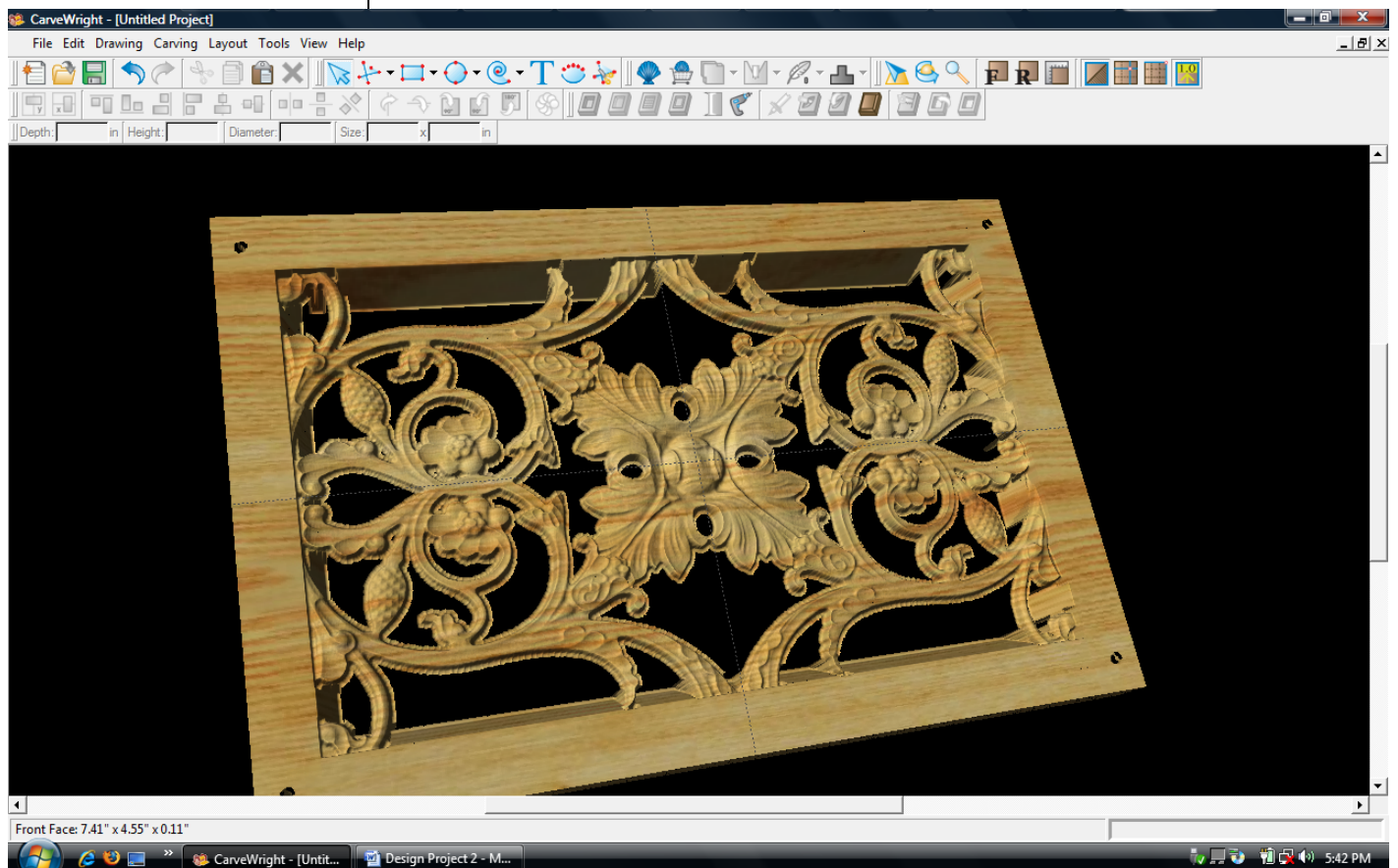


## Design Project 3

This project covers the following design concepts:

