

Bill of Materials

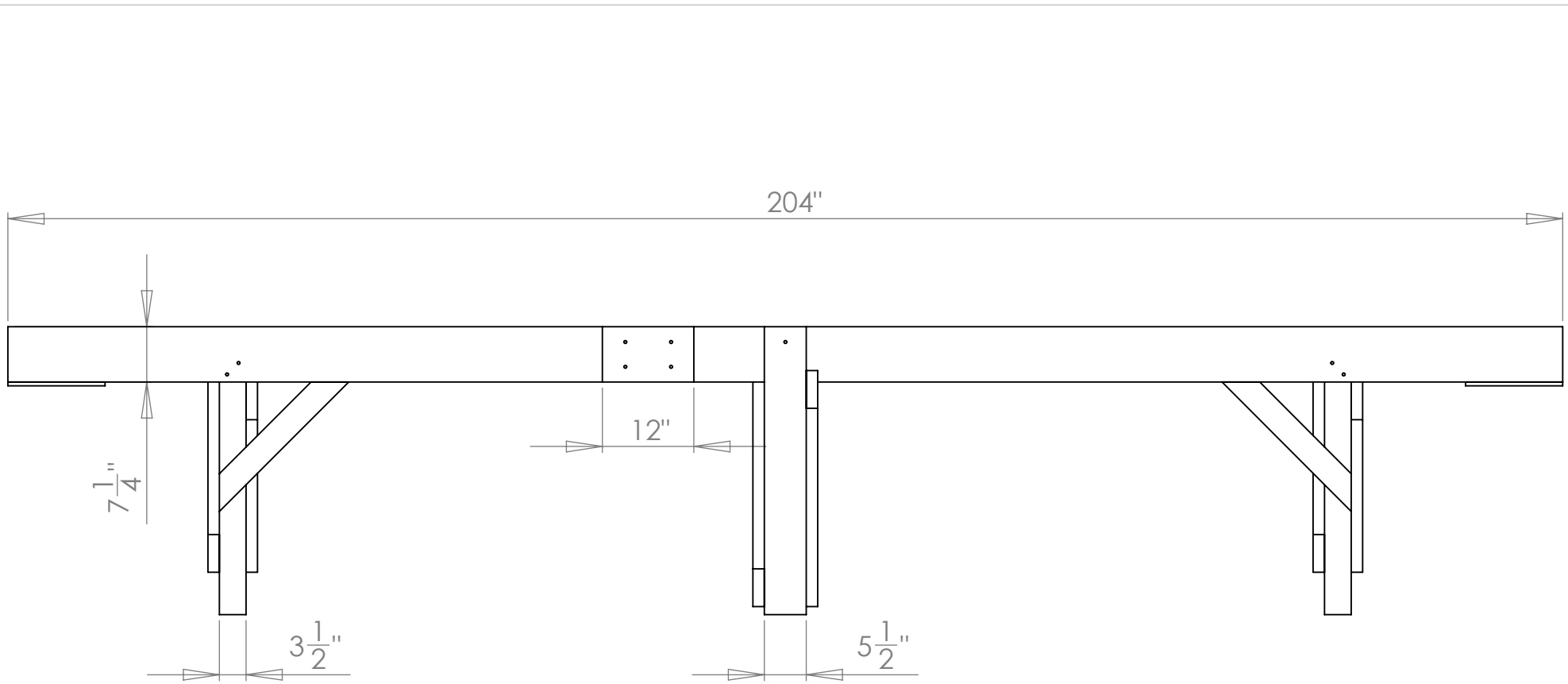


All plans (c) Matthew Campbell 2011
 Email: matthew.campbell@stanford.edu
 Web: www.mccampbell.info/carpetball/

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN	12/18/08	TITLE: Carpetball Table
		TOLERANCES:	CHECKED		
		FRACTIONAL $\pm 1/32$	ENG APPR.		
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.		
		TWO PLACE DECIMAL ± 0.01			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ± 0.005			A TableParts
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			SCALE: 1:20 WEIGHT: SHEET 1 OF 18
		MATERIAL			
		FINISH			
		USED ON			
		APPLICATION			
		DO NOT SCALE DRAWING			

