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TITLE:

# Spica Chair

SIZE		DWG. NO.		REV
<b>A</b>				
SCALE: 1:8		WEIGHT:		SHEET 1 OF 1

### Material Requirements

1 qty 4 X 8 sheet of 1/2 inch plywood  
1 length of 1 x 2 board

### Tools Required:

Scroll saw  
power drill  
1/8 drill bit  
skill saw  
belt sander  
1 inch spade bit  
8 qty #10 wood screws  
wood glue  
pencil  
tape measure  
piece of string to create archs for design

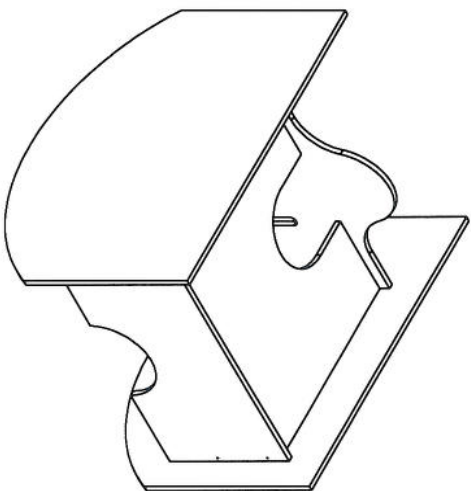
As with all furniture for children: never leave a child unattended while using your spica chair. Design of this chair requires the use of a three point harness at all times. These prints are designed to aid a parent with building their own chair for their child and are not intended for commercial use. Use of these prints to build a chair are done at parents risk. Aussie-tatteredangel or it's owners assumes no responsibility for safety of chair built using these prints.

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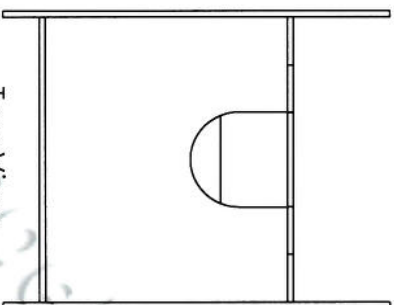
TITLE:

## Spica Chair

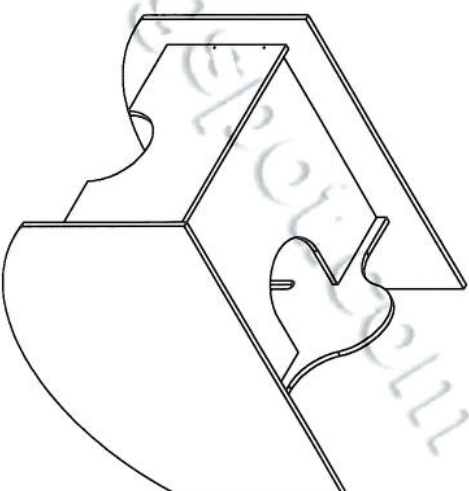
SIZE		DWG. NO.		REV
<b>A</b>				
SCALE: 1:8		WEIGHT:		SHEET 1 OF 1



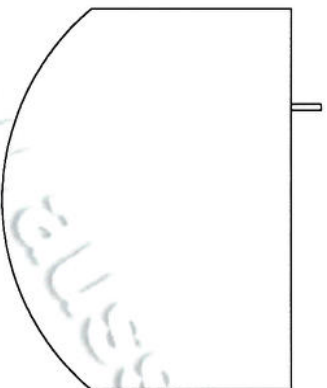
Isometric View



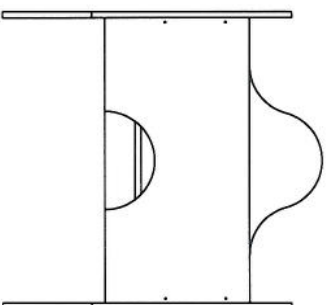
Top View



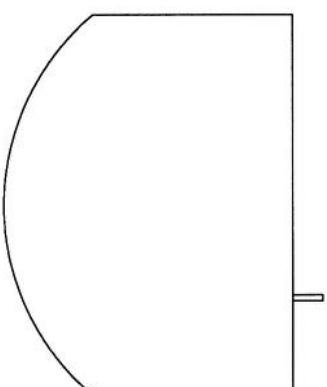
Isometric View



Side View



Front View



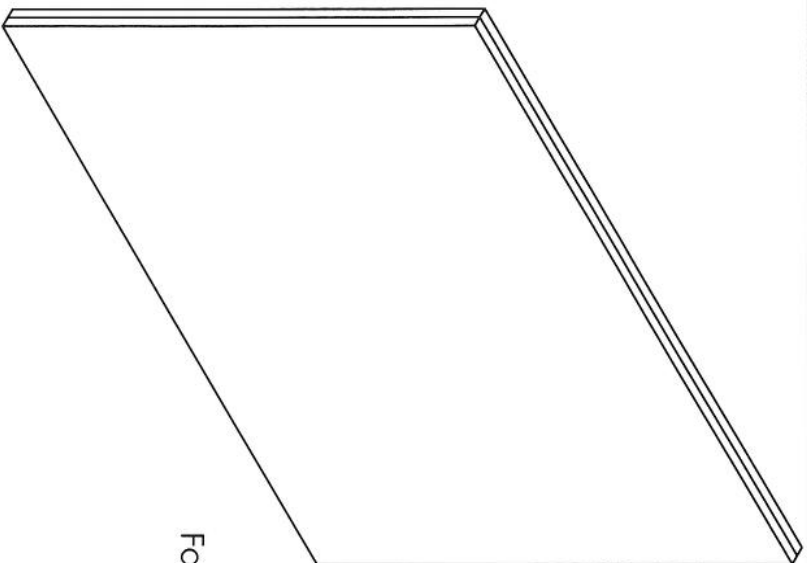
Side View

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# Spica Chair

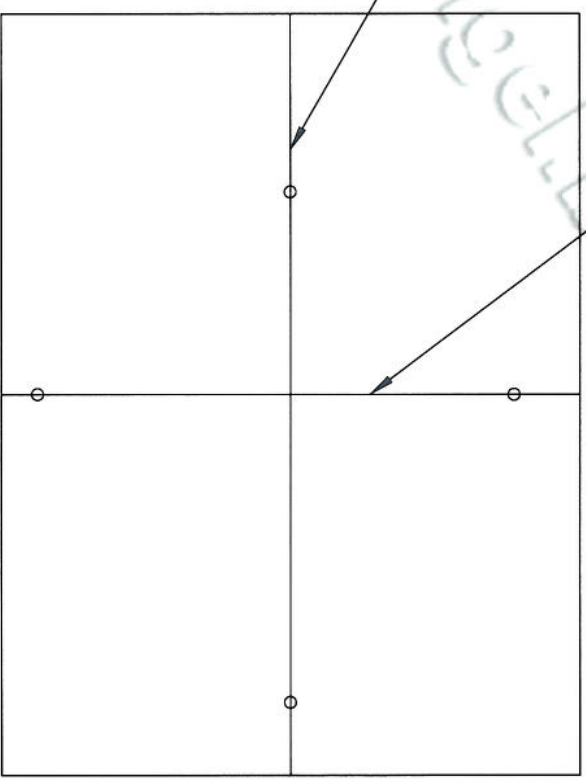
SIZE	DWG. NO.	REV
<b>A</b>	Spica Chair	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1



Drawn lines on one side of each board



Fasten together with screws



To start chair take two boards cut at 32 inches by 24 inches and fasten together with four or more screws. Layout pattern on one side. Using a scroll or jigsaw cut pattern per right and left side print. Use pencil to drawn a line down center of board and across the board. This will be used to layout sides later when attaching 1 x 2 boards to sides.

