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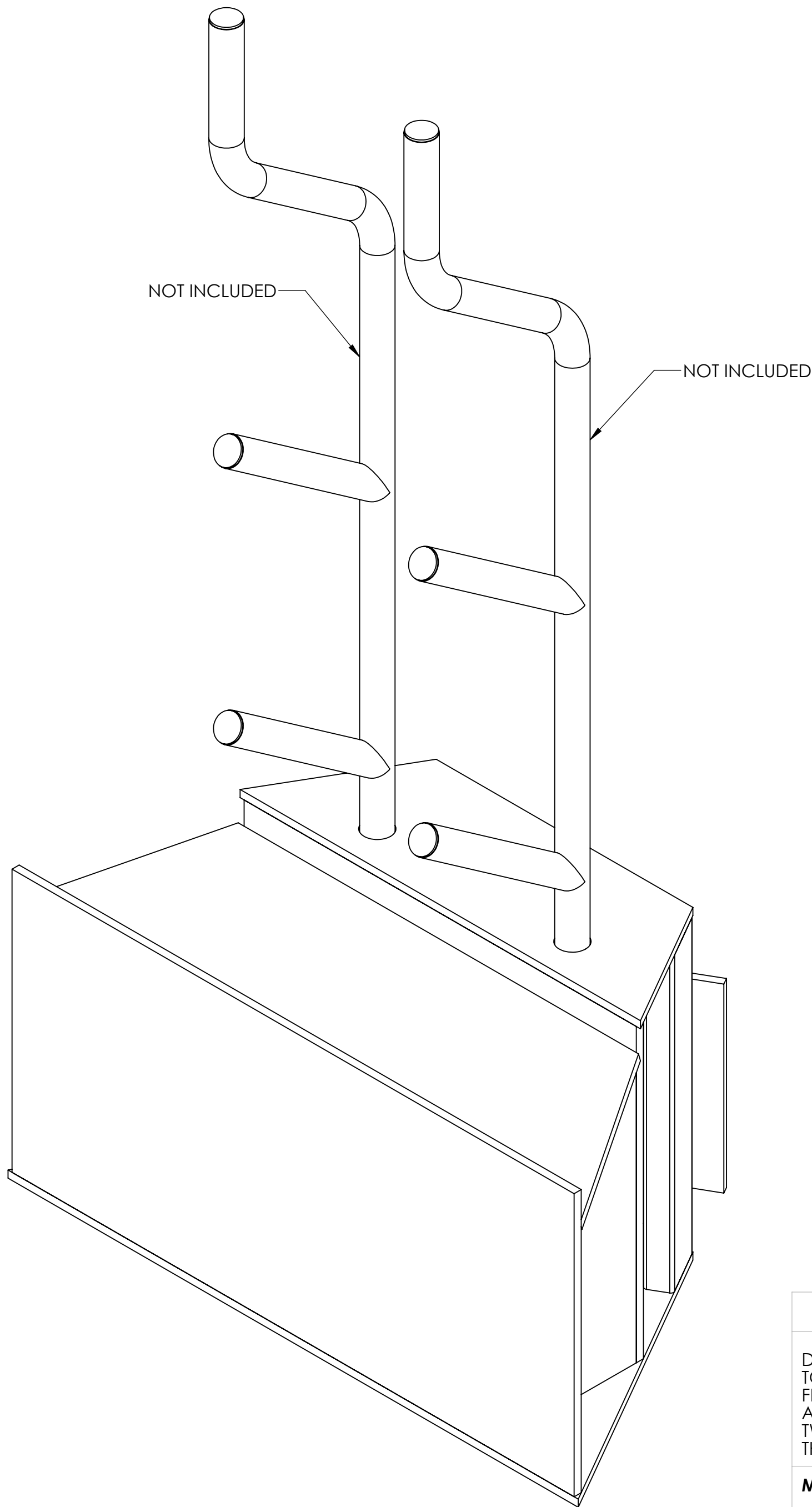
1

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TE-25351	TE Pipe Base, Front Panel	1
2	TE-25352	TE Pipe Base, Base Panel	1
3	TE-25353	TE Pipe Base, Trough Panel	1
4	TE-25354	TE Pipe Base, Mid Panel	1
5	TE-25355	TE Pipe Base, Top Panel	1
6	TE-25356	TE Pipe Base, Bulkhead Panel	2
7	TE-25357	TE Pipe Base, Pipe Block	1
8	TE-25358	TE Pipe Base, Pipe Spacer	1
9	TE-25359	TE Pipe Base, Stiffener	3
10	TE-25360	TE Pipe Base, Riser	2
11	TE-25361 (Optional)	TE Pipe Base, Joiner (Optional)	1

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		OD		12/23/2024	
		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.					
		COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.					
		DO NOT SCALE DRAWING					
		 		TITLE: <h1>TE Pipe Base</h1>			
		SIZE		DWG. NO.		REV	
		C		TE-25350			
		SCALE: 1:5			SHEET 1 OF 6		