- PATTERN PLACEMENT
- PATTERN MANIPULATION
- FINE TUNING
- ADJUSTING DEPTH & HEIGHT
- DRAWING TOOLS
- REGIONS
- CARVING OPTIMIZATION
- FEATHERING
- CARVING LIST
- BOARD SETTINGS
- MANAGING DATA
- UPLOADING TO MEMORY CARD
- QUALITY SETTINGS
- PIERCED CARVING
- DRILLING HOLES
- CLIP CARVING



## INSTRUCTIONS:

### ➤ STARTING THE SOFTWARE

Open the CarveWright Designer Software

The Welcome screen appears with project options.

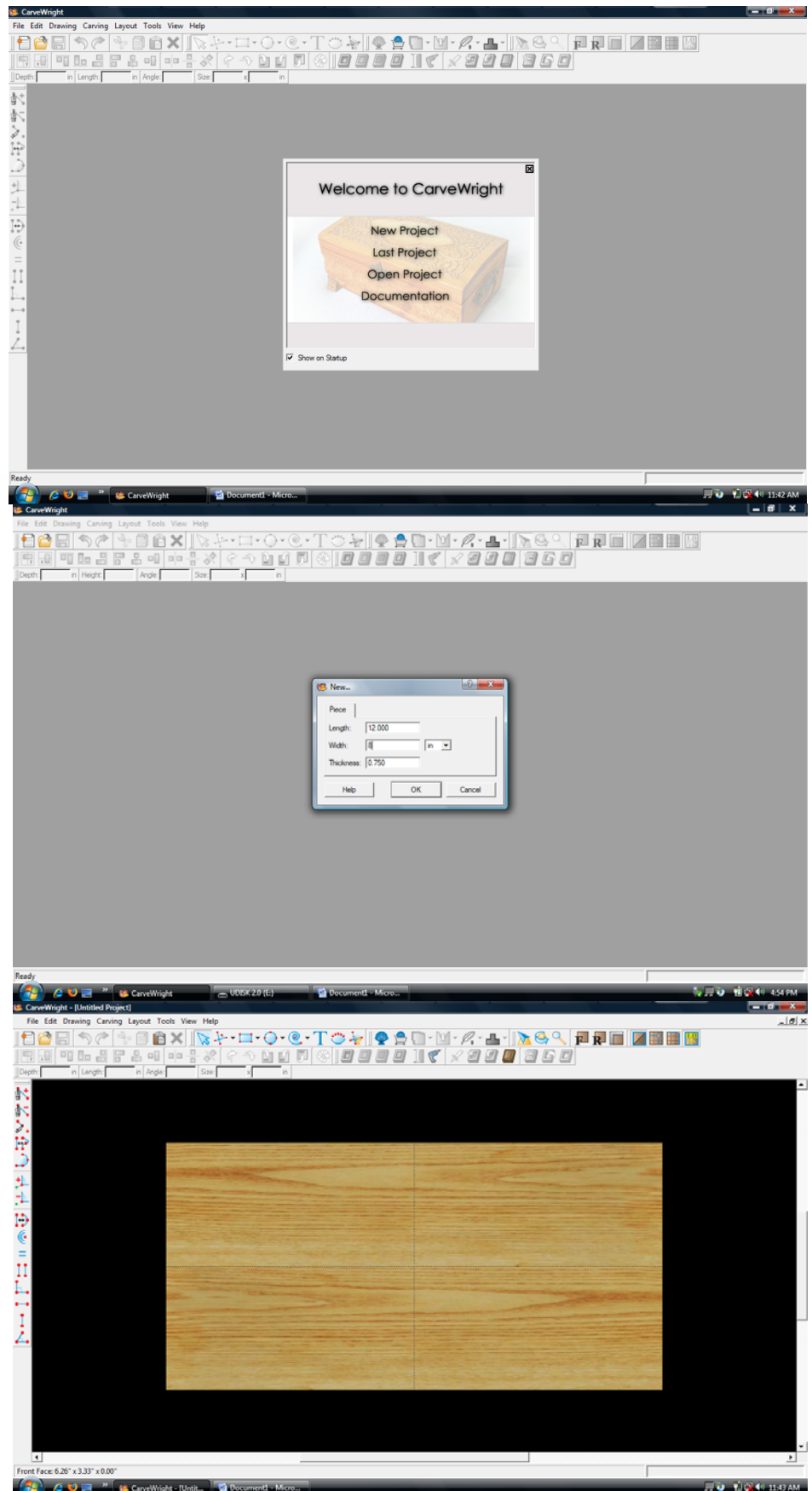


Select "New Project"

Set your board piece dimensions.  
Length: 12"  
Width: 8"  
Thickness: .75"

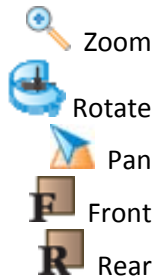