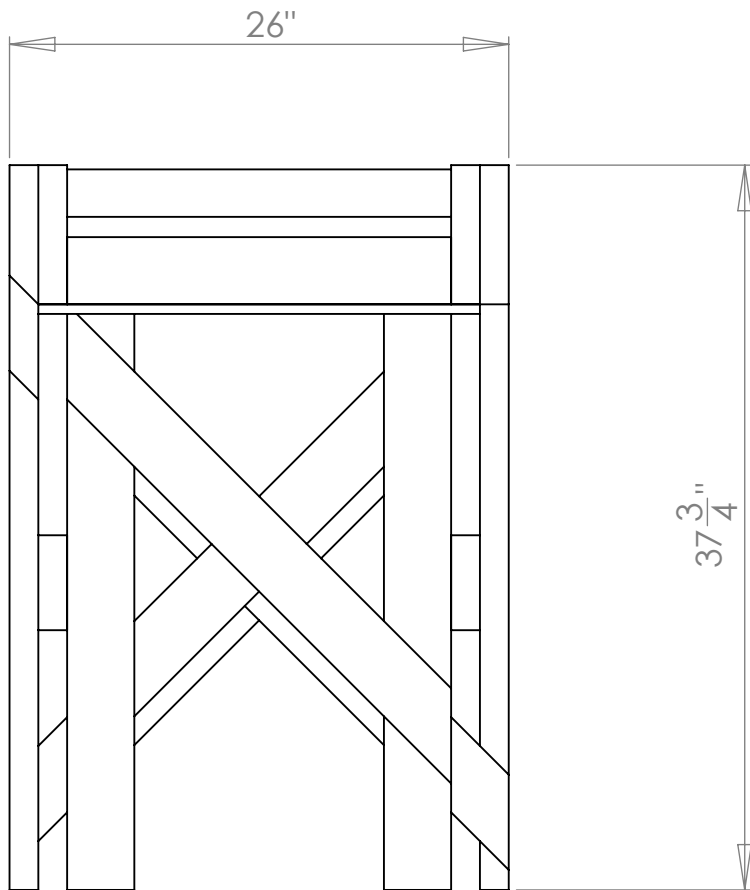
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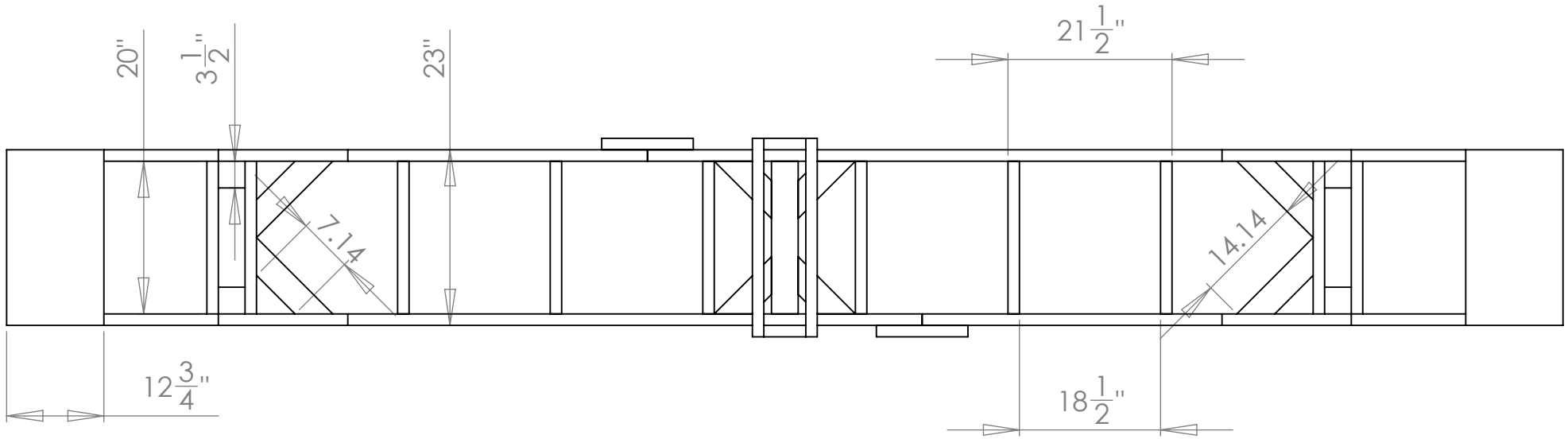
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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE: Side View of Table
		TOLERANCES:	CHECKED		
		FRACTIONAL $\pm 1/32$	ENG APPR.		
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.		
		TWO PLACE DECIMAL ± 0.01			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ± 0.005			A TableParts
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			SCALE: 1:20 WEIGHT: SHEET 2 OF 18
		MATERIAL			
		FINISH			
		DO NOT SCALE DRAWING			
		APPLICATION			



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE:
		TOLERANCES:	CHECKED		Front View of Table
		FRACTIONAL ±1/32	ENG APPR.		
		ANGULAR: MACH ±0.5° BEND ±1.0°	MFG APPR.		
		TWO PLACE DECIMAL ±0.01			
		THREE PLACE DECIMAL ±0.005			
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			
		MATERIAL			
		FINISH			
		DO NOT SCALE DRAWING			
5	4	3	2	1	
			SIZE DWG. NO.	REV	
			A TableParts		
			SCALE: 1:10	WEIGHT:	SHEET 3 OF 18



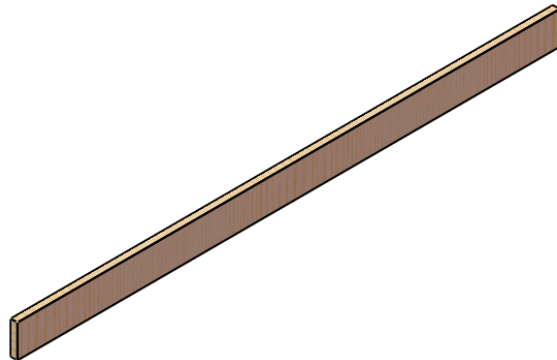
$$7.14 = 7\frac{1}{8}$$

$$14.14 = 14\frac{1}{8}$$

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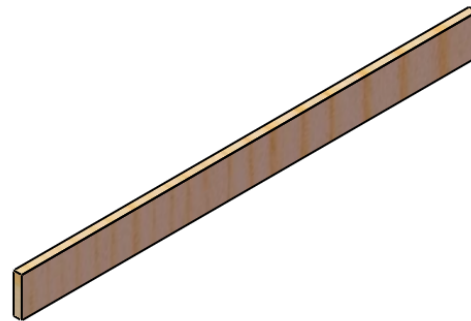
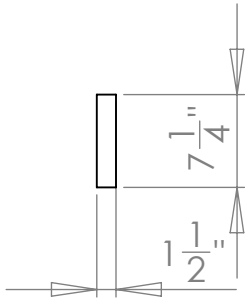
		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		TITLE:
		FRACTIONAL $\pm 1/32$	ENG APPR.		Bottom View of Table
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.		
		TWO PLACE DECIMAL ± 0.01			
		THREE PLACE DECIMAL ± 0.005			
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			
		MATERIAL			
		FINISH			
		DO NOT SCALE DRAWING			
SIZE	DWG. NO.			REV	
A	TableParts				
SCALE: 1:20	WEIGHT:			SHEET 4 OF 18	



		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE: 10 Foot Side Beam (make 2x)
		TOLERANCES:	CHECKED		
		FRACTIONAL $\pm 1/32$	ENG APPR.		
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.		
		TWO PLACE DECIMAL ± 0.01			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ± 0.005			A TableParts
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			SCALE: 1:15 WEIGHT: SHEET 5 OF 18
		MATERIAL			
		FINISH			
		DO NOT SCALE DRAWING			