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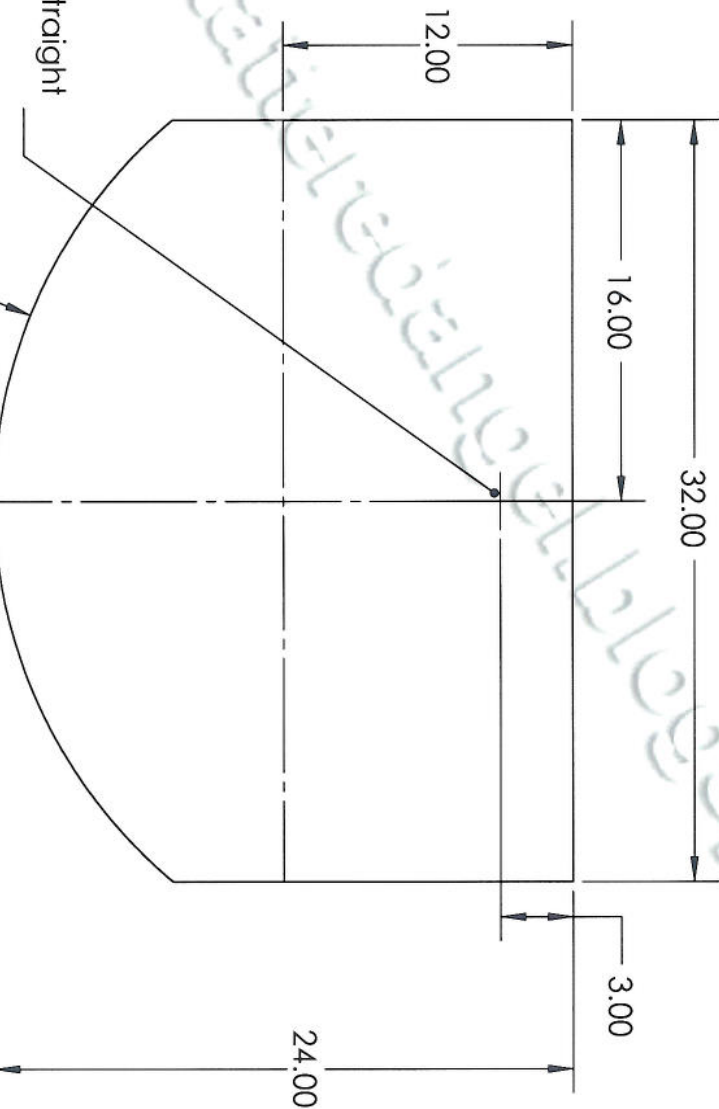
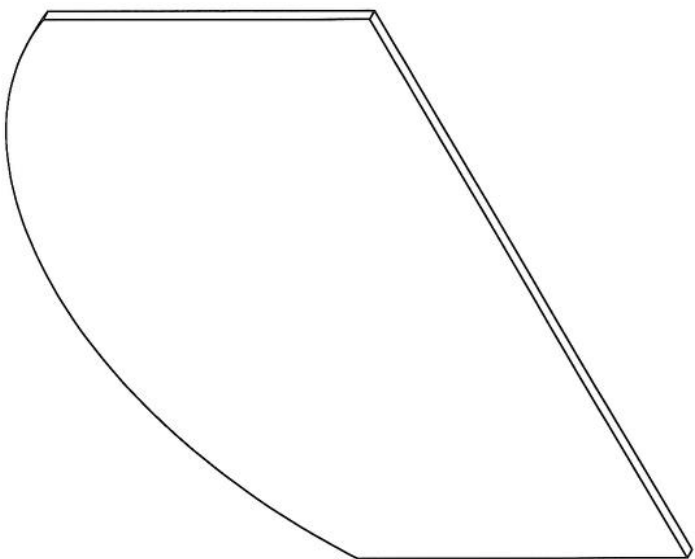
TITLE:

# Spica Chair

SIZE	DWG. NO.	REV
<b>A</b>	Shaping sides	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1



To create both right and left side pieces at same time keep pieces screwed together until both sides are completely cut and shaped. Do not remove screws until ready to glue and nail 1 X 2 pieces on sides with lines drawn.



Holding string at this point and pencil on the bottom edge per dimension, create arch by holding pencil against string as straight as possible.

