

# CENTERPIECE

## Over the Hill Retreat • 1/2" scale

*Designed by Carol Ann Frost, Lutherville, Maryland*

Here is a House party centerpiece for everyone; choose your scale and get cutting. HAVE FUN!!!

**Use the pictures/drawings in 1/2 inch scale as a reference for the 1 inch and 1/4 inch retreat. Pictures and drawings are not to scale.**

Standard wood stock comes in various widths and depths and, usually, is 24 inches in length. These instructions are designed to use as much readily available stock as possible. However, you will note that many of the pieces will need to be pieced to get the correct measurements for your Retreat Center. This applies a lot to the one inch scale and some of the one-half inch scale.

Remember to label your pieces as you cut them, keeping like pieces together with a piece of painters tape or in separate baggies.

Use clamps to make the joints tight. If you are using gator board, mat board or other large-sheet material, cut all pieces at the correct finished size.

Consider how you will decorate your Retreat and at which steps you would be most comfortable painting, papering, staining and flooring the interior as well as the exterior.

Read all instructions carefully before attempting each step.

Tools and supplies needed:

- Saw
- X-acto knife (sharp blades)
- Ruler
- Blue tape/painter's tape
- Clamps
- White wood glue or Grrrip Glue
- Sandpaper
- Pencil
- Acrylic for window 1-1/4" square
- Baggies to keep pieces separated or blue tape to bind pieces together for each step.

Basswood needed and approximate number of pieces to complete your project:

1/8" x 4" x 24"	4 pieces
1/8" x 3/4" x 24"	1 piece
1/8" x 1/2" x 24"	1 piece
1/2" x 3/16" x 24"	1 piece
1/2" x 1/16" x 24"	1 piece
3/16" x 3/64" x 24"	2 pieces



1/4" x 1/16" x 24"	1 piece
3/32" x 3/32" x 24"	1 piece
3/16" x 1/8" x 24"	1 piece
1/16" x 2" x 24"	1 piece
1/16" x 1/16" x 24"	1 piece
3/16" x 3/16" x 24"	2 pieces
1/8" x 1/16" x 24"	2 pieces
3/16" x 1/16" x 24"	1 piece

Cutting List:

CUTTING INSTRUCTIONS:

It is very helpful if you label each set of wood as you cut. (For example 1. Base = label base).

### 1. STRUCTURE: BASE

Use 1/8" x 4" stock wood from which to cut the following:

Base: 1 piece - 4" w x 4-1/4" long  
Front: 1 piece - 4" w x 4-1/2" long  
Door opening: 1-1/2" x 3-1/2", 1/2" from the outside edge  
Window opening: 1-1/4" x 1-1/4", 2" from bottom and 5/8" from the opposite outside edge.  
Sides: 2 pieces - 2-1/8" w x 4" long

### 2. GABLES:

2 pieces using the pattern at the end of the instructions.

### 3. ROOF:

Front Roof:

1 piece - 1/8" x 3 3/8" w x 6" long

Rear Roof:

1 piece - 1/8" x 3/4" w x 6" long  
2 pieces - 1/8" x 3/4" w x 2" long  
1 piece - 3-1/4" w x 6" long

### 4. DOOR AND WINDOW TRIM:

From 3/16" x 3/64" stock (if you cannot find 3/64" stock, you can use 1/32" stock)

Door Frame:

4 pieces - 3-1/2" long (interior and exterior trim for door sides)  
2 pieces - 1-15/16" long (interior and exterior trim for door tops)

Window Frame:

4 pieces - 1-1/8" long (interior and exterior horizontal trim for window tops and bottoms)  
4 pieces - 1-1/2" long vertical trims - sides

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## Centerpiece - 1/2" scale

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### 5. DOOR:

From 1/4" x 1/16" stock cut the following:

Lower Door: 6 pieces - 1-3/4" long

Upper Door: 6 pieces - 1-11/16" long

From 3/16" x 3/64" stock cut the following:

Door cross bars: 8 pieces - 1-1/2" long

Shelf:

From 1/2" x 1/16" stock cut the following:

1 piece - 1-1/2" long

### 6. GABLE SUPPORTS:

From 3/32" x 3/32" stock cut the following:

2 pieces - 4-1/4" long

### 7. BACK COLUMNS FOR FRONT PORCH:

From 3/16" x 1/8" stock cut the following:

2 pieces - 4" long

### 8. CEILINGS:

From the 1/16" x 2" x 5" stock cut the following:

2 pieces - 5" long

From the 1/16" x 1/16" stock cut the following:

1 piece - 5" long

### 9. SUPPORTS AND COLUMNS:

From 3/16" stock cut the following:

Front Columns: 2 pieces - 4" long

Loft Supports: 2 pieces - 4-1/4" long

From 1/8" x 1/16" cut the following

Side Loft Supports:

2 pieces - 1-5/8" long

Front Loft Support:

1 piece - 4-7/16" long

### 10. SCREEN:

7 pieces - 4" long

From 3/16" x 1/16"

2 pieces - 1-3/4" long

### 11. ROOF:

From 1/8" x 4" stock cut the following:

Front Roof: 1 piece - 3 3/8" x 6" long

From 1/8" x 3/4" stock cut the

following:

Rear Roof:

1 piece - 6" long

2 pieces - 2" long

From 1/8" x 1/2" stock cut the

following:

1 piece - 6" long

With all pieces cut and sorted, you are now ready to put your Retreat together according to the following instructions.

## GLUING INSTRUCTIONS:

### 1. BASE:

Glue the two pieces together along the 4-1/4" length to form a piece 4-3/4" long.

Set aside to dry.



Base Small strip glued to 4-1/4" side.

### 2. FRONT WITH TRIM/WINDOWS:

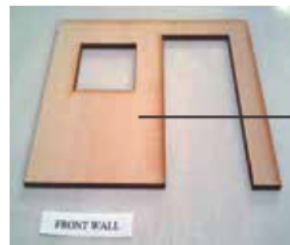
Dry fit outside door trim around door opening.

Glue in place.

\*Dry fit one side of the window verticals and horizontals so that all the sides overhang the window opening 1/16".

Glue in place.

Turn the frame over and lay the "window glass" over the frame, then glue the other set of frames in place.



Front Wall door and window cut out.



Window Trim - dry fitted

### 4. DOORS AND SHELF:

Square up one set of door parts. Glue one of the cross bars across the door 1/4" from the top and 1/4" from the bottom. Flip the door over and glue two more cross bars 1/4" from the top and the bottom. Repeat for the second door.

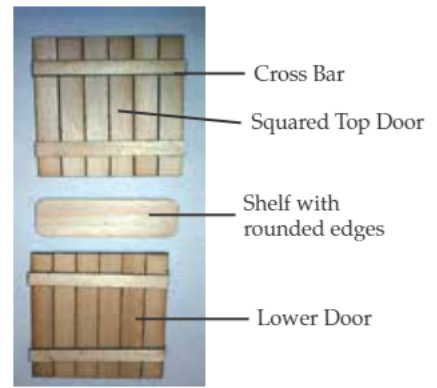
Doors may be glued open, ajar or closed, as desired.

Glue in place. (Option: To hinge door, use cloth strip or tape or tyvek)

### Shelf: (1)

Sand to round the four corners.

Glue shelf to top of bottom door to create a shelf on the bottom door.



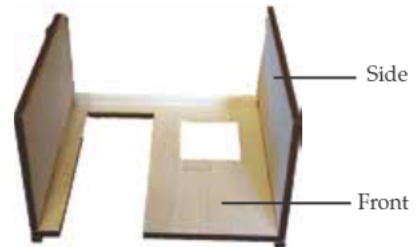
Cross Bar  
Squared Top Door

Shelf with rounded edges

Lower Door

### 5. SIDES:

1/8" x 2-1/8" x 4" finished size (2)  
Glue sides pieces onto the front.



Side

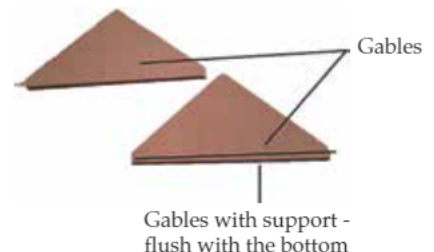
Front

### 6. GABLES AND GABLE SUPPORTS:

Mark the center of each gable and each gable support.

Glue one support to the inside bottom of each gable matching the center of the supports to the center of the gable flush with the bottom of the gable. Cut the lower corners from the gable to match the ends of the gable support.

The gable supports are glued between the gable and the side wall, creating an overhang. The back edges of the gable supports should be even with the back.



