

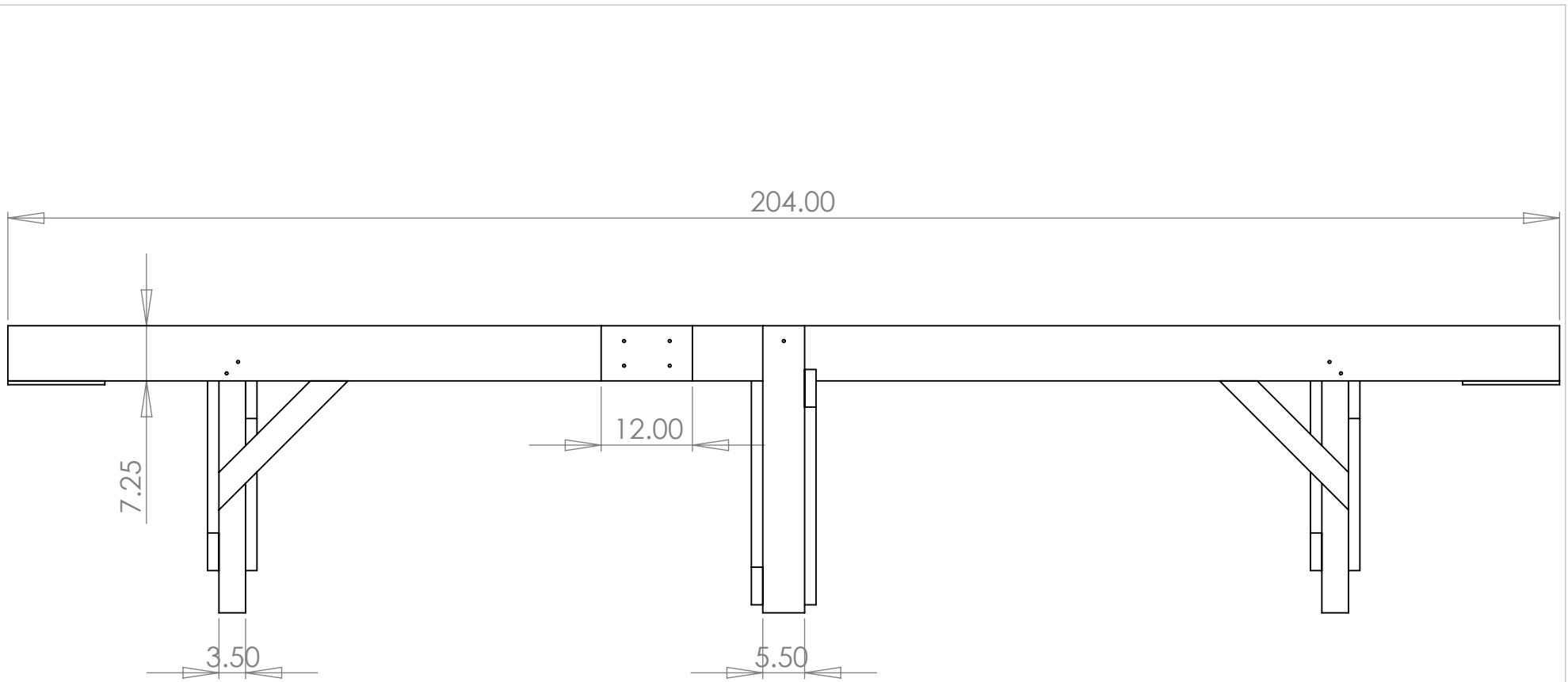
# Instructions to build the ULTIMATE Carpetball Table



All plans (c) Matthew Campbell 2008  
 Email: [matthew.campbell@stanford.edu](mailto:matthew.campbell@stanford.edu)  
 Web: [www.mcampbell.info/carpetball/](http://www.mcampbell.info/carpetball/)

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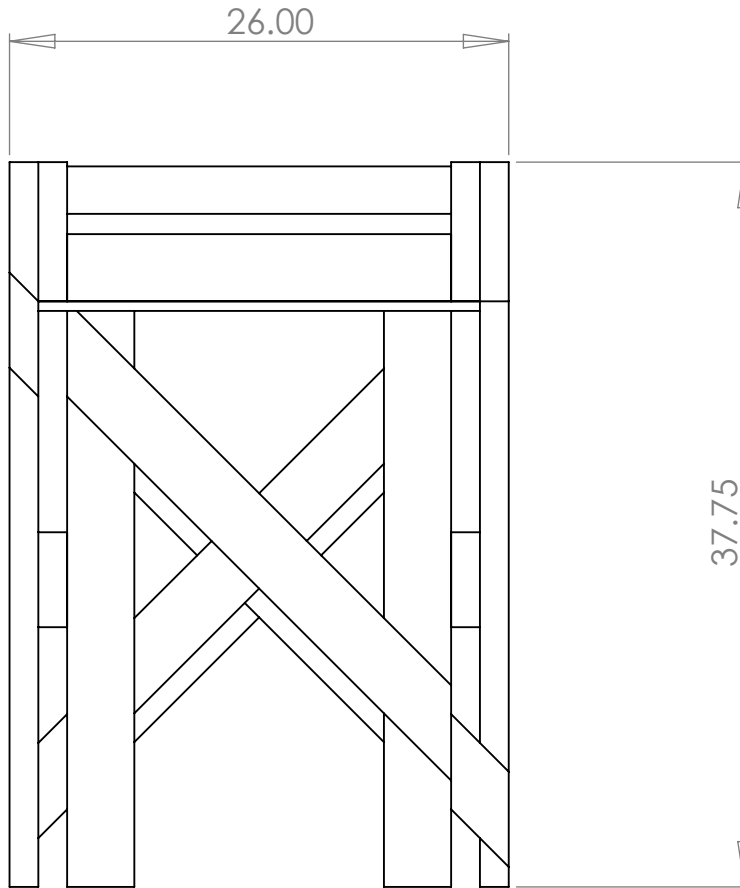
		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES	DRAWN	12/18/08	TITLE:	
		TOLERANCES:	CHECKED		Carpetball Table	
		FRACTIONAL ±	ENG APPR.		SIZE DWG. NO. REV	
		ANGULAR: MACH ± BEND ±	MFG APPR.		TableInstructions	
		TWO PLACE DECIMAL ±	Q.A.		SCALE: 1:20 WEIGHT: SHEET 1 OF 15	
		THREE PLACE DECIMAL ±	COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:				
		MATERIAL				
NEXT ASSY	USED ON	FINISH				
APPLICATION		DO NOT SCALE DRAWING				