Click ok

### ➤ MENUS, TOOLBARS OR MOUSE



## ➤ MANIPULATING THE WORKPIECE

Board piece will display on screen in three dimensions.



## ➤ DRILL HOLE TOOL



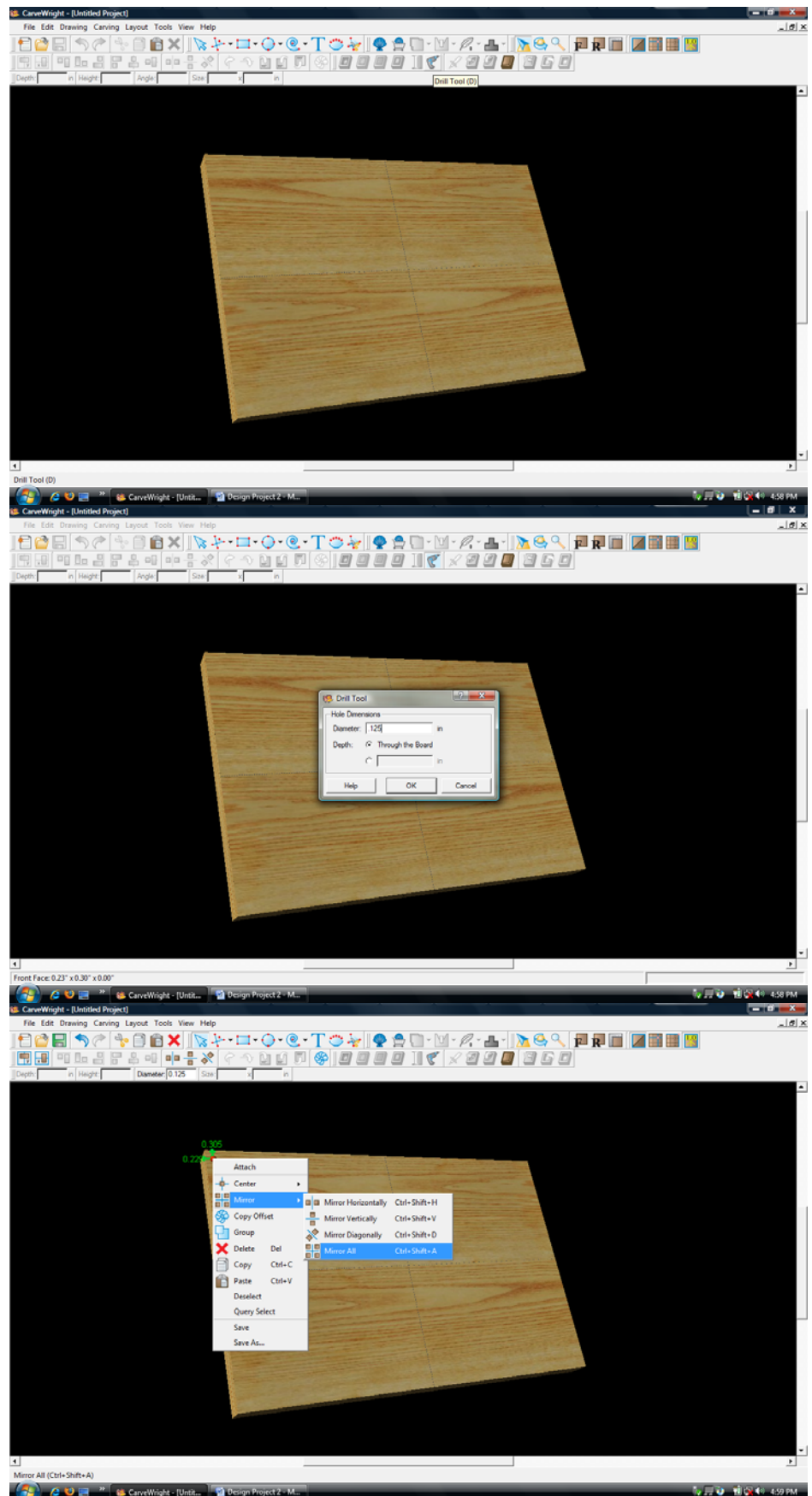
Select the “Drill Hole Tool” and click on the top left corner of the workpiece.