4

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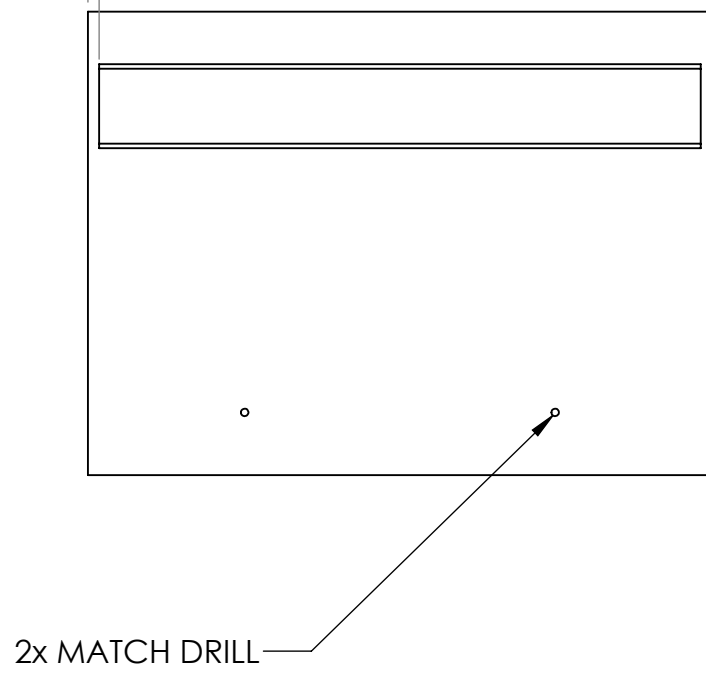
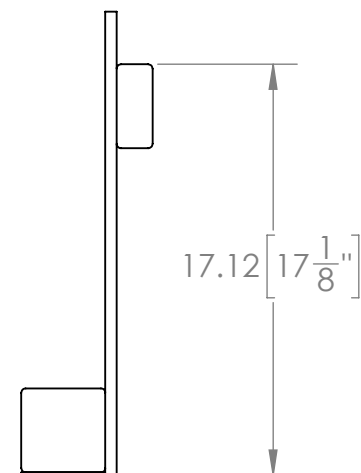
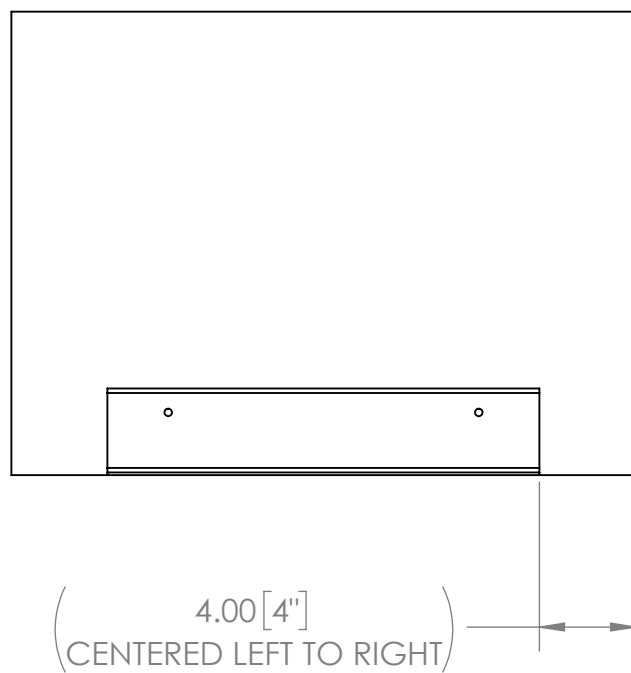
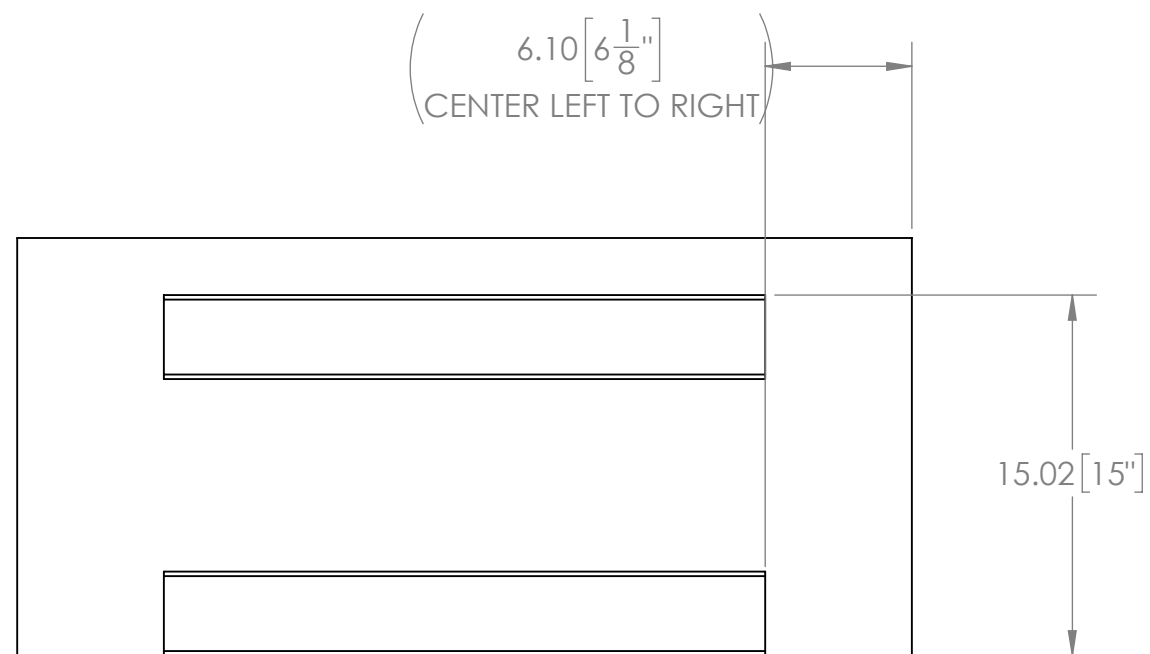
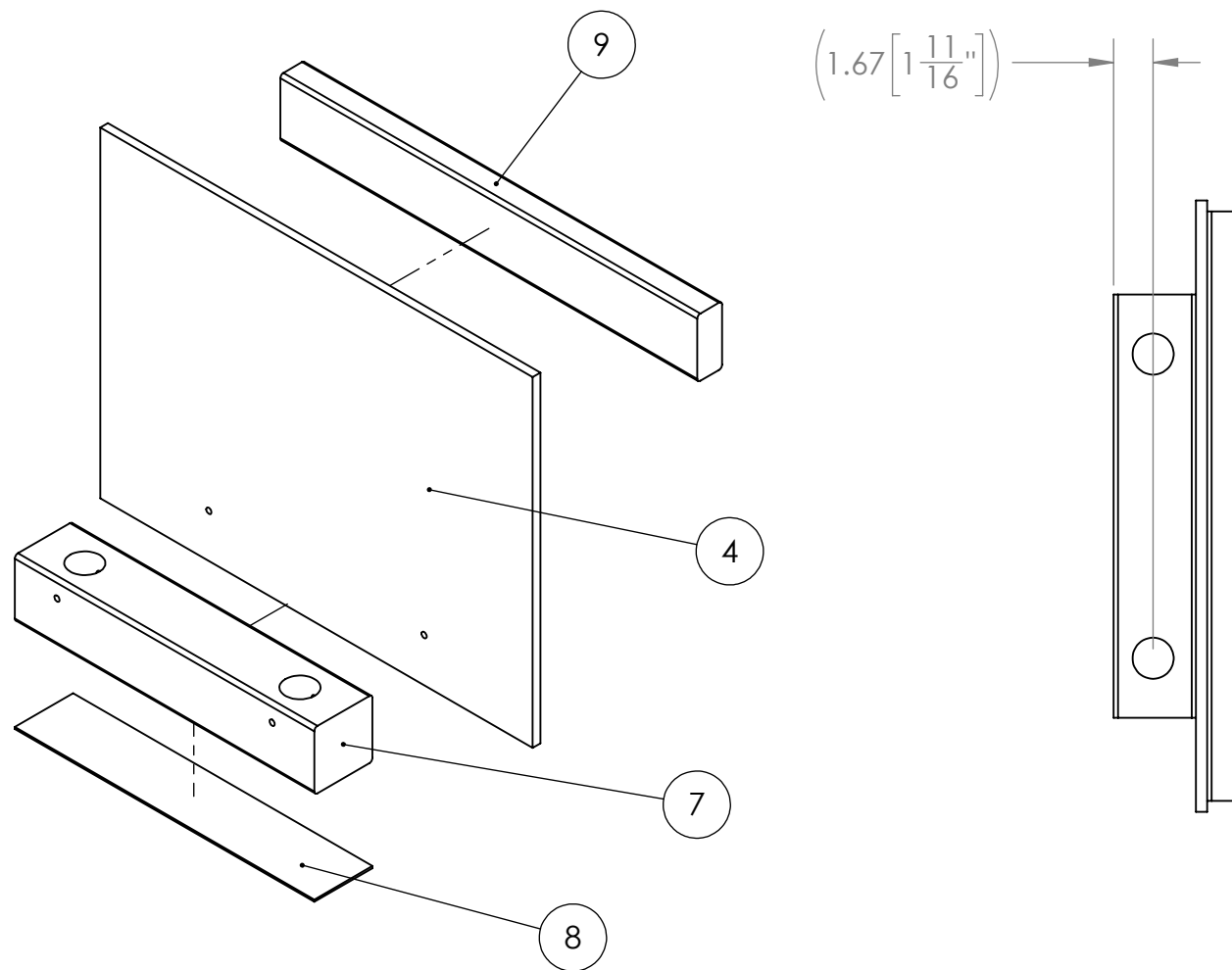
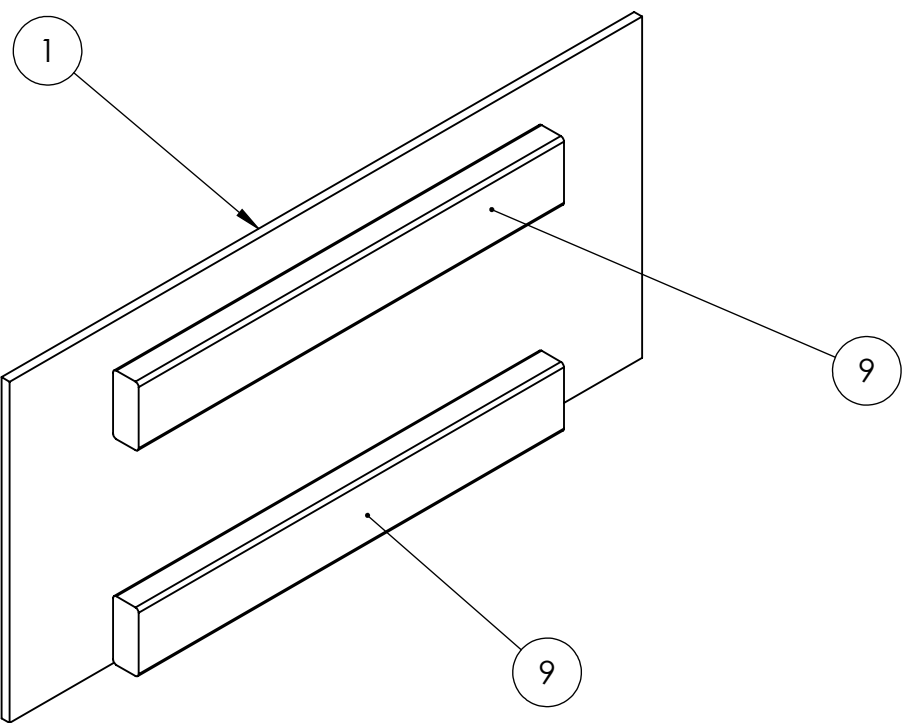
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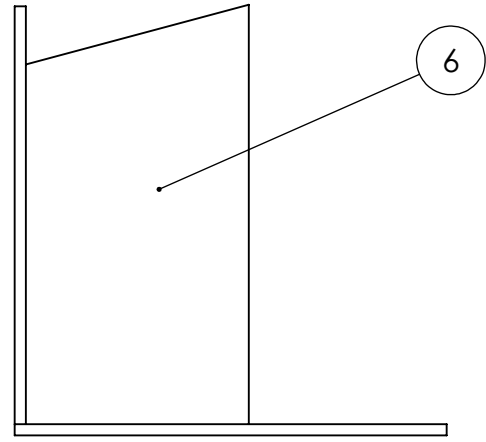
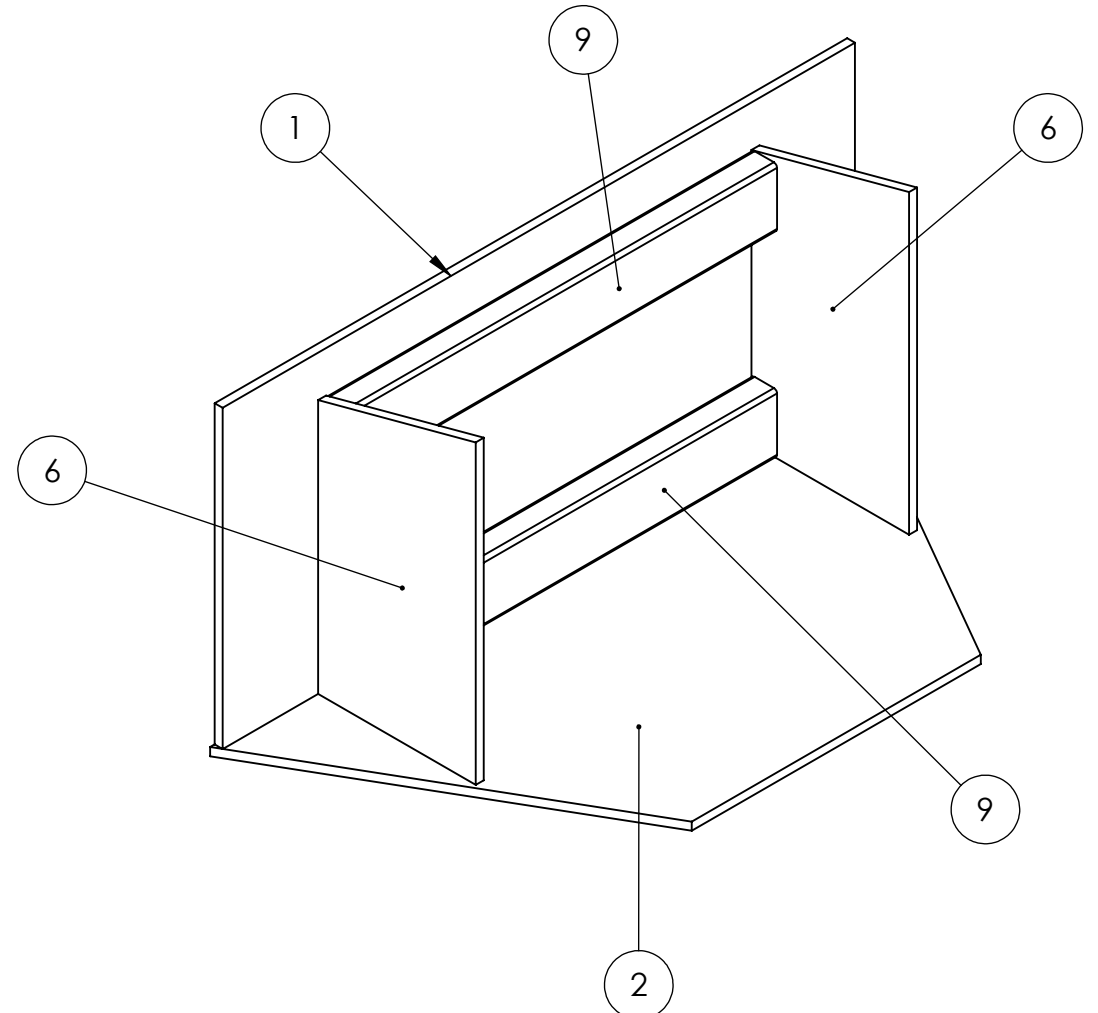
Step 1: Attach both (9) to (1) using wood screws. Ensure the bottom is flush and the two stiffeners are centered on the panel and parallel.