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

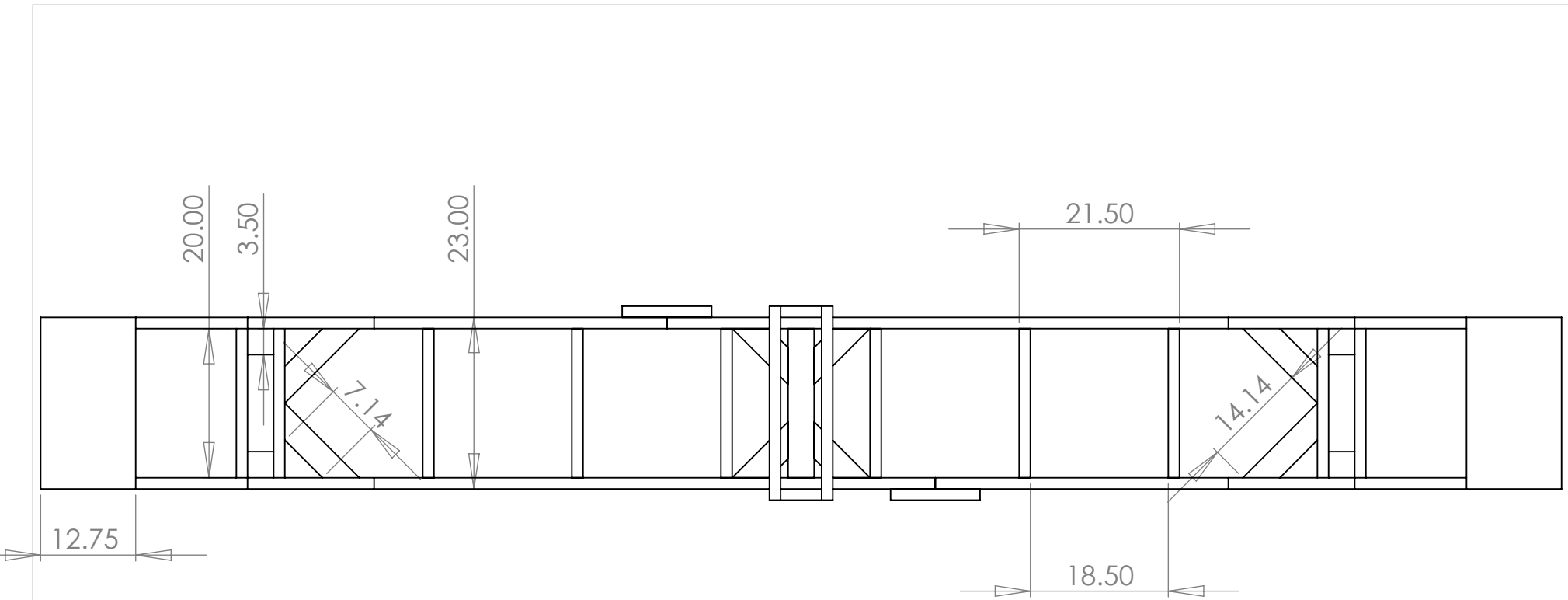
Matthew Campbell		
TITLE:		
Side View of Table		
SIZE	DWG. NO.	REV
<b>TableInstructions</b>		
SCALE: 1:20	WEIGHT:	SHEET 2 OF 15



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

Matthew Campbell		
TITLE:		
Front View of Table		
SIZE	DWG. NO.	REV
<b>TableInstructions</b>		
SCALE: 1:10	WEIGHT:	SHEET 3 OF 15



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		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

Matthew Campbell		
TITLE:		
Bottom View of Table		
SIZE	DWG. NO.	REV
<b>TableInstructions</b>		
SCALE: 1:20	WEIGHT:	SHEET 4 OF 15