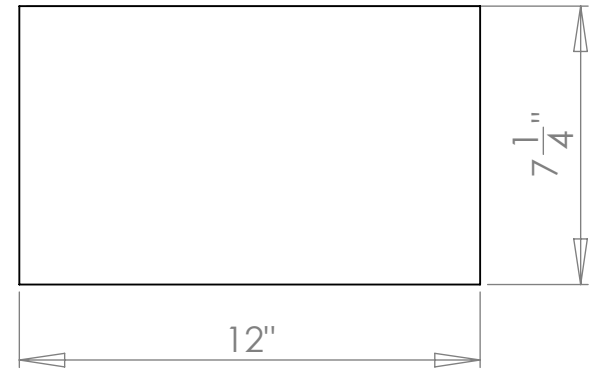
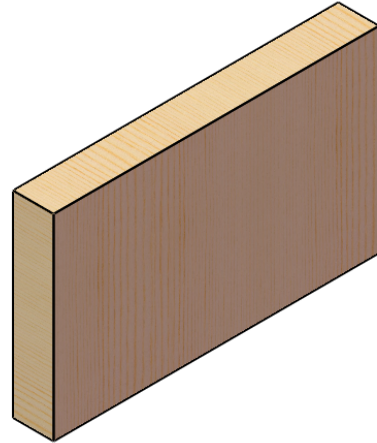
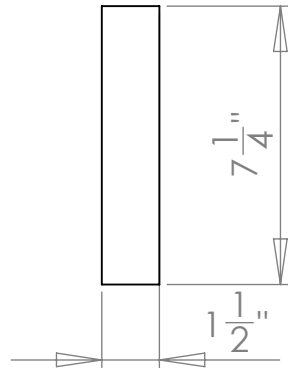
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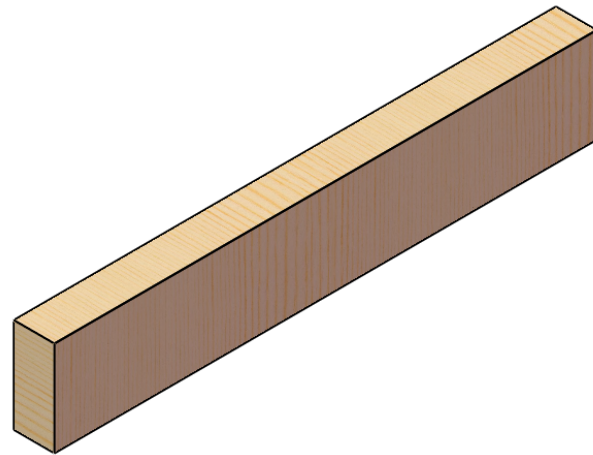
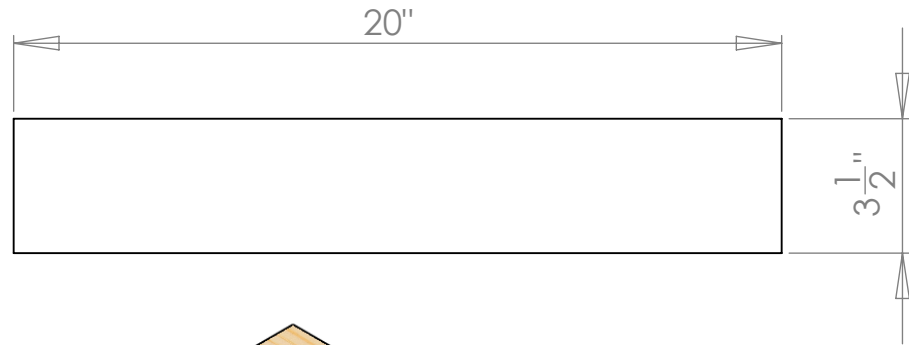
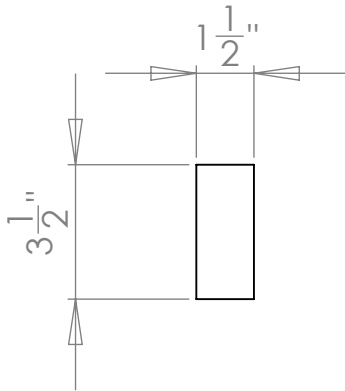
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:	
		TOLERANCES:		CHECKED		7 Foot Side Beam	
		FRACTIONAL $\pm 1/32$		ENG APPR.		(make 2x)	
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$		MFG APPR.		SIZE	DWG. NO.
		TWO PLACE DECIMAL ± 0.01				A TableParts	
		THREE PLACE DECIMAL ± 0.005				SCALE: 1:15	WEIGHT:
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5				SHEET 6 OF 18	
		MATERIAL					REV
		FINISH					
		DO NOT SCALE DRAWING					
APPLICATION							



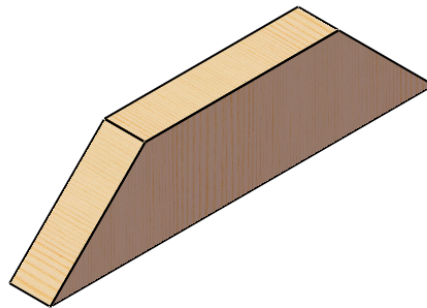
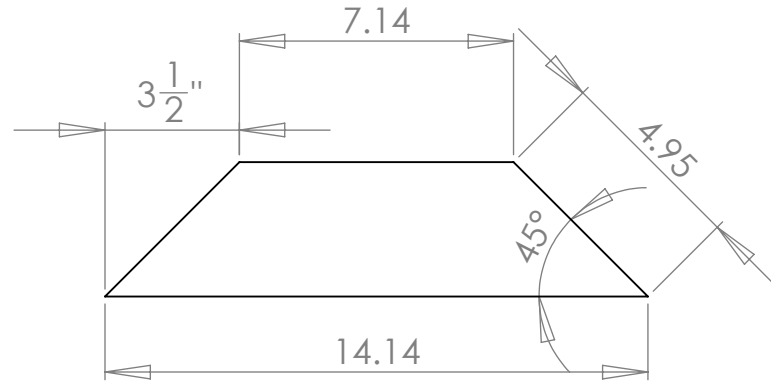
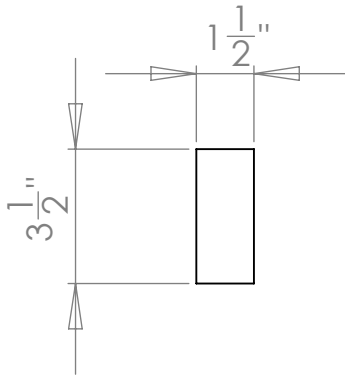
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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE: Side Beam Connector (make 2x)
		TOLERANCES:	CHECKED		
		FRACTIONAL $\pm 1/32$	ENG APPR.		
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.		
		TWO PLACE DECIMAL ± 0.01			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ± 0.005			A TableParts
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			SCALE: 1:5 WEIGHT: SHEET 7 OF 18
		MATERIAL			
		FINISH			
		APPLICATION			
		DO NOT SCALE DRAWING			