Step 2: Attach (7) and (9) to (4) using wood screws. (7) is asymmetrical, take care to orient it the correct way. (7) should be stacked on top of (8) and the bottom of (4) and (8) should be flush. (8) can be fastened to (7) with tape, glue, or screws or left loose to be fastened during a later step. Ensure that (9) is centered and parallel to the bottom of (4) and (8).

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .13$ THREE PLACE DECIMAL $\pm .125$ MATERIAL/FINISH: DO NOT SCALE DRAWING	TEAM	NAME	DATE	 	
	DRAWN	OD	12/23/2024		
	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.				TITLE: TE Pipe Base
	COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.				SIZE C DWG. NO. TE-25350 REV
SCALE: 1:8		SHEET 2 OF 6			



FROM STEP 1

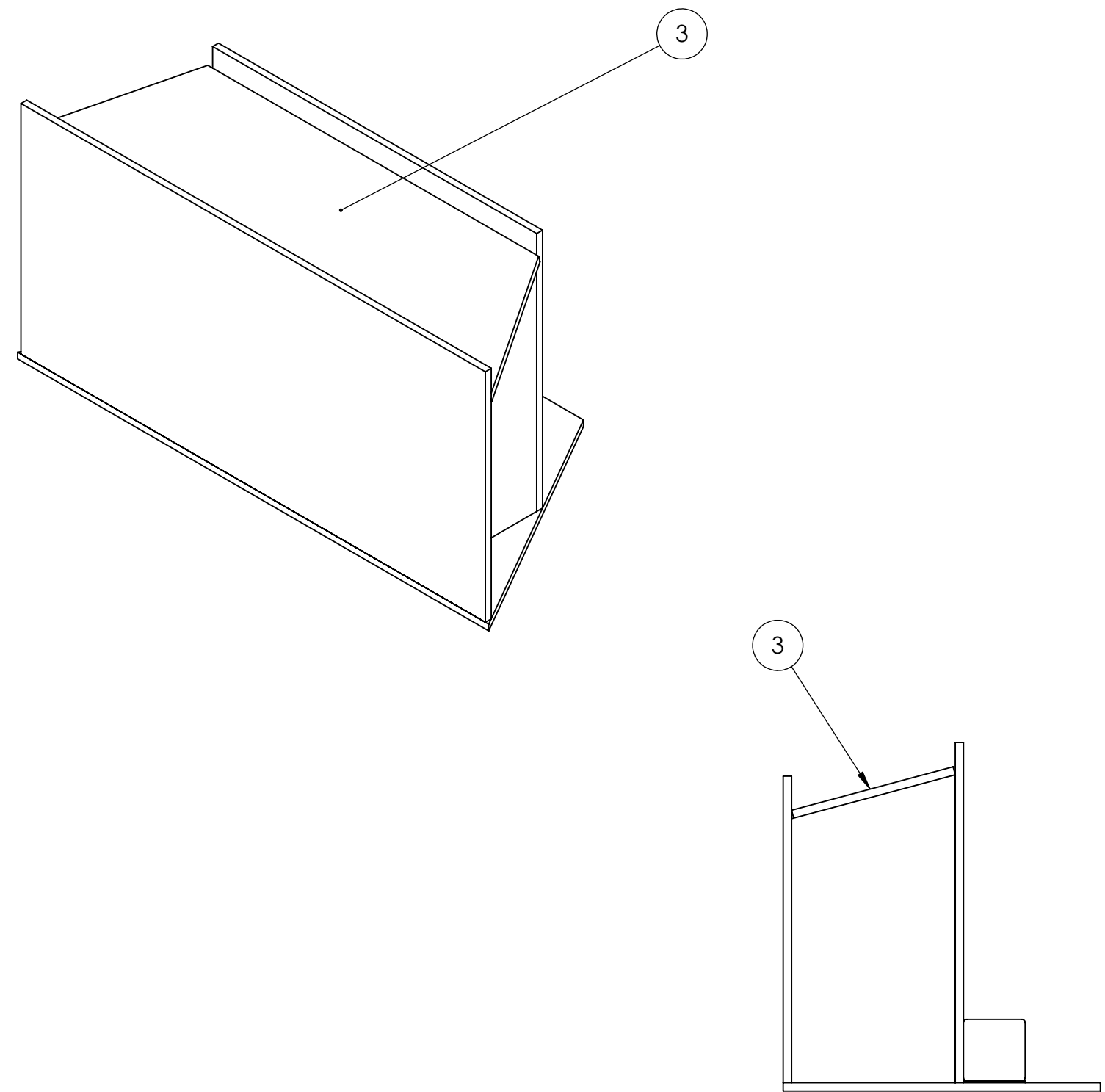
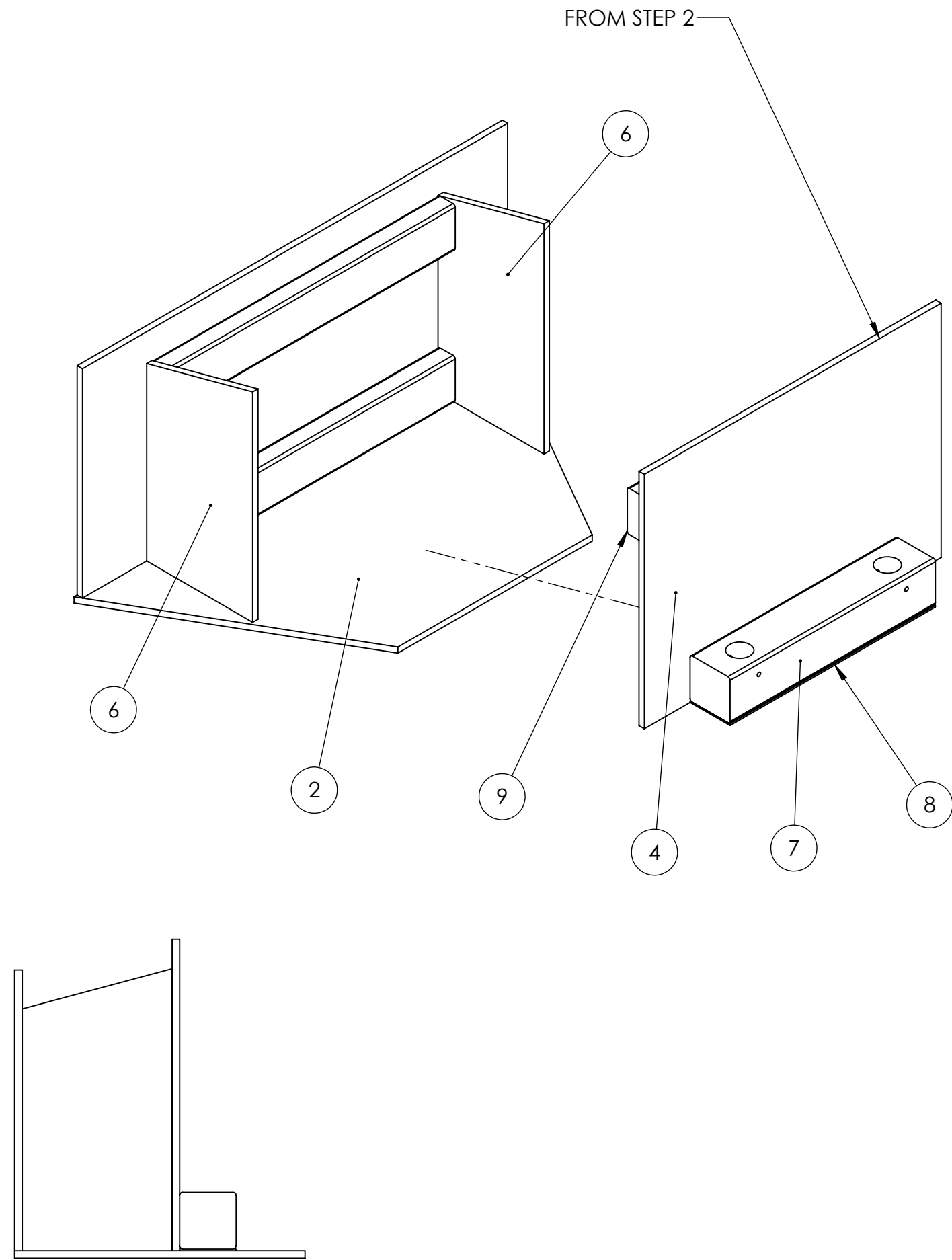
FROM STEP 1



Step 3: Attach the assembly from Step 1 to the top of (2) using wood screws. Ensure the front surfaces are flush and centered left to right.


Step 4: Attach the two (6) onto the sides of the two (9) with wood screws. Ensure that the edges of (6) are pressed firmly against (1) and (2) before fastening.

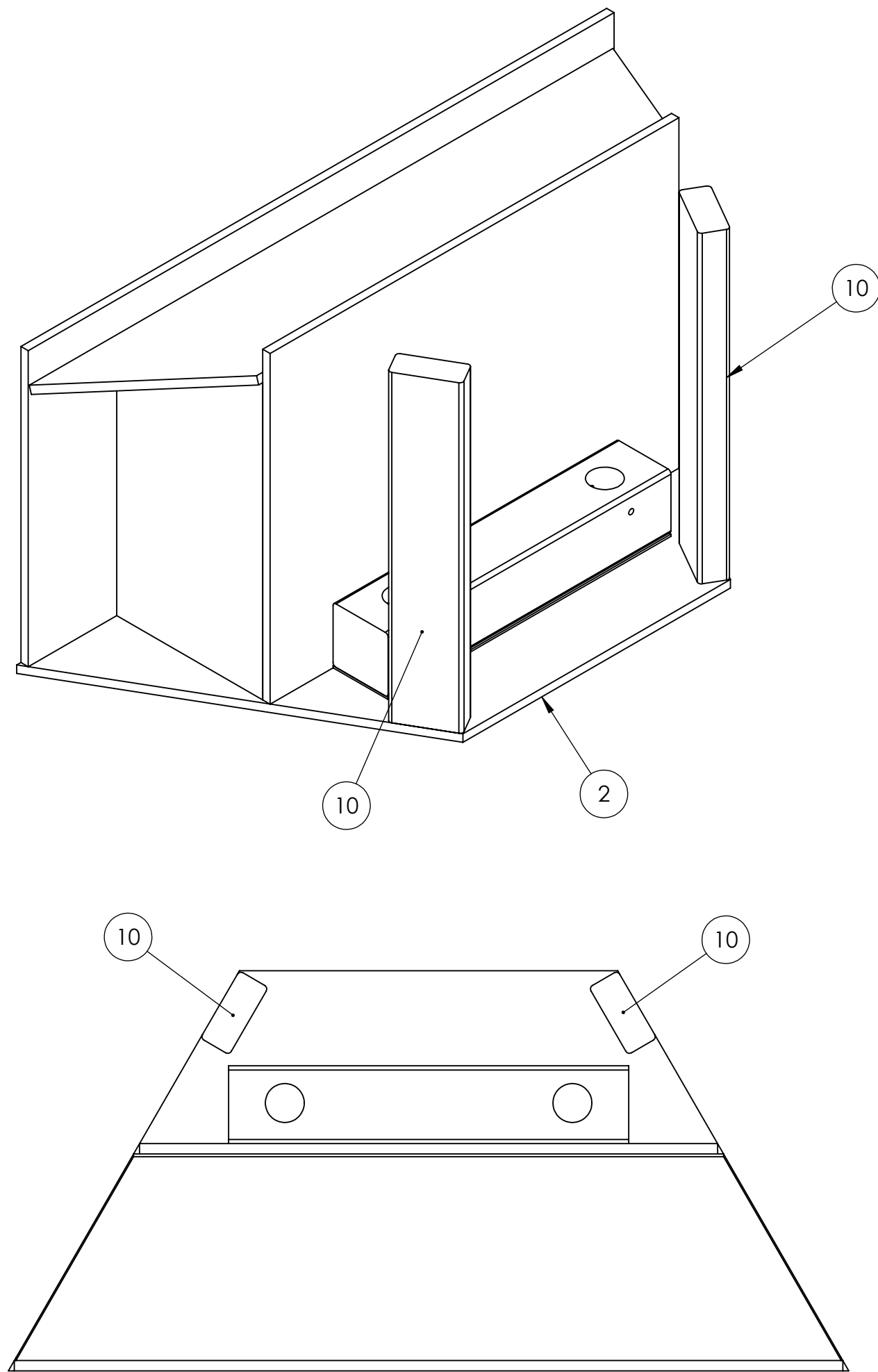
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	DRAWN	OD	12/23/2024		
	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST® . ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED. COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			TITLE: TE Pipe Base	
SIZE C		DWG. NO. TE-25350		REV	
SCALE: 1:8		SHEET 3 OF 6			



