layout ID	Repetition	Stock length	Part length / Label	Qty	Cuts in layout
A	1x	96	34 / TE-26002	2	The number of cuts 4
			20 / TE-26017	1	Waste
			7 / TE-26004	1	Material remnant 0.5
34 TE-26002		34 TE-26002		20 TE-26017	7 TE-26004
Layout ID	Repetition	Stock length	Part length / Label	Qty	Cuts in layout
B	2x	96	36 / TE-26015	1	The number of cuts 2
			33.5 / TE-26009	1	Waste
36 TE-26015		33.5 TE-26009			
Layout ID	Repetition	Stock length	Part length / Label	Qty	Cuts in layout
C	1x	96	34.838 / TE-26010	1	The number of cuts 2
			33 / TE-26012	1	Waste
34.838 TE-26010		33 TE-26012			
Layout ID	Repetition	Stock length	Part length / Label	Qty	Cuts in layout
D	1x	96	33 / TE-26012	1	The number of cuts 2
			31.838 / TE-26003	1	Waste
33 TE-26012		31.838 TE-26003			
Layout ID	Repetition	Stock length	Part length / Label	Qty	Cuts in layout
E	1x	96	31.838 / TE-26003	1	The number of cuts 1
31.838 TE-26003					

1x2 Lumber:

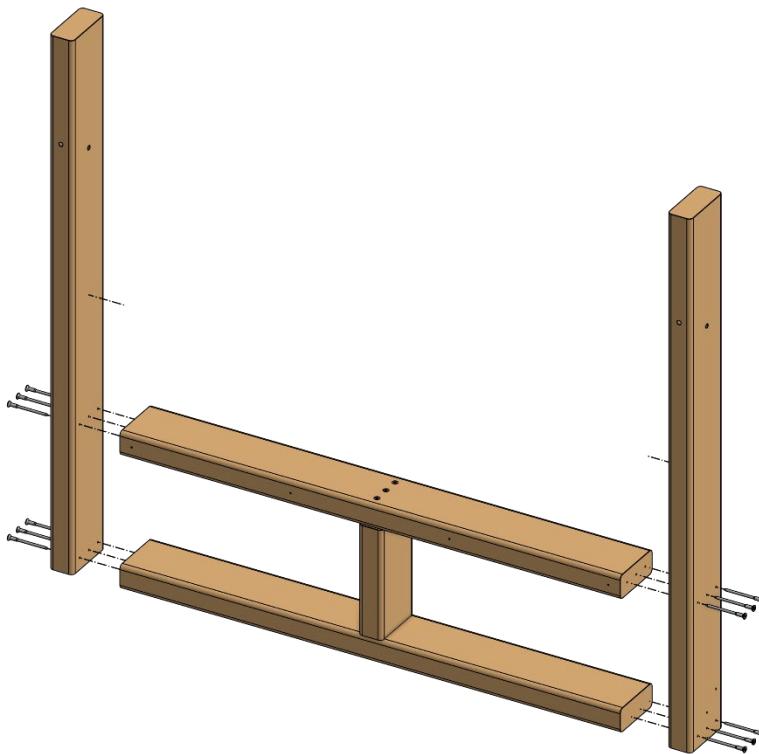
Layout ID <b>A</b>	Repetition <b>1x</b>	Stock length <b>96</b>	Part length / Label	Qty	Cuts in layout
			31.838 / TE-26007	2	The number of cuts
			15 / TE-26006	2	Waste
					Material remnant 2.324
31.838 TE-26007		31.838 TE-26007		15 TE-26006	15 TE-26006

1/2" Plywood (can be combined with all other Team Elements to reduce number of purchased panels):

Layout ID <b>A</b>	Repetition <b>1x</b>	Stock dimensions <b>96 x 48</b>	Panel	Qty
			34.838 x 8.5 / TE-26016	1
			33 x 31.838 / TE-26013	1
			41.169 x 19.5 / TE-26005	1
			10 x 23 / TE-26014	2
33 TE-26013		41.169 TE-26005		Cuts in layout
31.838	19.5	34.838 TE-26016	10	The length of cuts 315.477
3.598	8.5	34.838 TE-26016	10	The number of cuts 9
16.037	9.6	6.206 12.213 8.713 21.581	23 23 23	TE-26014

## Assembly Instructions

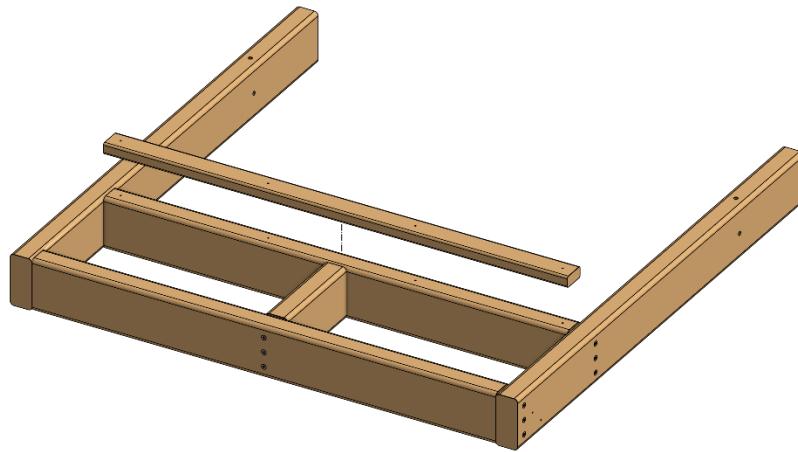
1. Fasten the TE-26001 (Outpost Front Frame) assembly together by attaching the TE-26004 (Outpost Front Middle Beam) centered between two TE-26003 (Outpost Front Horizontal Beam) and then attach two TE-26002 (Outpost Front Vertical Beam) vertical on both sides while being in line with the ground. Attach all together using 2-1/2in screws. The holes on TE-26002 should be biased up.



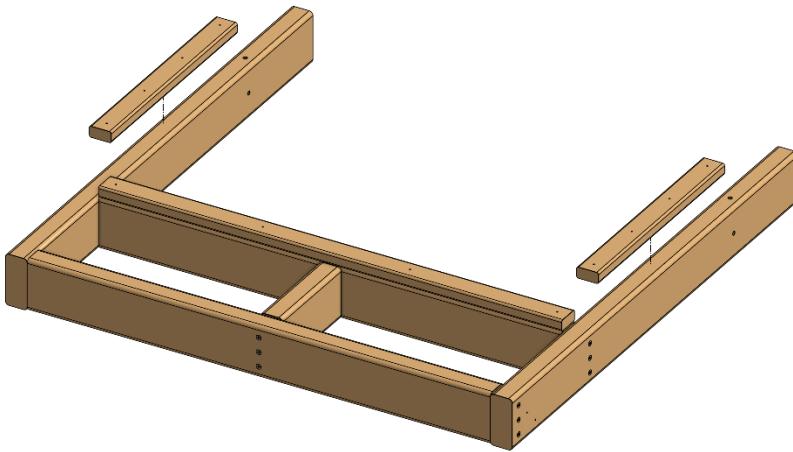
2. After assembly of the frame, lay the current frame on the ground face up.

Steps 3-6: DO NOT FASTEN anything until step 6 when everything is aligned.

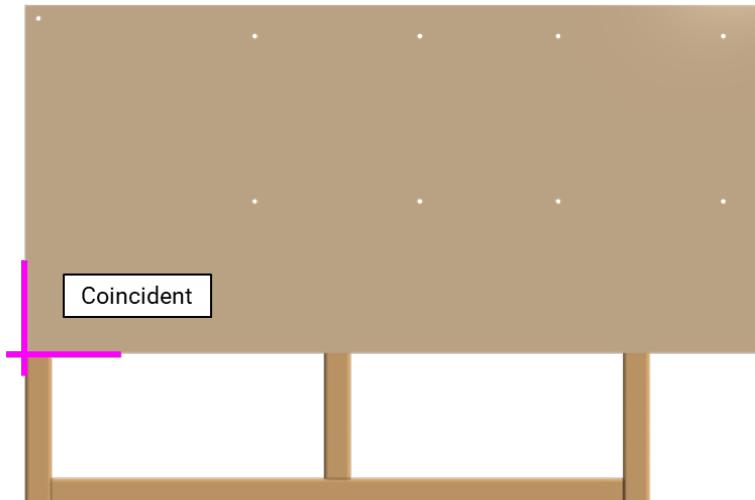
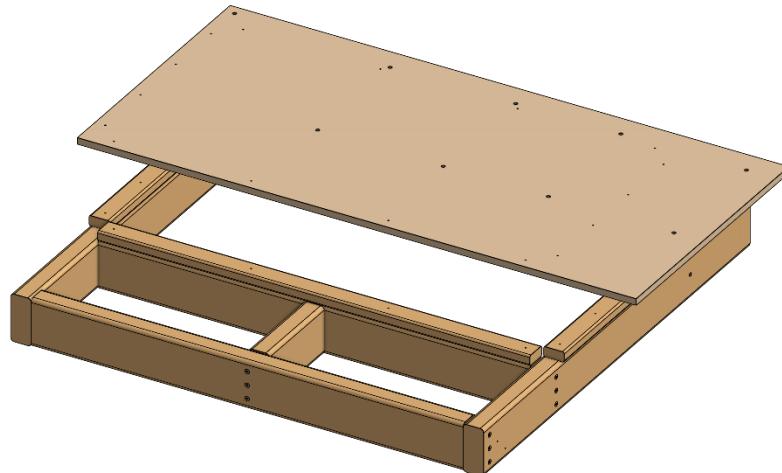
3. Align and set one TE-26007 (Outpost Front Horizontal Spacer) on the front face of the top TE-26003 (Outpost Front Horizontal Beam). Do not fasten anything until the very end when the front plate has been aligned.



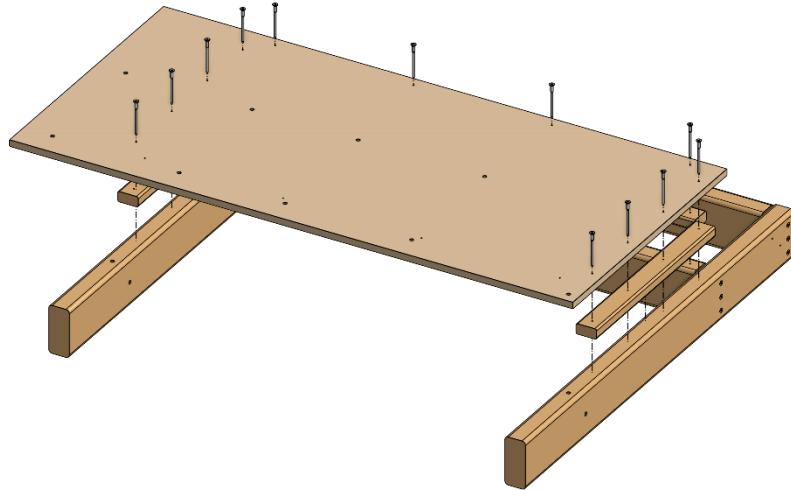
4. Align two of the TE-26006 (Outpost Front Vertical Spacer) on the front face of the TE-26002s (Outpost Front Vertical Beam), while keeping the corners coincident with the TE-26007.



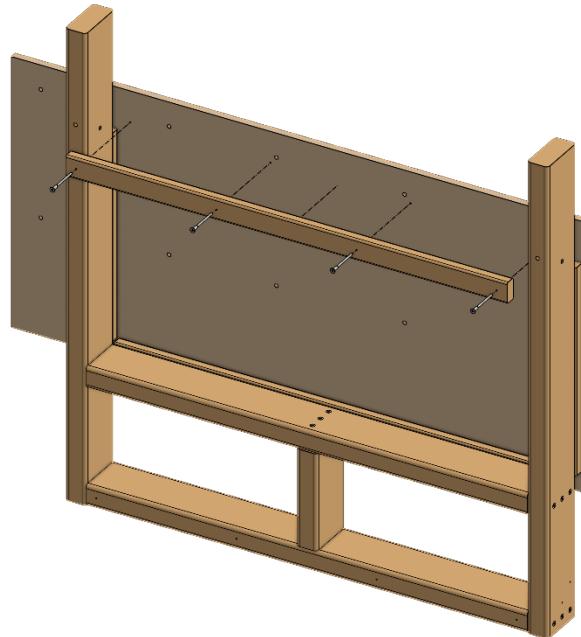
5. Attach the TE-26005 (Outpost Front Plate) on top of all the spacers while making it coincident with the left most face of the left TE-26006 and the bottom most face of TE-26007.



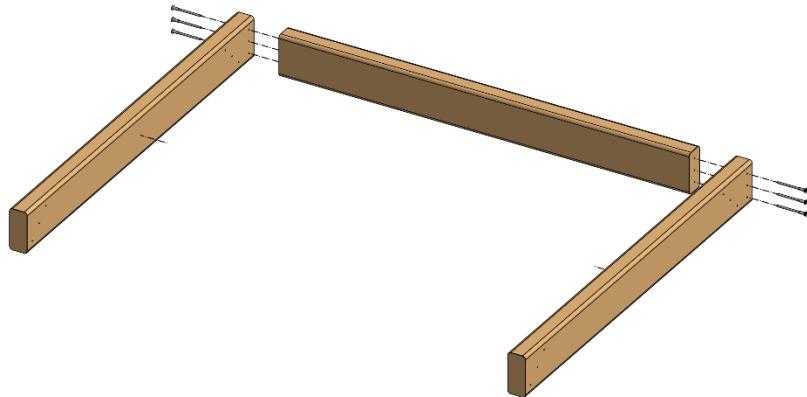
- Fasten all together using 2-1/2in screws.



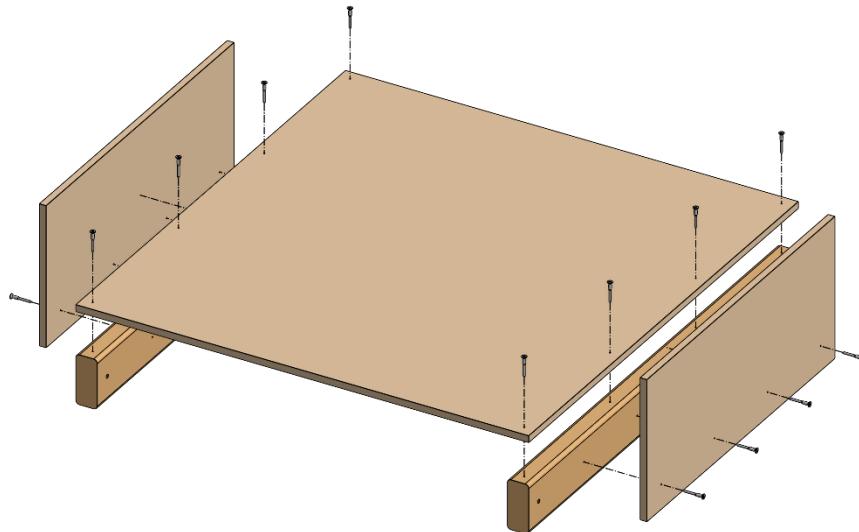
- Attach the final TE-26007 (Outpost Front Horizontal Spacer) to the back of the TE-26005 (Outpost Front Plate) keeping in the rectangular pattern with all the other spacers using 1in screws. Note: attaching screws in the opposite direction than shown will be harder to align but will result in a better connection.



8. Fasten the TE-26008 (Outpost Floor Frame) together with two TE-26009 (Outpost Floor Depth Beam) and one TE-26010 (Outpost Floor Width Beam). Attach all together using 2-1/2in screws.

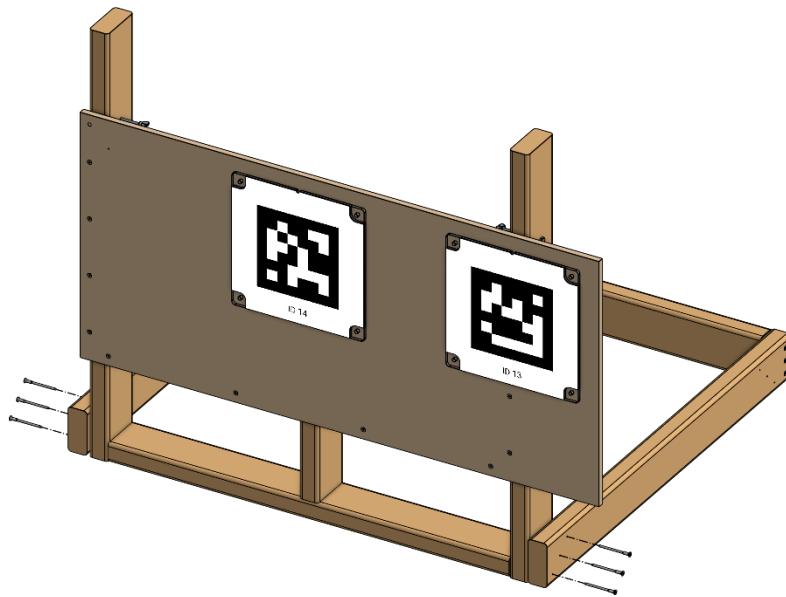


9. Fasten together the TE-26011(Outpost Chute Frame) by attaching two TE-26012 (Outpost Chute Beam) to the bottom side edge of the TE-26013 (Outpost Chute Panel) on both sides. Then attach two TE-26014 (Outpost Chute Side Plate) 5 inches from each side on the outside of both TE-26011s. Ensure the two TE-26012 are aligned the same way - the holes should be on the same side of the assembly. Attach all together using 1-1/2in screws.