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:	
		TOLERANCES:		CHECKED		2x4 Cross Piece	
		FRACTIONAL $\pm 1/32$		ENG APPR.		(make 16x)	
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$		MFG APPR.		SIZE	DWG. NO.
		TWO PLACE DECIMAL ± 0.01				A TableParts	
		THREE PLACE DECIMAL ± 0.005				SCALE: 1:5	WEIGHT:
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5				SHEET 8 OF 18	
		MATERIAL					REV
		FINISH					
		DO NOT SCALE DRAWING					
APPLICATION							

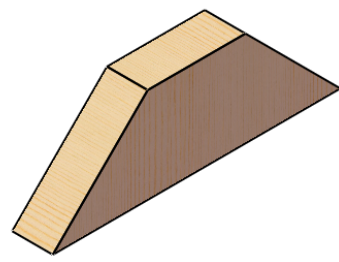
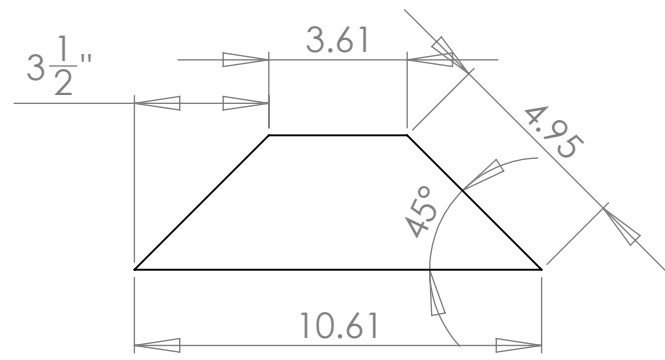
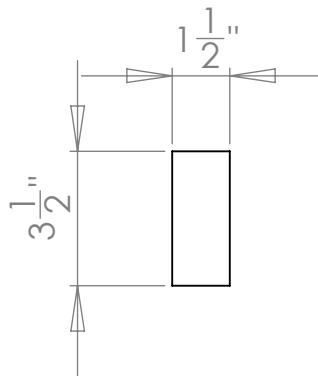


$$4.95 = 4\frac{15}{16}$$

$$7.14 = 7\frac{1}{8}$$

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE:
		TOLERANCES:	CHECKED		End 2x4 Angle Piece
		FRACTIONAL $\pm 1/32$	ENG APPR.		(make 4x)
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.		SIZE DWG. NO. REV
		TWO PLACE DECIMAL ± 0.01			A TableParts
		THREE PLACE DECIMAL ± 0.005			SCALE: 1:5 WEIGHT: SHEET 9 OF 18
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			
		MATERIAL			
		FINISH			
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APPLICATION					



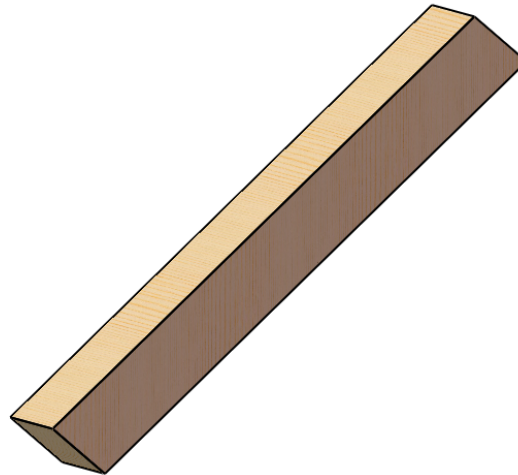
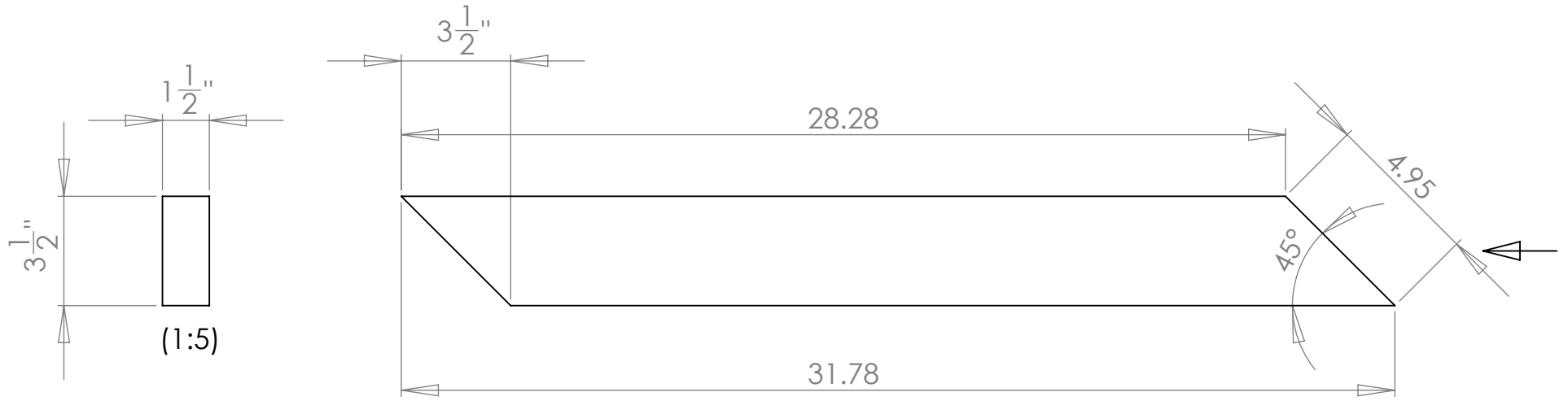
$$3.61 = 3\frac{5}{8}$$

$$4.95 = 4\frac{15}{16}$$

$$10.61 = 10\frac{5}{8}$$

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:	
		TOLERANCES:		CHECKED		Middle 2x4 Angle Piece	
		FRACTIONAL $\pm 1/32$		ENG APPR.		(make 4x)	
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$		MFG APPR.		SIZE	DWG. NO.
		TWO PLACE DECIMAL ± 0.01				A TableParts	
		THREE PLACE DECIMAL ± 0.005				REV	
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5				SCALE: 1:5	
		MATERIAL				WEIGHT:	
		FINISH				SHEET 10 OF 18	
		DO NOT SCALE DRAWING					