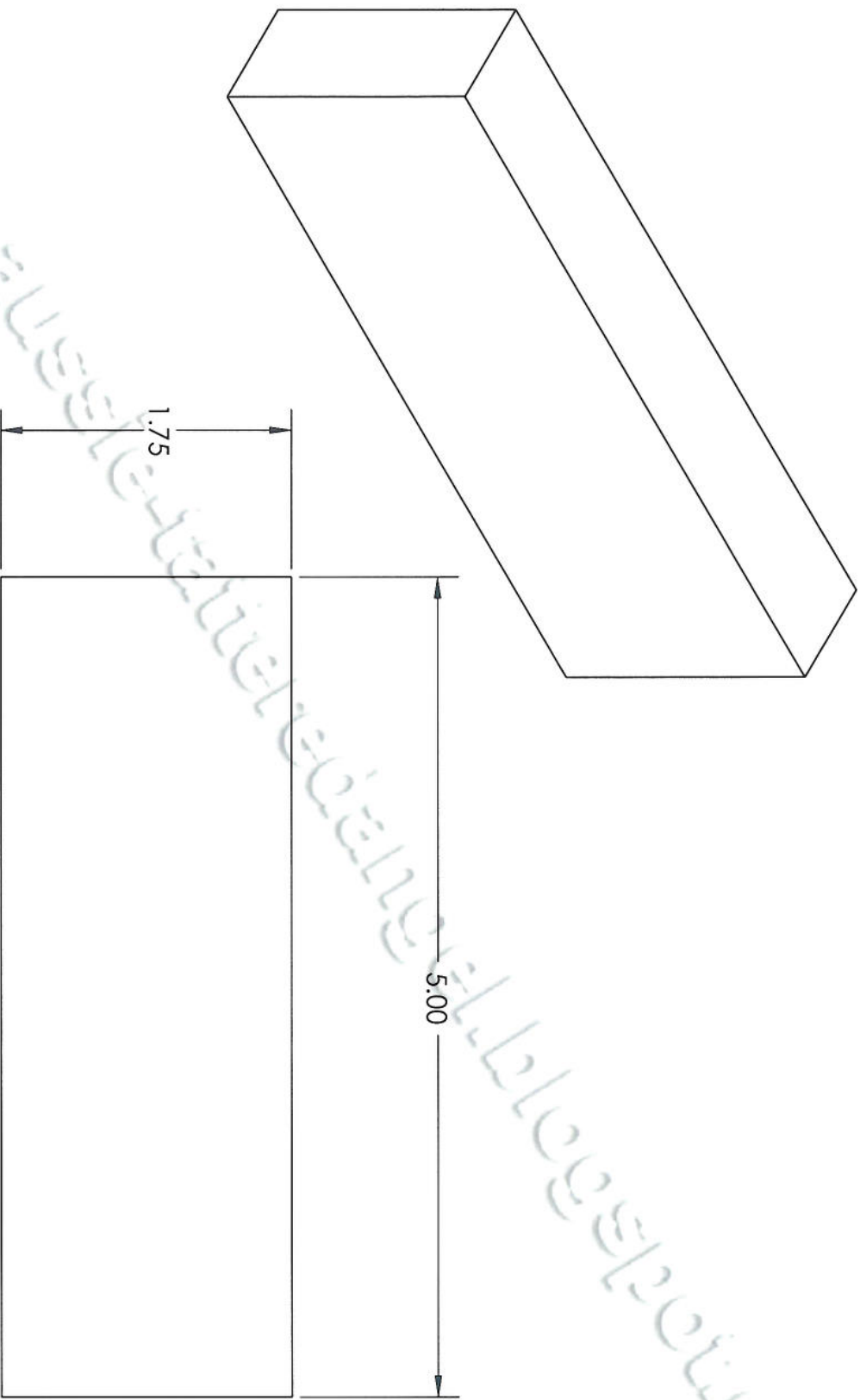
After cutting shape, with both sides still screwed together, take belt sander and sand edges so both pieces match.

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TITLE:

# Spica Chair

SIZE	DWG. NO.	REV
A	R/L Sides	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1



Cut a total of 12 blocks to nail and glue to chair sides

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Spica Chair

SIZE DWG. NO.

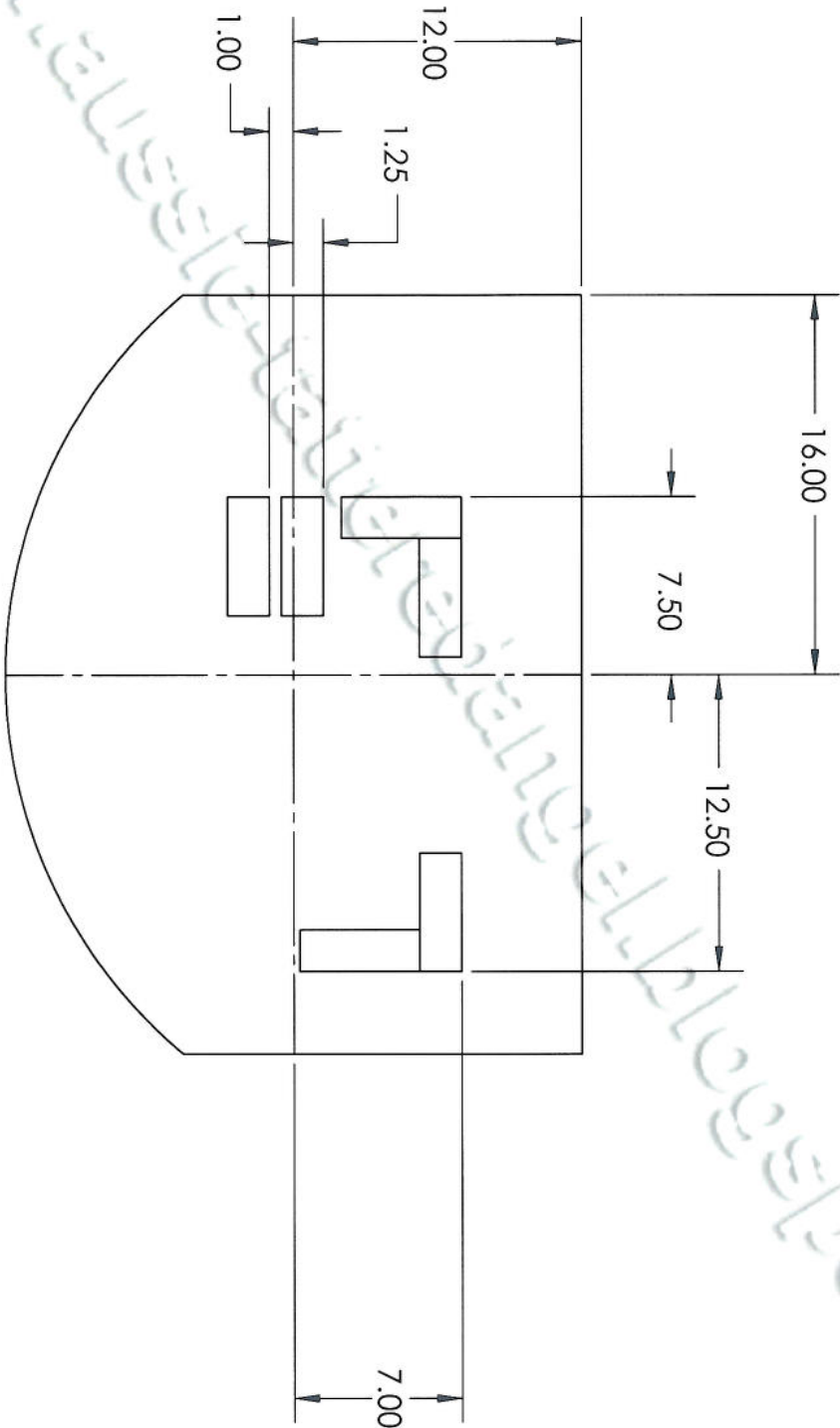
A 1 x2 blocks

REV

SCALE: 1:8 WEIGHT:

SHEET 1 OF 1

Layout right side of chair attaching 1 X 2 pieces with glue and nails  
per dimensions. Two halves should mirror each other



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SIZE DWG. NO.