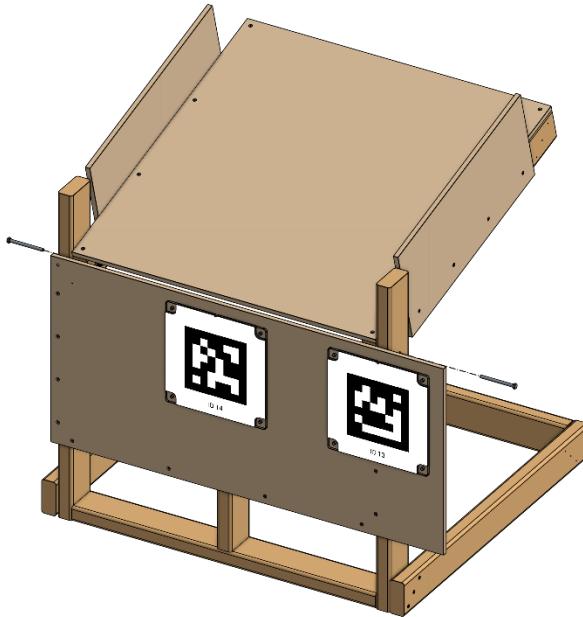




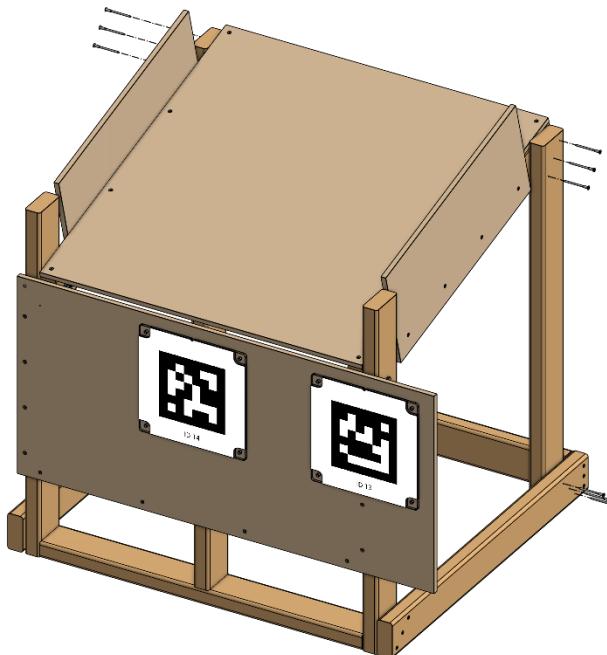
10. Attach the TE-26008 (Outpost Floor Frame) to the bottom of the TE-26001 (Outpost Front Frame) using 2-1/2in screws as shown below.



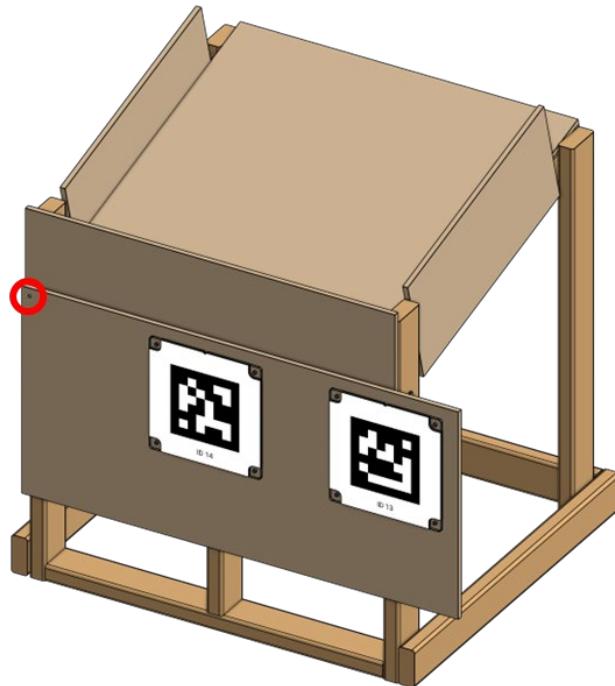
11. Attach the TE-26011 (Outpost Chute Frame) to the top of both TE-26002 (Outpost Front Vertical Beam) inserting the 1/4-20 x 3.5in bolts through the drilled holes in each part. Leave this loose enough so that TE-26011 can rotate freely.



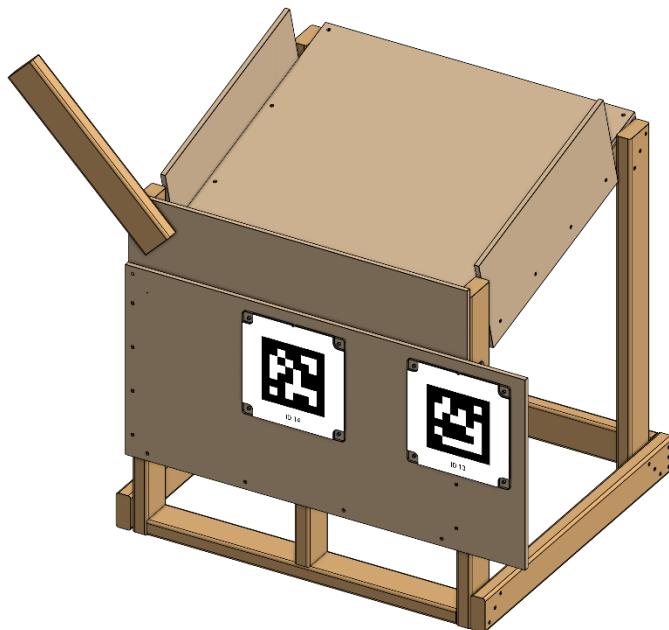
12. Using a Leveling App on your phone, rotate TE-26011 until it is at a 15-degree angle with the ground. Then use two TE-26015s (Outpost Back Height Beam) to lock the TE-26011 into place by attaching wood screws into both TE-26011 and TE-26008.



13. Attach the TE-26016 (Outpost Chute Door) to the top of the TE-26001 (Outpost Front Frame) with either a wood screw or a 1/4-20 x 5in long bolt. If using the bolt – insert through the drilled holes in each part. If using a wood screw – align markings on the TE-26005 (Outpost Front Plate) and TE-26016 and screw in place and into the TE-26002 behind. Do not overtighten hardware - the door should rotate freely up and down.



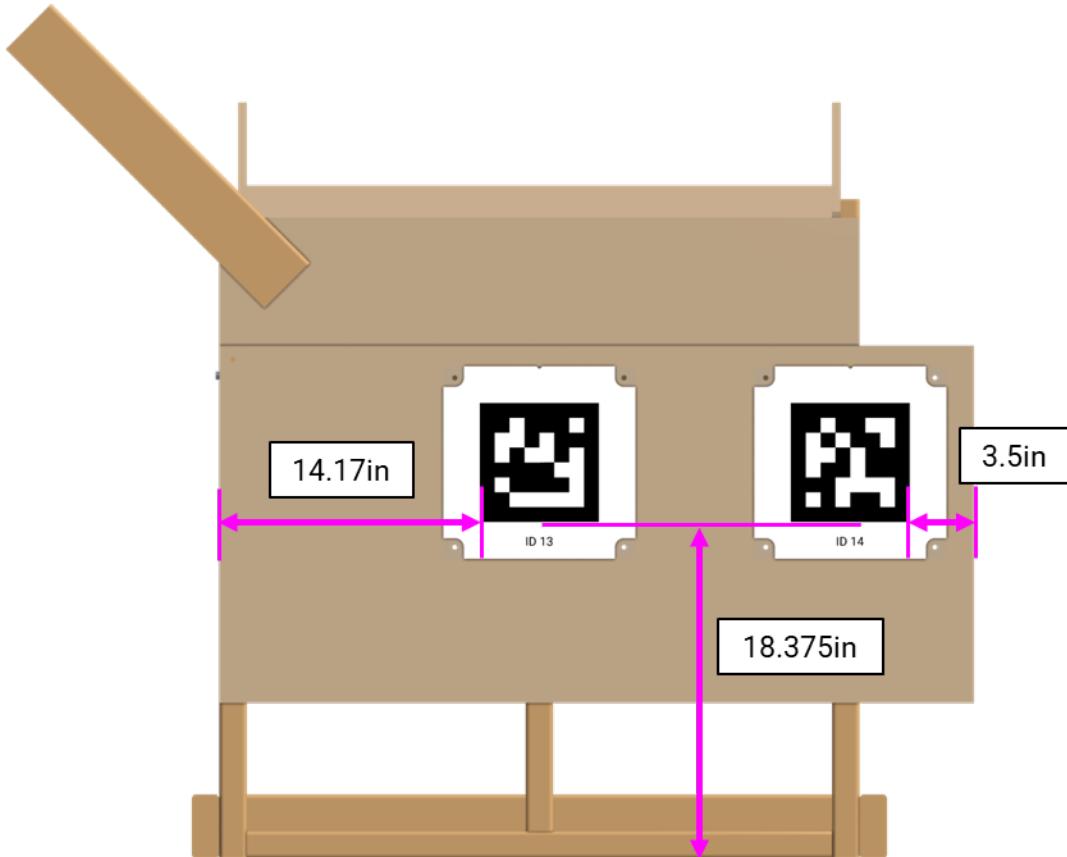
14. Attach TE-26017 (Outpost Chute Handle) in front of the TE-26016 (Outpost Chute Door) at an approximately ~45-degree angle to mock the actual Chute Door Handle and action



## AprilTag Placement

The image below illustrates where the tag should be located on the team version of the Outpost. The dimension provided is the height from the carpet to the bottom edge of the black square on the tag, and the left and right edge of the Front Plate to the edges of the black square on the tag.

The tag shown may not match the tag required for this field element. This tag may be IDs 13, 14, 29, or 30 depending on the desired position on the field. For further details on AprilTag field layout and printing AprilTags, see the AprilTag Images and User Guide document on [the Playing FIELD webpage](#).



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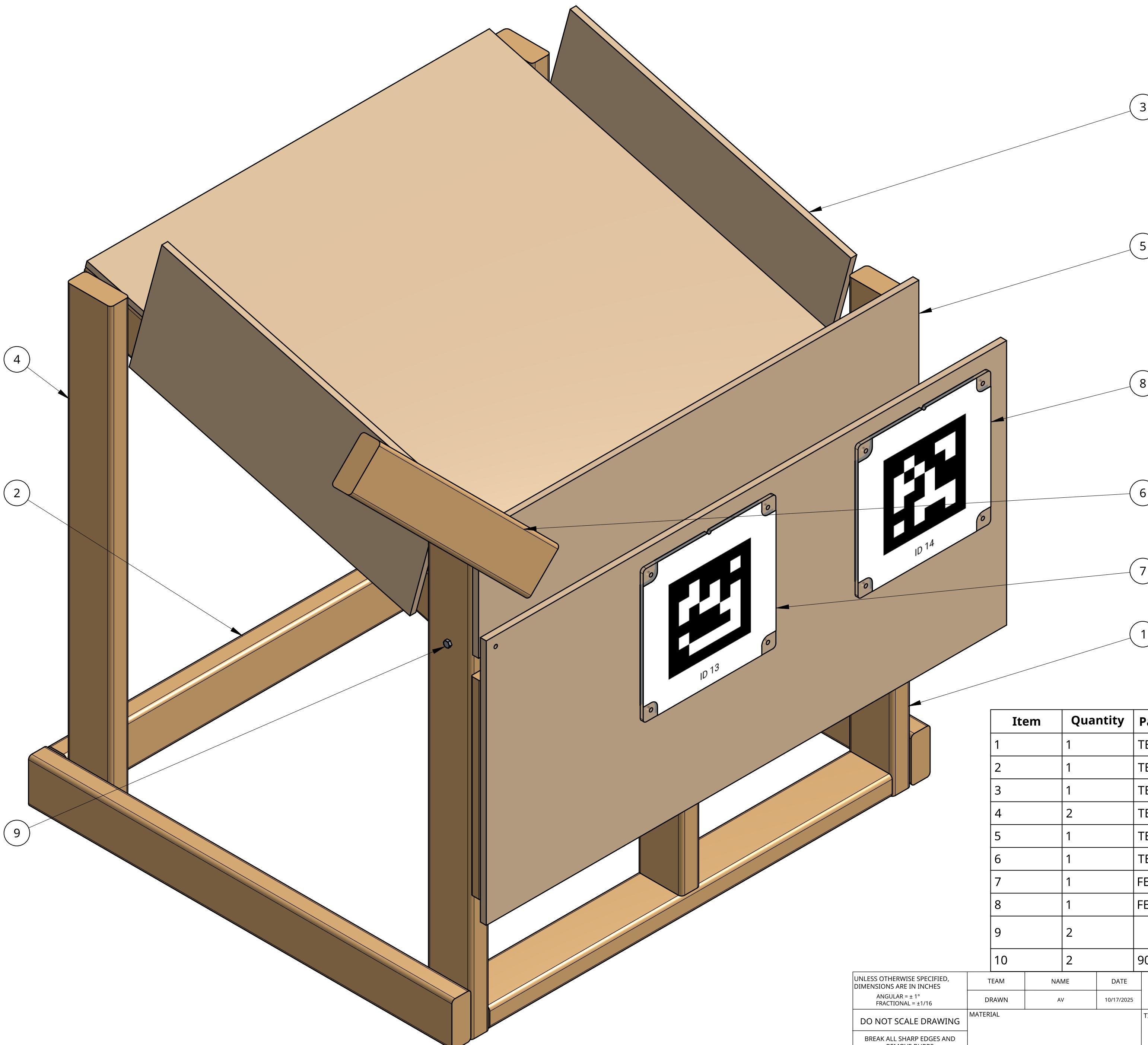
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Item	Quantity	Part number	Description
1	1	TE-26001	Outpost Front Frame
2	1	TE-26008	Outpost Floor Frame
3	1	TE-26011	Outpost Chute Frame
4	2	TE-26015	Outpost Back Height Beam
5	1	TE-26016	Outpost Chute Door
6	1	TE-26017	Outpost Chute Handle
7	1	FE-00083-ID13	AprilTag, ID 13
8	1	FE-00083-ID14	AprilTag, ID 14
9	2		Hex bolt 1/4-20 x 3.5 Steel Zinc Plated
10	2	90866A029	1/4"-20 Wing Nut

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 <b>TE OUTPOST</b>	
DO NOT SCALE DRAWING	DRAWN	AV	10/17/2025		
BREAK ALL SHARP EDGES AND REMOVE BURRS	MATERIAL		TITLE		
<b>PROPRIETARY AND CONFIDENTIAL</b> 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.				SIZE <b>C</b> DWG NO.	
SCALE 1:4				REV. <b>1</b> SHEET <b>1 of 1</b>	