Drill Hole Tool dialog box appears. Type “.125” inch for the diameter of the hole.

## ➤ MIRROR




Right click on the hole and select “Mirror”, “Mirror All”.




Holes should now appear in all four corners.

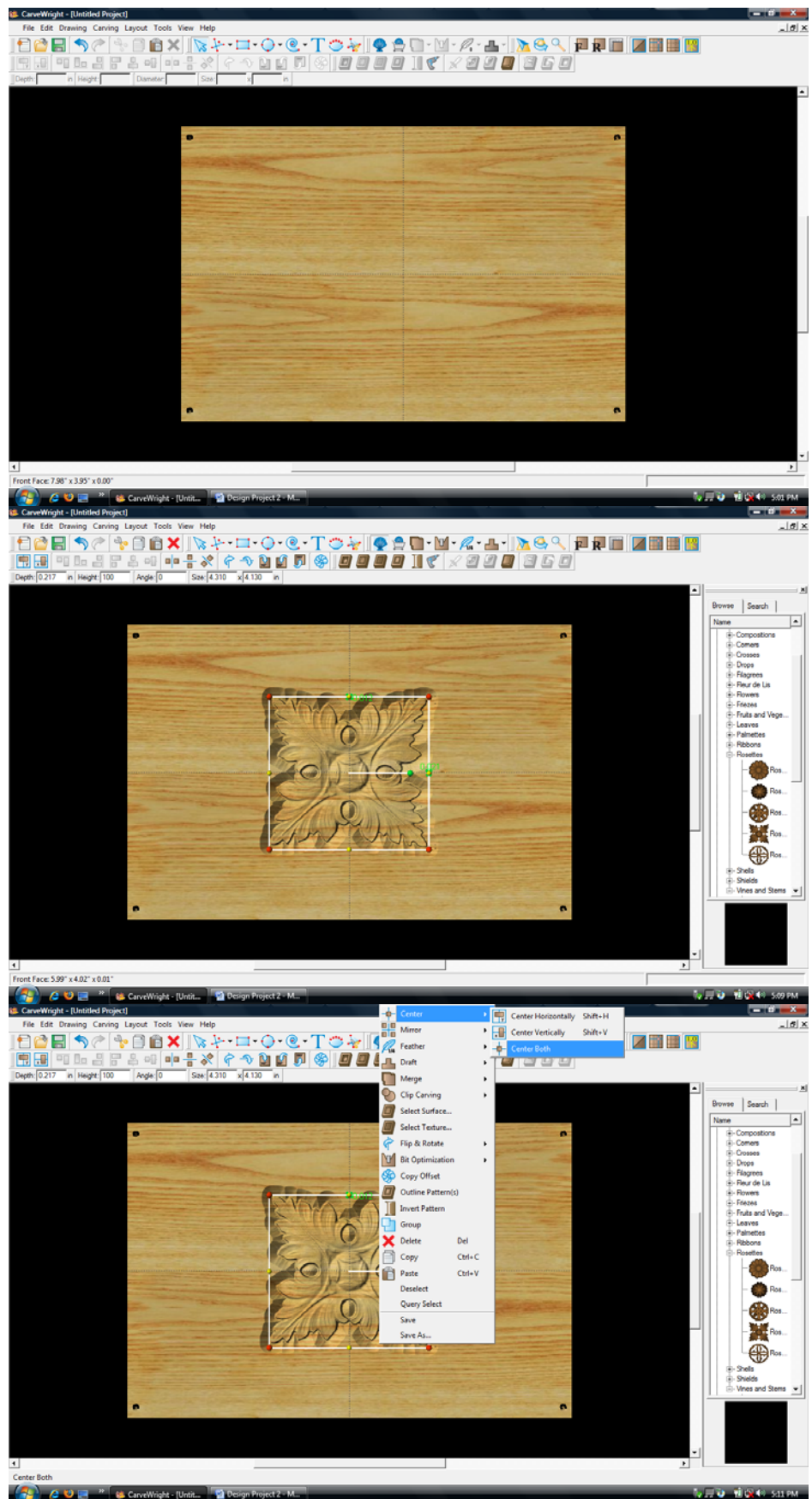
### ➤ PATTERN PLACEMENT

 Select the “pattern tool” to open the pattern library along the right side.

Select “Rosett04” under “Rosettes” and place on board by clicking or drag & drop.

➤ CENTERING  
Right-Click on “Rosett04” to bring up menu of available options.

 Select “Center”,  
“Center Both”.