**A**

Right Side Layout

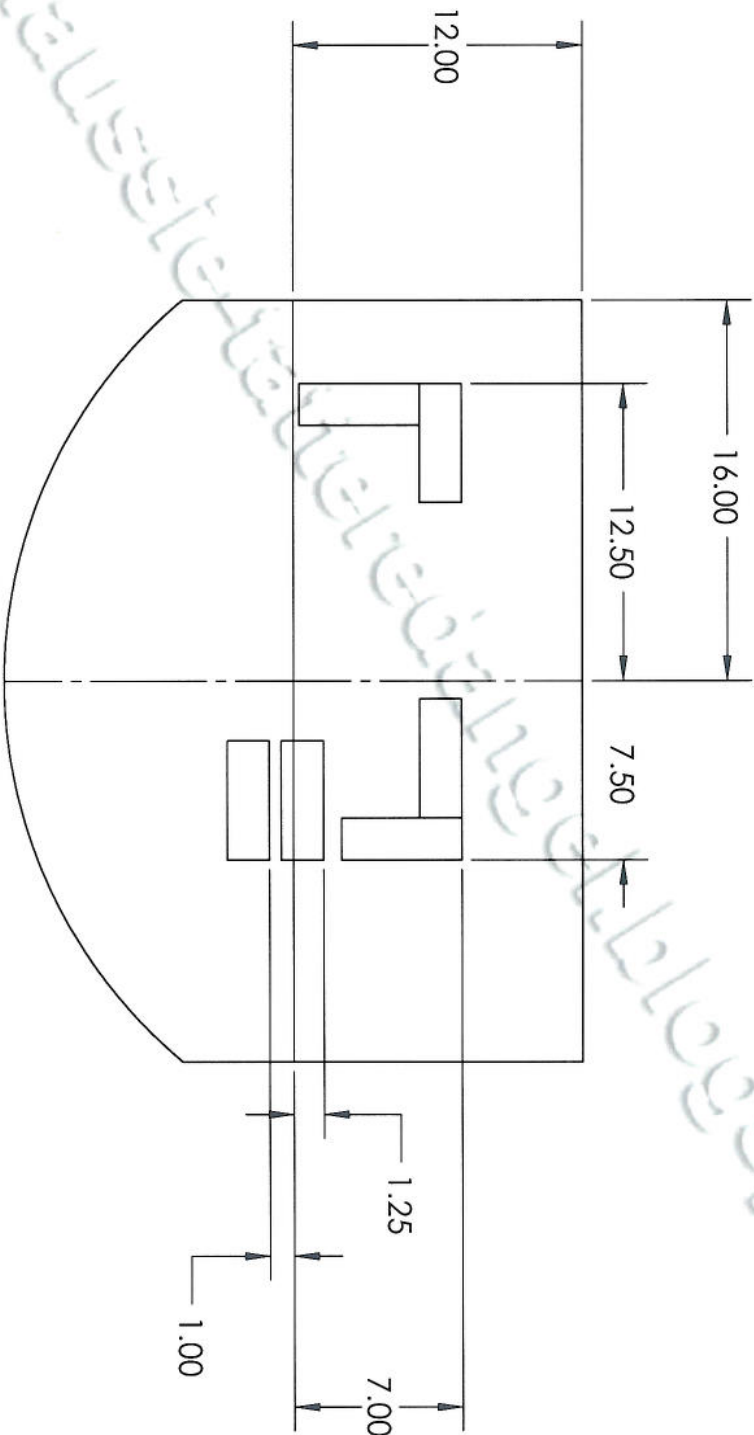
REV

SCALE: 1:8 WEIGHT:

SHEET 1 OF 1

Taking 1 x 2 pieces glue and nail to left side per dimensions

Before cutting shapes on sides when boards are uncut be sure to draw centerlines to measure from for board placement. Measurements will be calculated from center.



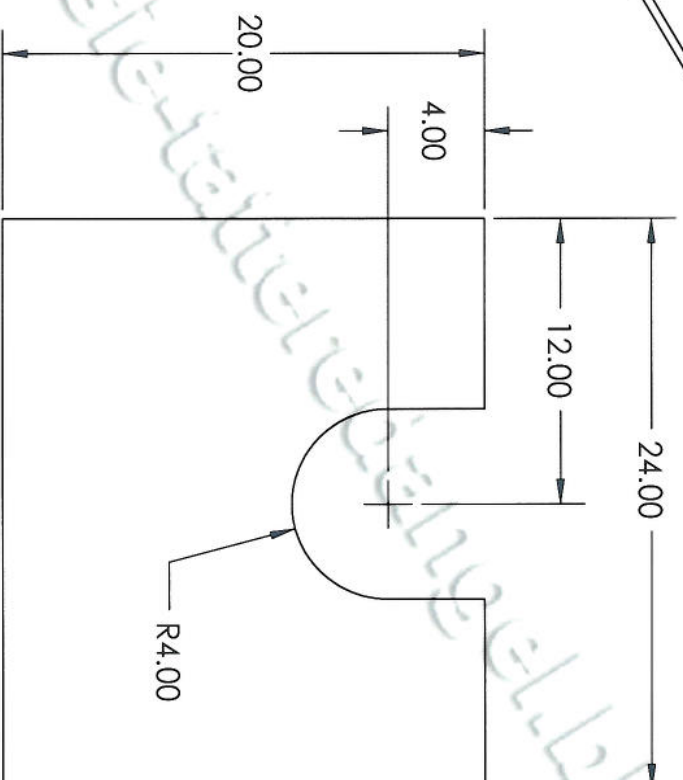
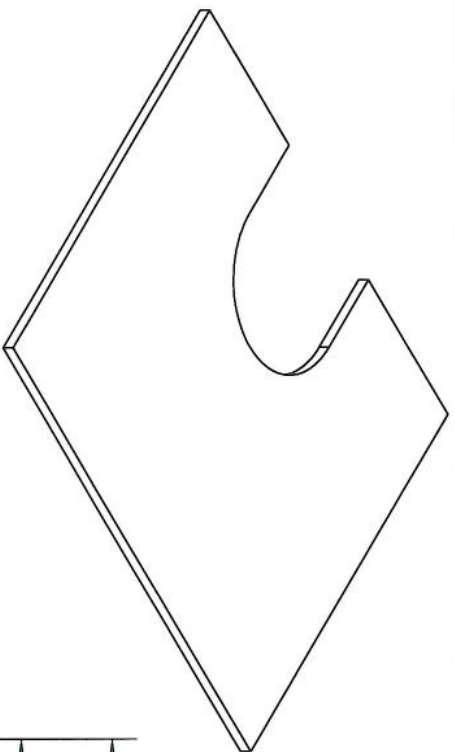
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TITLE:

# Spica Chair

SIZE	DWG. NO.	REV
A	Left Side Layout	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1





To create hole draw 8 inch circle at position shown, then draw line connecting each side of circle to edge of chair top to create shape as shown. Using scroll sawcut out shape.