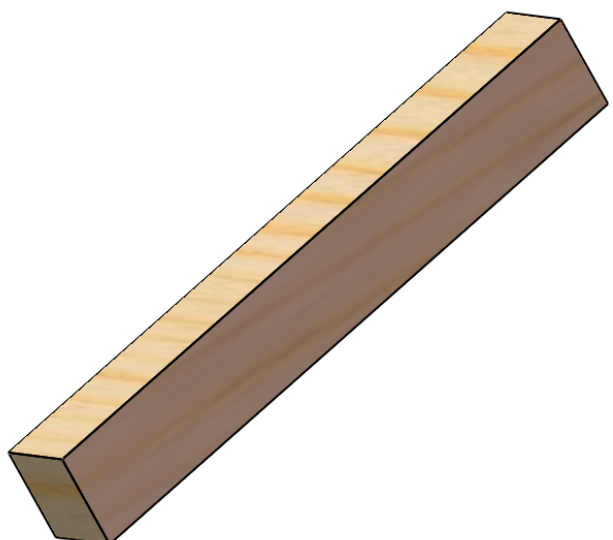
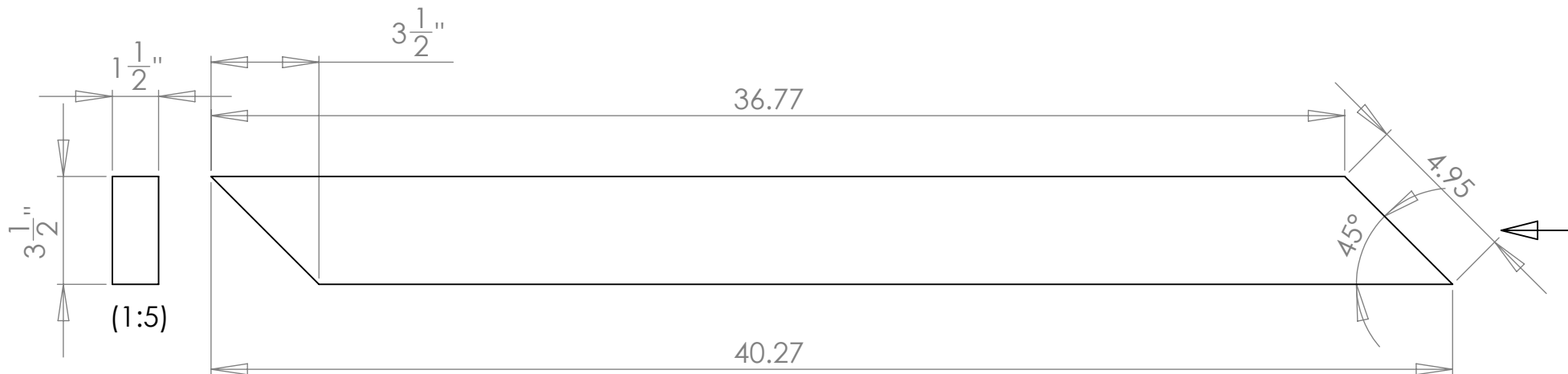
$$4.95 = 4\frac{15}{16}$$

$$28.28 = 28\frac{1}{4}$$

$$31.78 = 31\frac{3}{4}$$

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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE: End 2x4 Leg Support (make 4x)
		TOLERANCES:	CHECKED		
		FRACTIONAL $\pm 1/32$	ENG APPR.		
		ANGULAR: MACH $\pm 0.5^\circ$ HAND $\pm 1.0^\circ$	MFG APPR.		
		TWO PLACE DECIMAL ± 0.01			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ± 0.005			A TableParts
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			SCALE: 1:30 WEIGHT: SHEET 11 OF 18
		MATERIAL			
		FINISH			
		DO NOT SCALE DRAWING			
		APPLICATION			



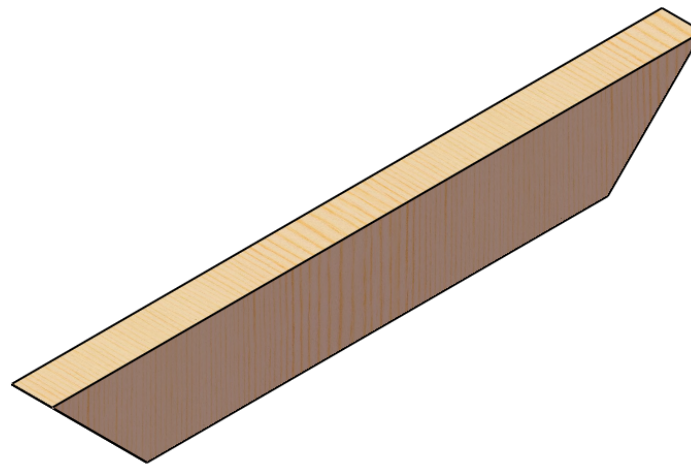
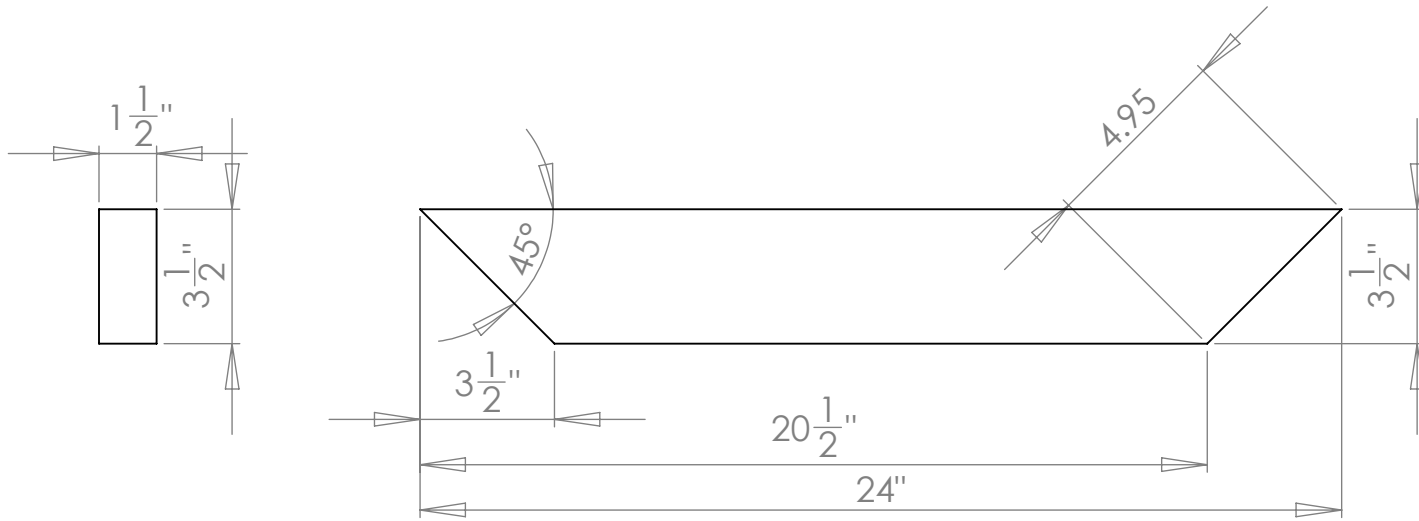
$$4.95 = 4\frac{15}{16}$$