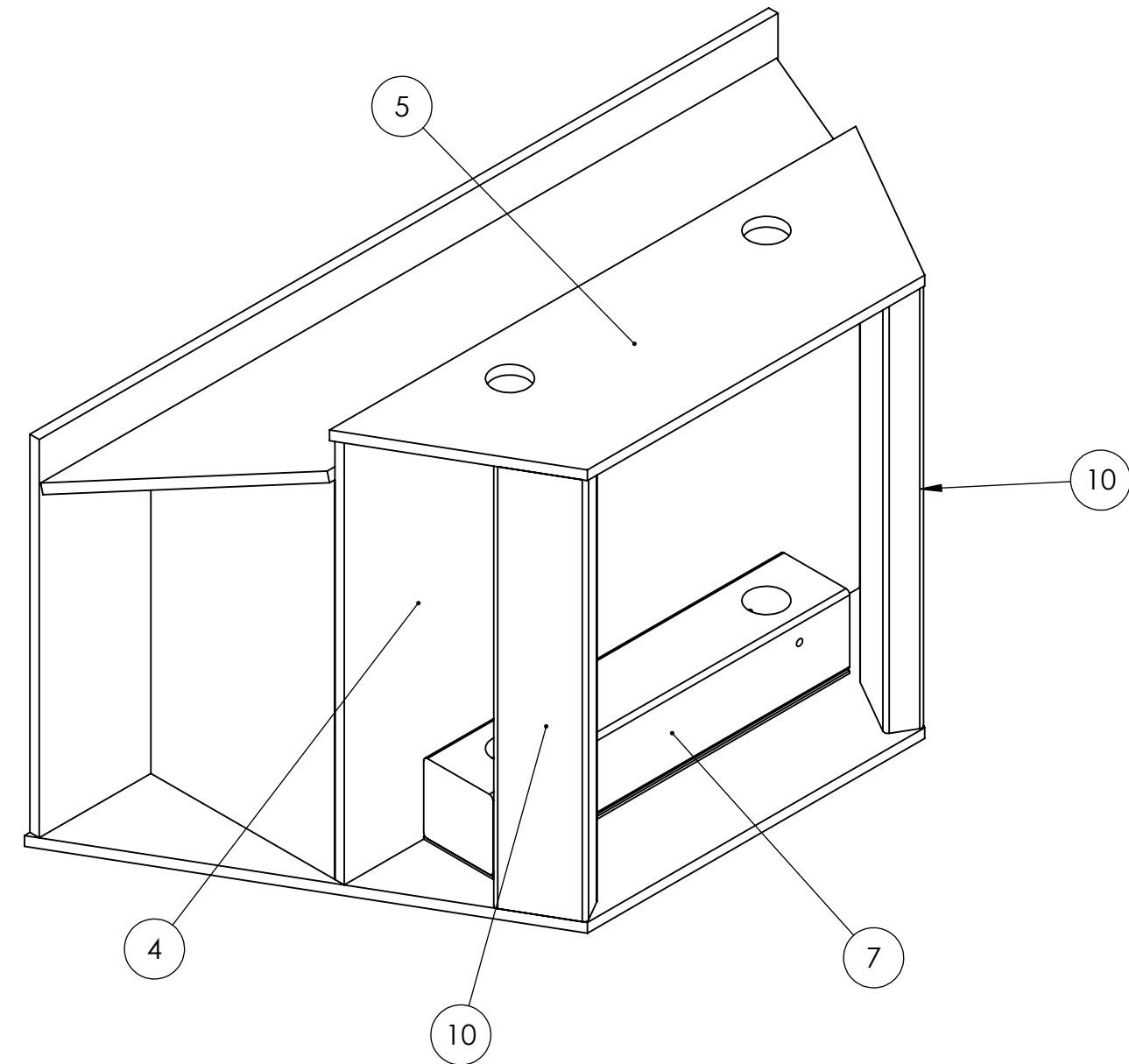
Step 5: Install the assembly from Step 2. (9) should be inserted between the two (6) . (4) should be firmly pressed against the backs of the two (6) and against the top of (2) . Ensure that (8) is present in the right position before fastening. Fasten the assembly in place with wood screws through (6) into the ends of (9) and through the bottom of (2) . In addition, pilot drill and wood screw through (4) into the edges of (6) .

Step 6: Install (3) onto the top of the assembly with wood screws. Ensure it is centered left to right.



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .13$ THREE PLACE DECIMAL $\pm .125$ MATERIAL/FINISH: DO NOT SCALE DRAWING	TEAM	NAME	DATE	 TITLE: TE Pipe Base	
	DRAWN	OD	12/23/2024	SIZE	DWG. NO.
	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. COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			C	TE-25350
SCALE: 1:8		SHEET 4 OF 6			

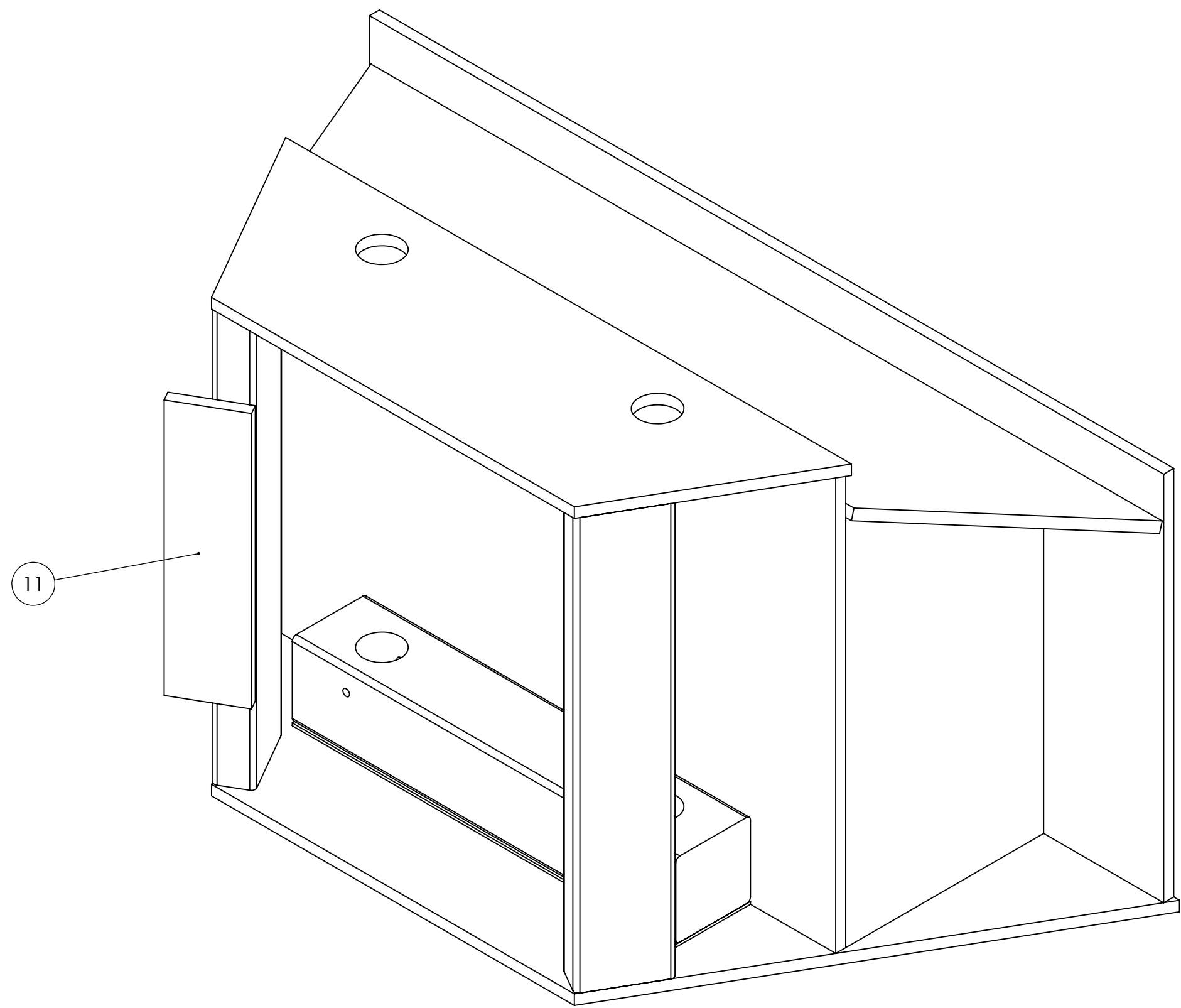


Step 7: Installed two (10) onto the assembly as shown. Ensure the edges of (10) are flush with the edges of (2) .