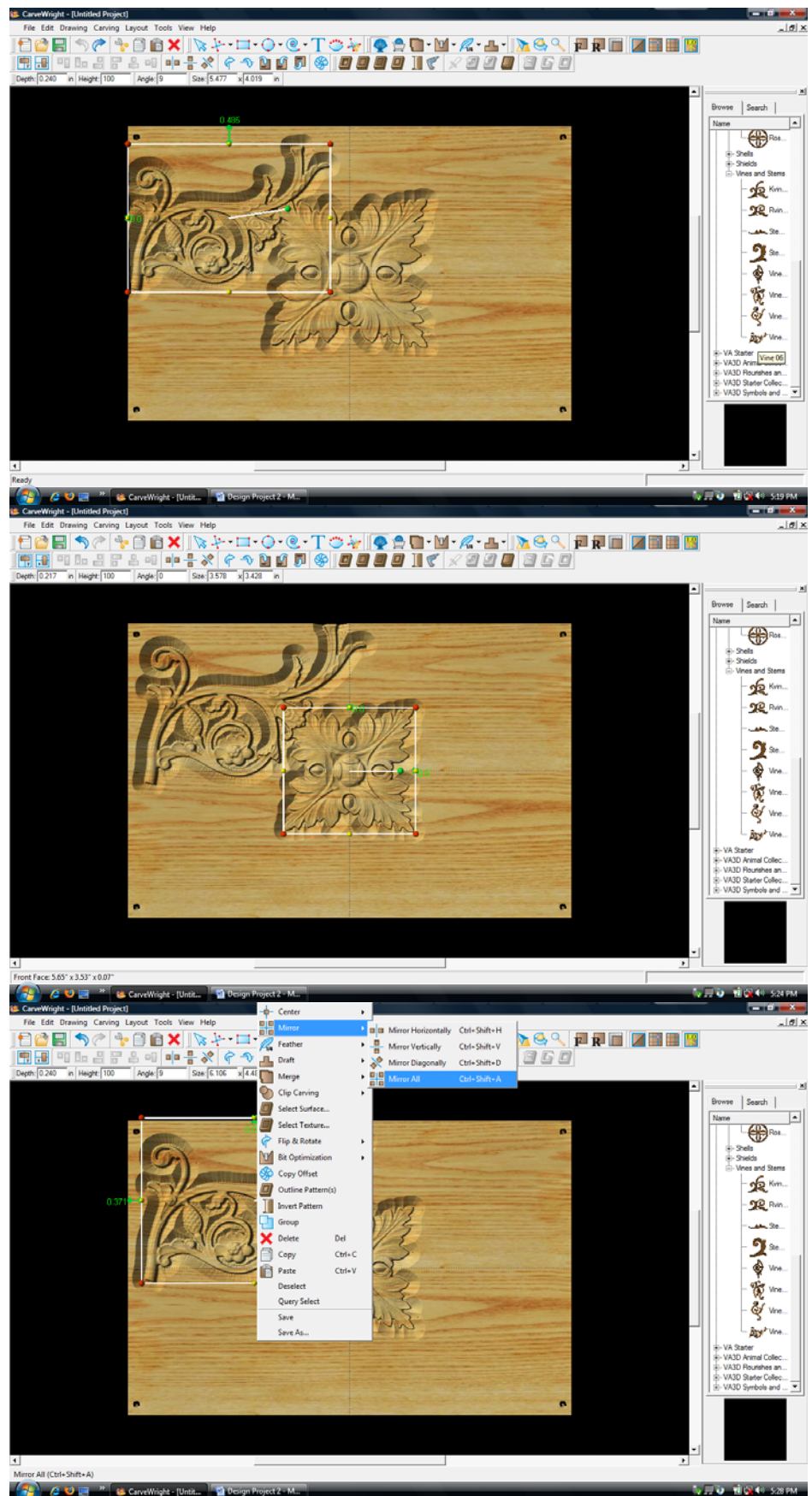




Select “Vine06” under “Vines and Stems” in the Basic Library. Place it onto the board.

Select the “rosette” and scale down the size. Use the Red node to maintain scale.

Select the “vine” pattern, right click and select “Mirror All”.



## ➤ DRAWING TOOLS



Select the "Rectangle Tool".

Draw Rectangle across the entire board, leaving a 1" border as shown.

## ➤ REGIONS



Select "Carve Region".

This applies a carved area to the rectangle with a default depth of .25".