$$36.77 = 36\frac{3}{4}$$

$$40.27 = 40\frac{1}{4}$$

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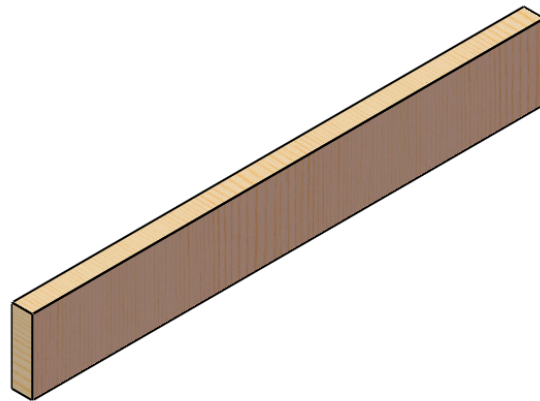
		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE: Middle 2x4 Leg Support (make 2x)
		TOLERANCES:	CHECKED		
		FRACTIONAL: $\pm 1/32$	ENG APPR.		
		ANGULAR: MACH $\pm 0.5^\circ$ FINISH $\pm 1.0^\circ$	MFG APPR.		
		TWO PLACE DECIMAL ± 0.01			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ± 0.005			A TableParts
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			SCALE: 1:30 WEIGHT: SHEET 12 OF 18
		MATERIAL			
		FINISH			
		USED ON			
		APPLICATION			
		DO NOT SCALE DRAWING			



$$4.95 = 4\frac{15}{16}$$

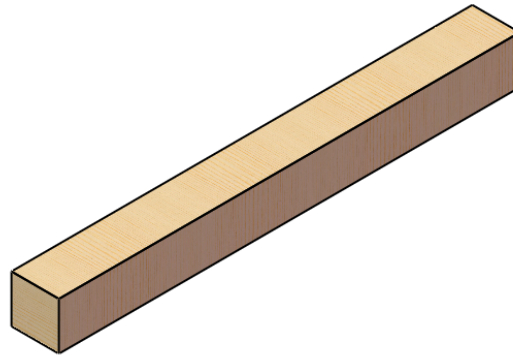
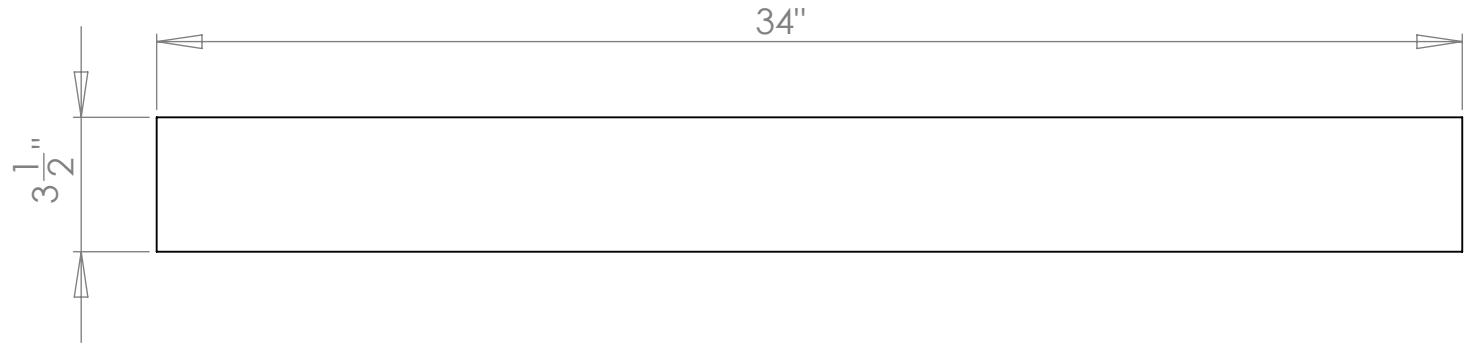
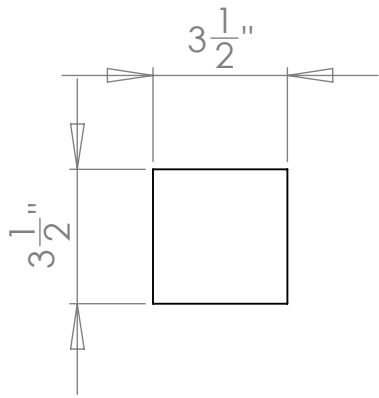
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:	
		TOLERANCES:		CHECKED		Leg thrust supports	
		FRACTIONAL: $\pm 1/32$		ENG APPR.		(make 4x)	
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$		MFG APPR.		SIZE DWG. NO.	
		TWO PLACE DECIMAL ± 0.01				A TableParts	
		THREE PLACE DECIMAL ± 0.005				REV	
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5				SCALE: 1:5 WEIGHT: SHEET 13 OF 18	
		MATERIAL					
		FINISH					
		DO NOT SCALE DRAWING					