5

4

3

2

1

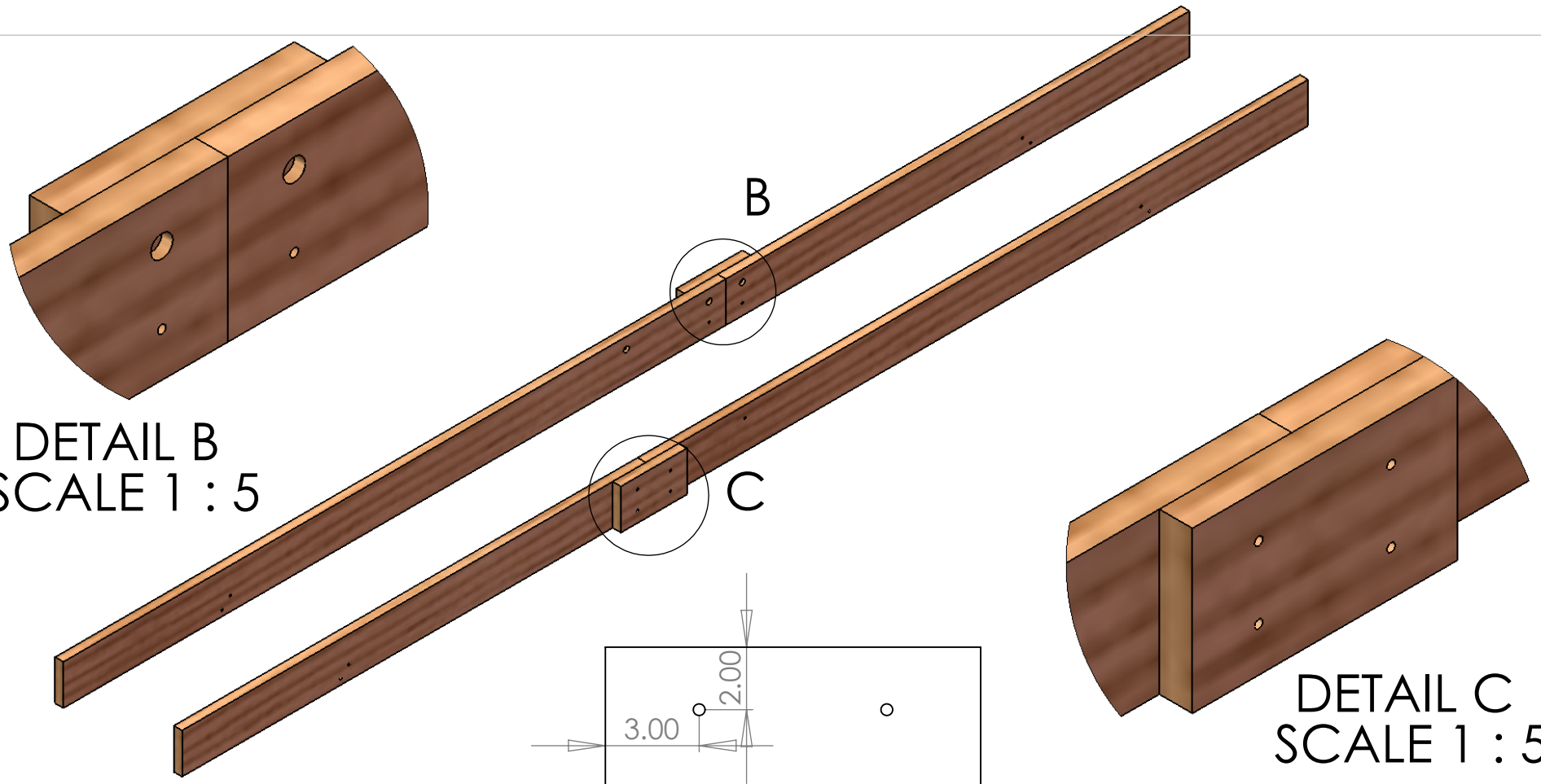


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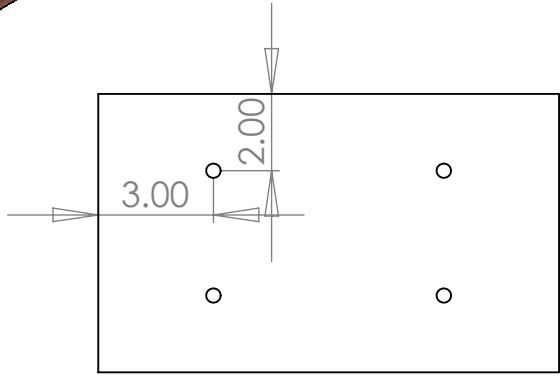
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		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

Matthew Campbell		
TITLE:		
Lay out side beams		
SIZE	DWG. NO.	REV
<b>TableInstructions</b>		
SCALE: 1:20	WEIGHT:	SHEET 5 OF 15

DETAIL B  
SCALE 1 : 5



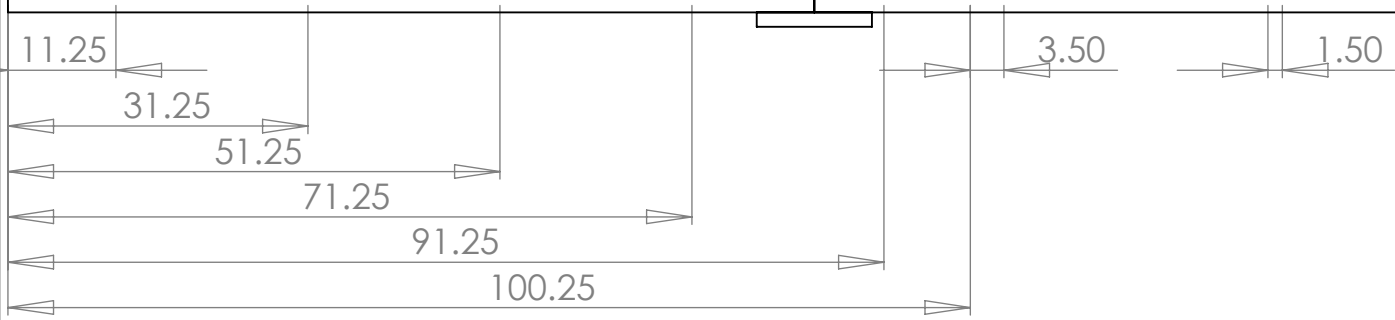
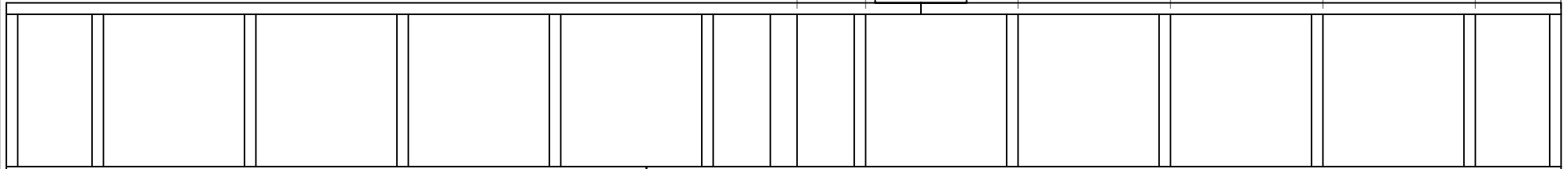
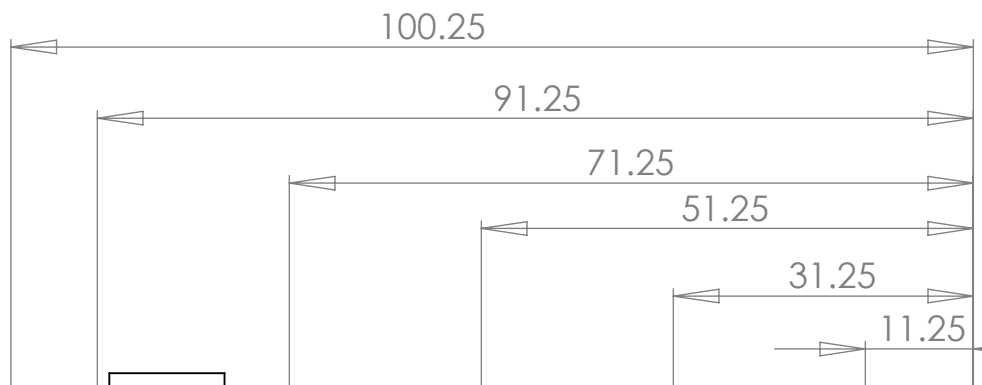
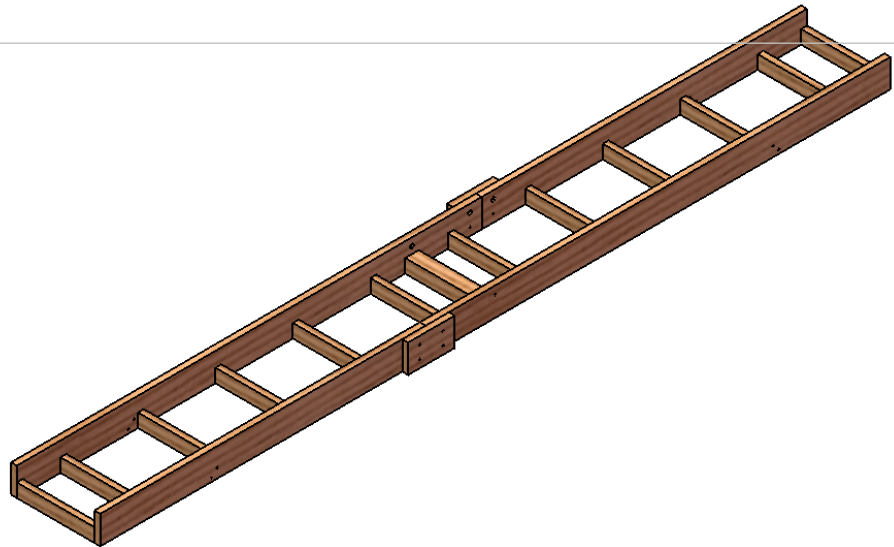
DETAIL C  
SCALE 1 : 5