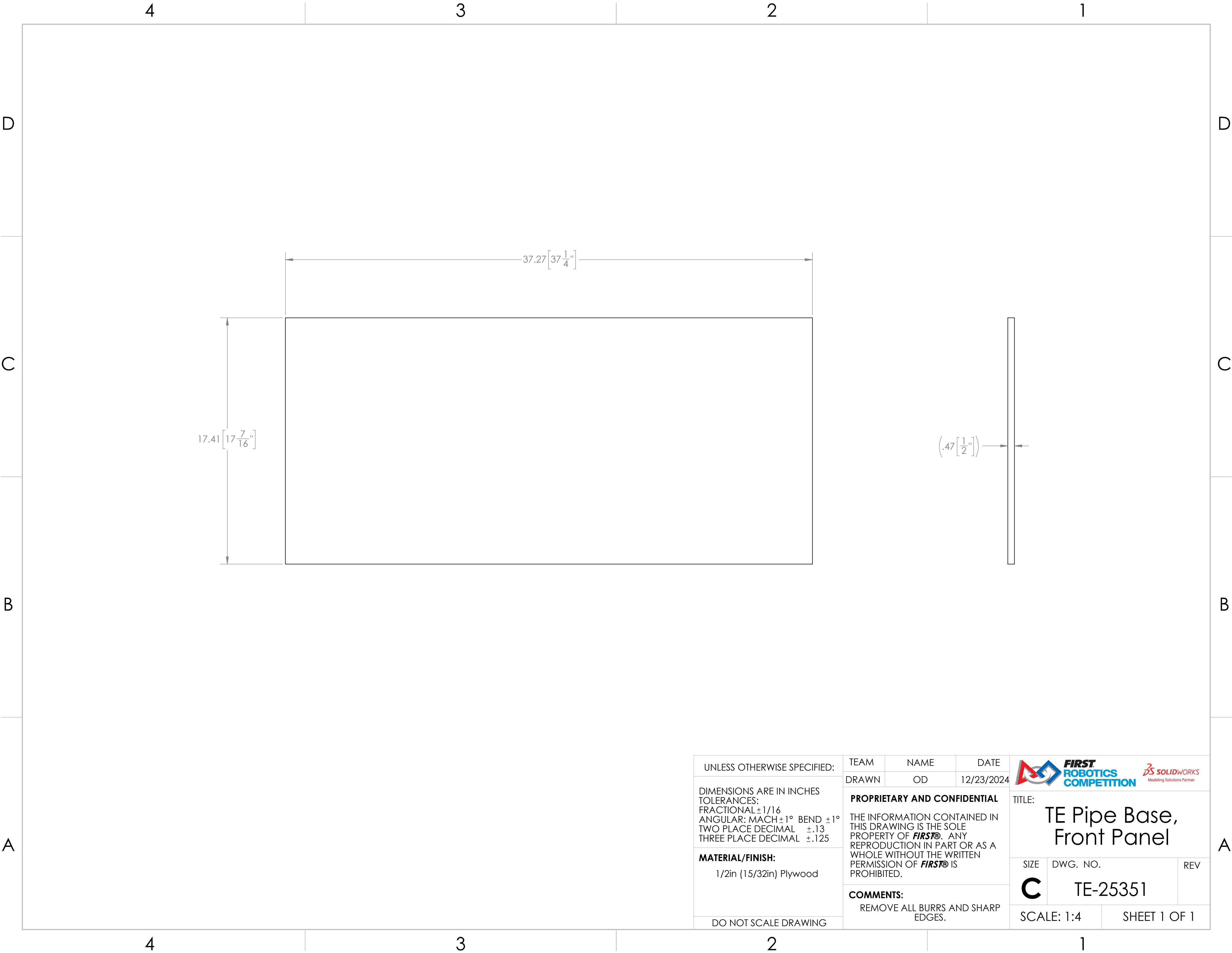
Step 8: Install (5) onto the top of the assembly. Ensure that the holes in (5) line up with the holes in (7) using a piece of 1-1/4in pipe (or the Scoring Pipe). Fasten (5) in place with wood screws into the ends of (10) and by pilot drilling and wood screwing into the top edge of (4) .



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/16 ANGULAR: MACH±1° BEND ±1° TWO PLACE DECIMAL ±.13 THREE PLACE DECIMAL ±.125 MATERIAL/FINISH: DO NOT SCALE DRAWING	TEAM	NAME	DATE	<div></div>		
	DRAWN	OD	12/23/2024			
	PROPRIETARY AND CONFIDENTIAL			TITLE: TE Pipe Base		
	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.					
COMMENTS:			SIZE DWG. NO. REV			
REMOVE ALL BURRS AND SHARP EDGES.						
			C TE-25350			
			SCALE: 1:6		SHEET 5 OF 6	

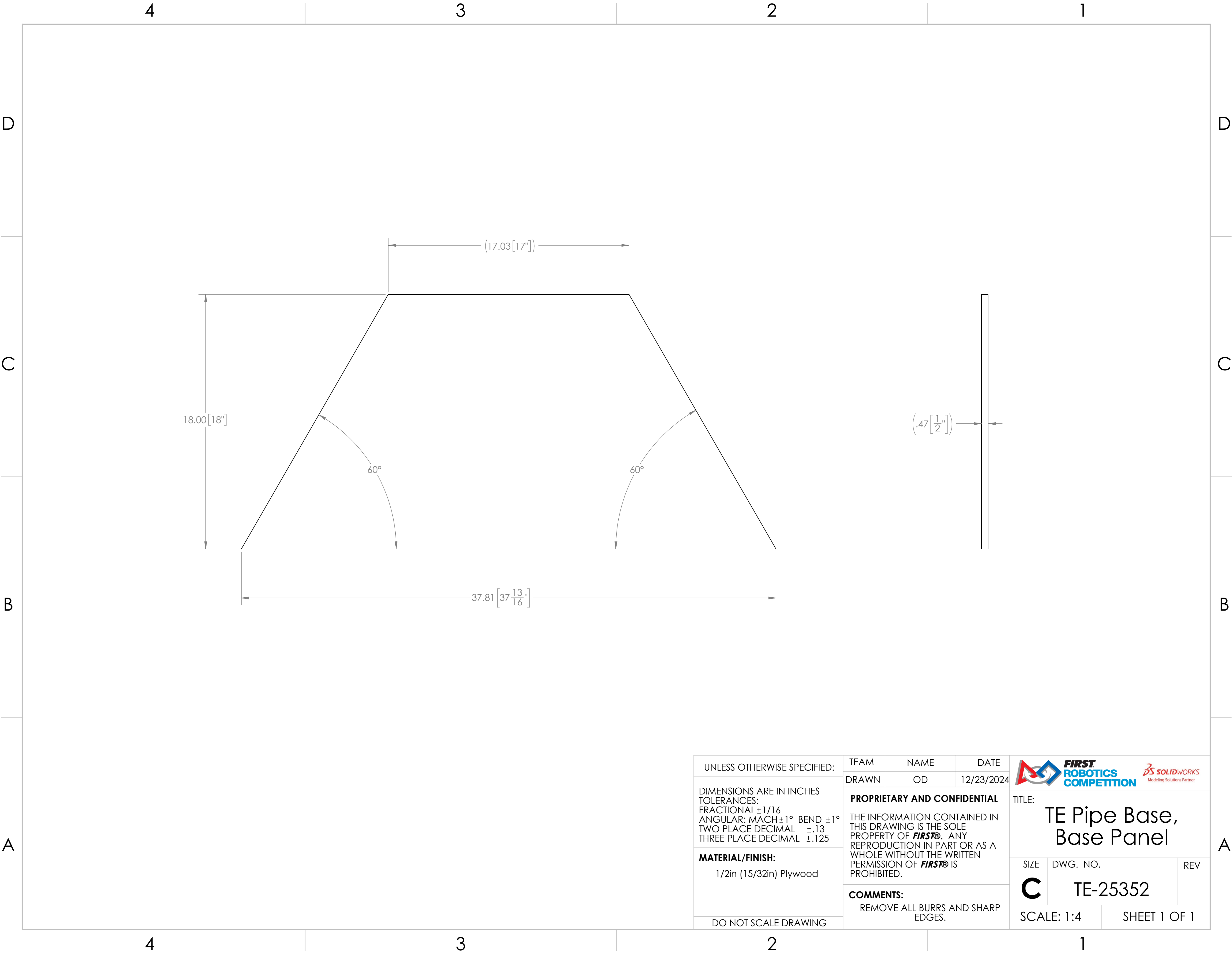




Step 9 (OPTIONAL): Multiple Pipe Bases can be joined together to form a portion (or the entirety) of a Reef assembly. For this application, fasten 11 to the assembly as shown with wood screws. 11 is used to join to the adjacent Pipe Base by wood screwing to the mating part.