NOTE: With the chair built the chair top will slide into place around the child once they are placed in the chair. This is how the child is loaded and unloaded into the chair for use. DO NOT FASTEN CHAIR TOP TO THE CHAIR. It is designed to be removable.

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TITLE:

# Spica Chair

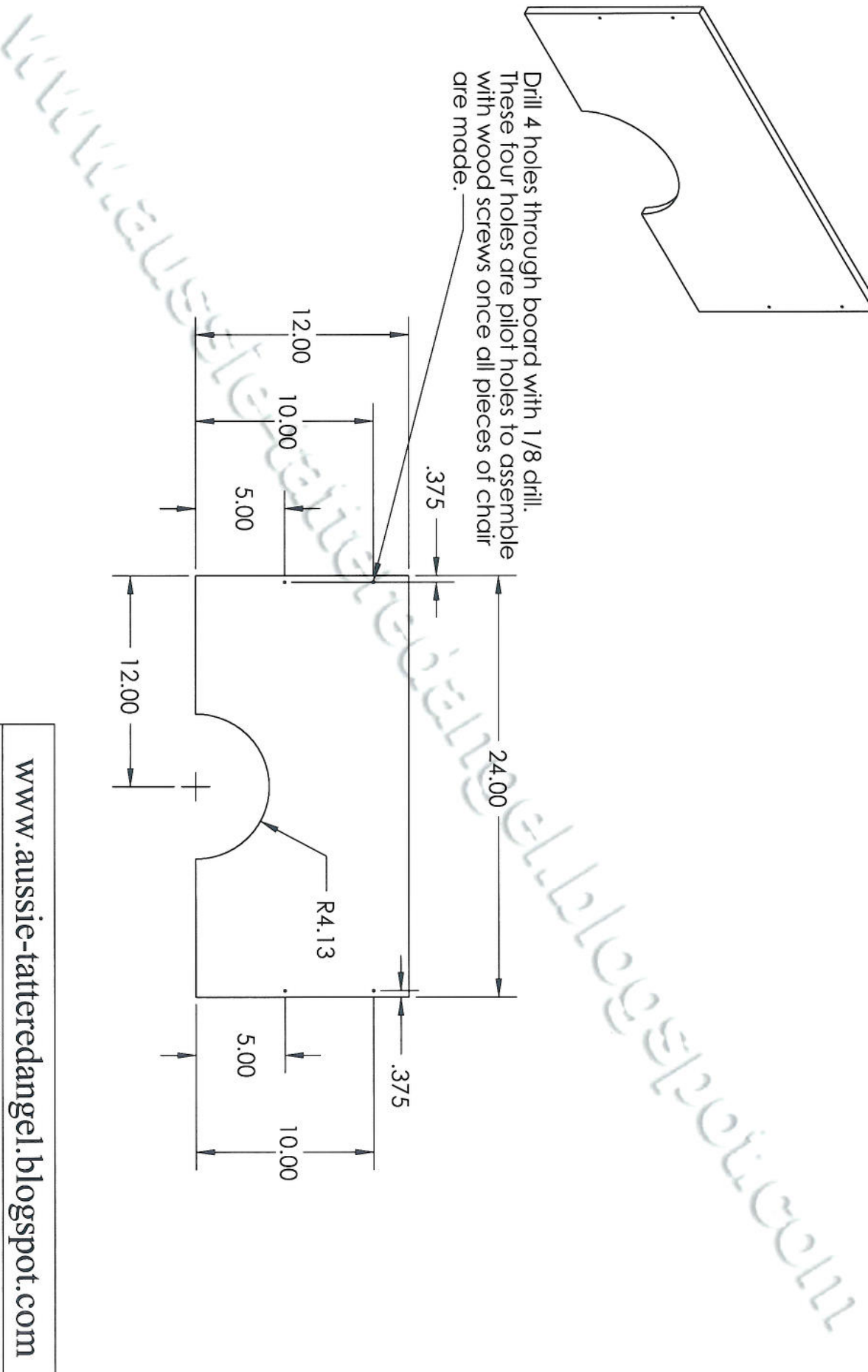
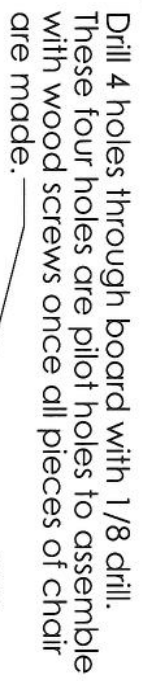
SIZE DWG. NO.

**A** Chair Top

REV

SCALE: 1:8 WEIGHT:

SHEET 1 OF 1

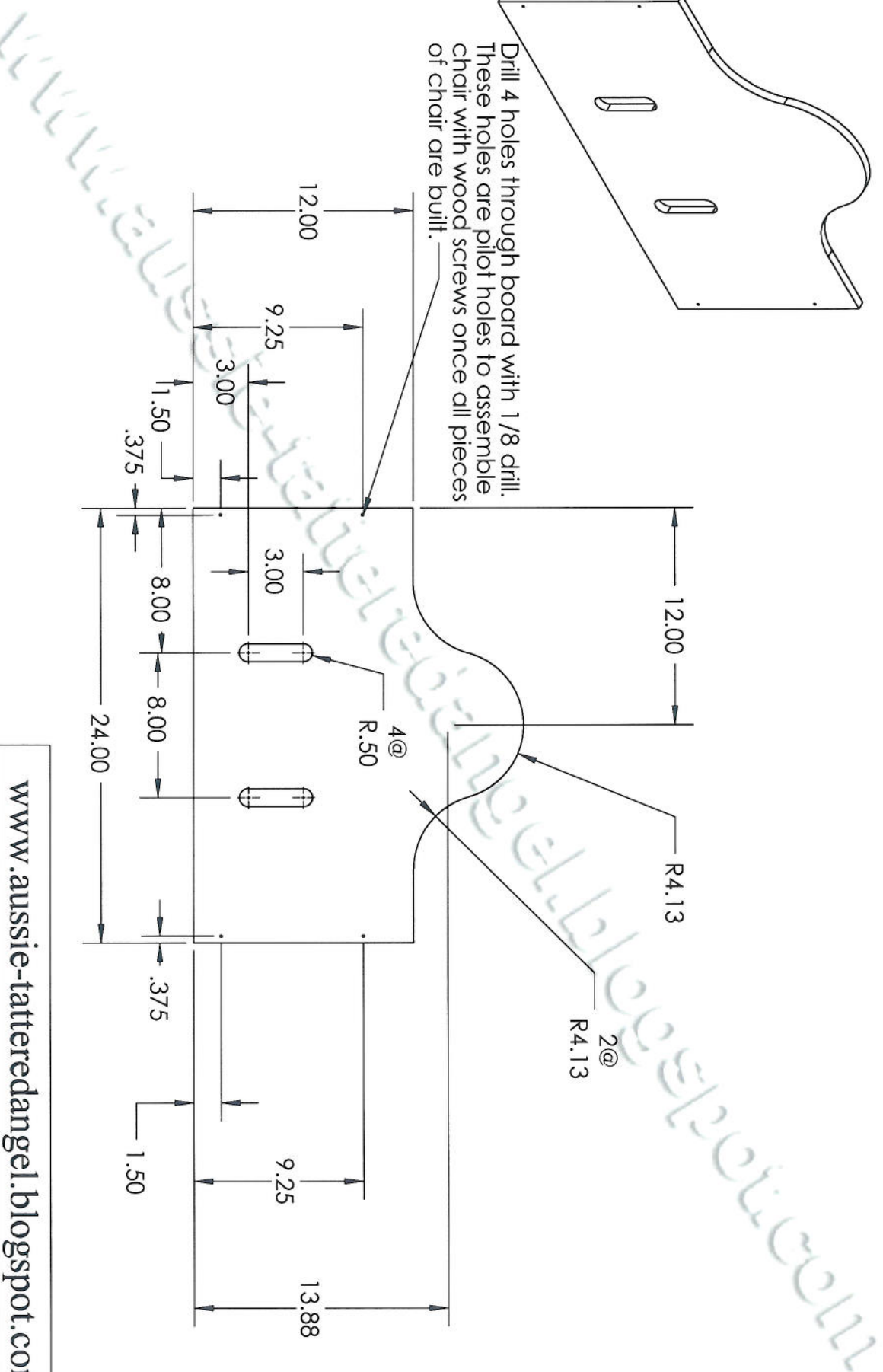
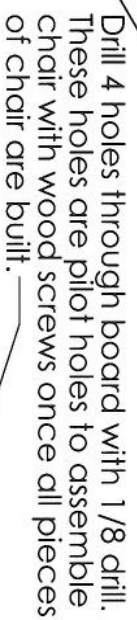


TITLE:

SIZE	DWG. NO.
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REV

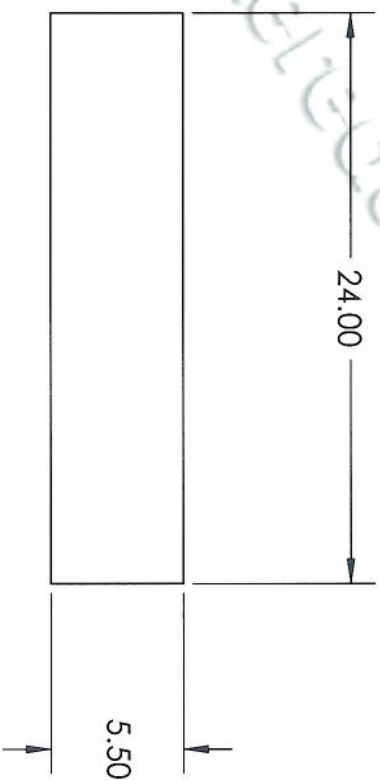
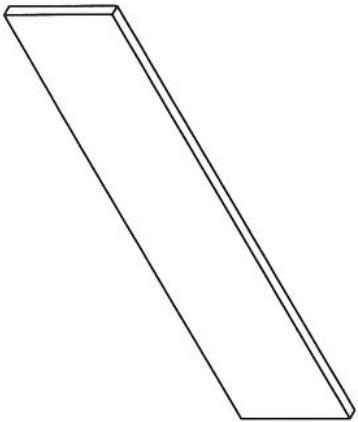
SHEET 1 OF 1