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

Matthew Campbell		
TITLE:		
Connect side beams		
SIZE	DWG. NO.	REV
TableInstructions		
SCALE: 1:20	WEIGHT:	SHEET 6 OF 15

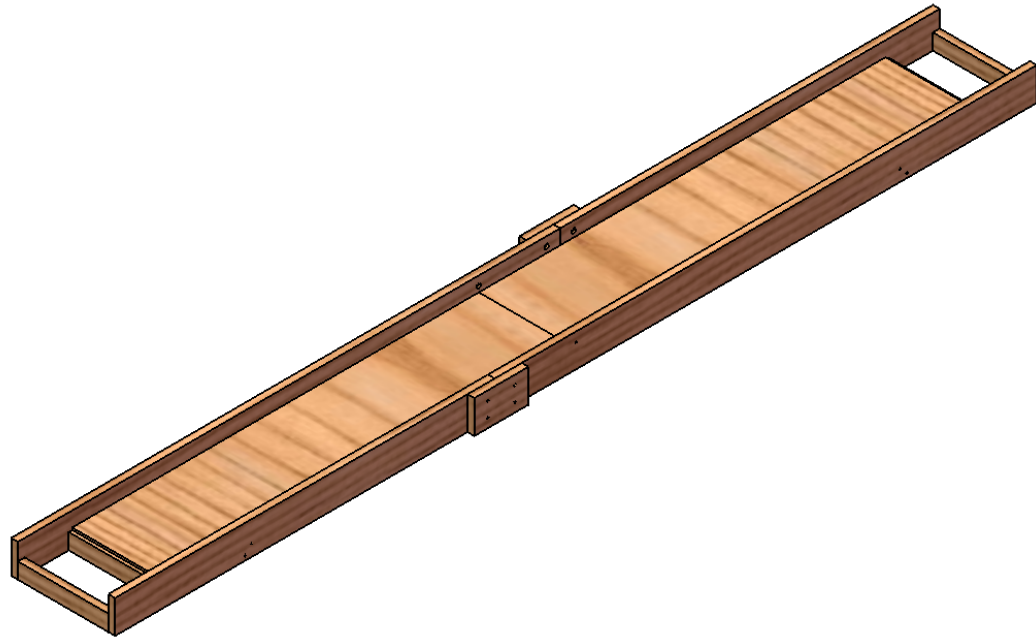
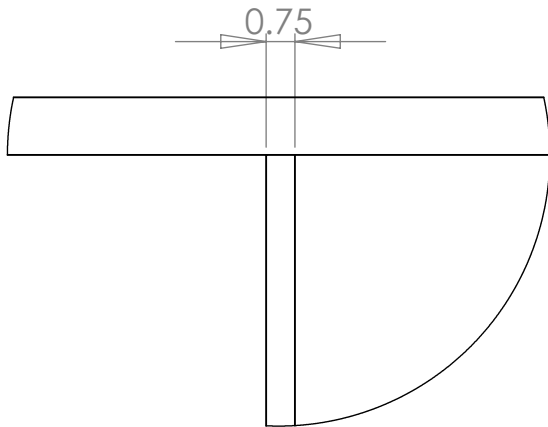
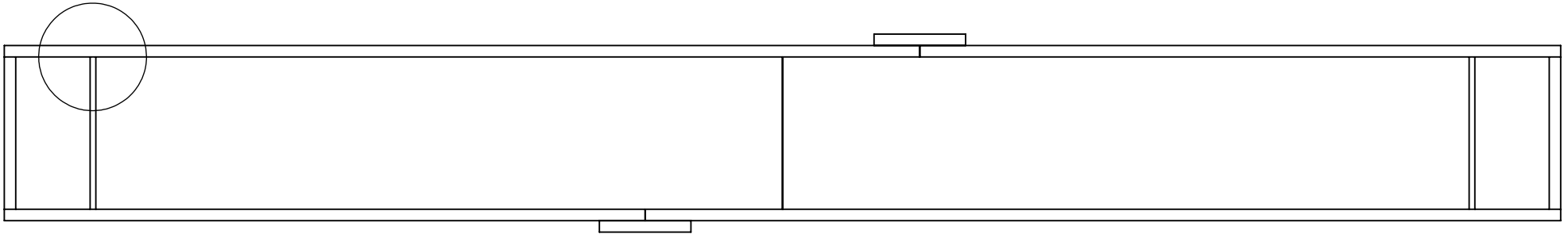


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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

Matthew Campbell		
TITLE:		
Lay out bottom cross beams		
SIZE	DWG. NO.	REV
<b>TableInstructions</b>		
SCALE: 1:20	WEIGHT:	SHEET 7 OF 15

G



# DETAIL G

## SCALE 1 : 5

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

Matthew Campbell		
TITLE:		
Place long plywood		
SIZE	DWG. NO.	REV
<b>TableInstructions</b>		
SCALE: 1:20	WEIGHT:	SHEET 8 OF 15

5

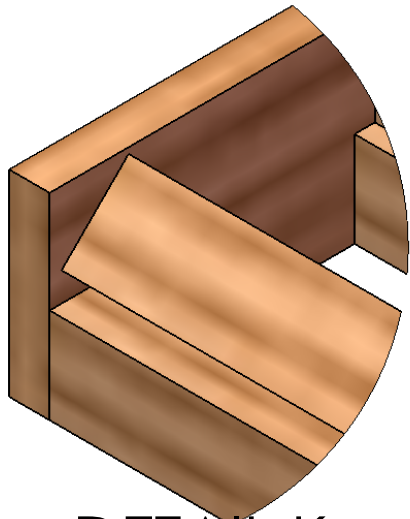
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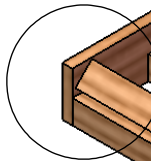
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DETAIL K  
SCALE 1 : 5