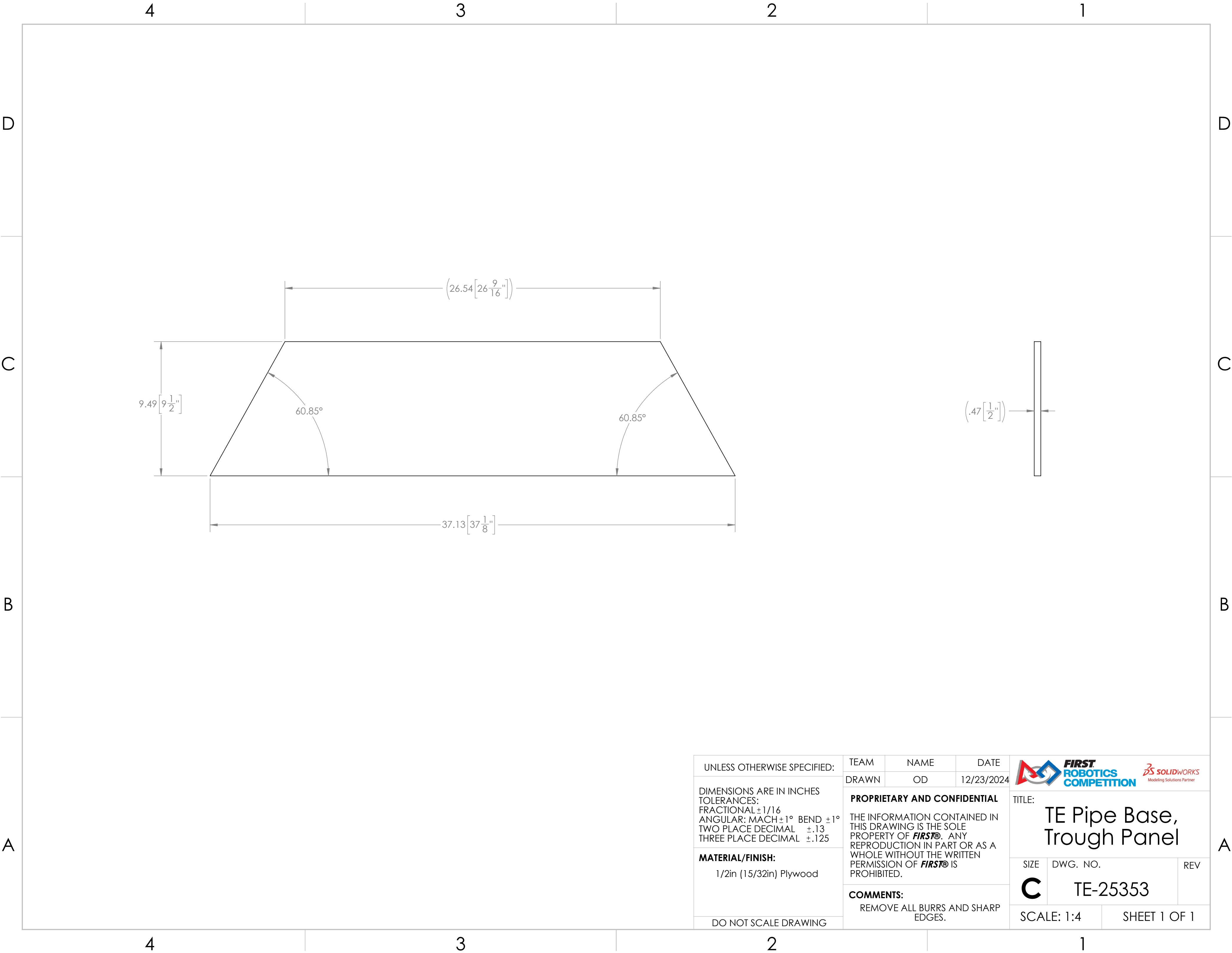
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	DRAWN	OD	12/23/2024			
	PROPRIETARY AND CONFIDENTIAL				TITLE: TE Pipe Base	
	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST® . ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED.					
COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.				SIZE	DWG. NO.	REV
				C	TE-25350	
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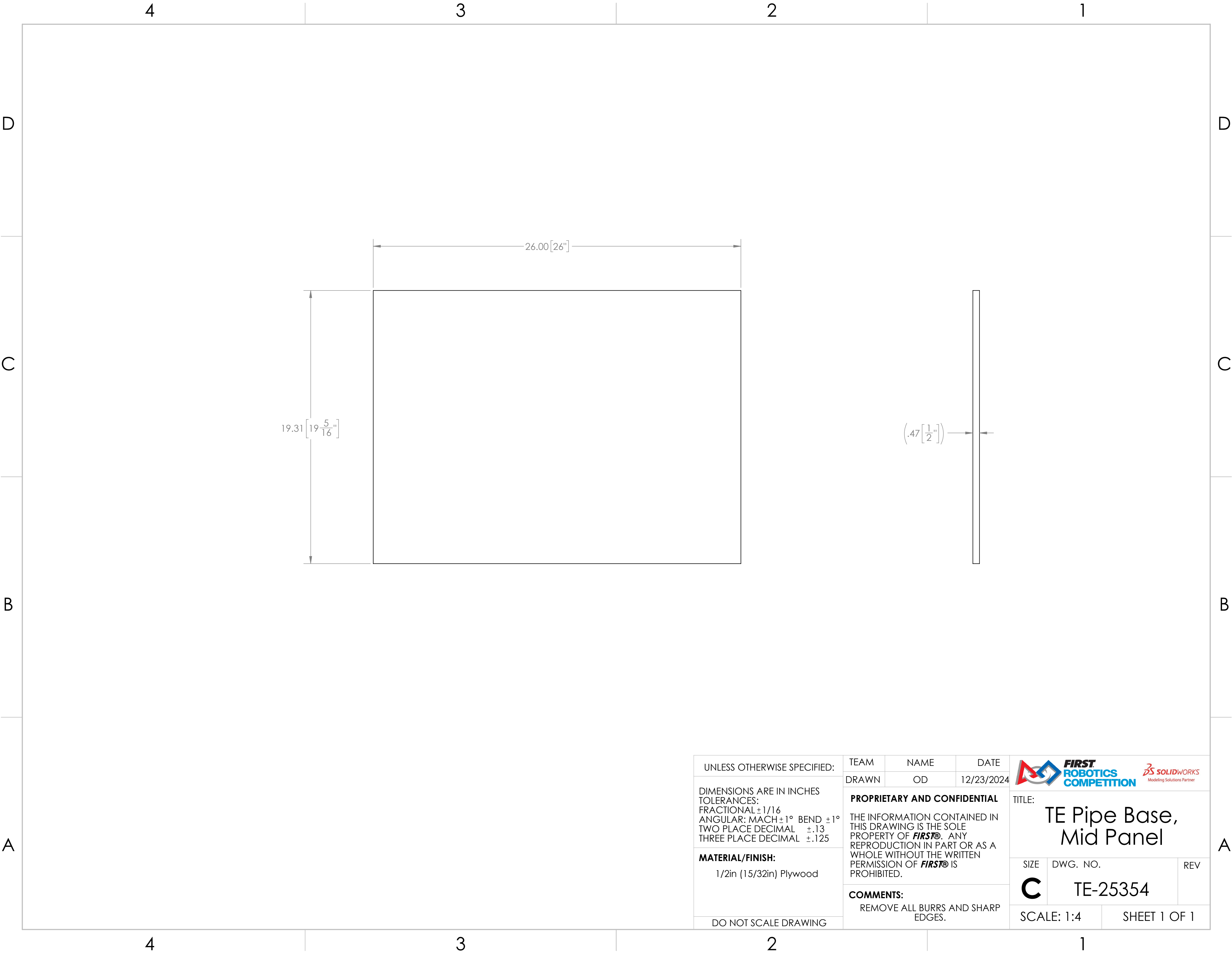
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	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST® . ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED.			TE Pipe Base, Front Panel		
				SIZE	DWG. NO.	REV
MATERIAL/FINISH:	COMMENTS:			C	TE-25351	
1/2in (15/32in) Plywood				REMOVE ALL BURRS AND SHARP EDGES.		
DO NOT SCALE DRAWING				SCALE: 1:4		SHEET 1 OF 1





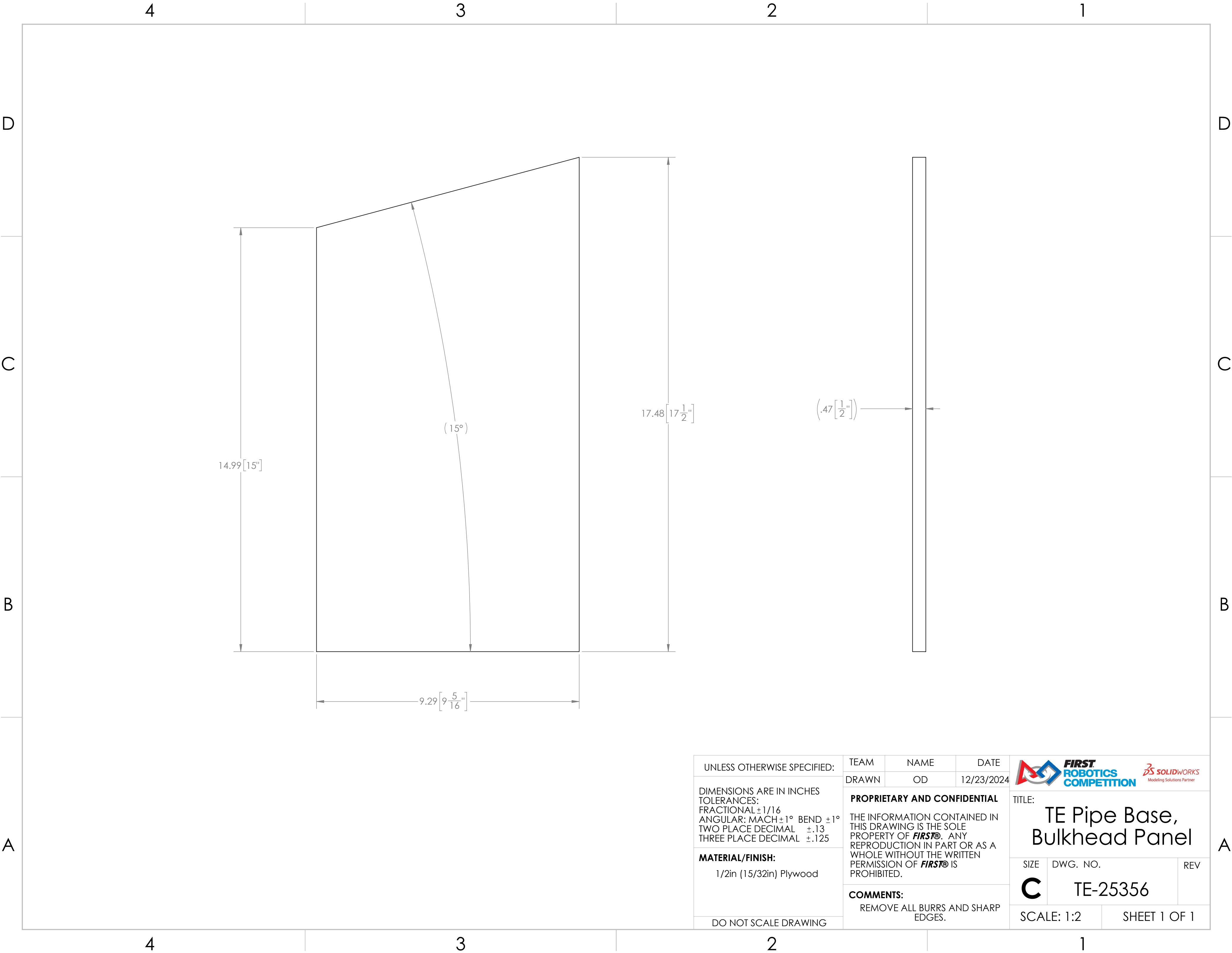
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	DRAWN	OD	12/23/2024			
	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST® . ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED.			SIZE	DWG. NO.	REV
	COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			C	TE-25352	
SCALE: 1:4		SHEET 1 OF 1				