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# Spica Choir

SIZE	DWG. NO.	REV
<b>A</b>	<b>Chair Back</b>	
SCALE: 1:8	WEIGHT:	SHEET 1 OF

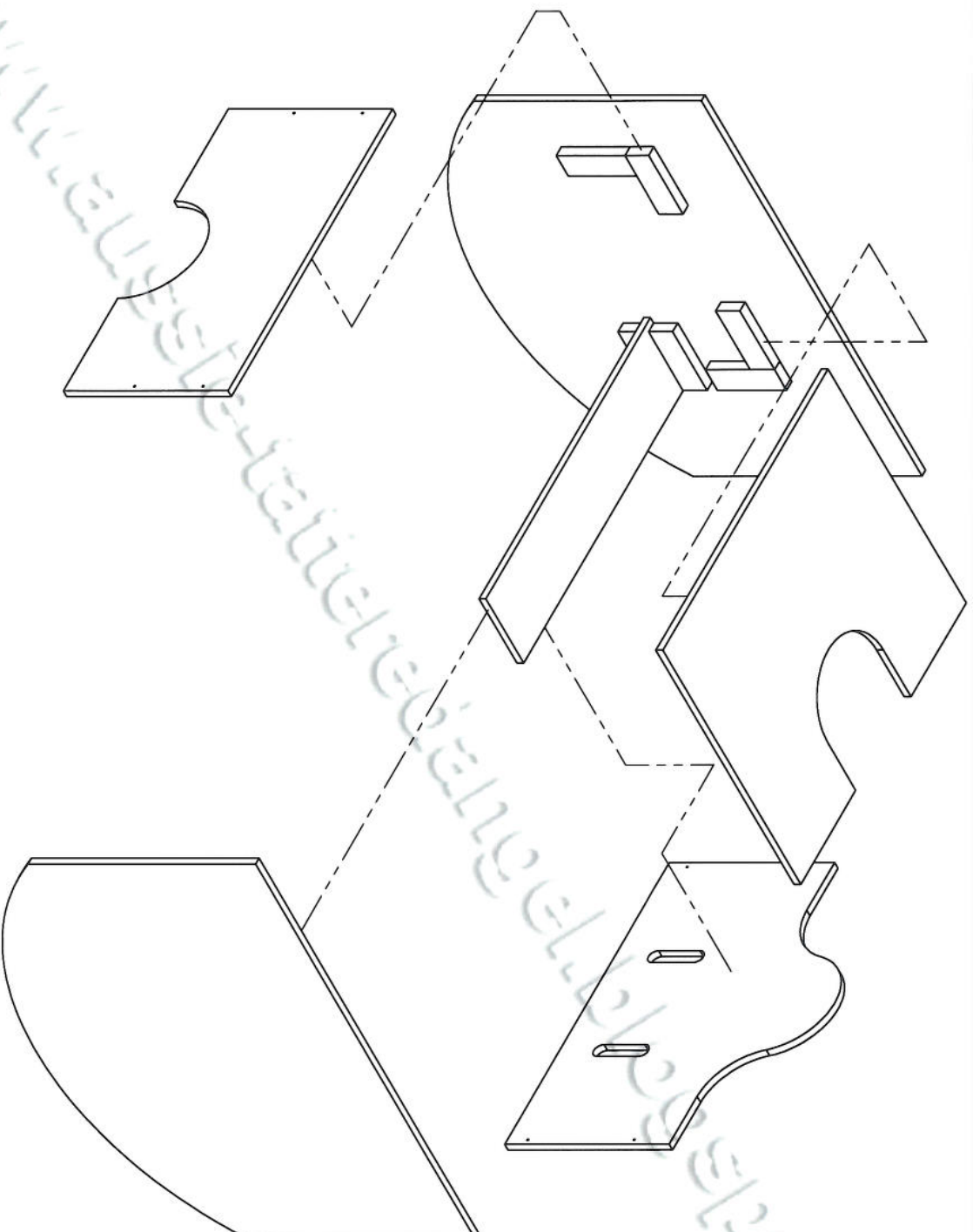


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TITLE:

# Spica Chair

SIZE	DWG. NO.	REV
<b>A</b>	Chair Seat	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1



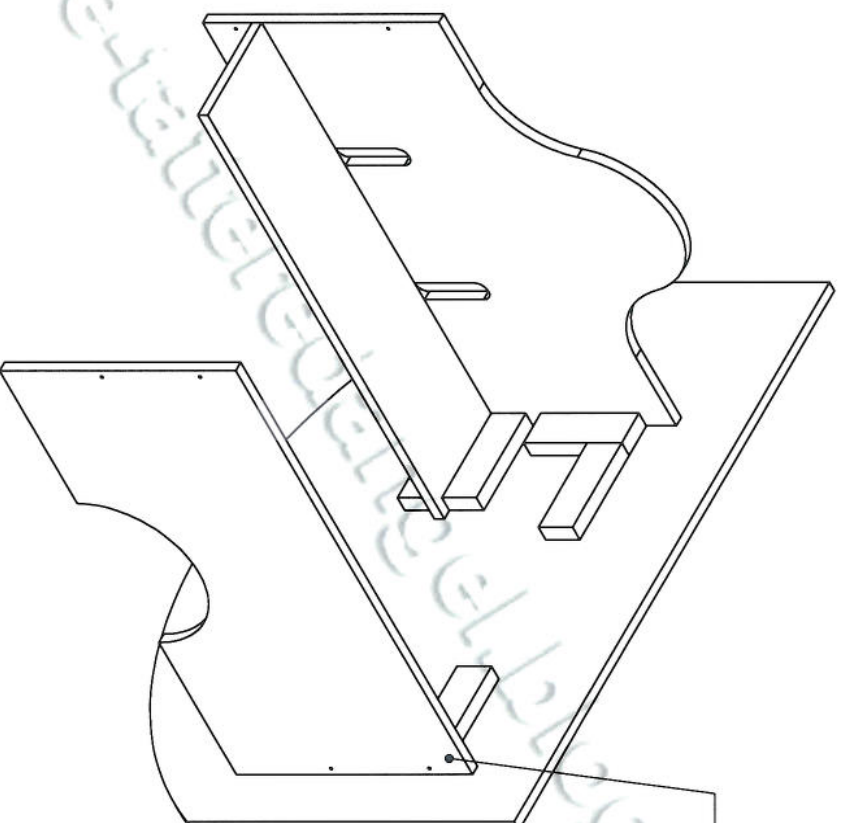
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TITLE:

## Spica Chair

SIZE		DWG. NO.		REV	
<b>A</b>		Chair Exploded			
SCALE: 1:8		WEIGHT:		SHEET 1 OF 1	





Attach 1 in above 1 X 2 Boards

Take Chair front and attach to 1X2 board as shown thru 1/8 predrilled hole. Do not use glue in this step.

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TITLE:

## Spica Chair

SIZE DWG. NO.

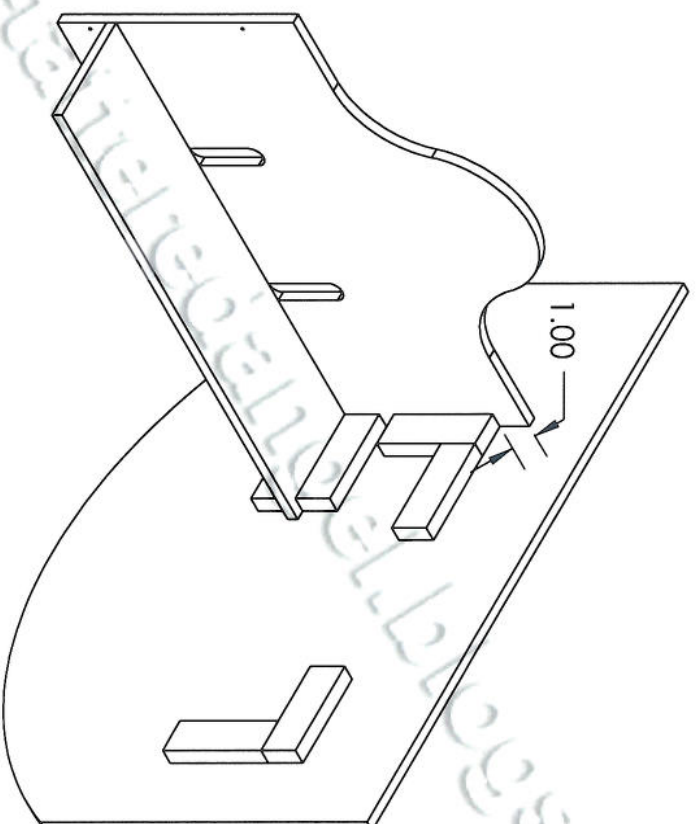
**A**

**Step 2**

REV

SCALE: 1:8 WEIGHT:

SHEET 1 OF 1



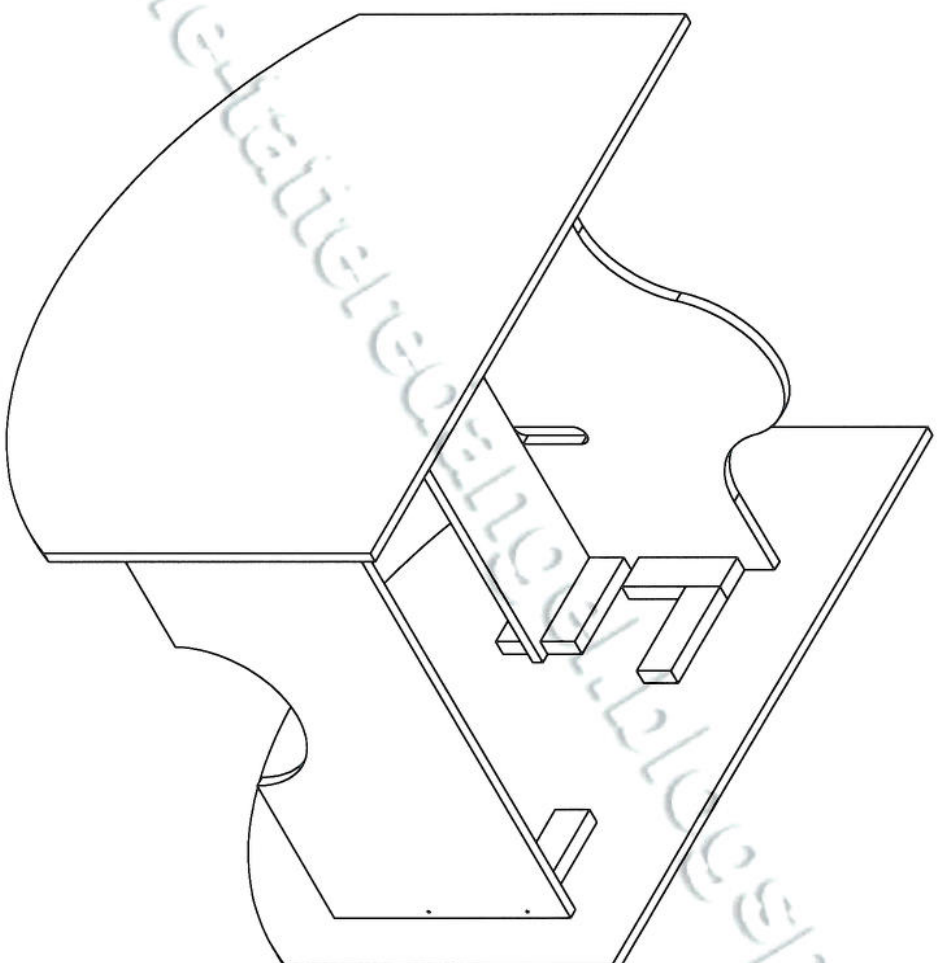
To assemble chair place chair back against 1 x 2 boards as shown at 1 inch above 1 X 2 and fasten with # 10 wood screws thru 1/8 inch pilot holes you predrilled in chair back. Do not use glue in this step as it allows you to disassemble chair in the future for storage or shipment.

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TITLE:

## Spica Chair

SIZE	DWG. NO.	REV
<b>A</b>	<b>Step 1</b>	
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1



Attach second side to front and back of chair at same elevation as right side. ( 1 inch above 1 X 2 boards) Do not use glue in this step only screws.

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TITLE:

## Spica Chair

SIZE DWG. NO.

**A**

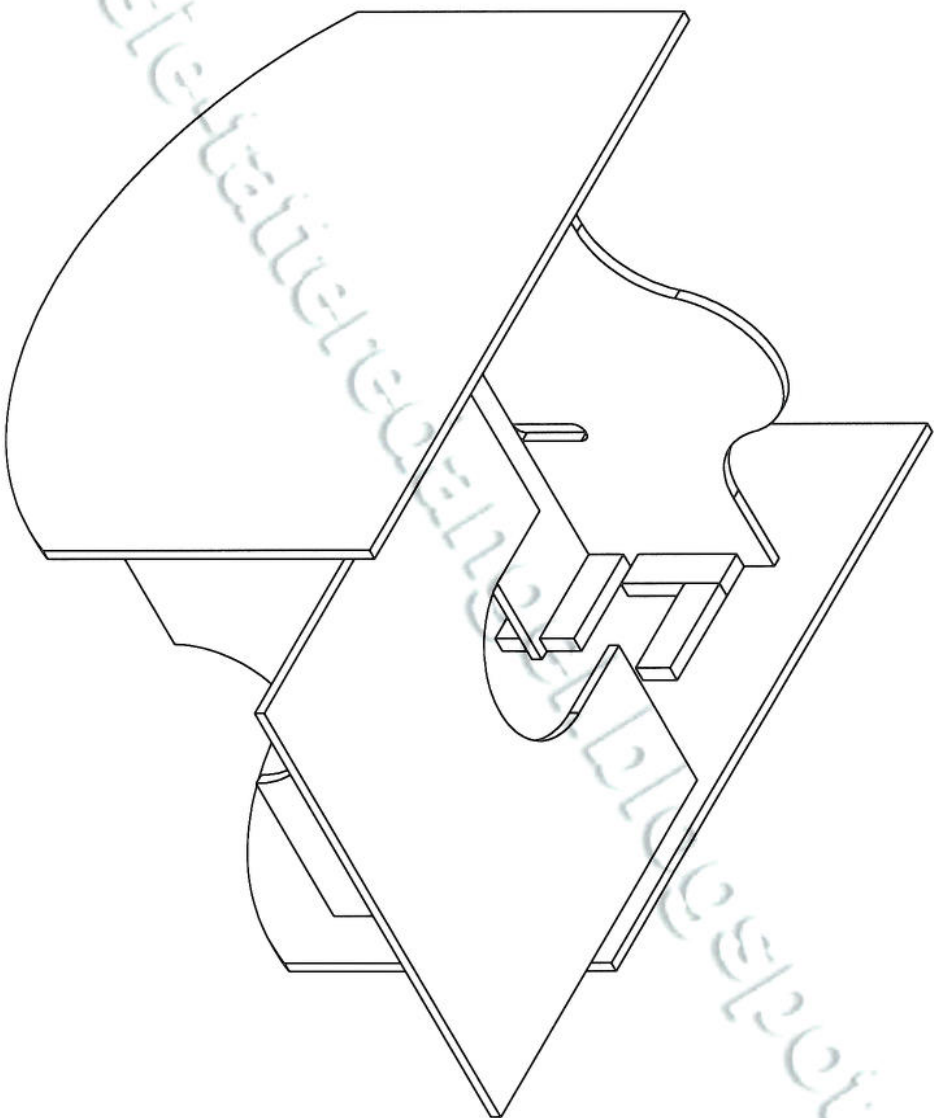
**Step 3**

REV

SCALE: 1:8 WEIGHT:

SHEET 1 OF 1

Never leave child unattended when using a spica chair. This chair design requires the use of a threepoint harness at all times.



Your Chair is now complete. The table top lifts off so you can put your child in the chair using a harness through the two slots in the back of the chair. With the child in the desk, slide the table top into position around the child until it drops into place. Table top will always be remove to load and unload your child.

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TITLE:

# Spica Chair

SIZE DWG. NO.

A

Step 4

REV

SCALE: 1:8 WEIGHT:

SHEET 1 OF 1