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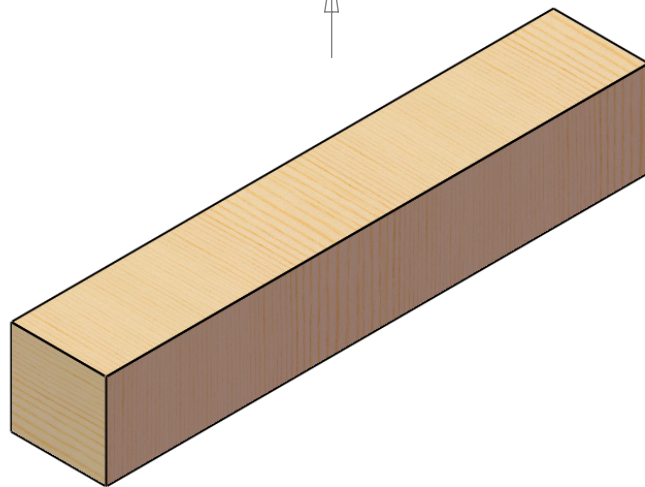
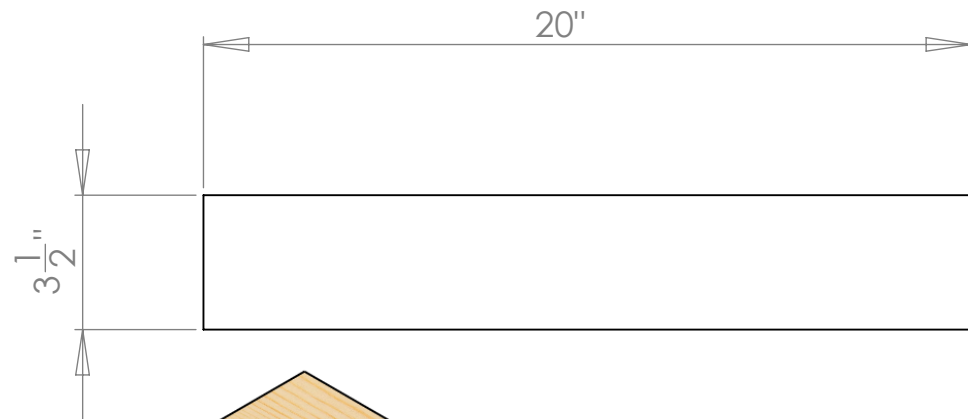
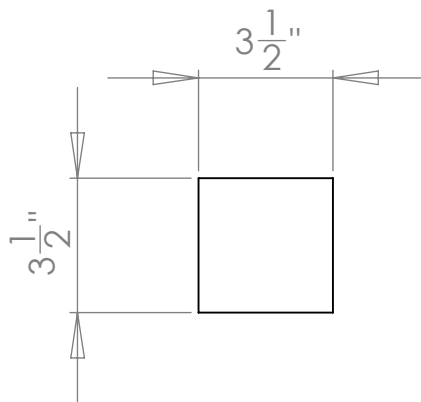
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN			TITLE:
		TOLERANCES:	CHECKED			2x6 Leg
		FRACTIONAL $\pm 1/32$	ENG APPR.			(make 2x)
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.			
		TWO PLACE DECIMAL ± 0.01				
		THREE PLACE DECIMAL ± 0.005				
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5				SIZE DWG. NO. REV
		MATERIAL				A TableParts
		FINISH				SCALE: 1:5 WEIGHT: SHEET 14 OF 18
		DO NOT SCALE DRAWING				



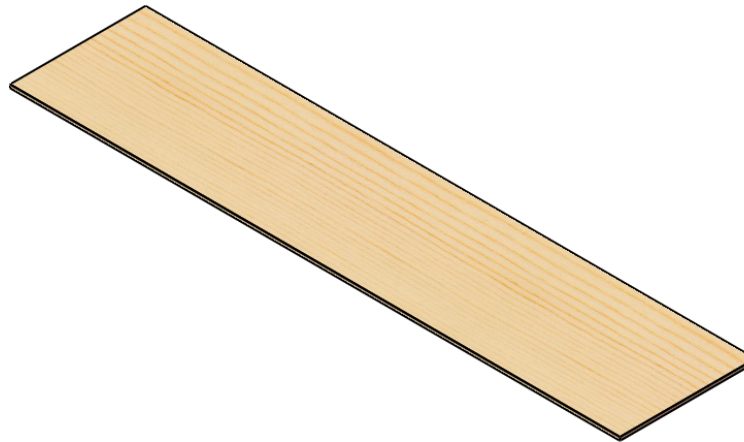
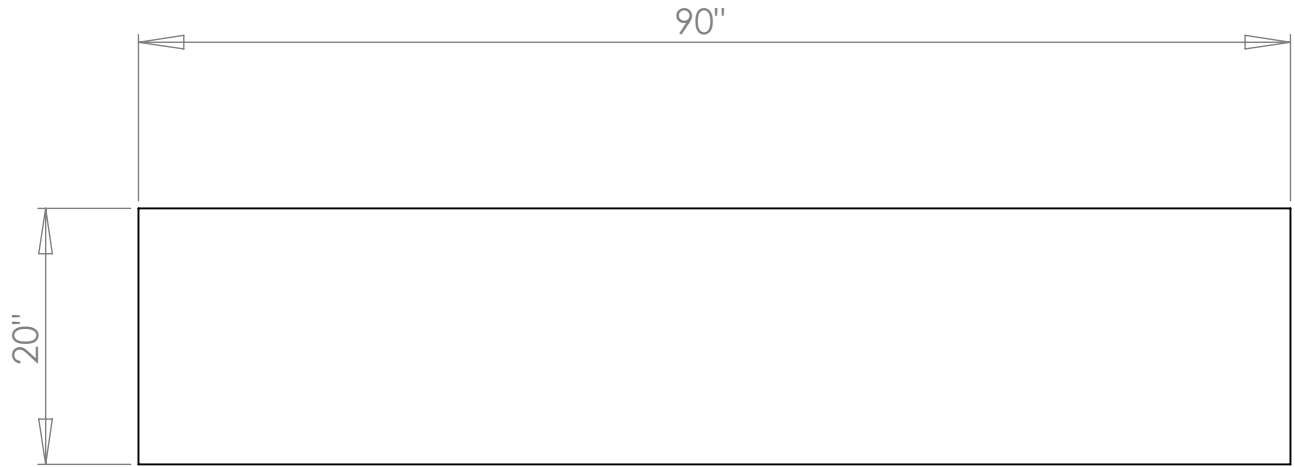
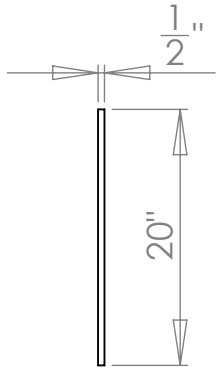
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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE:	
		TOLERANCES:	CHECKED		4x4 Leg	
		FRACTIONAL $\pm 1/32$	ENG APPR.		(make 4x)	
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.		SIZE	DWG. NO.
		TWO PLACE DECIMAL ± 0.01			A	TableParts
		THREE PLACE DECIMAL ± 0.005			SCALE: 1:5	WEIGHT:
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5				SHEET 15 OF 18
		MATERIAL				
		FINISH				
		DO NOT SCALE DRAWING				
APPLICATION						