Select the Pierced checkbox



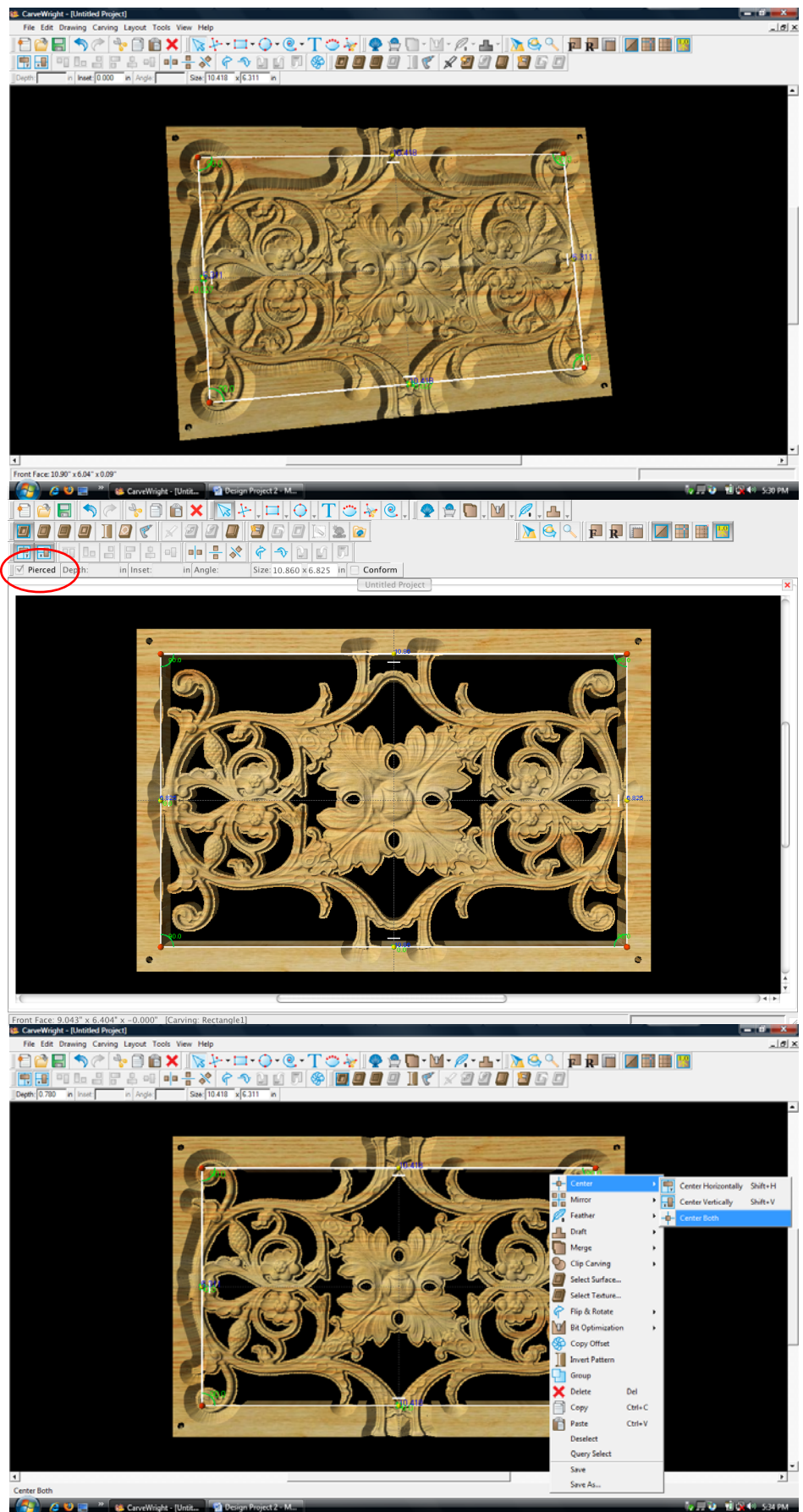
and the region will be applied all the way through the bottom of the board.

## ➤ CENTERING

With the rectangle selected, right click to bring up menu of available options.



Select "Center",  
"Center Both".



## ➤ CARVING LIST



Select “View” and then  
“Carving List”

The Carving List opens on  
the left displaying every  
element on the virtual  
design board.

## ➤ CLIP CARVING



Select all of the pattern files  
in the Carving Lists, right  
click and choose “Clip  
Carving Inclusive”.