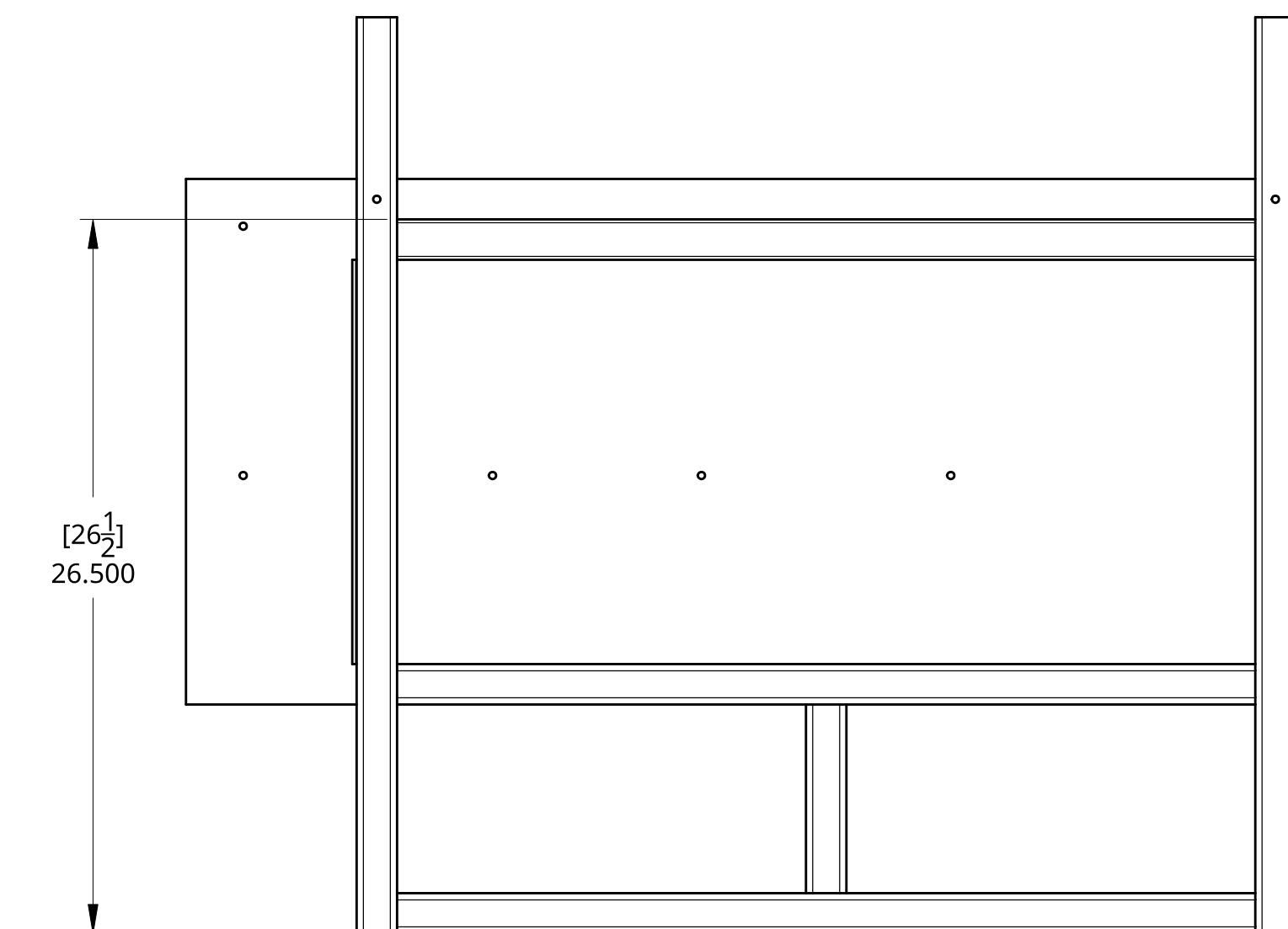
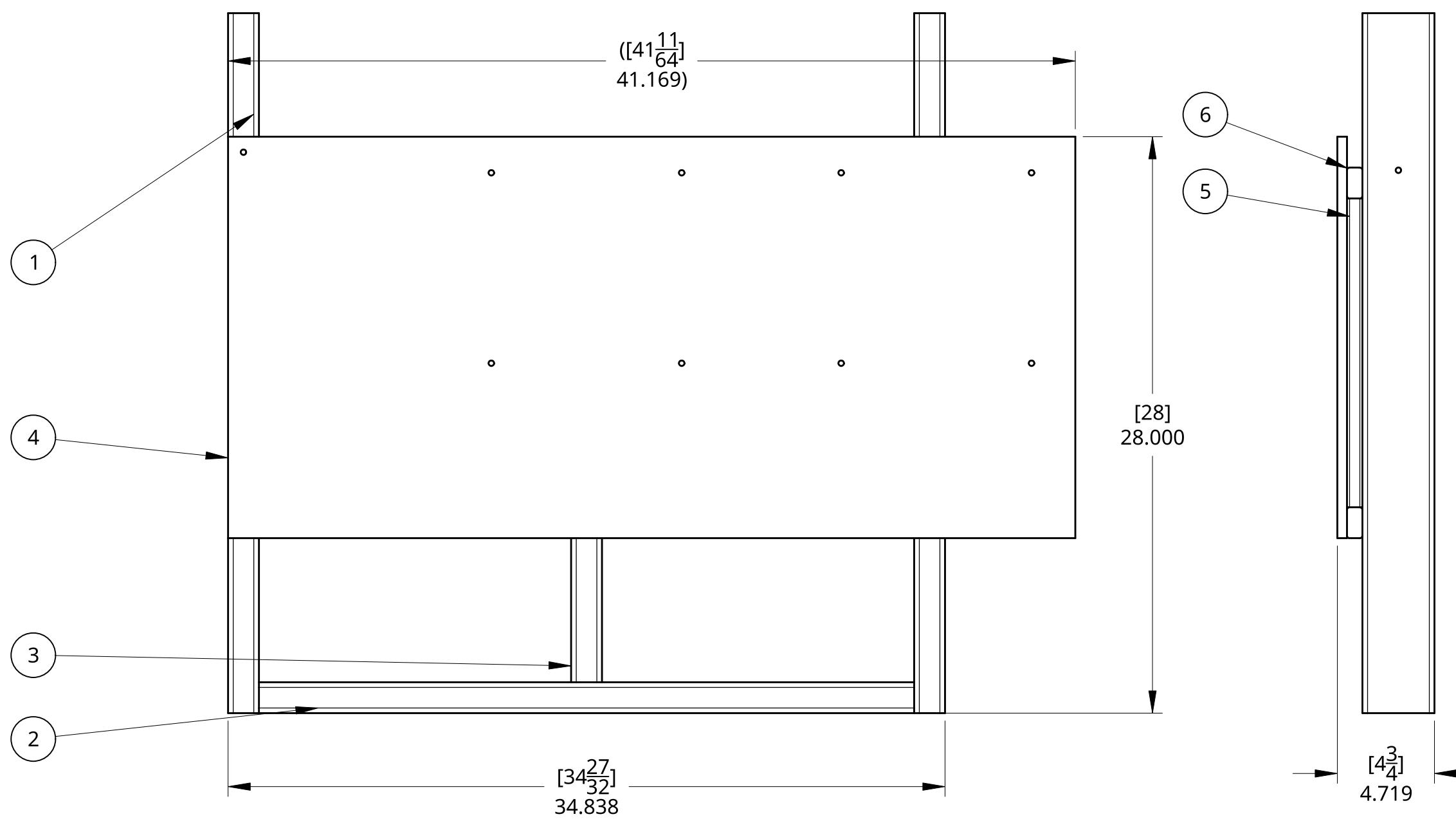
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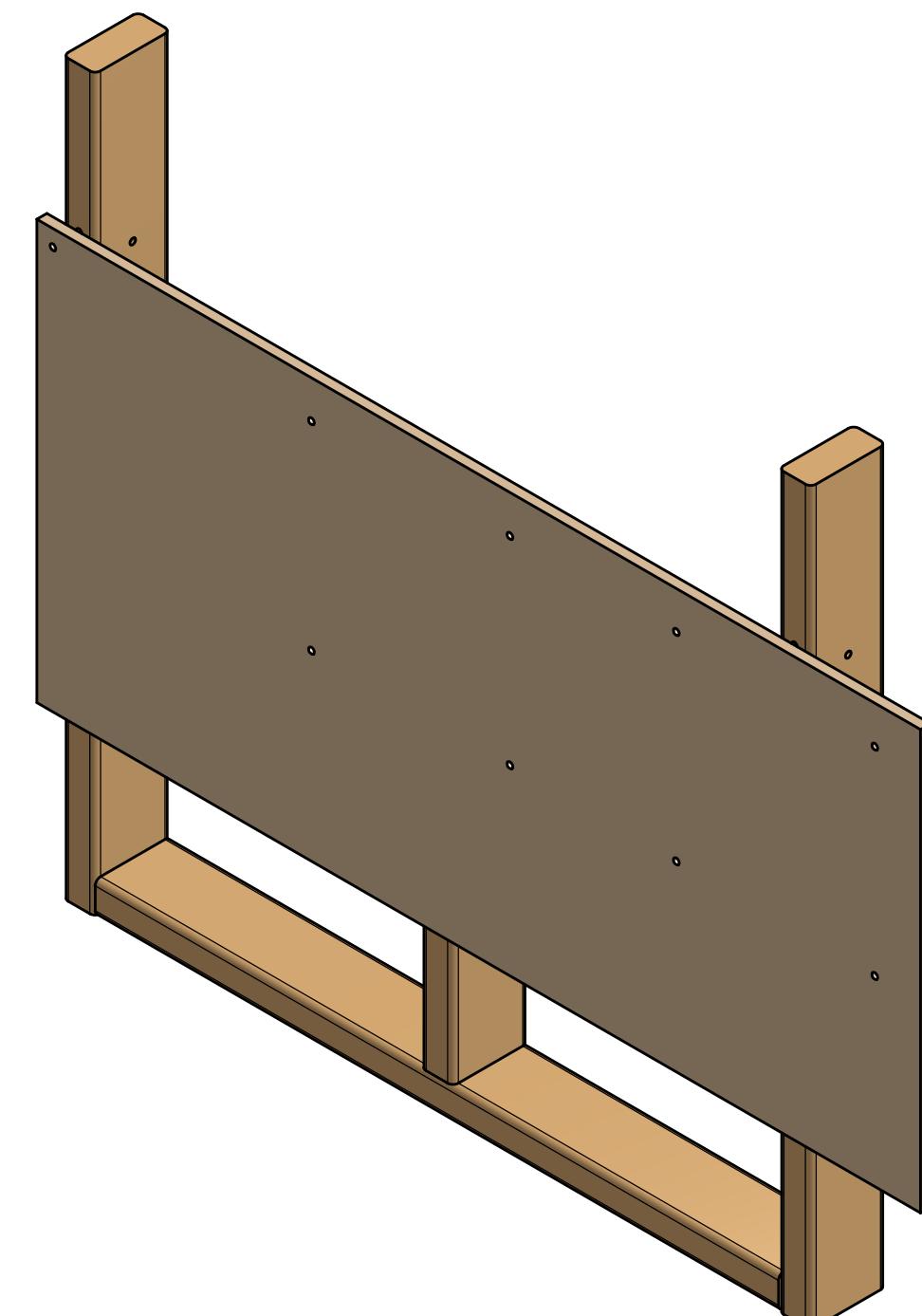
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UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES  
ANGULAR =  $\pm 1^\circ$   
FRACTIONAL =  $\pm 1/16$

DO NOT SCALE DRAWING  
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REPRODUCTION IN PART OR AS A  
WHOLE WITHOUT THE WRITTEN  
PERMISSION OF FIRST® IS  
PROHIBITED.

Item	Quantity	Part number	Description
1	2	TE-26002	Outpost Front Vertical Beam
2	2	TE-26003	Outpost Front Horizontal Beam
3	1	TE-26004	Outpost Front Middle Beam
4	1	TE-26005	Outpost Front Plate
5	2	TE-26006	Outpost Front Vertical Spacer
6	2	TE-26007	Outpost Front Horizontal Spacer

TEAM	NAME	DATE	FIRST ROBOTICS COMPETITION
DRAWN	AV	10/17/2025	

MATERIAL

TITLE

OUTPOST FRONT FRAME

SIZE C DWG NO. REV.

TE-26001

SCALE 1:6 SHEET 1 of 1

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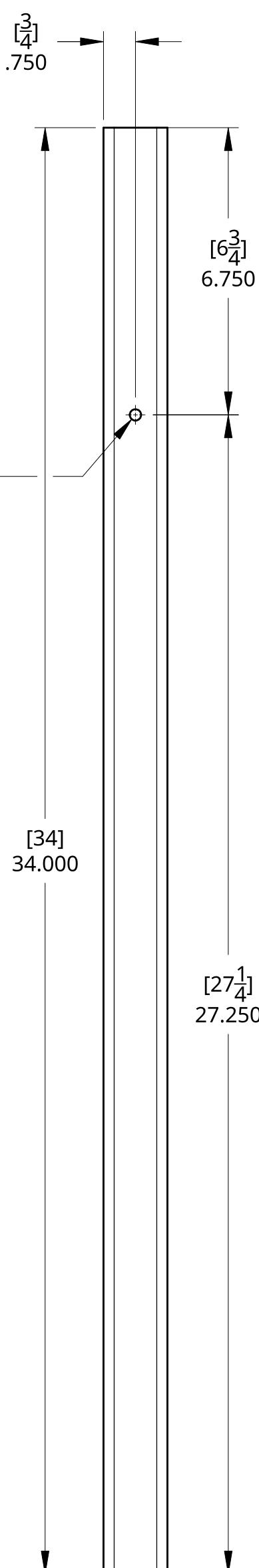
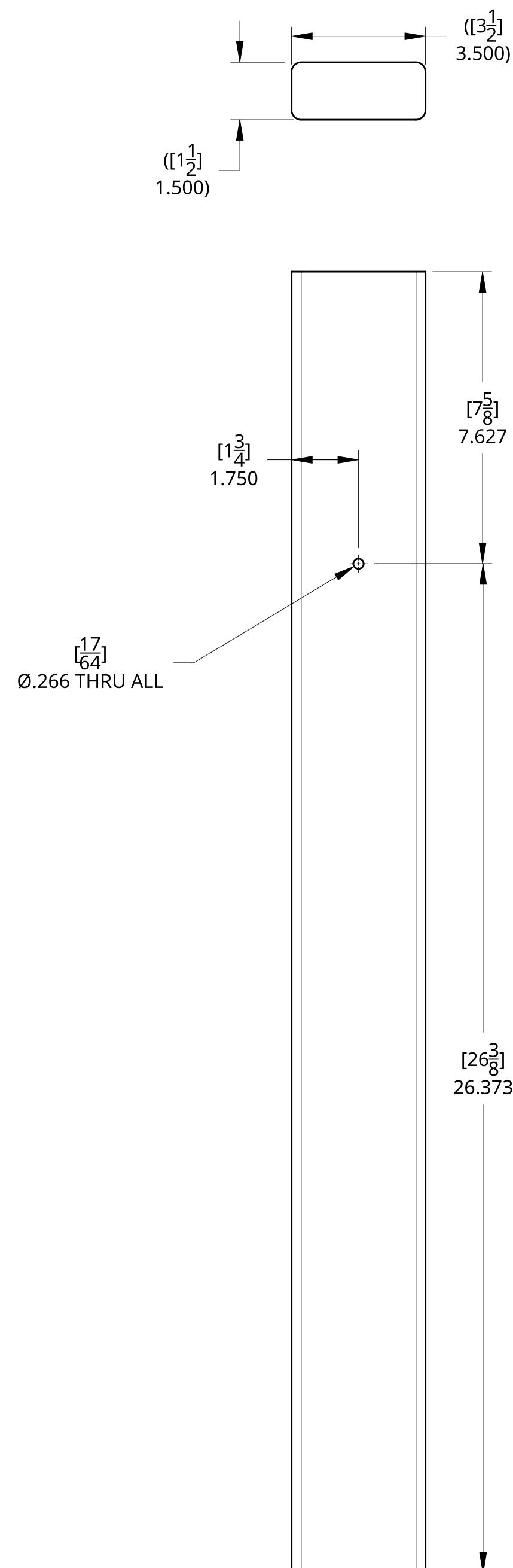
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$		TEAM	NAME	DATE	FIRST ROBOTICS COMPETITION	
		DRAWN	AV	10/21/2025		
DO NOT SCALE DRAWING						
BREAK ALL SHARP EDGES AND REMOVE BURRS						
MATERIAL	2X4 LUMBER					
SIZE	DWG NO.	OUTPOST FRONT VERTICAL BEAM				REV.
C	TE-26002					
SCALE	1:3	1 of 1				