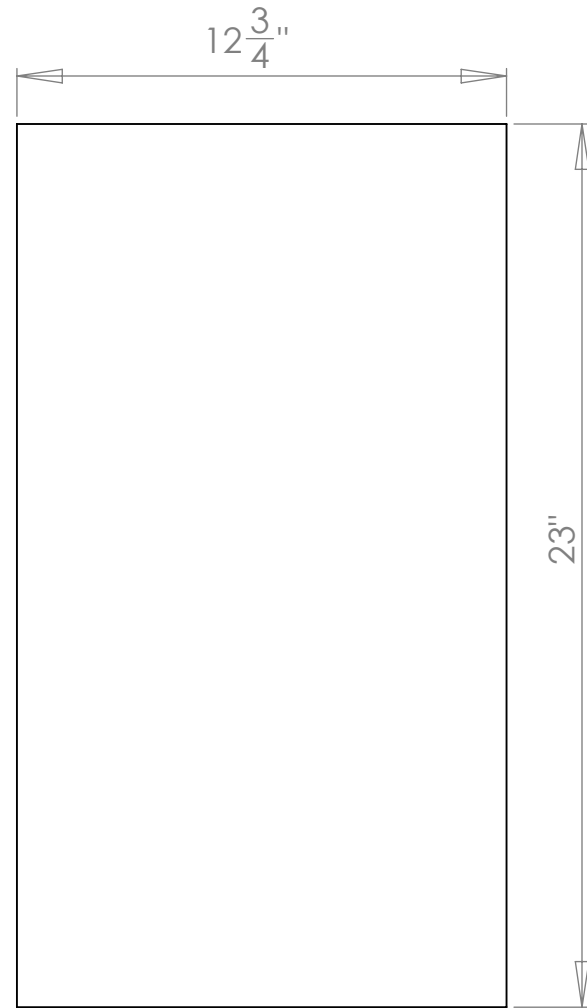
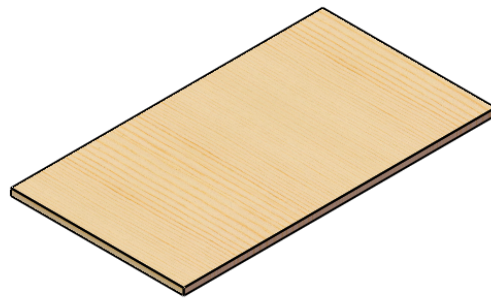
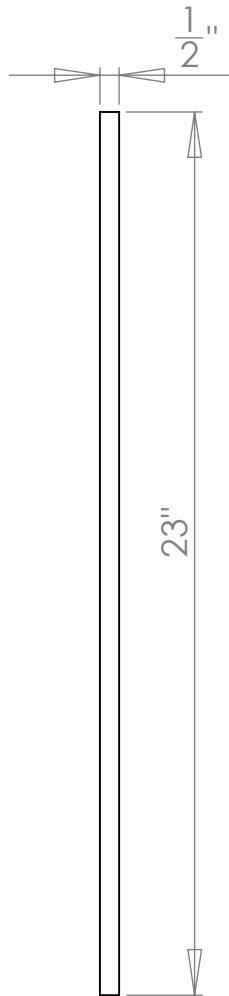
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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE:
		TOLERANCES:	CHECKED		Joining 4x4 Beam
		FRACTIONAL: $\pm 1/32$	ENG APPR.		(make 1x)
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$	MFG APPR.		SIZE DWG. NO. REV
		TWO PLACE DECIMAL ± 0.01			A TableParts
		THREE PLACE DECIMAL ± 0.005			SCALE: 1:5 WEIGHT: SHEET 16 OF 18
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5			
		MATERIAL			
		FINISH			
		DO NOT SCALE DRAWING			
APPLICATION					



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:
		TOLERANCES:		CHECKED		Long Plywood
		FRACTIONAL $\pm 1/32$		ENG APPR.		(make 2x)
		ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$		MFG APPR.		SIZE DWG. NO. REV
		TWO PLACE DECIMAL ± 0.01				A TableParts
		THREE PLACE DECIMAL ± 0.005				SCALE: 1:15 WEIGHT: SHEET 17 OF 18
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5				
		MATERIAL				
		FINISH				
		DO NOT SCALE DRAWING				
APPLICATION						



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:	
		TOLERANCES:		CHECKED		End Plywood	
		FRACTIONAL ±1/32		ENG APPR.		(make 2x)	
		ANGULAR: MACH ±0.5° BEND ±1.0°		MFG APPR.		SIZE	DWG. NO.
		TWO PLACE DECIMAL ±0.01				A TableParts	
		THREE PLACE DECIMAL ±0.005				SCALE: 1:5	WEIGHT:
		INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5				SHEET 18 OF 18	
		MATERIAL					REV
		FINISH					
		DO NOT SCALE DRAWING					
APPLICATION							