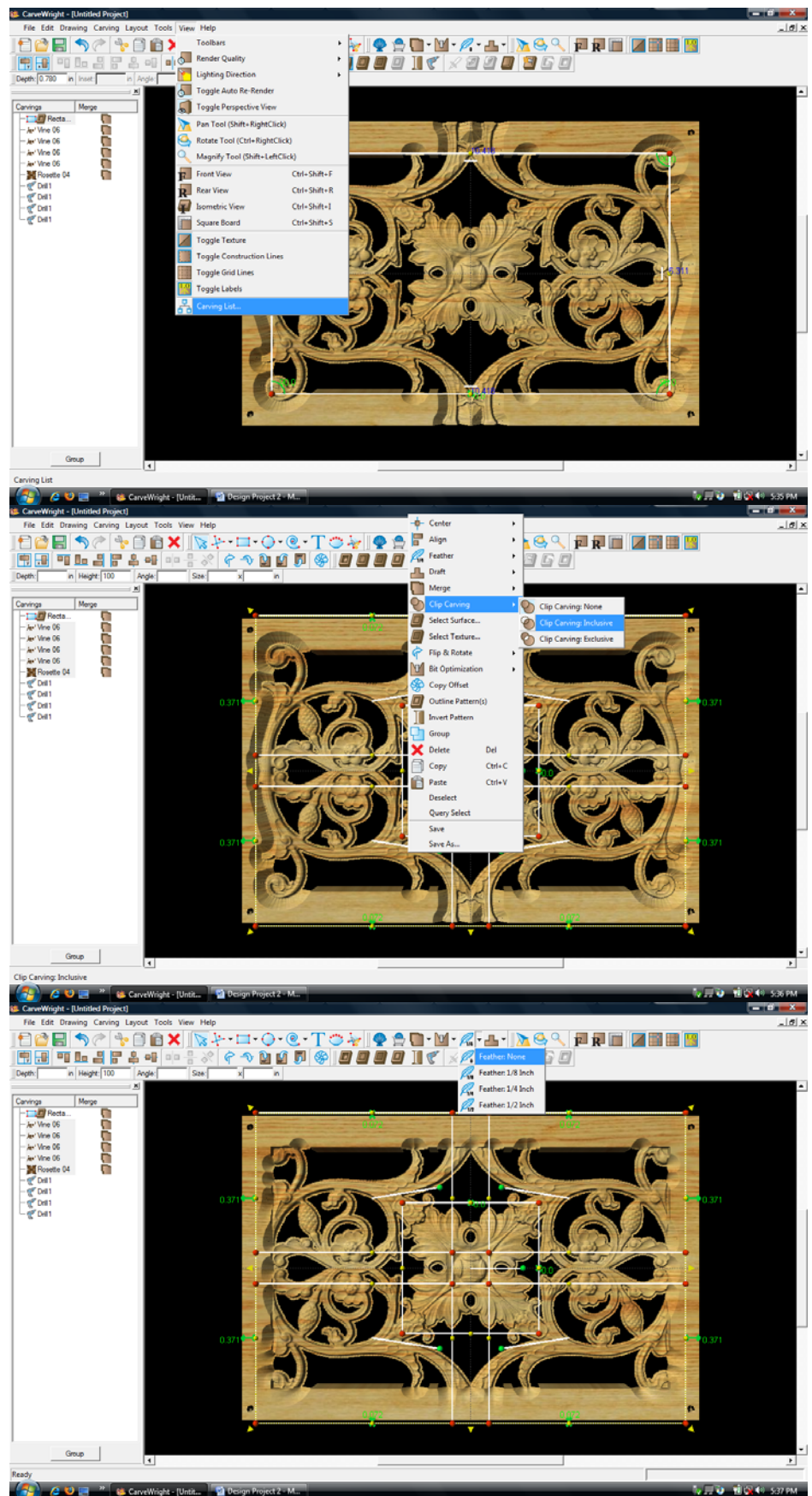
## ➤ CARVING OPTIMIZATION

## ➤ FEATHERING



With the all still selected,  
click on the “Feather Tool”.

From the drop down menu,  
select “Feathering None”.





## ➤ CARVING OPTIMIZATION

### ➤ FEATHERING



Select the Rectangle, right click and select "Feather ¼ inch".

### ➤ MANIPULATING THE WORKPIECE



Rotate and/or zoom your workpiece to see your design board more clearly.



Select "File", "Save"

\*\*\*\*\*IMPORTANT\*\*\*\*\*

Name file and click "Save" to hard drive.

### ➤ UPLOADING TO MEMORY CARD



Select "File", "Upload" Save to memory card.

Example:

*piercedrosette\_N\_45*  
(recognizable name\_quality  
setting\_estimated time to  
carve)