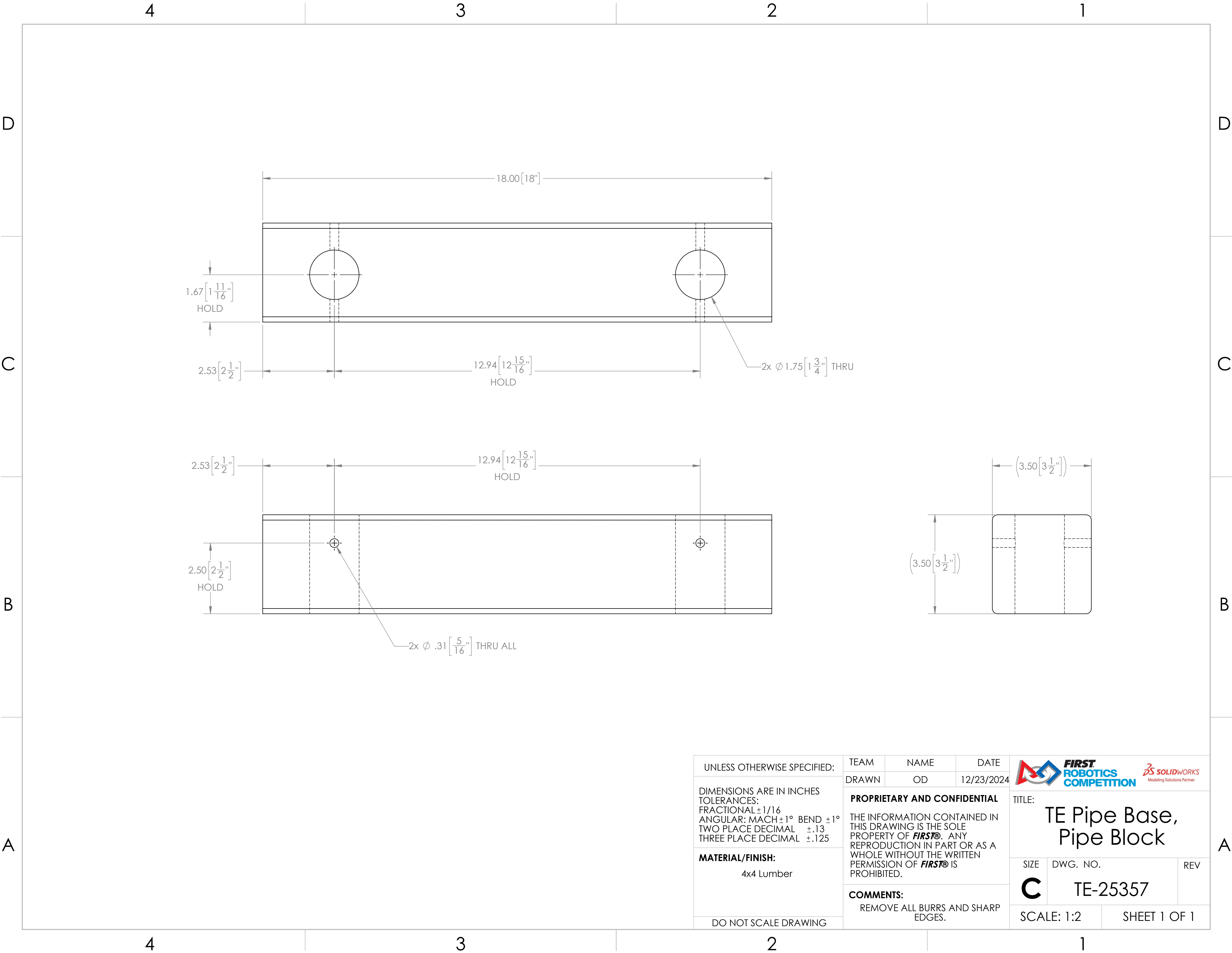
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	DRAWN	OD	12/23/2024			
	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST® . ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED.			SIZE	DWG. NO.	REV
	COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			C	TE-25353	
SCALE: 1:4		SHEET 1 OF 1				





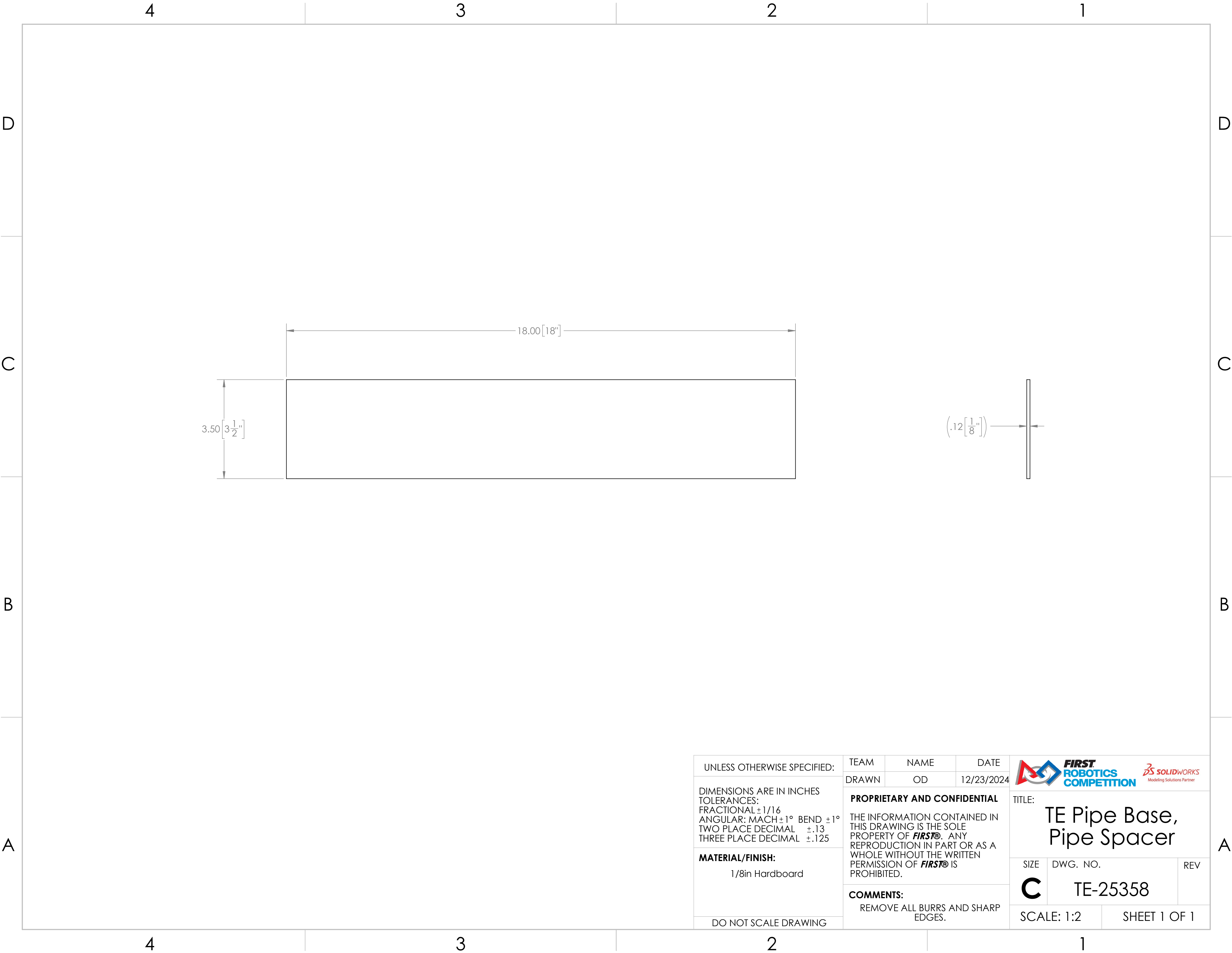
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	DRAWN	OD	12/23/2024			
	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST® . ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED. COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.					
SCALE: 1:4		SHEET 1 OF 1		SIZE	DWG. NO.	REV
C		TE-25354				





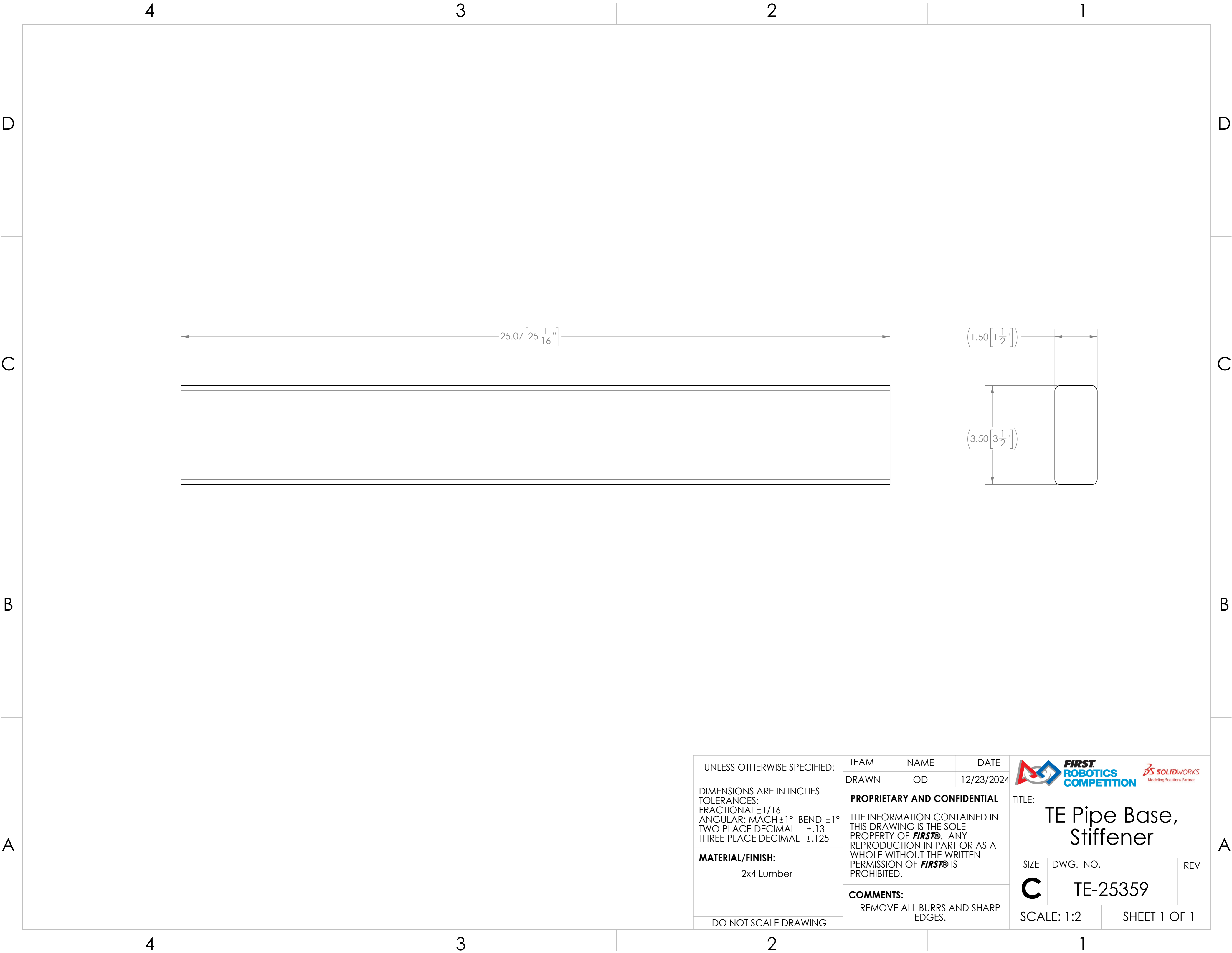
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	SIZE	DWG. NO.	REV										
C	TE-25356												
SCALE: 1:2		SHEET 1 OF 1											
DRAWN	OD	12/23/2024	<div>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST®. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED. COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.</div>										