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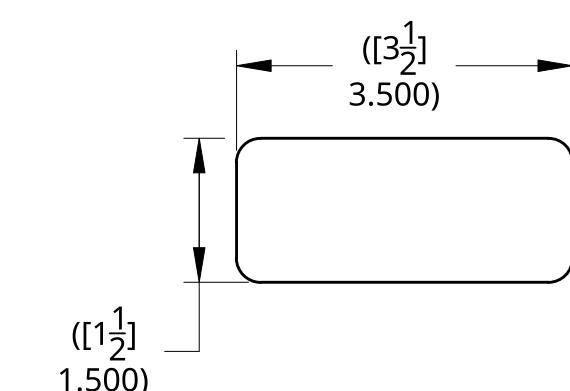
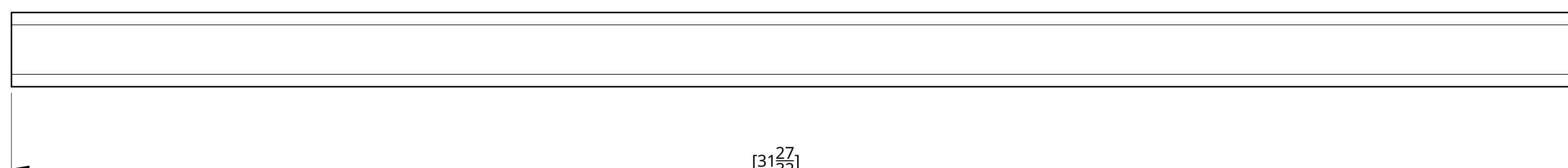
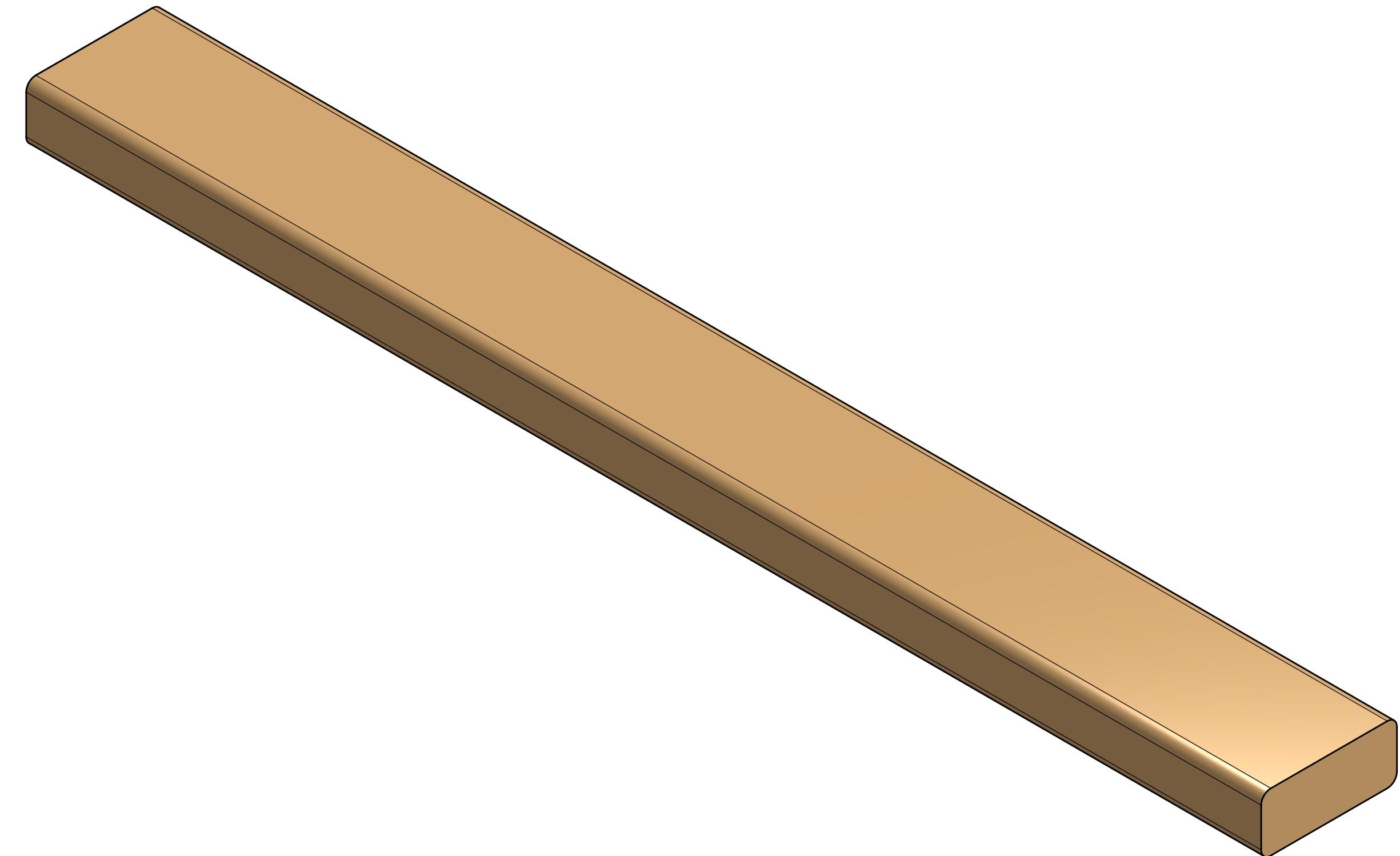
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING	MATERIAL	2X4 LUMBER	TITLE	OUTPOST FRONT HORIZONTAL BEAM
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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	SCALE	1:2	SHEET	1 of 1

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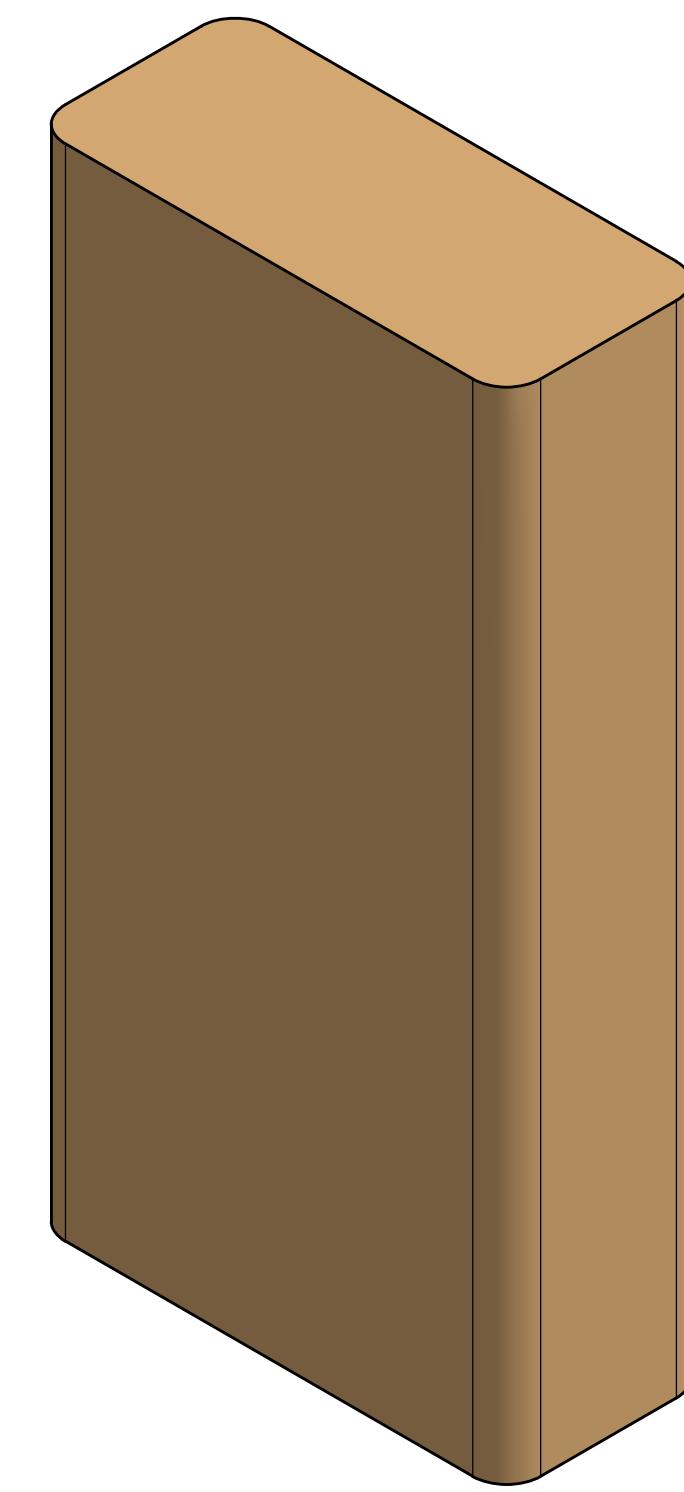
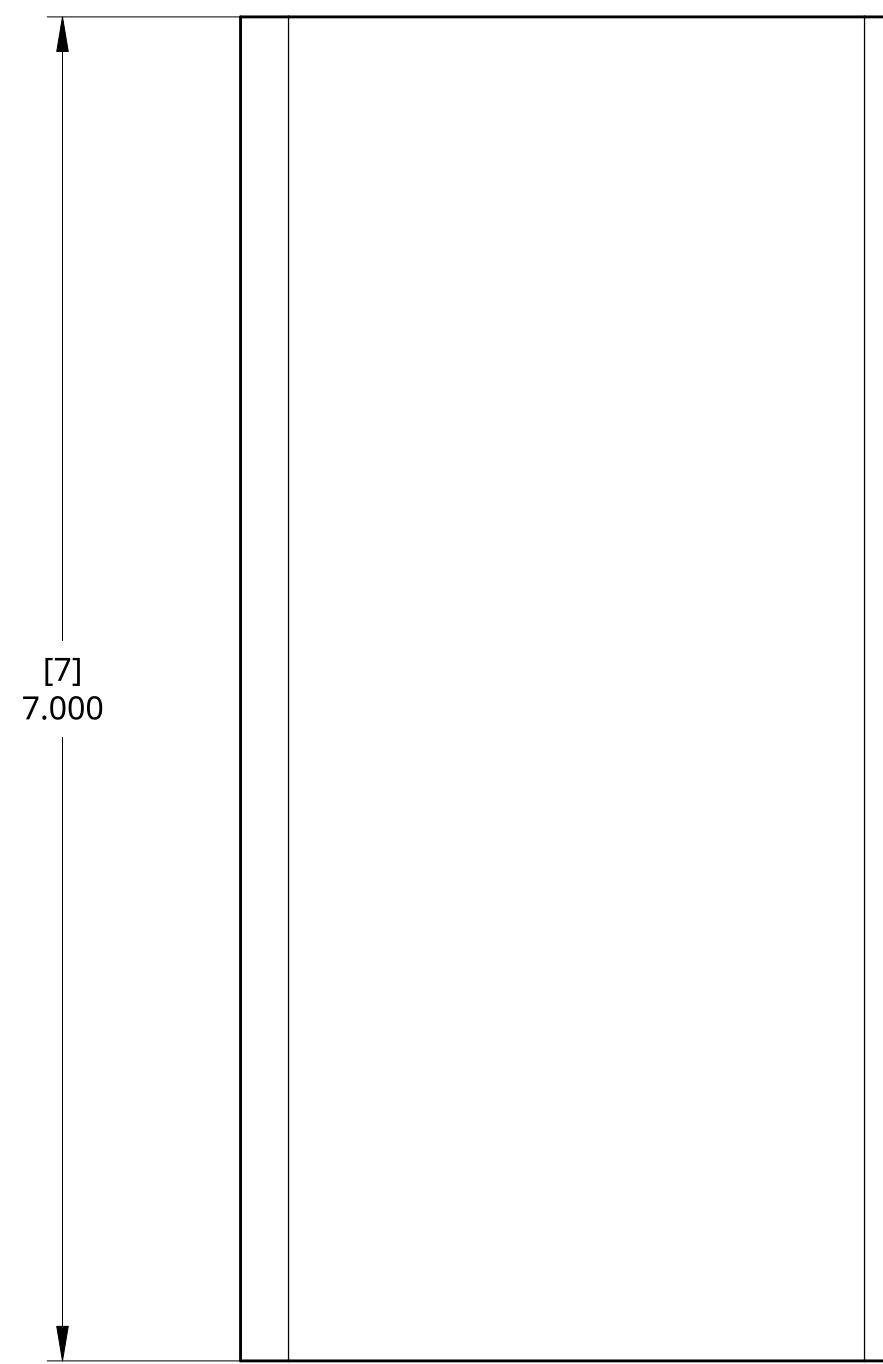
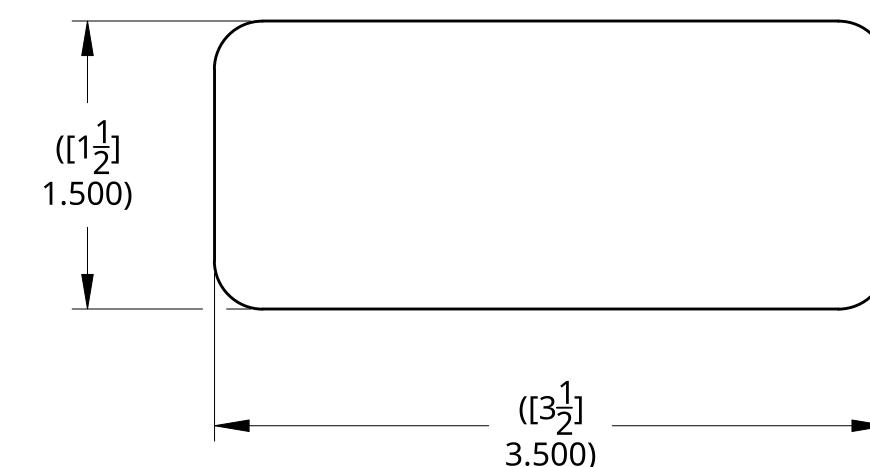
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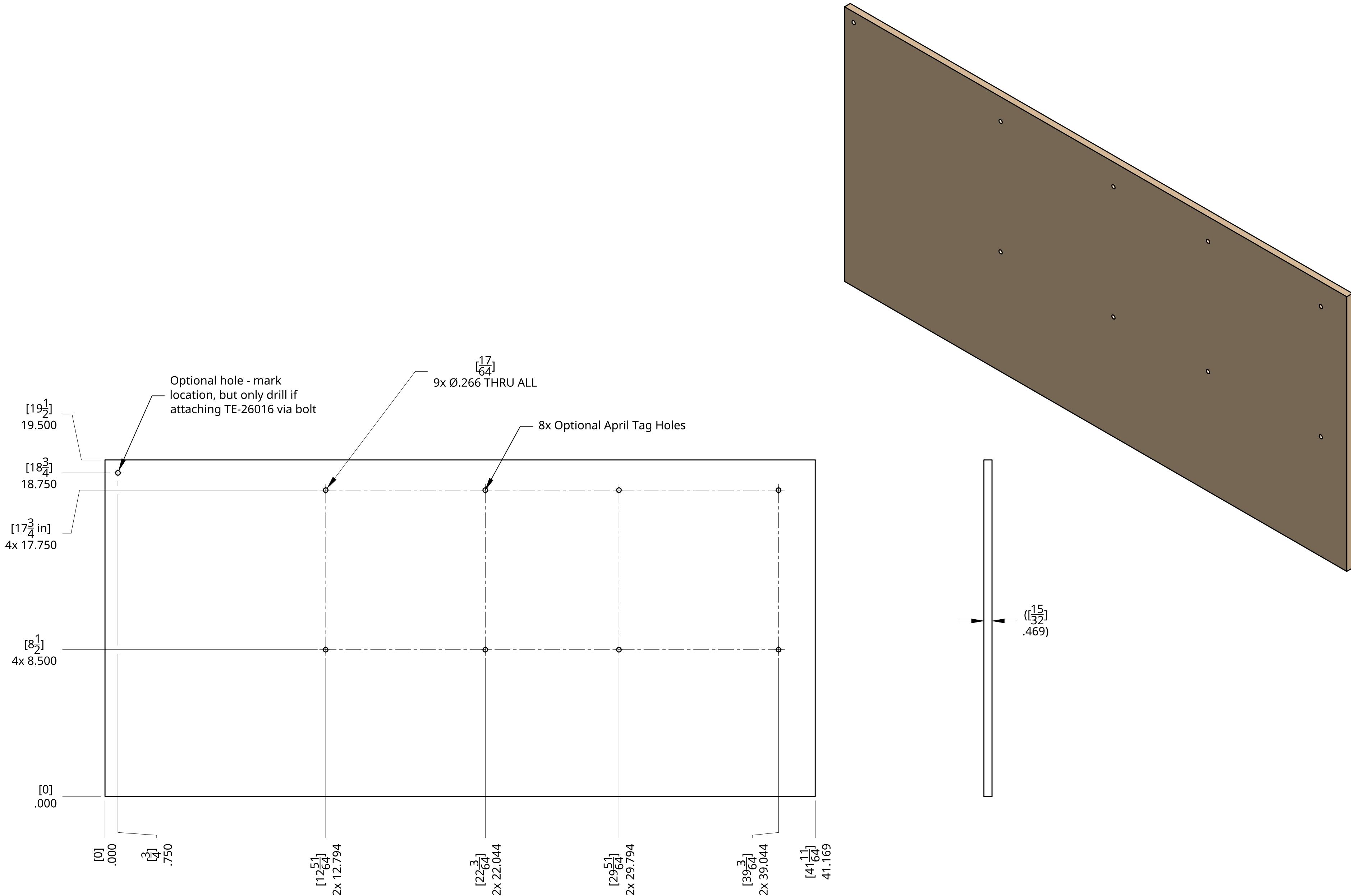
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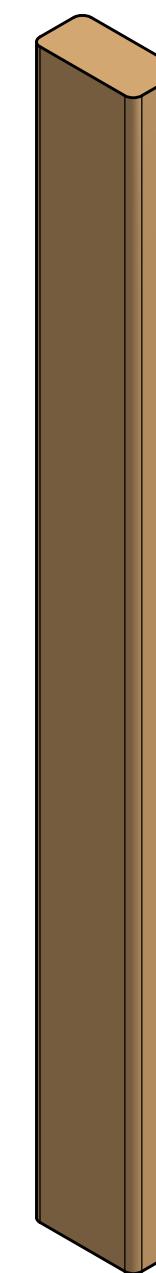
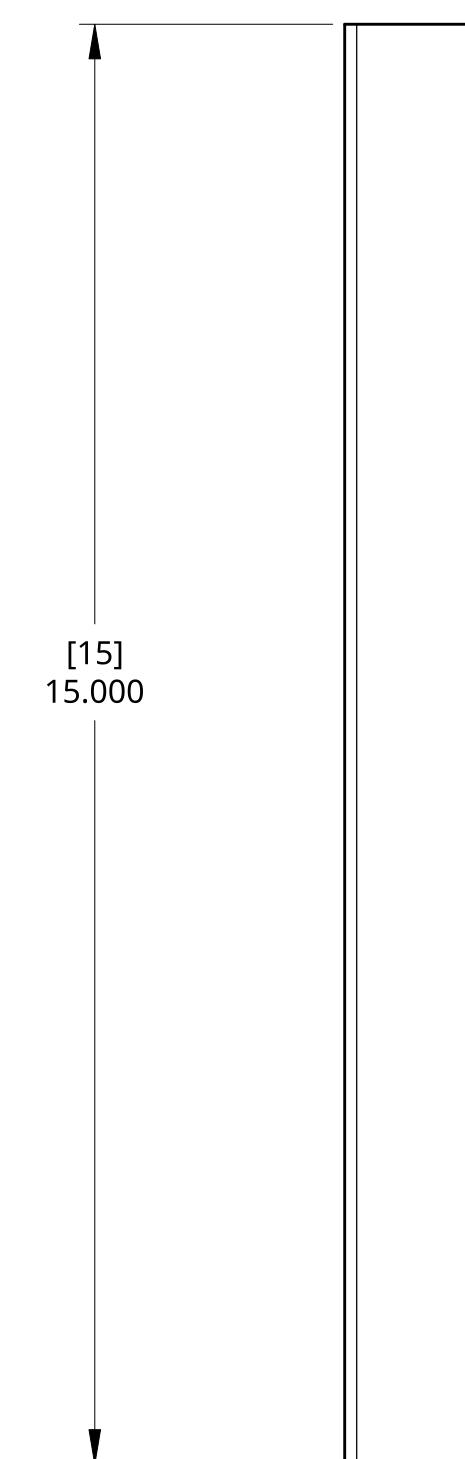
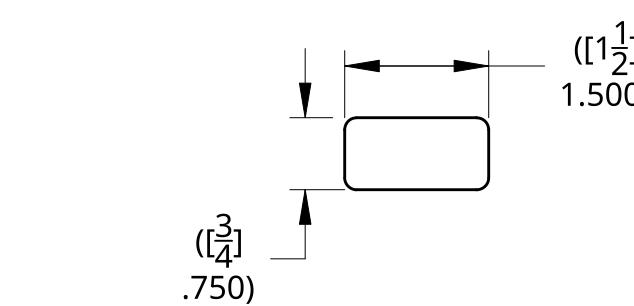
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING	MATERIAL	TITLE	OUTPOST FRONT MIDDLE BEAM	REV.
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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		SCALE	1:1	SHEET 1 of 1