K



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:
		TOLERANCES:		CHECKED		Add end ball stop 2x4 beams
		FRACTIONAL ±		ENG APPR.		
		ANGULAR: MACH ± BEND ±		MFG APPR.		
		TWO PLACE DECIMAL ±		Q.A.		
		THREE PLACE DECIMAL ±		COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE DWG. NO. REV
		MATERIAL				<b>TableInstructions</b>
		FINISH				SCALE: 1:20 WEIGHT: SHEET 9 OF 15
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING			

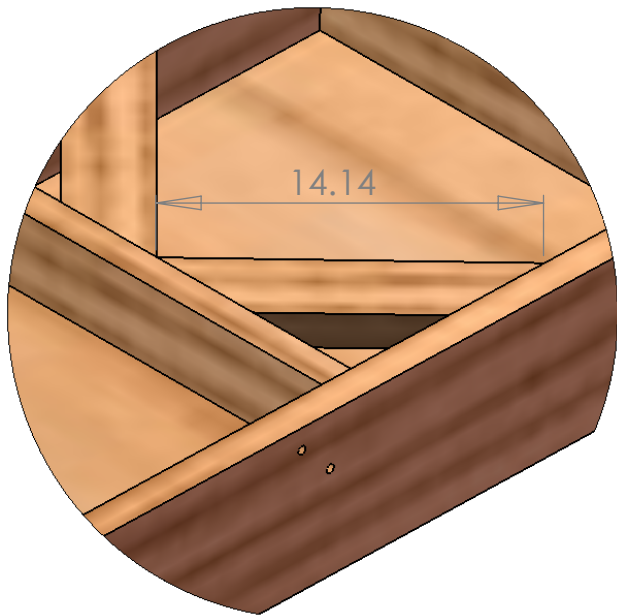
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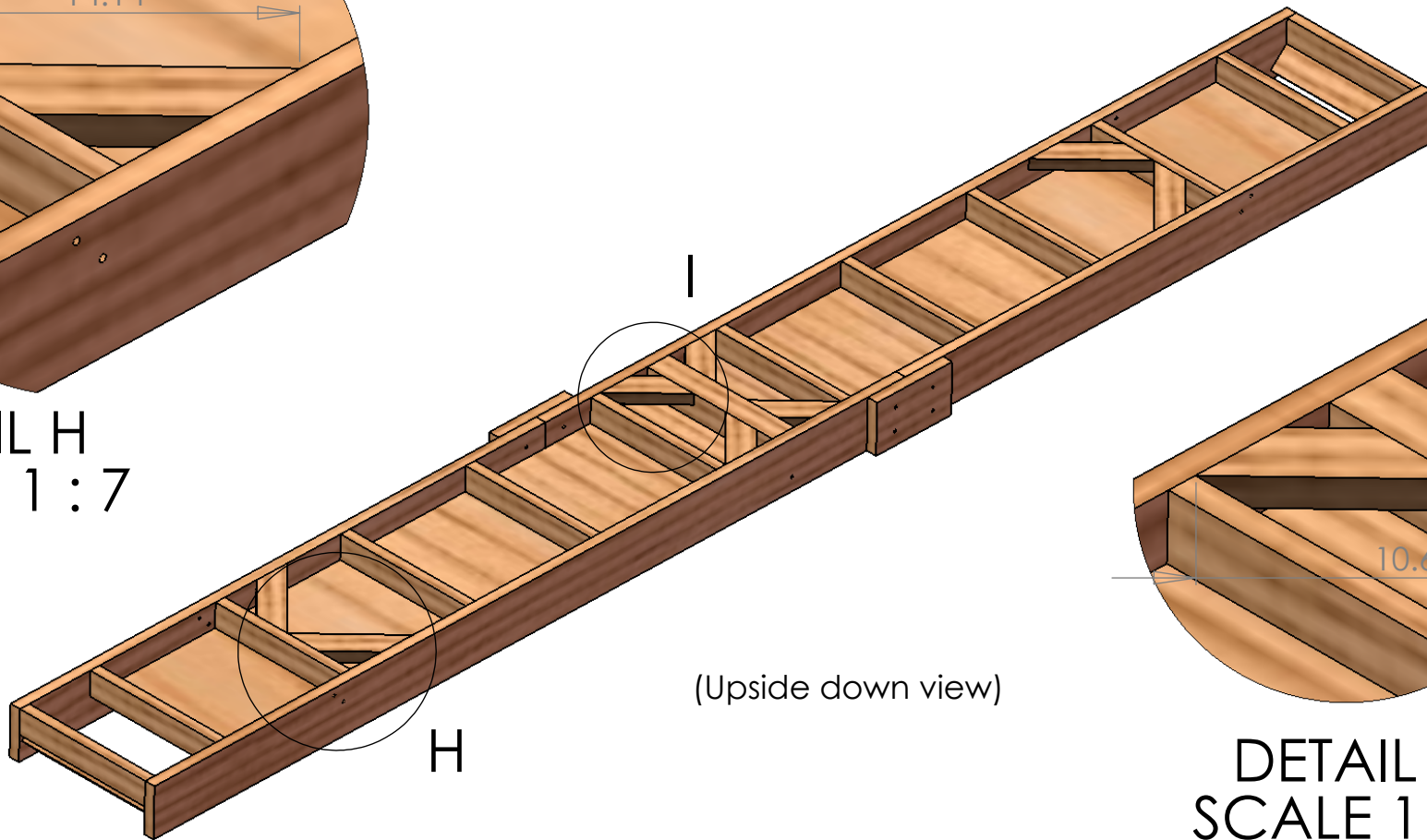
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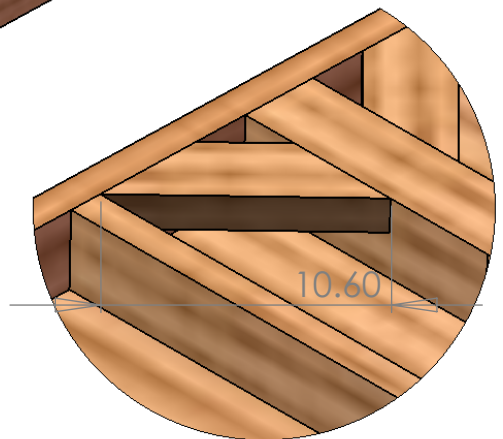
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DETAIL H  
SCALE 1 : 7



(Upside down view)