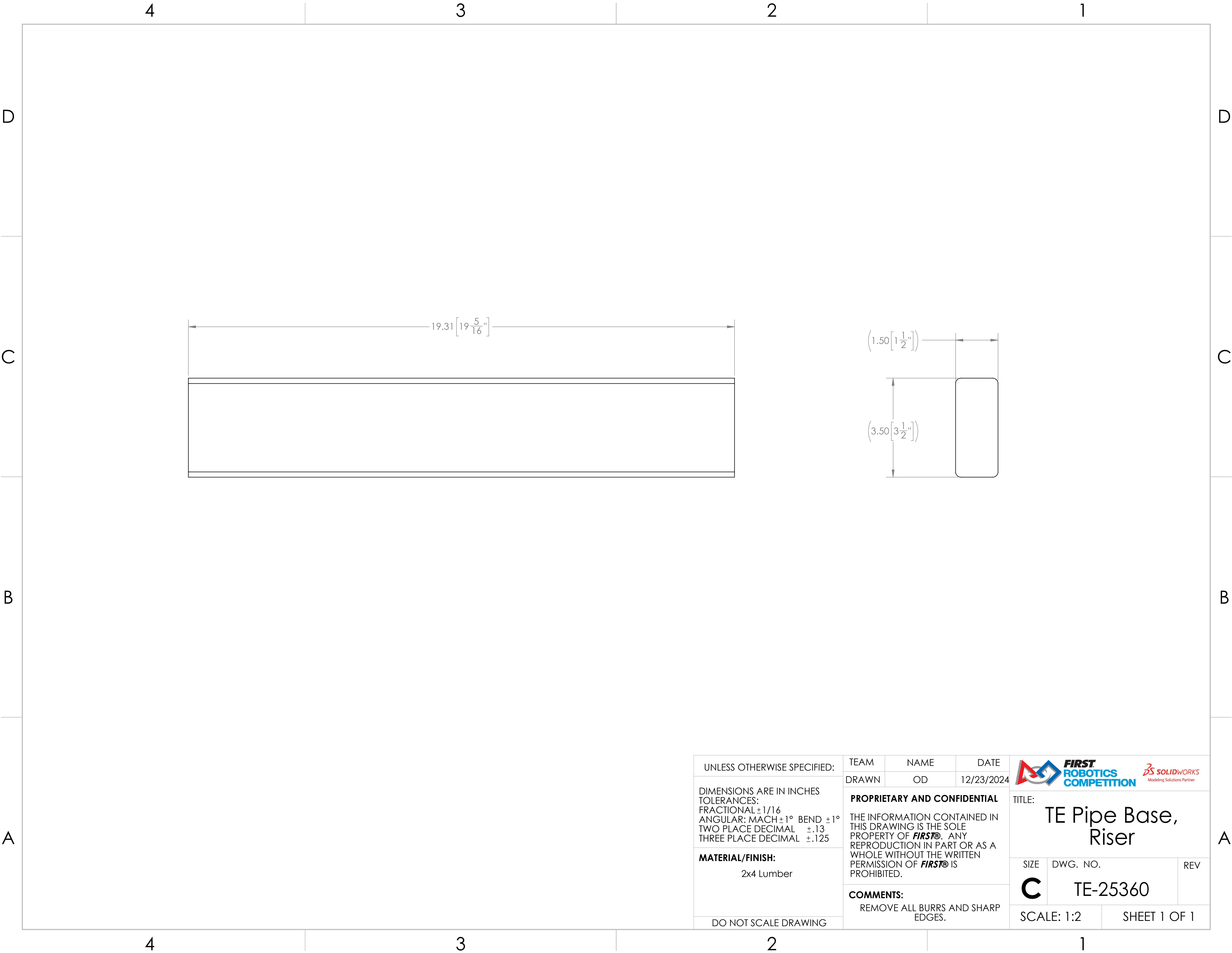
UNLESS OTHERWISE SPECIFIED:	TEAM	NAME	DATE	<div><div></div><div>TITLE: TE Pipe Base, Pipe Block</div></div>		
	DRAWN	OD	12/23/2024			
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/16 ANGULAR: MACH ±1° BEND ±1° TWO PLACE DECIMAL ±.13 THREE PLACE DECIMAL ±.125	PROPRIETARY AND CONFIDENTIAL THE INFORMATION 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
	COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			C	TE-25357	
	DO NOT SCALE DRAWING			SCALE: 1:2		SHEET 1 OF 1
MATERIAL/FINISH: 4x4 Lumber						





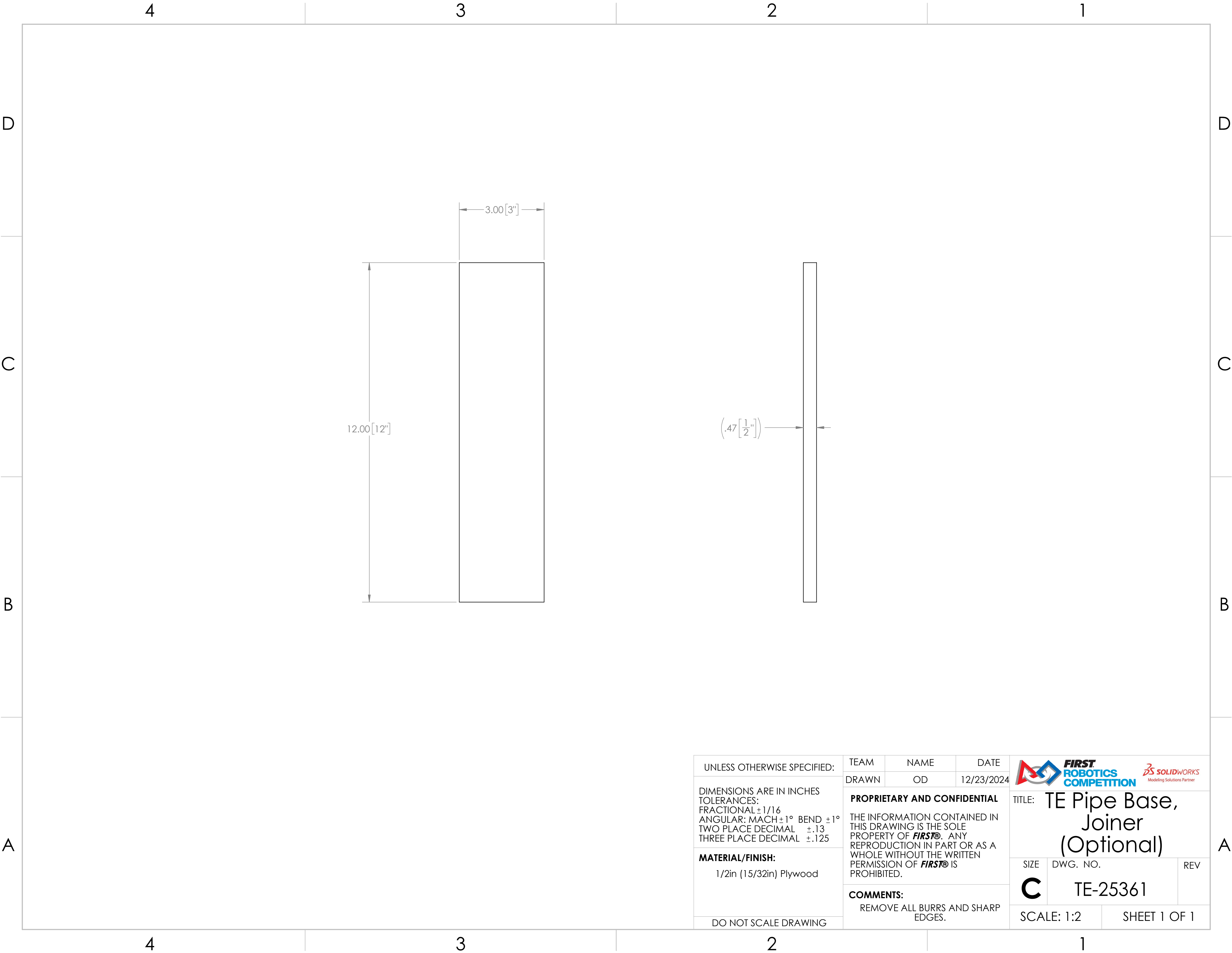
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/16 ANGULAR: MACH ±1° BEND ±1° TWO PLACE DECIMAL ±.13 THREE PLACE DECIMAL ±.125	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FIRST® . ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FIRST® IS PROHIBITED.			TITLE: TE Pipe Base, Pipe Spacer			
	MATERIAL/FINISH: 1/8in Hardboard	COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			SIZE	DWG. NO.	REV
					C	TE-25358	
DO NOT SCALE DRAWING				SCALE: 1:2		SHEET 1 OF 1	





UNLESS OTHERWISE SPECIFIED:	TEAM	NAME	DATE	<div></div>		
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/16 ANGULAR: MACH ±1° BEND ±1° TWO PLACE DECIMAL ±.13 THREE PLACE DECIMAL ±.125	PROPRIETARY AND CONFIDENTIAL			TITLE: TE Pipe Base, Stiffener		
	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/FINISH: 2x4 Lumber	COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			SIZE C	DWG. NO. TE-25359
DO NOT SCALE DRAWING				SCALE: 1:2		SHEET 1 OF 1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .13$ THREE PLACE DECIMAL $\pm .125$ MATERIAL/FINISH: 2x4 Lumber DO NOT SCALE DRAWING	TEAM	NAME	DATE	<div></div> <div>TITLE: TE Pipe Base, Riser</div>		
	DRAWN	OD	12/23/2024			
	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. COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			SIZE	DWG. NO.	REV
SCALE: 1:2		SHEET 1 OF 1				



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .13$ THREE PLACE DECIMAL $\pm .125$ MATERIAL/FINISH: 1/2in (15/32in) Plywood DO NOT SCALE DRAWING	TEAM	NAME	DATE	<div></div> <div>TITLE: TE Pipe Base, Joiner (Optional)</div>		
	DRAWN	OD	12/23/2024			
	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
	COMMENTS: REMOVE ALL BURRS AND SHARP EDGES.			C	TE-25361	
SCALE: 1:2		SHEET 1 OF 1				