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES  ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING	MATERIAL	1/2" PLYWOOD	TITLE	BREAK ALL SHARP EDGES AND REMOVE BURRS
<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				
<b>OUTPOST FRONT PLATE</b>				
	SIZE	DWG NO.	REV.	
	C	TE-26005		
	SCALE	1:4	SHEET	1 of 1

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING	MATERIAL 1X2 LUMBER	TITLE OUTPOST FRONT VERTICAL SPACER		
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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.				
SIZE C	DWG NO.	TE-26006	REV.	
SCALE 1:2	SHEET	1 of 1		

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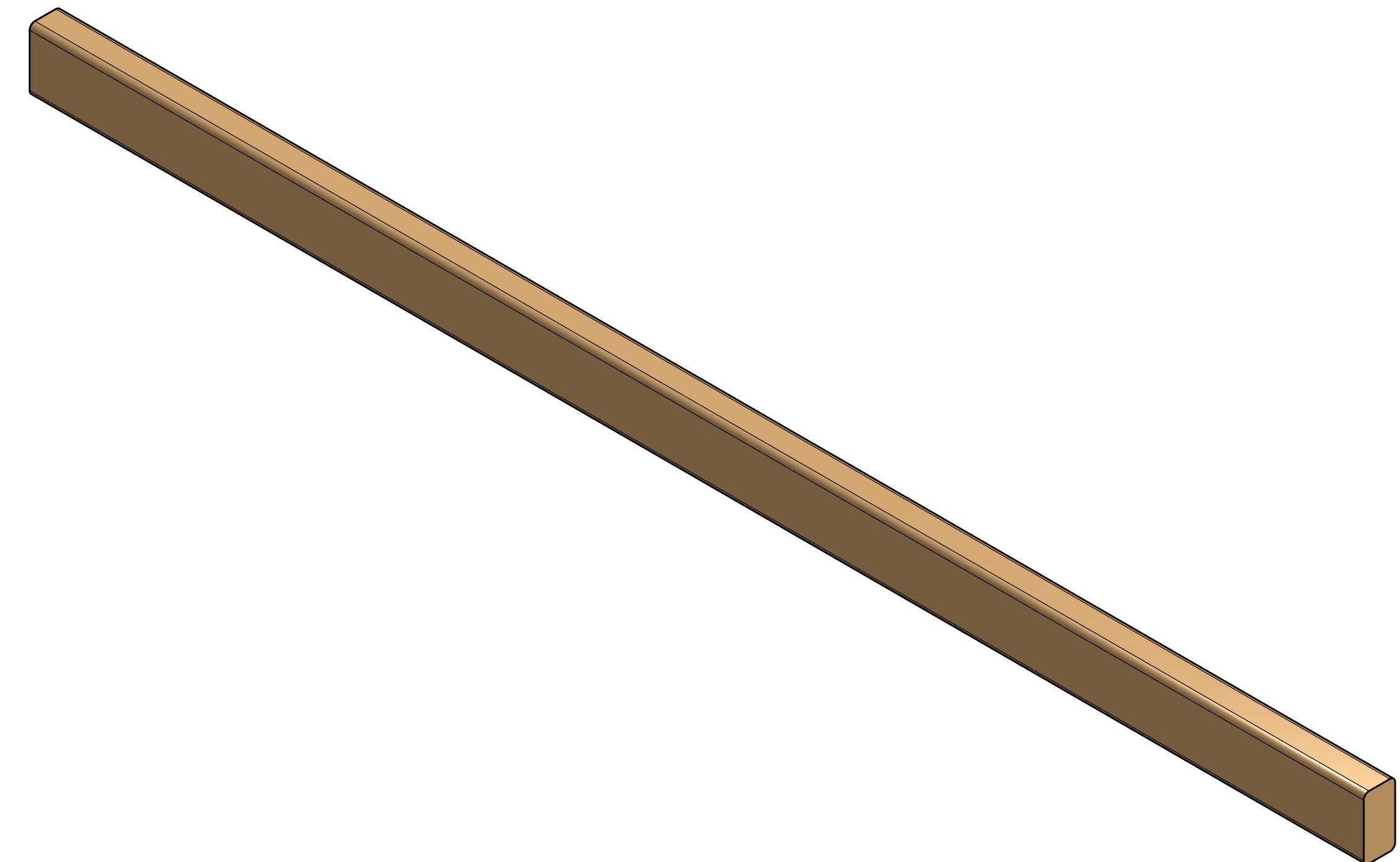
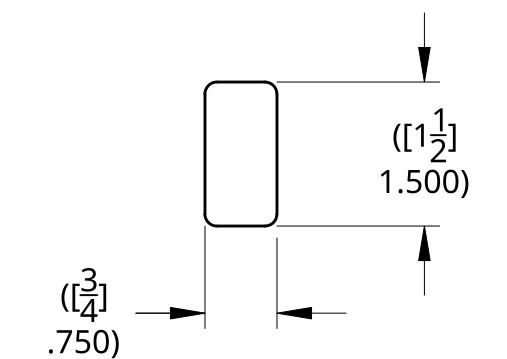
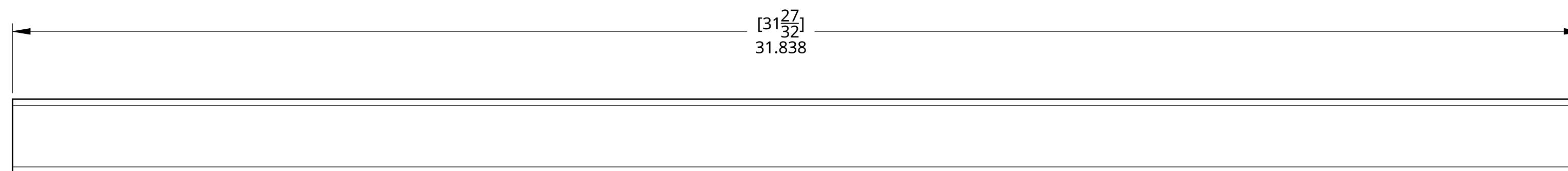
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING				
BREAK ALL SHARP EDGES AND REMOVE BURRS				
PROPRIETARY AND 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.	MATERIAL			
	1X2 LUMBER			
		TITLE		
		OUTPOST FRONT HORIZONTAL SPACER		
	SIZE	DWG NO.		
	C	TE-26007		REV.
	SCALE	1:2		SHEET
				1 of 1

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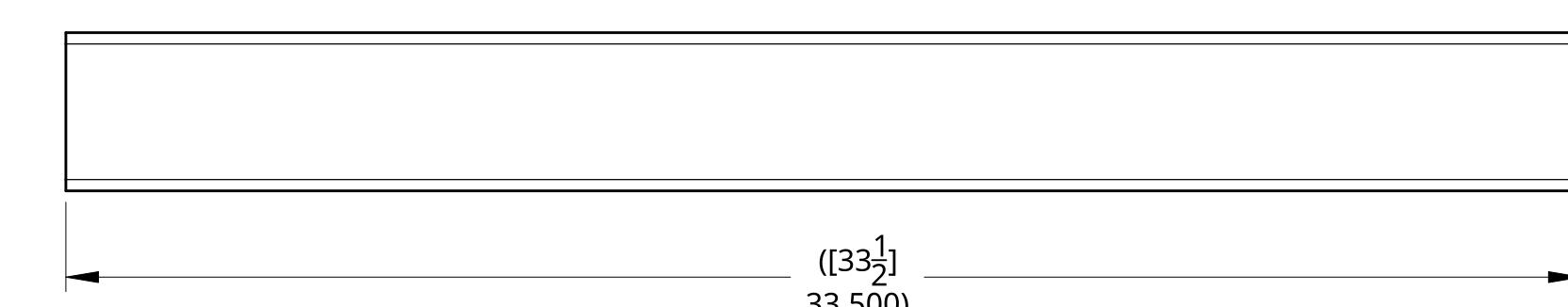
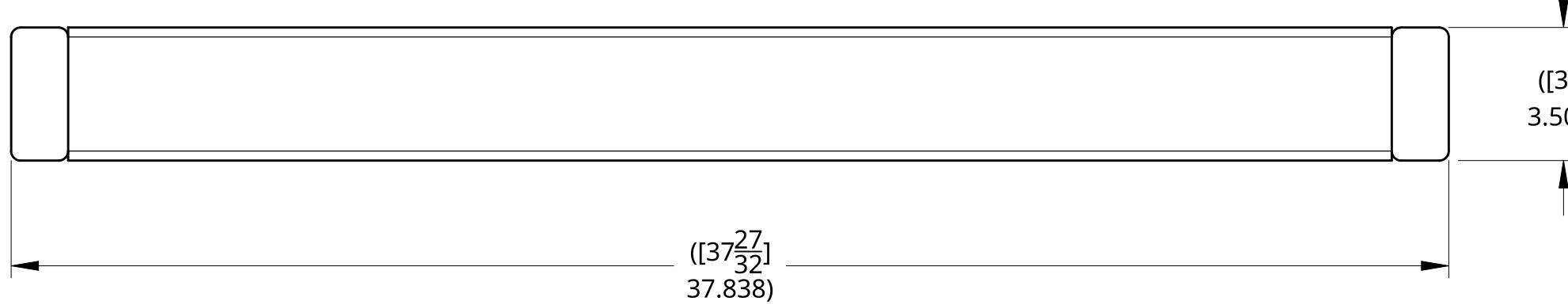
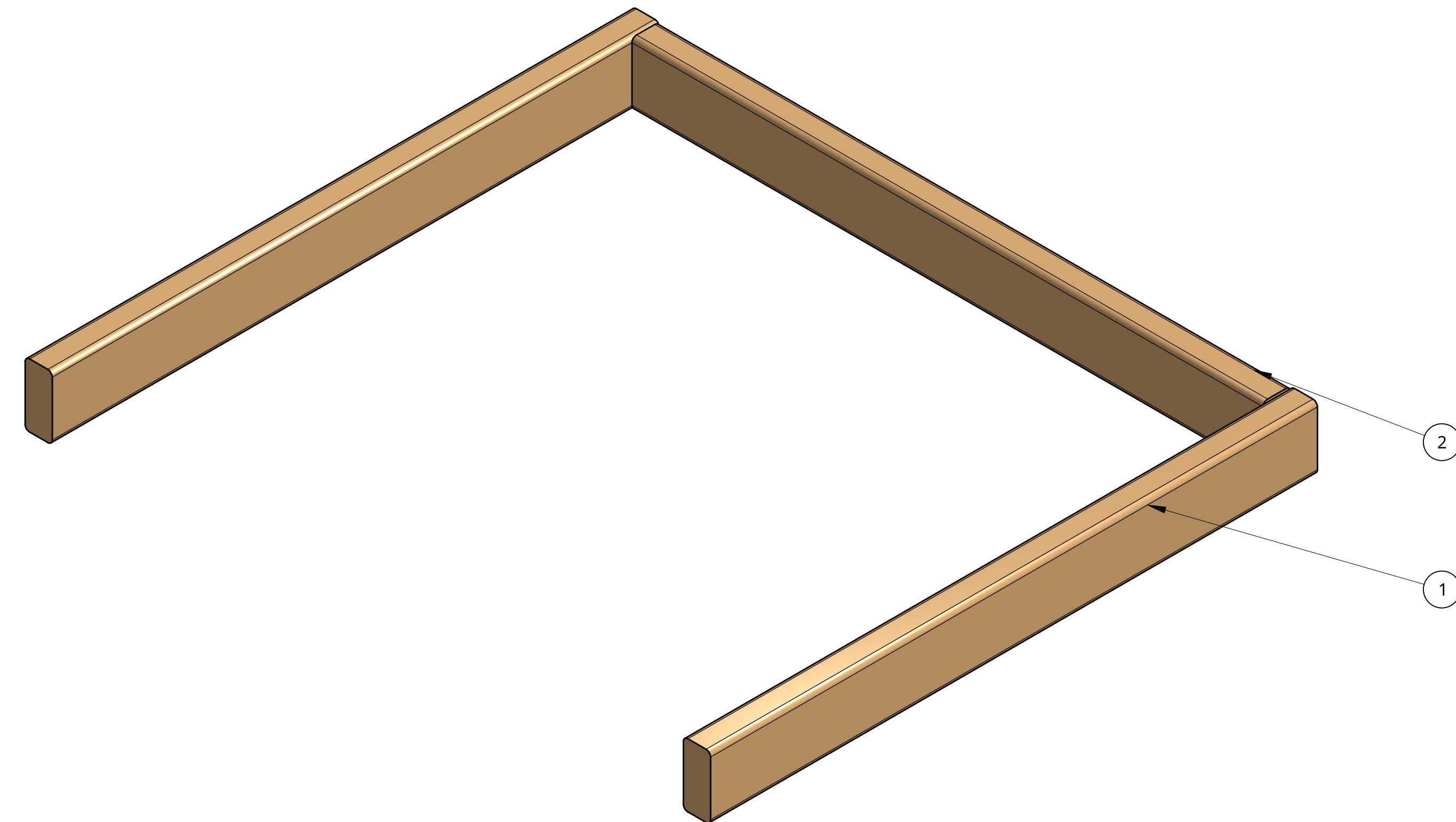
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Item	Quantity	Part number	Description
1	2	TE-26009	Outpost Floor Depth Beam
2	1	TE-26010	Outpost Floor Width Beam

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 <b>OUTPOST FLOOR FRAME</b>
DRAWN	AV	10/19/2025		
MATERIAL				
DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS			TITLE	
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.			SIZE	DWG NO.
C			TE-26008	REV.
SCALE			1:4	SHEET
1 of 1				