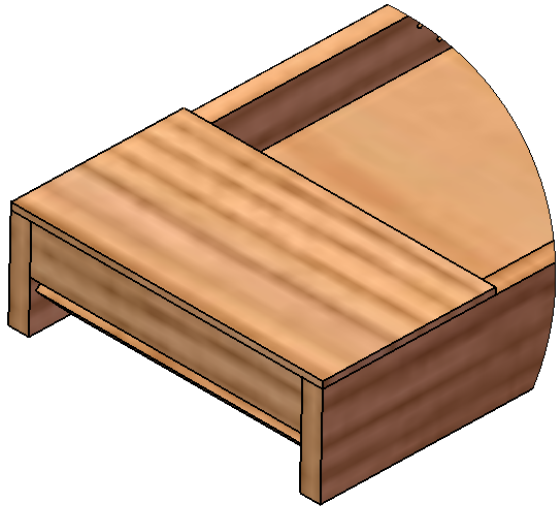


DETAIL I  
SCALE 1 : 7

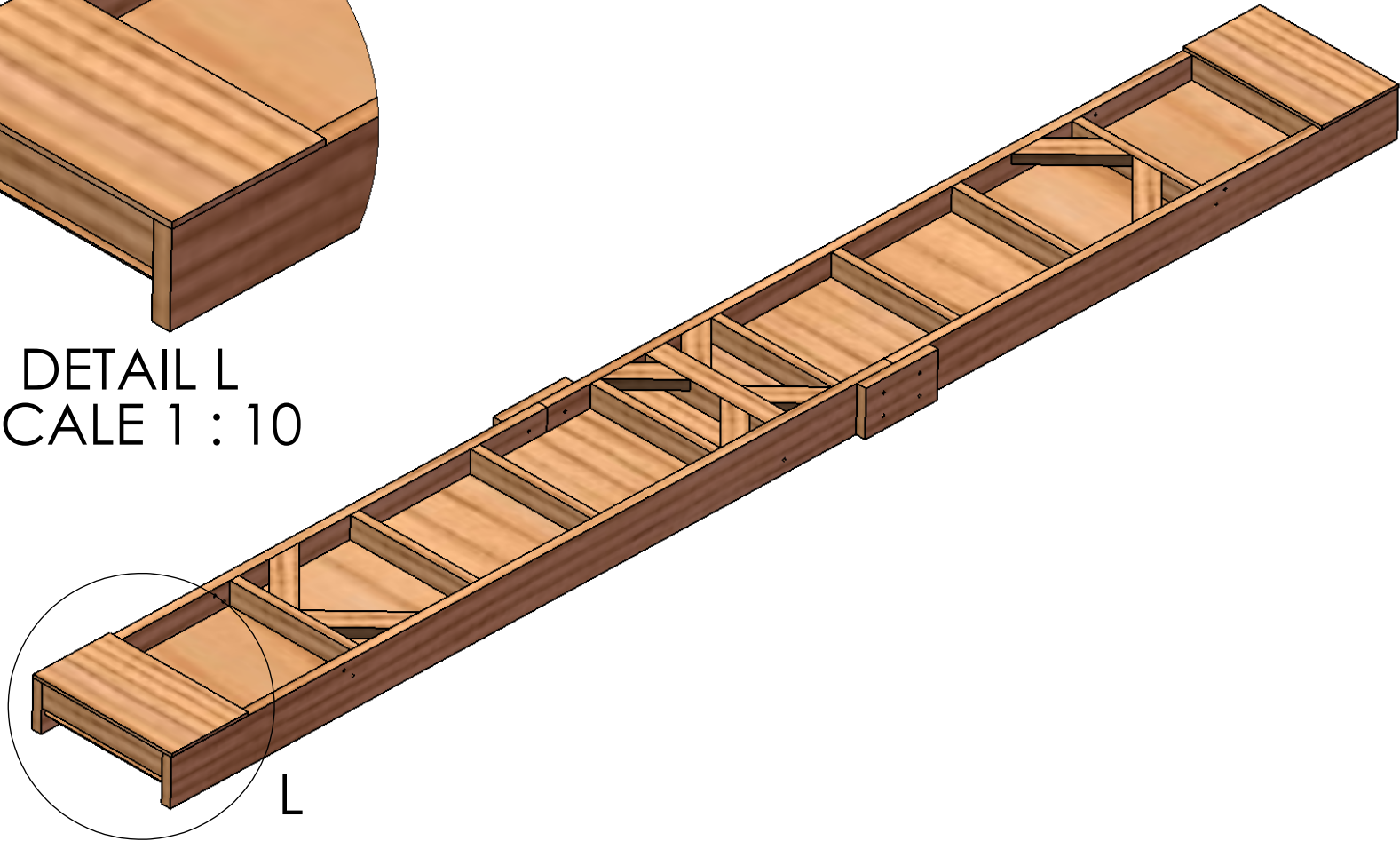
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
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		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

Matthew Campbell		
TITLE: Add angle pieces		
SIZE	DWG. NO.	REV
<b>TableInstructions</b>		
SCALE: 1:20	WEIGHT:	SHEET 10 OF 15