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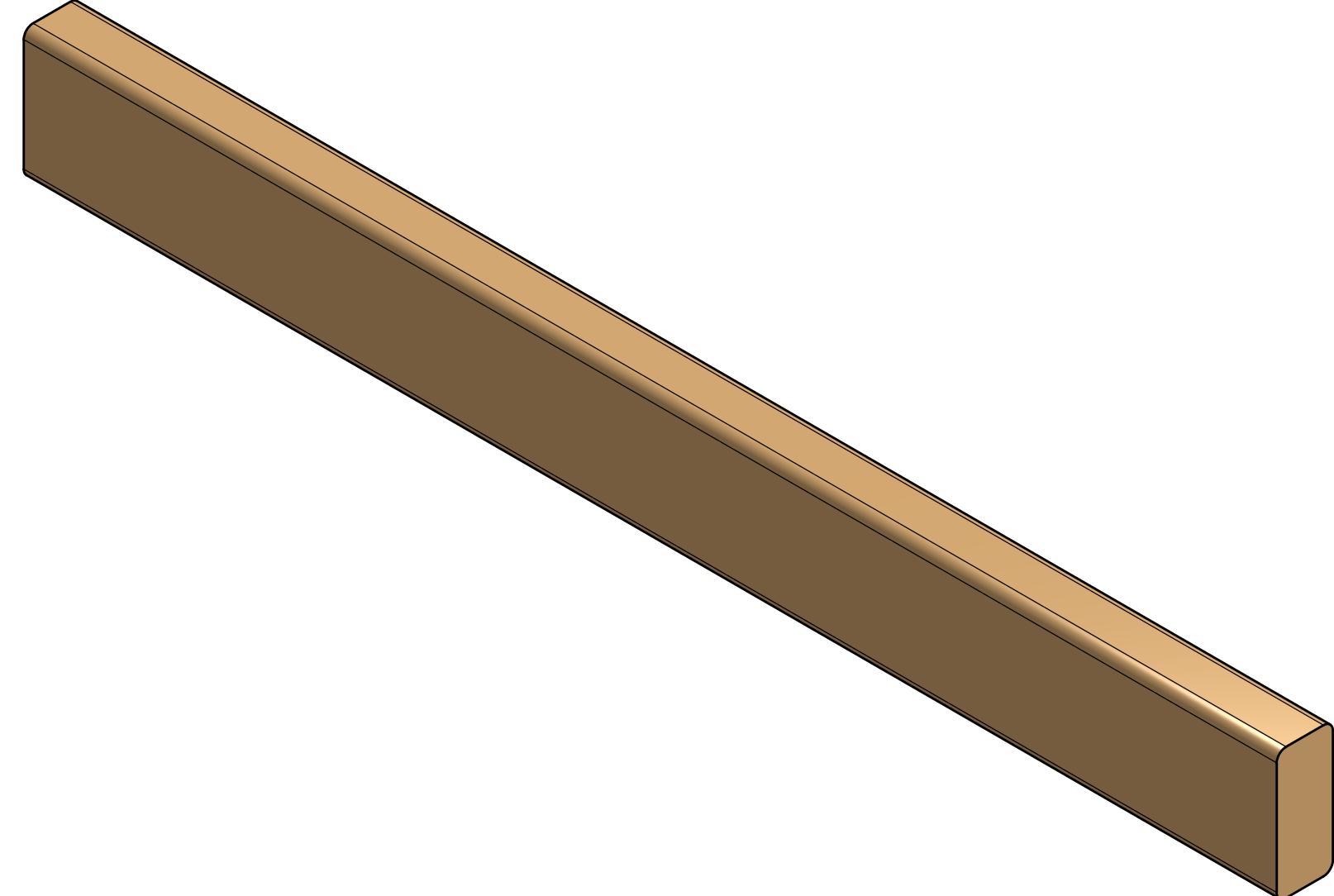
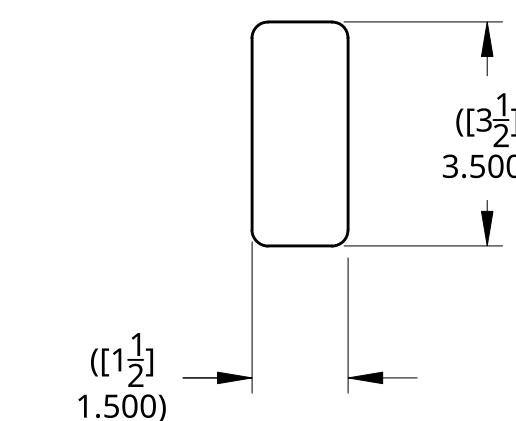
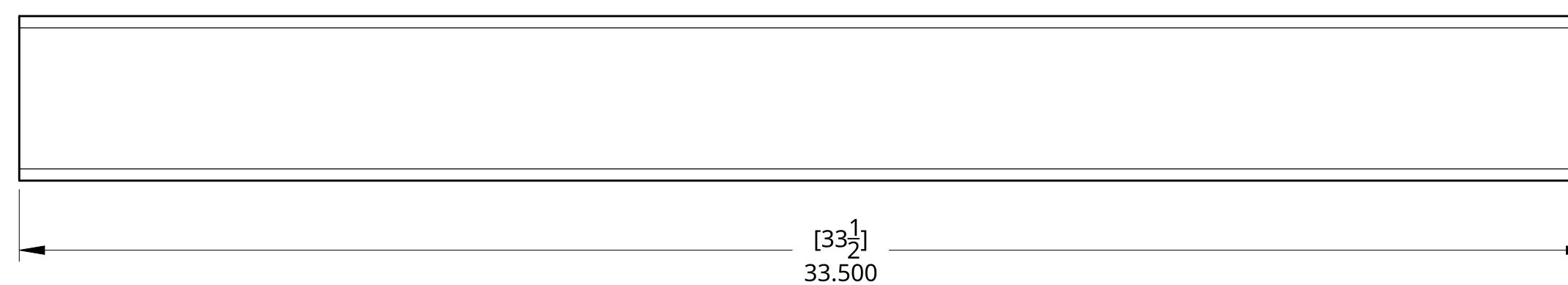
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING				
BREAK ALL SHARP EDGES AND REMOVE BURRS				
PROPRIETARY AND 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.	MATERIAL			
	2X4 LUMBER			
		TITLE		
		OUTPOST FLOOR DEPTH BEAM		
	SIZE	DWG NO.		
	C	TE-26009	REV.	
	SCALE	1:3		SHEET
				1 of 1

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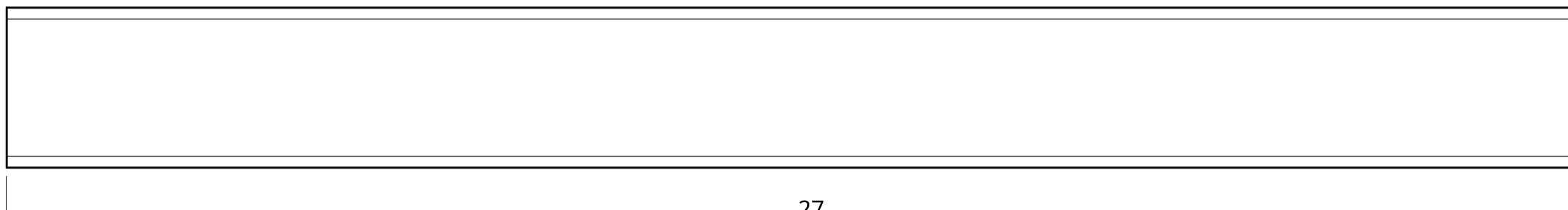
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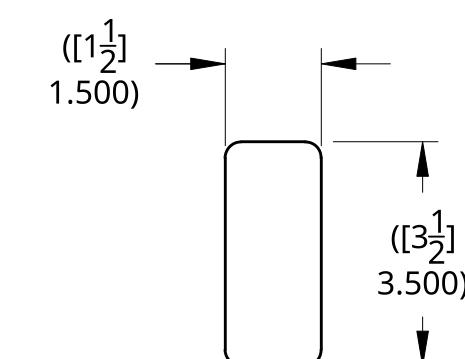
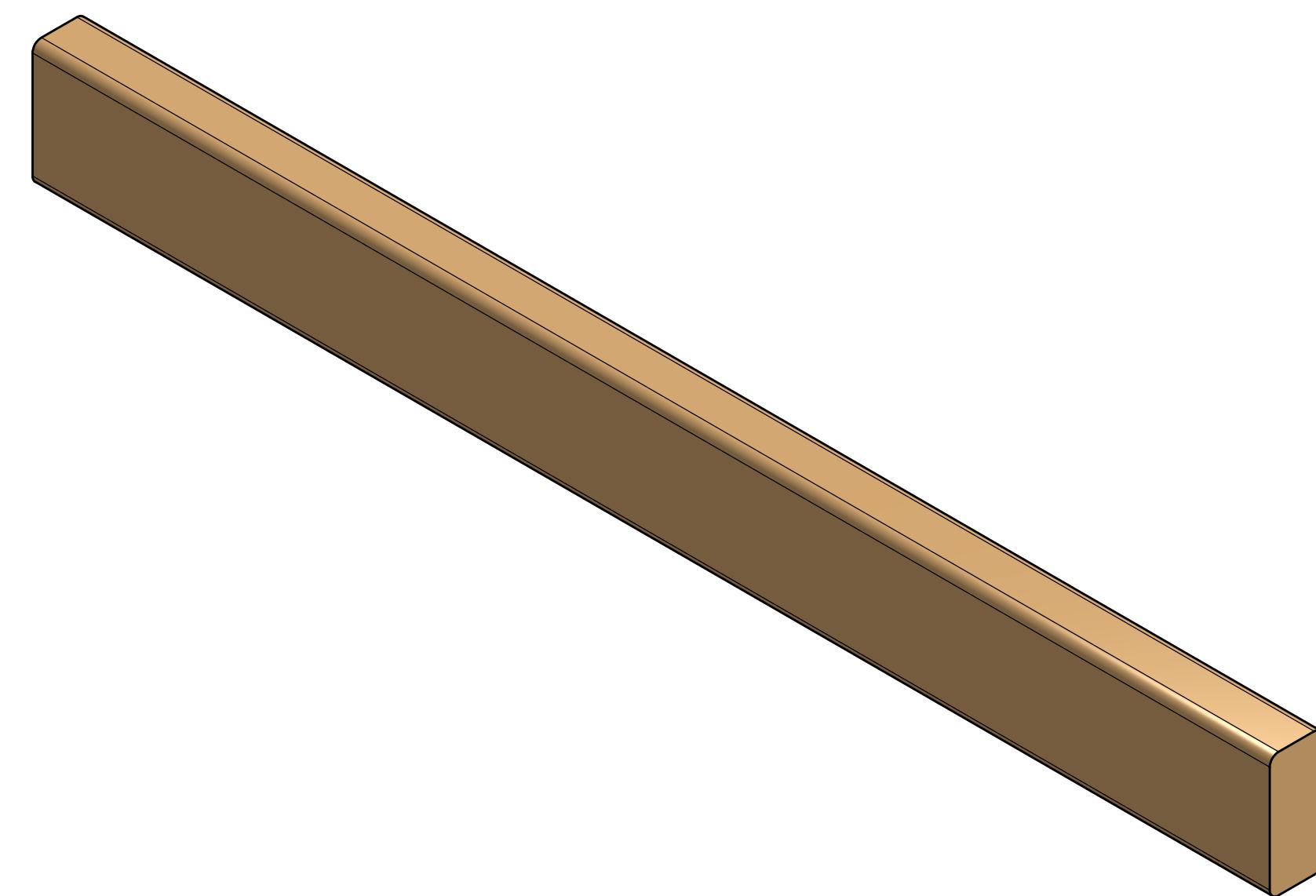
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$[34\frac{27}{32}]$   
34.838



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING	MATERIAL	TITLE	2X4 LUMBER	OUTPOST FLOOR WIDTH BEAM
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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.	SIZE	DWG NO.	REV.	TE-26010
	SCALE	1:3	SHEET	1 of 1

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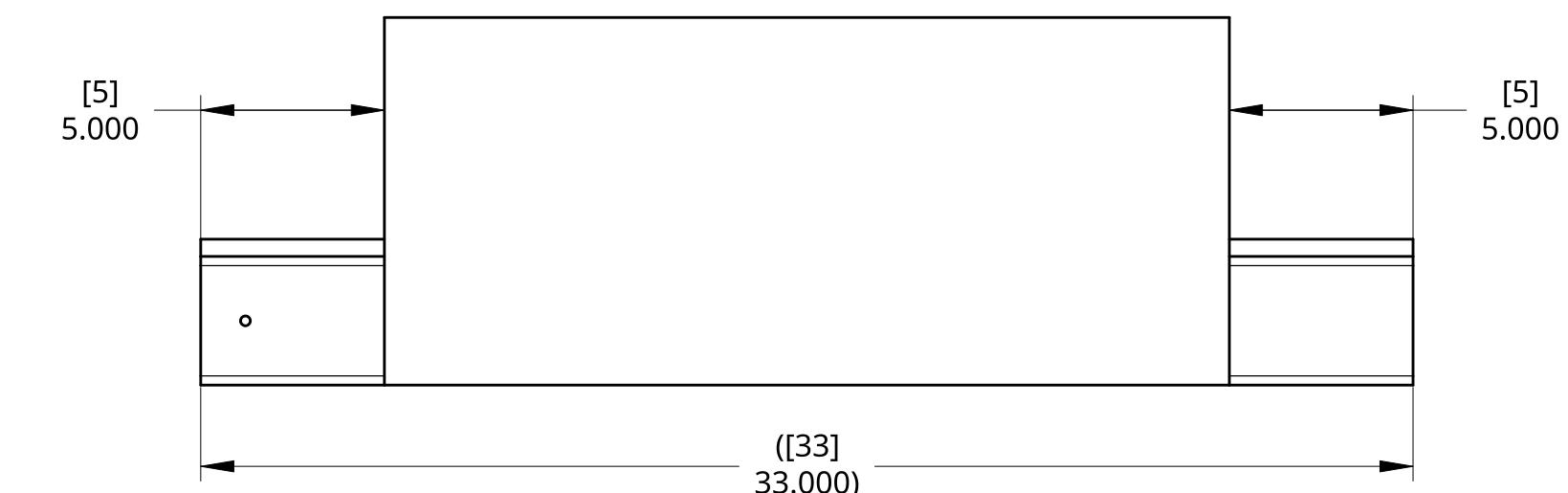
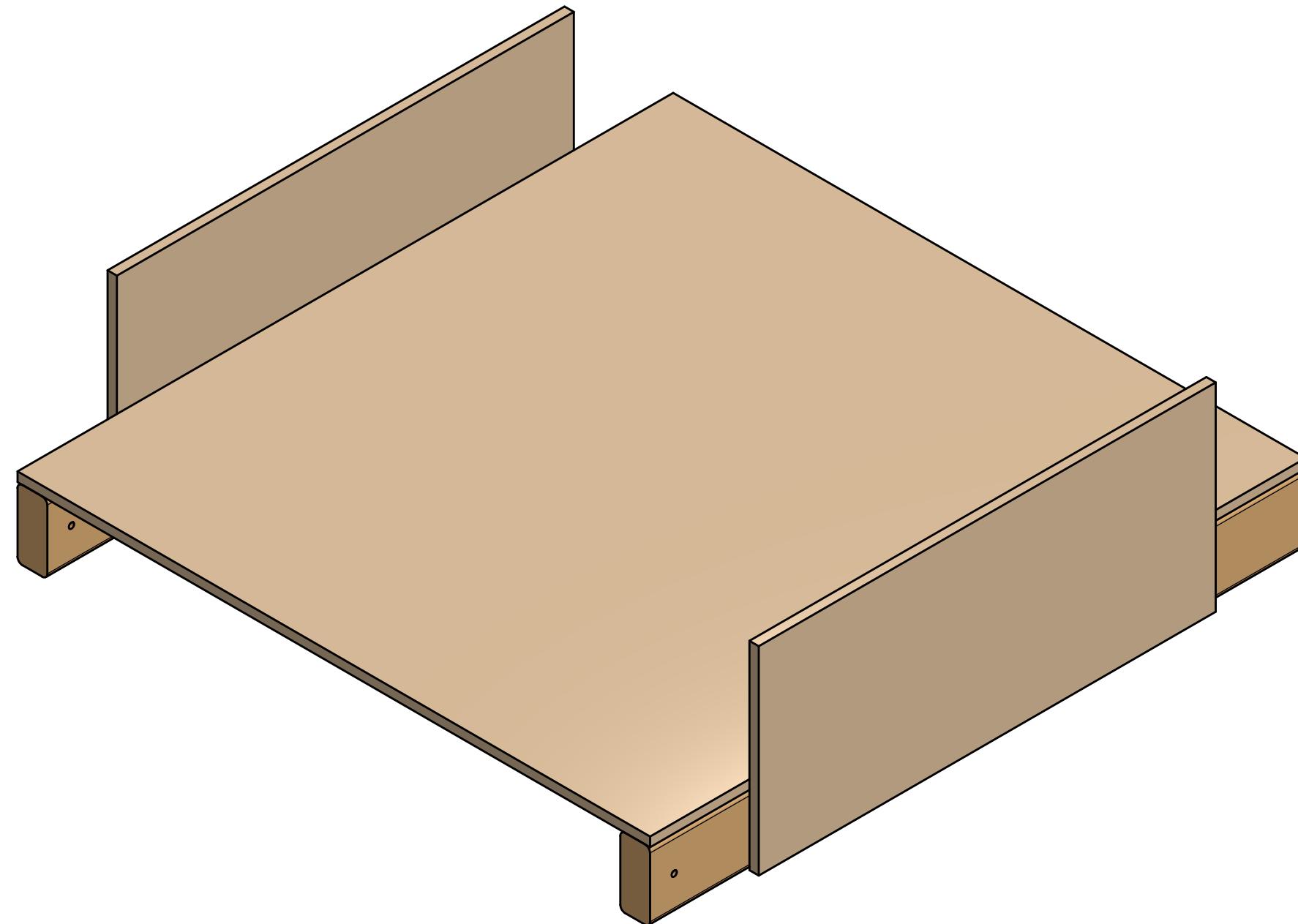
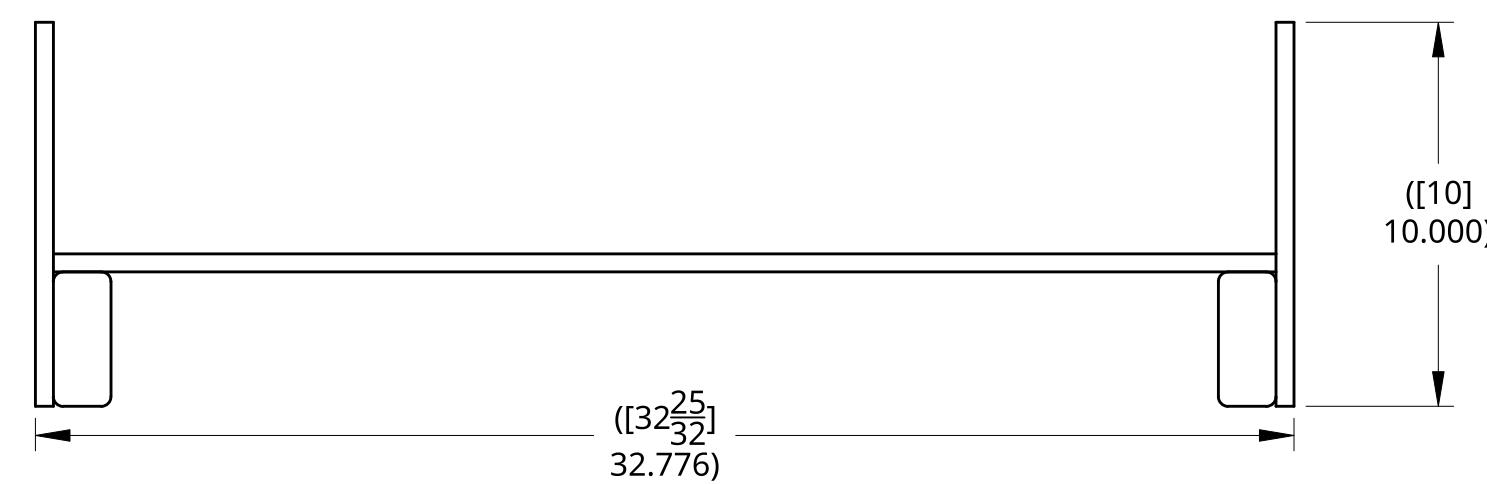
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Item	Quantity	Part number	Description
1	2	TE-26012	Outpost Chute Beam
2	1	TE-26013	Outpost Chute Panel
3	2	TE-26014	Outpost Chute Side Plate