DETAIL L  
SCALE 1 : 10

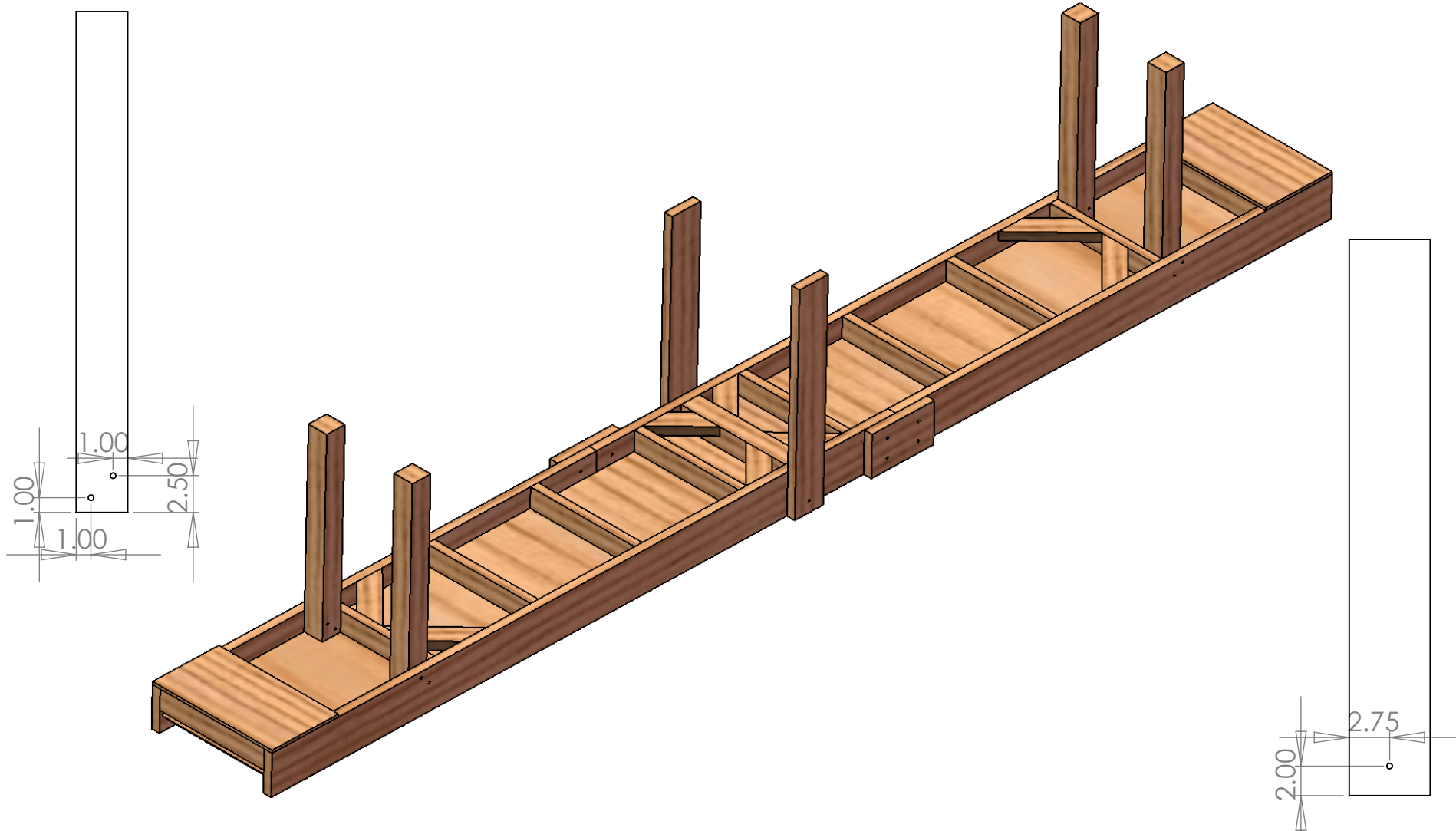


L

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

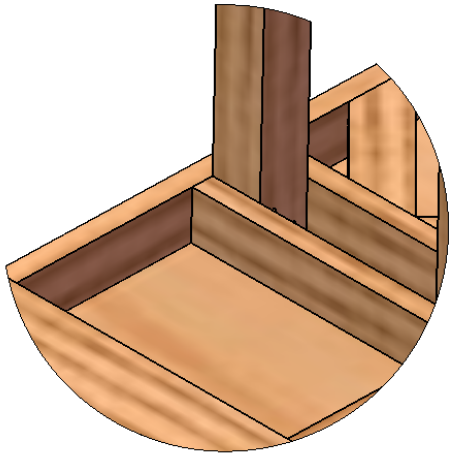
Matthew Campbell		
TITLE:		
Add end plywood		
SIZE	DWG. NO.	REV
TableInstructions		
SCALE: 1:20	WEIGHT:	SHEET 11 OF 15



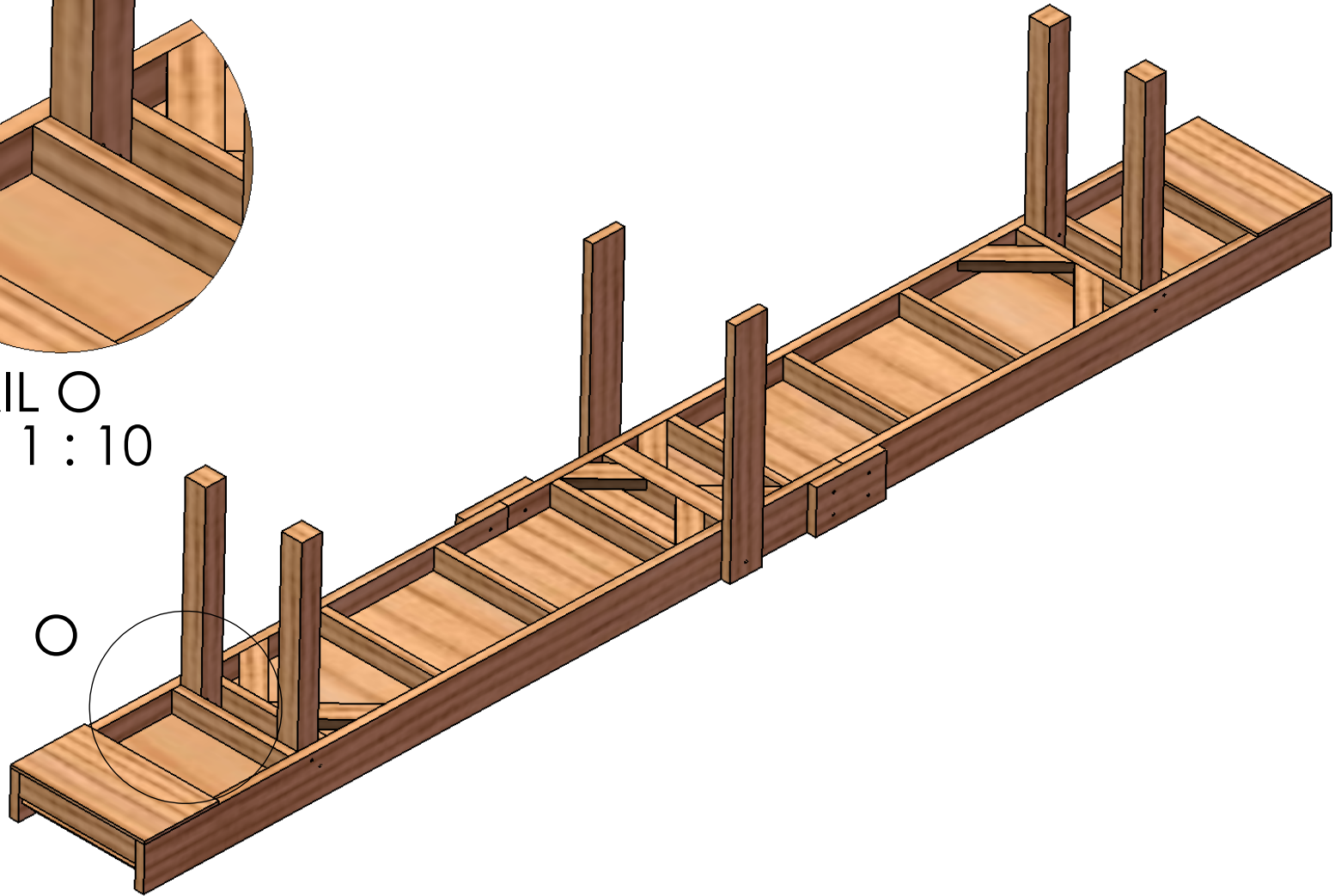
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		DIMENSIONS ARE IN INCHES	DRAWN	
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		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		FINISH		
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

Matthew Campbell		
TITLE:		
Add end and middle legs		
SIZE	DWG. NO.	REV
<b>TableInstructions</b>		
SCALE: 1:20	WEIGHT:	SHEET 12 OF 15



DETAIL O  
SCALE 1 : 10



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE:	
		TOLERANCES:	CHECKED		Place 2x4 leg support struts	
		FRACTIONAL ±	ENG APPR.		SIZE DWG. NO. REV	
		ANGULAR: MACH ± BEND ±	MFG APPR.		TableInstructions	
		TWO PLACE DECIMAL ±	Q.A.		SCALE: 1:20 WEIGHT: SHEET 13 OF 15	
		THREE PLACE DECIMAL ±	COMMENTS:			
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		FINISH				
NEXT ASSY	USED ON	APPLICATION				
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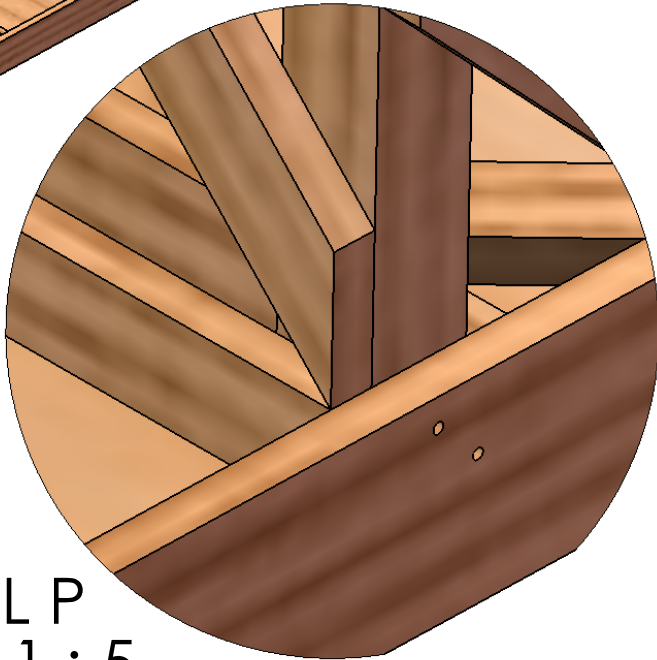
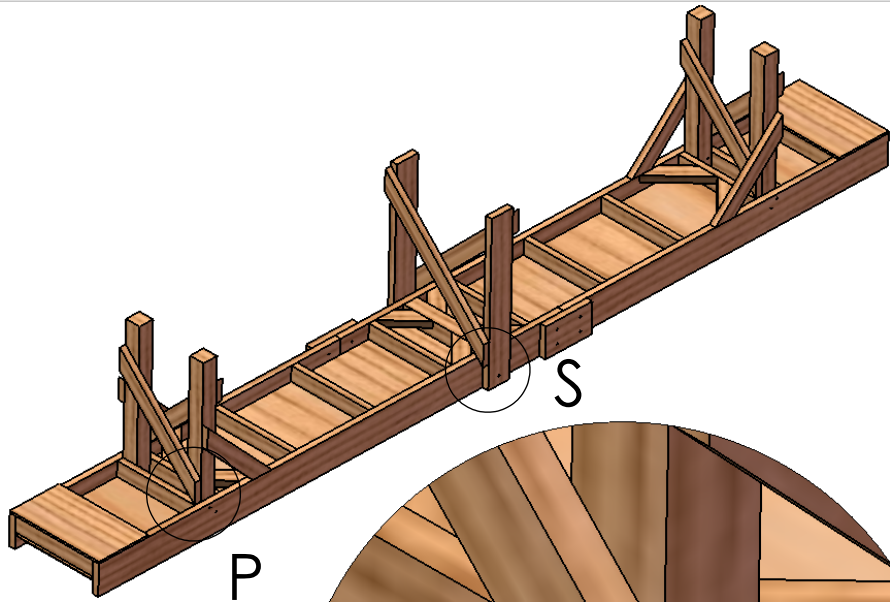
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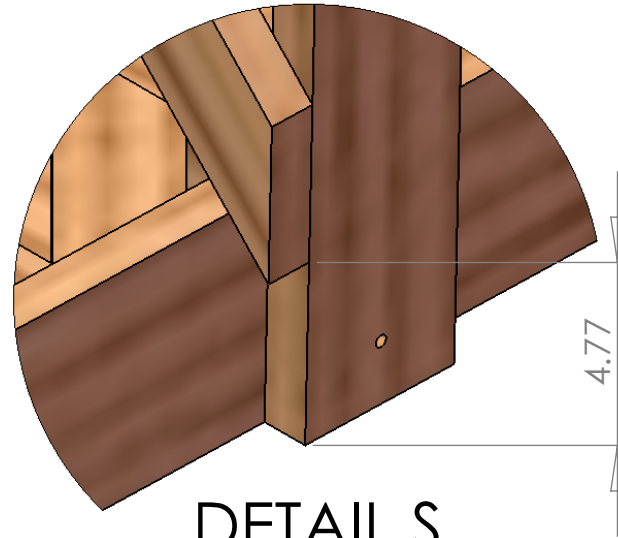
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2

1



DETAIL P  
SCALE 1 : 5



DETAIL S  
SCALE 1 : 5

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:
		TOLERANCES:		CHECKED		Add leg supports
		FRACTIONAL ±		ENG APPR.		
		ANGULAR: MACH ± BEND ±		MFG APPR.		
		TWO PLACE DECIMAL ±		Q.A.		
		THREE PLACE DECIMAL ±		COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE DWG. NO. REV
		MATERIAL				<b>TableInstructions</b>
NEXT ASSY	USED ON	FINISH				SCALE: 1:20 WEIGHT: SHEET 14 OF 15
	APPLICATION	DO NOT SCALE DRAWING				



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Matthew Campbell	
		DIMENSIONS ARE IN INCHES		DRAWN		TITLE:	
		TOLERANCES:		CHECKED		Varnish table, add carpet,	
		FRACTIONAL ±		ENG APPR.		draw on ball lines	
		ANGULAR: MACH ± BEND ±		MFG APPR.			
		TWO PLACE DECIMAL ±		Q.A.			
		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.
		MATERIAL				TableInstructions	
		FINISH				REV	
NEXT ASSY	USED ON						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:20 WEIGHT: SHEET 15 OF 15	

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4

3

2

1