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES  
.XX =  $\pm 1.00$  ANGULAR  $\pm 5^\circ$   
.XXX =  $\pm 0.250$

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND  
REMOVE BURRS

PROPRIETARY AND CONFIDENTIAL  
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THIS DRAWING IS THE SOLE  
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WHOLE WITHOUT THE WRITTEN  
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PROHIBITED.

FIELD  
DRAWN

NAME  
AVDATE  
10/19/2025

MATERIAL

TITLE



OUTPOST CHUTE FRAME

SIZE C DWG NO.  
SCALE 1:5 REV.  
1 of 1

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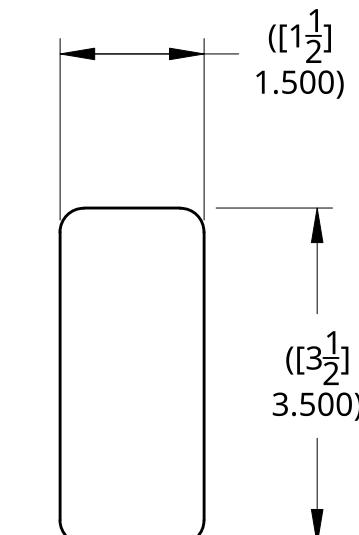
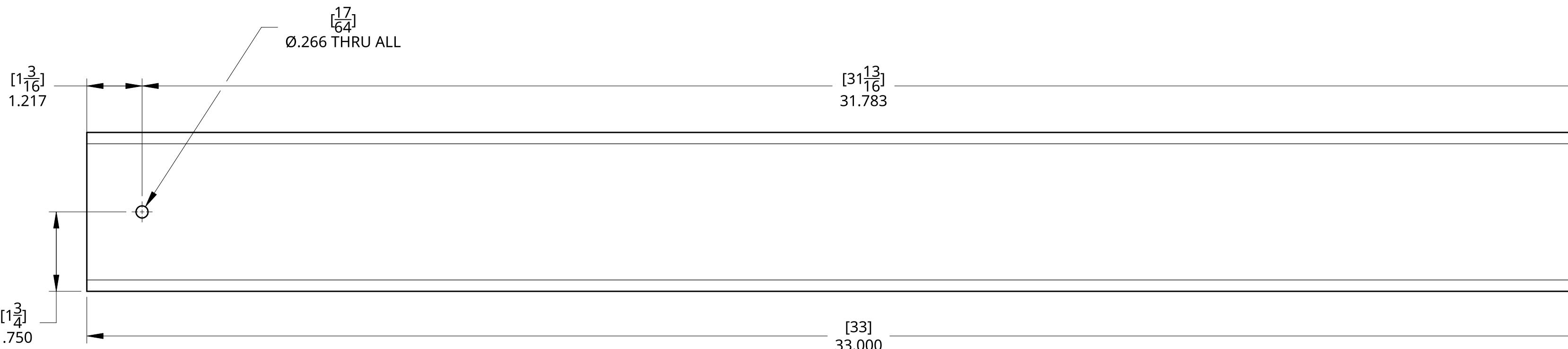
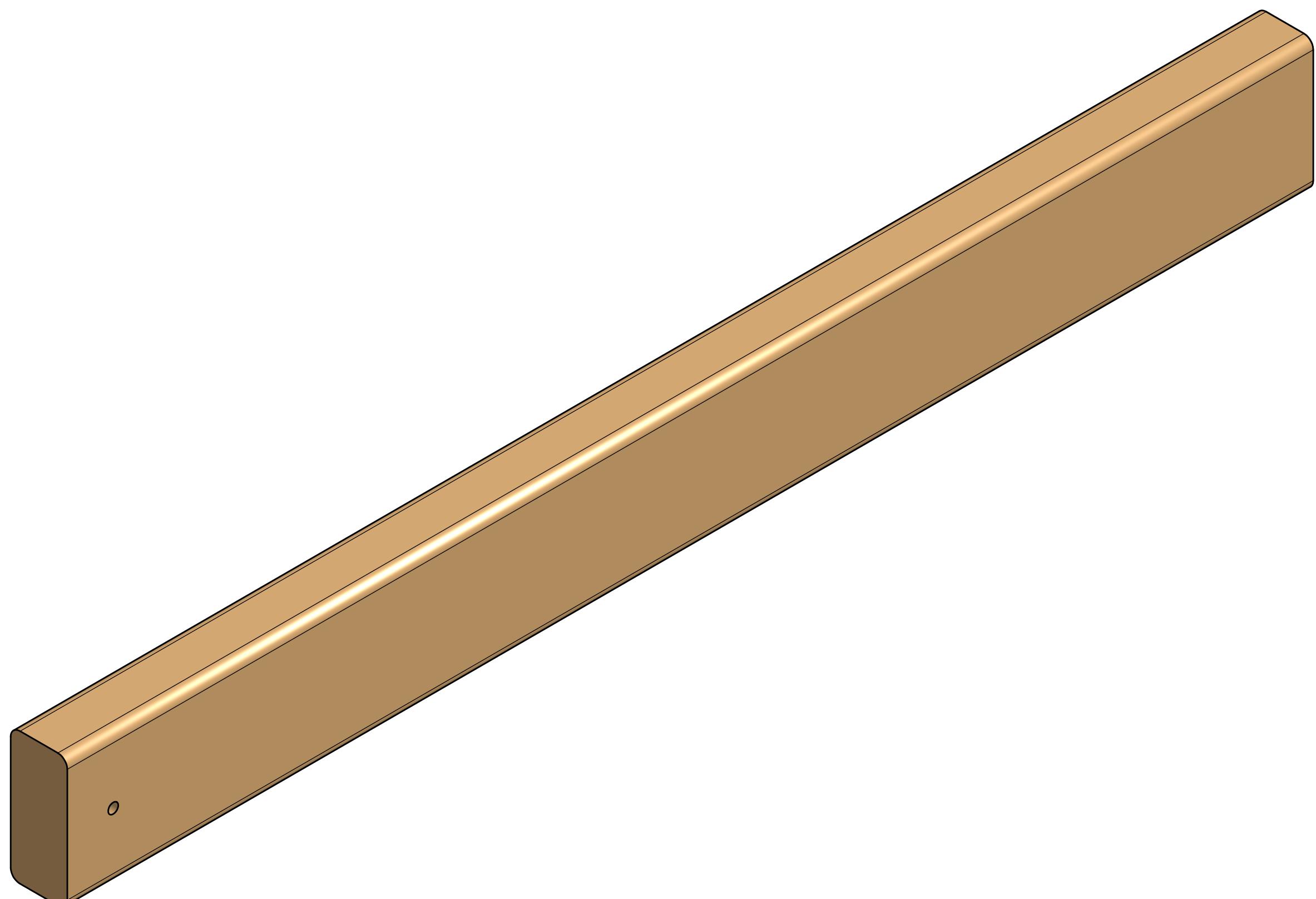
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±1.00 ANGULAR ± 5° .XXX = ±0.250	FIELD	NAME	DATE	FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING	MATERIAL		TITLE	OUTPOST CHUTE BEAM
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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.	SIZE	DWG NO.	REV.	
	C	TE-26012		
SCALE	1:2	SHEET	1 of 1	

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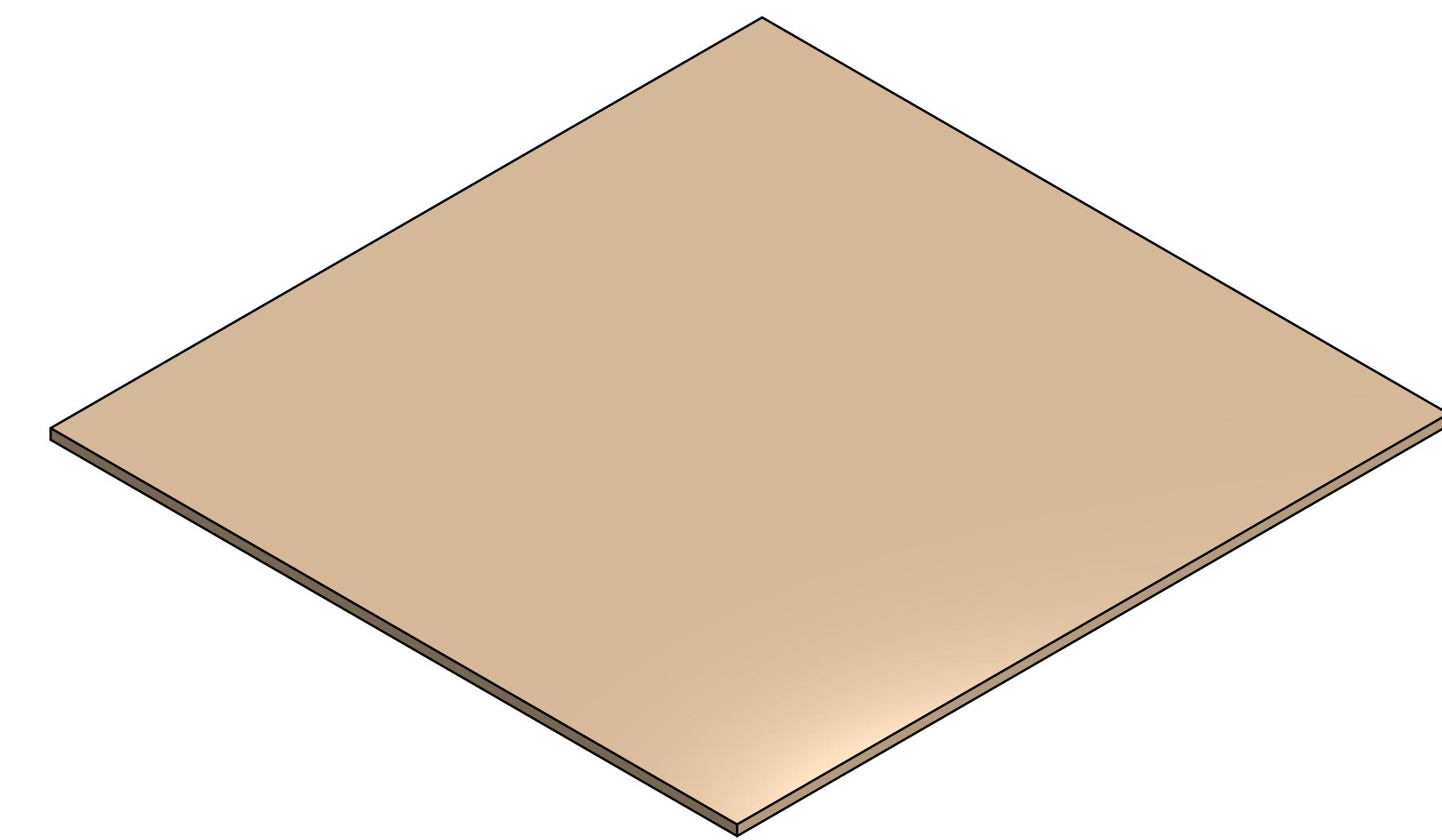
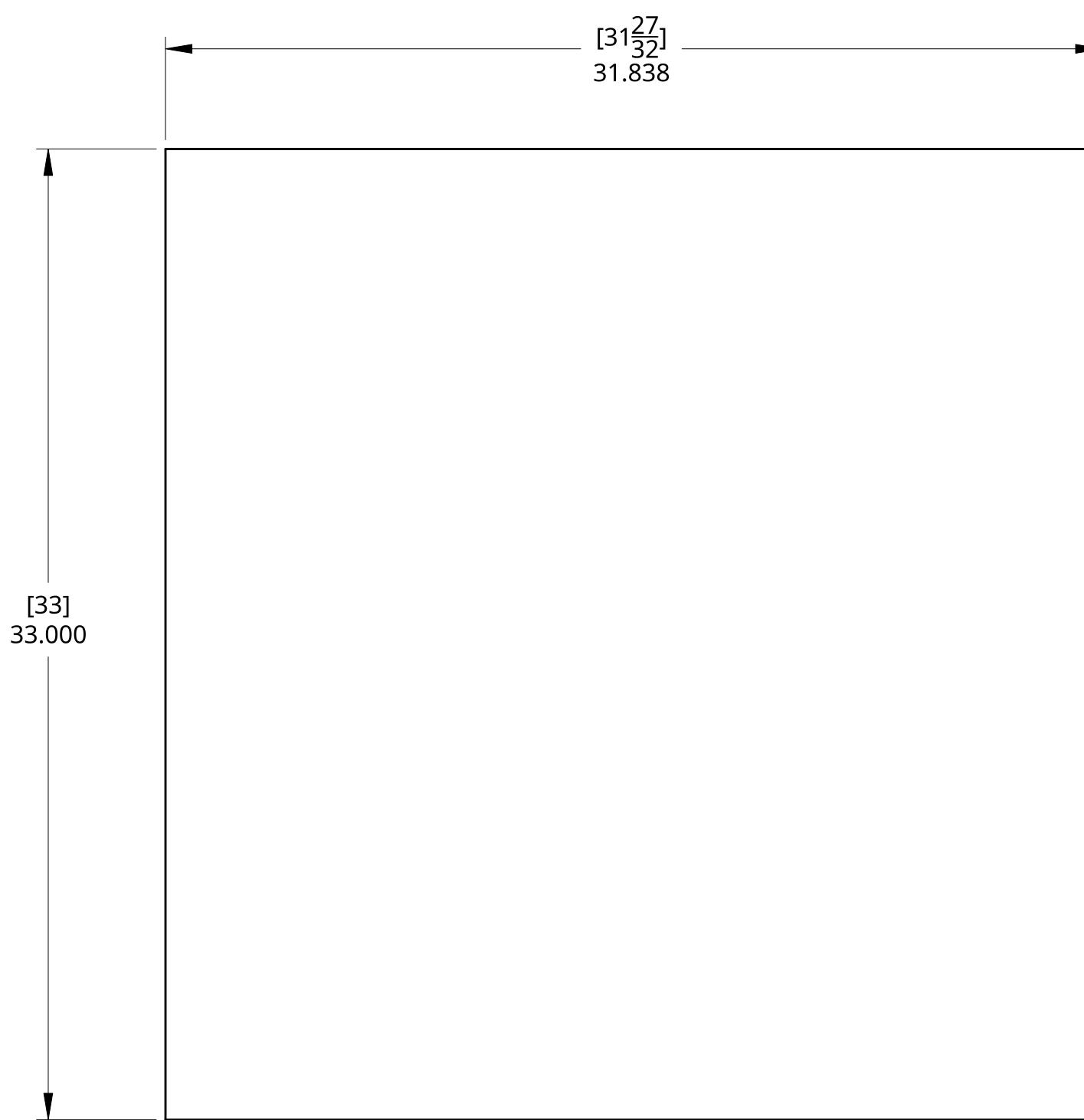
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING	MATERIAL		TITLE	OUTPOST CHUTE PANEL
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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.	1/2" PLYWOOD	SIZE	DWG NO.	REV.
		C	TE-26013	
	SCALE	1:5	SHEET	1 of 1

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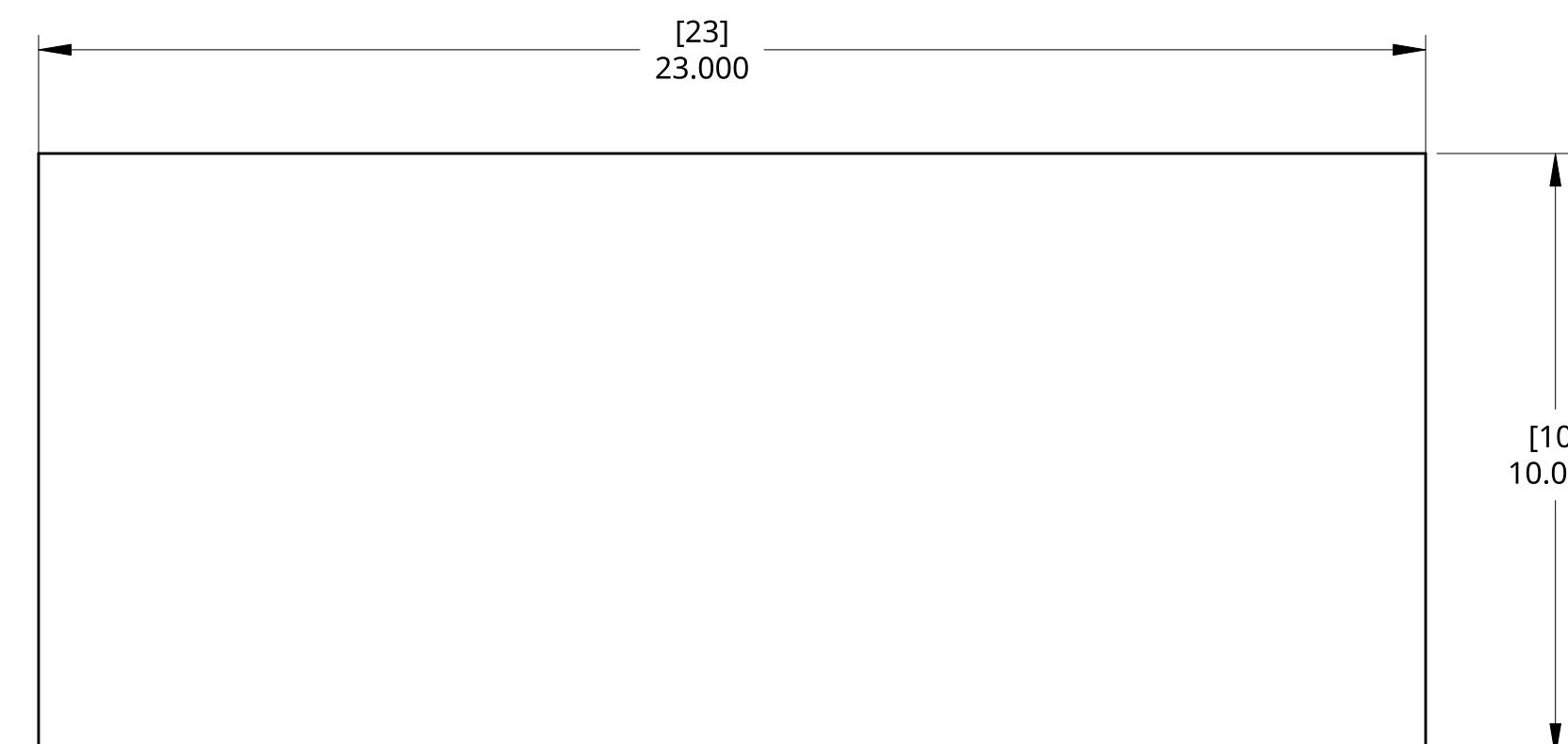
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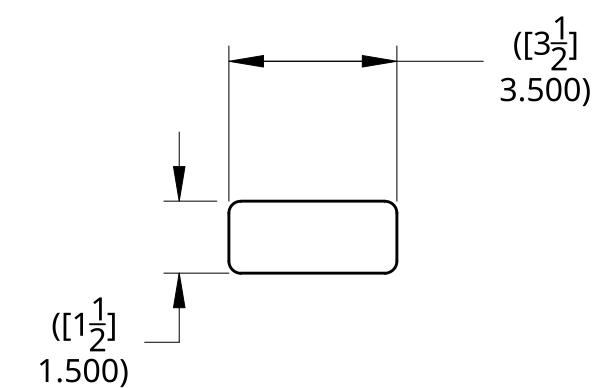
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/21/2025	
DO NOT SCALE DRAWING	MATERIAL	TITLE	1/2" PLYWOOD	OUTPOST CHUTE SIDE PLATE
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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.				
SIZE	DWG NO.	REV.		
C	TE-26014			
SCALE	1:3	SHEET	1 of 1	

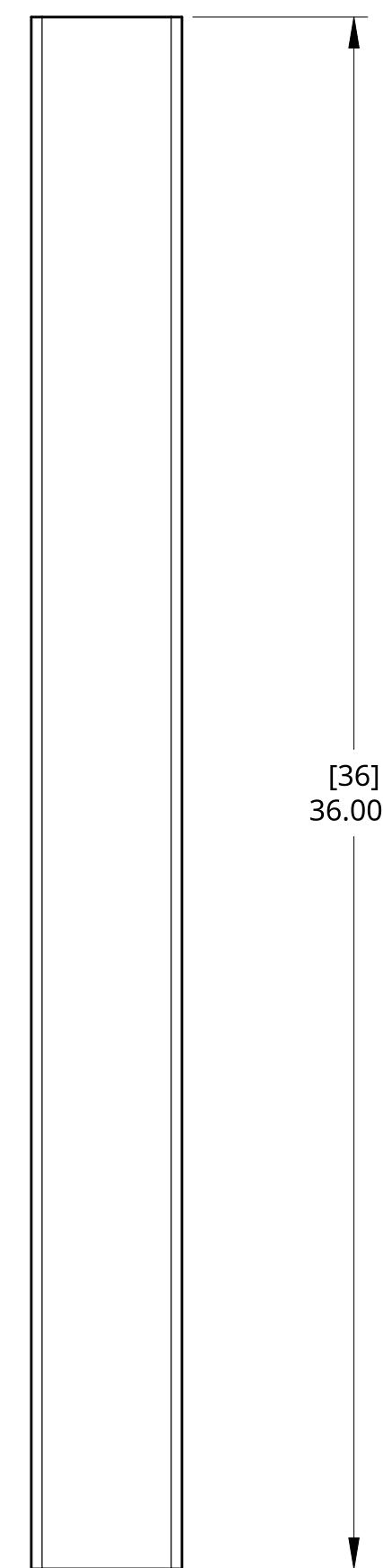
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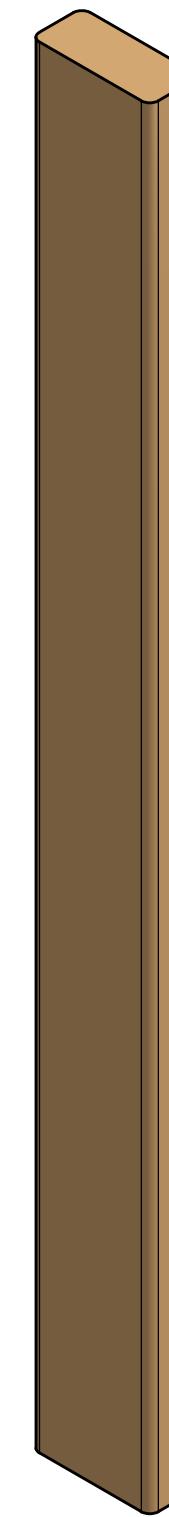


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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/19/2025	
DO NOT SCALE DRAWING	MATERIAL 2X4 LUMBER	TITLE OUTPOST BACK HEIGHT BEAM		
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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.				
SIZE C	DWG NO.	TE-26015	REV.	
SCALE 1:4	SHEET	1 of 1		

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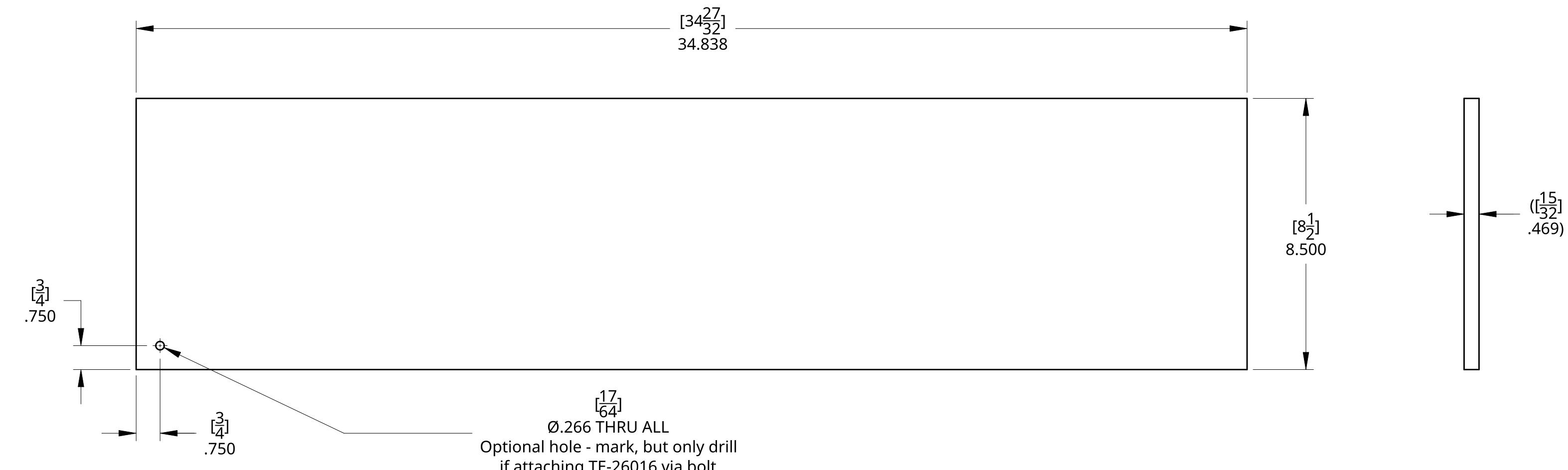
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	 FIRST ROBOTICS COMPETITION
	DRAWN	AV	10/19/2025	
DO NOT SCALE DRAWING				
BREAK ALL SHARP EDGES AND REMOVE BURRS				
PROPRIETARY AND 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.	MATERIAL			
	1/2" PLYWOOD			
		TITLE		
		OUTPOST CHUTE DOOR		
	SIZE	DWG NO.		
	C	TE-26016		REV.
	SCALE	1:3		SHEET
				1 of 1

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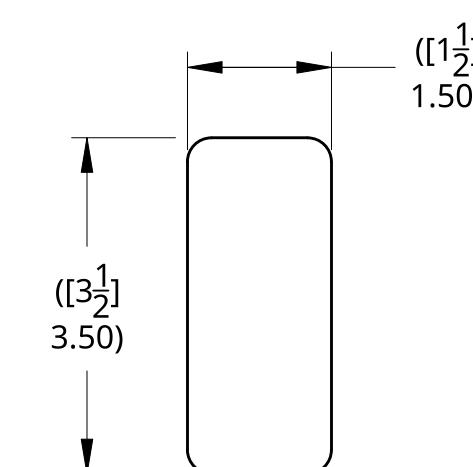
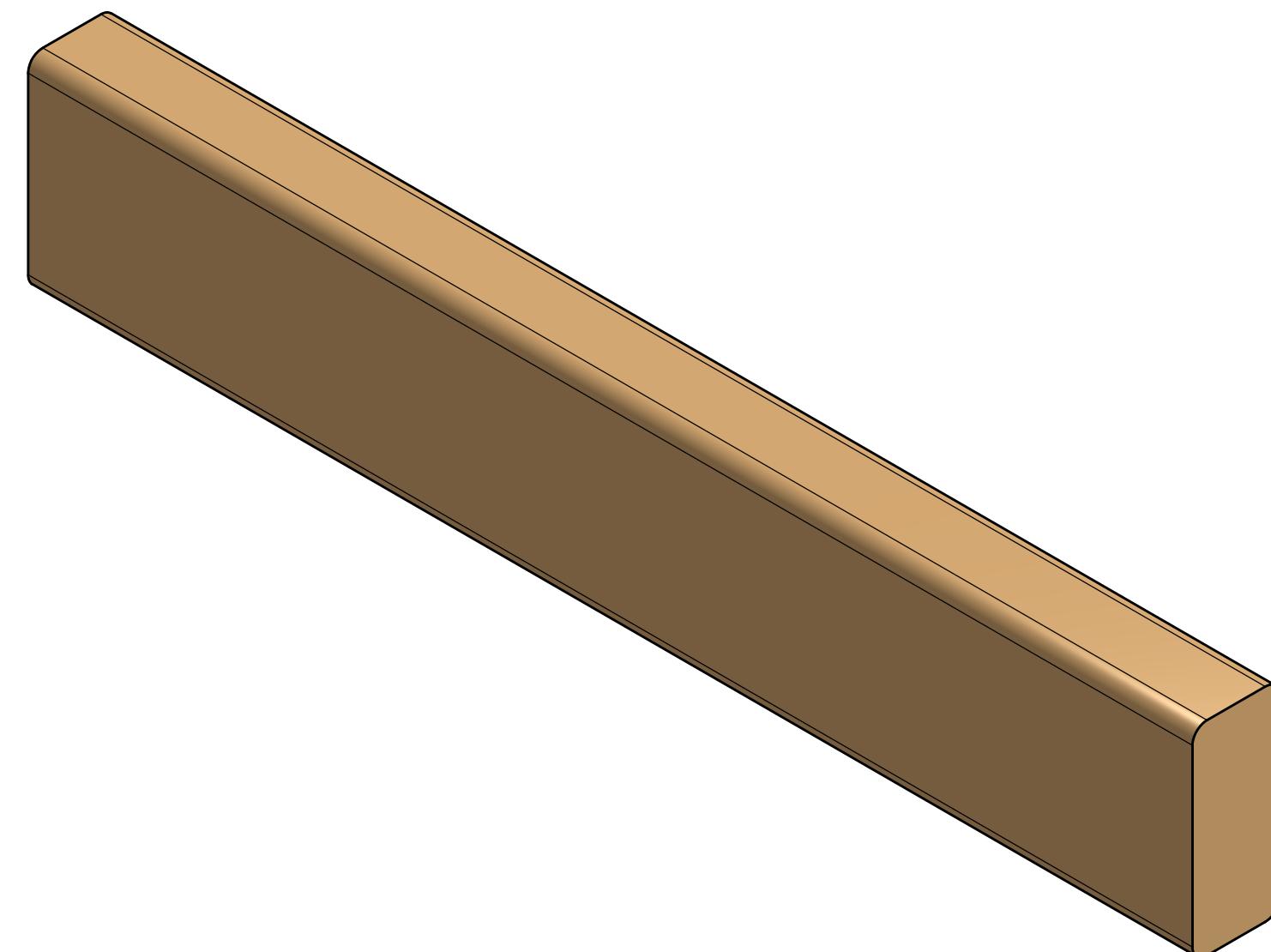
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES ANGULAR = $\pm 1^\circ$ FRACTIONAL = $\pm 1/16$	TEAM	NAME	DATE	
	DRAWN	AV	12/22/2025	
DO NOT SCALE DRAWING	MATERIAL 2X4 LUMBER	TITLE OUTPOST CHUTE HANDLE		
BREAK ALL SHARP EDGES AND REMOVE BURRS				
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.				
SIZE C	DWG NO.	TE-26017	REV.	
SCALE 1:2	SHEET	1 of 1		