Gables

Gables with support - flush with the bottom

### 7. BACK COLUMNS:

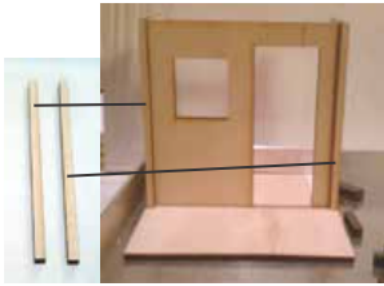
Note: glue one column to the front wall flush with each corner. In addition to being decorative, one helps support the screen

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## Centerpiece - 1/2" scale

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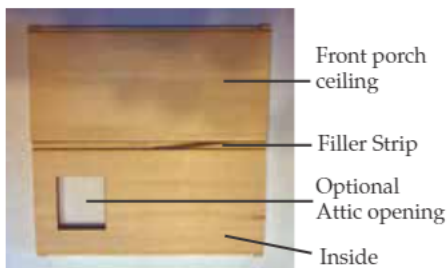


Front of Retreat

### 9. CEILINGS:

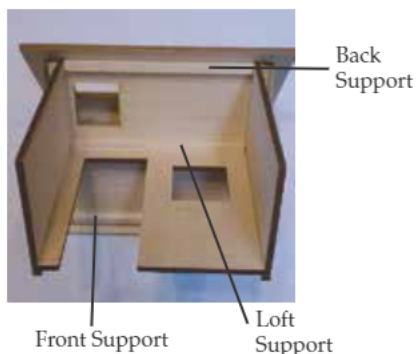
\*If you want a loft access, cut a 1" square piece one half inch from the end of one of ceiling pieces and centered side to side. When you put the ceiling pieces into the loft you may need to trim or miter the long edges on one side of each piece so that the roof will fit properly. Glue ceiling in place.

Use the 1/16" x 1/16" stock to use as a filler between the back edge of the ceiling and the roof.



### 10. SUPPORTS AND COLUMNS:

The **front loft support** is glued in place between the front edges of the gable supports. After the inside ceiling is glued in place, **one loft support** is glued in place flush with the top inside wall under the ceiling. The **side loft supports** are glued flush with the sides. The remaining **loft support** is glued to the back edge of the inside.



When placing structure on the base, line up the back of the structure with the back edge of the base.

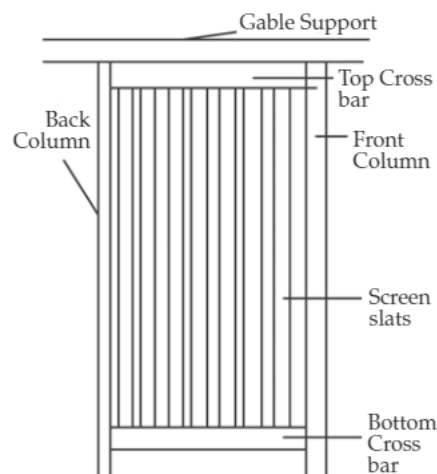
Glue structure to base.



Glue the front loft support between the front ends of the gable support.

Glue the front column supports in the corner made by the front and side loft supports. The columns will be on the base 1/4" in from the front of the base.

### 11. PRIVACY SCREEN/TRELLIS:



PRIVACY SCREEN/TRELLIS

Glue one of the cross pieces across the top of the **front and back columns** and **one across the bottom**. The top one should be level with the bottom of the gable supports. The bottom one should be 3/8" up from the bottom of the columns.

Glue one of each of the 4" strips 1/8" from each end of the supports.

Glue the remaining strips in place working from the outside in and placing the strips about 1/8" apart.

### 12. ROOF: Front Roof:

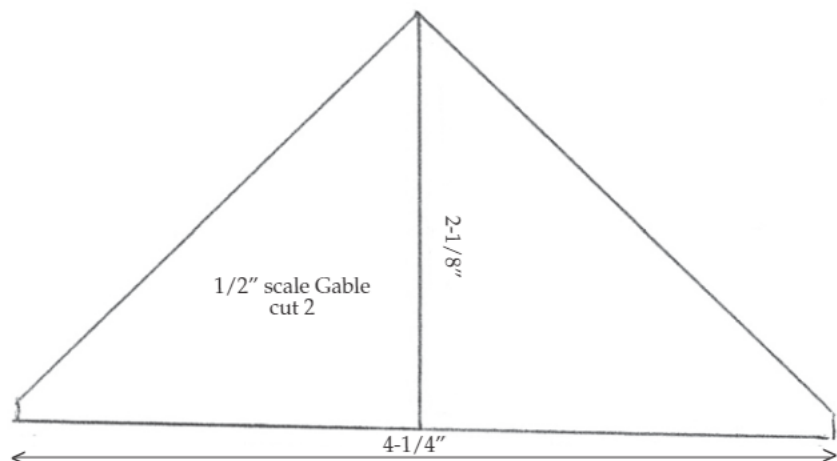
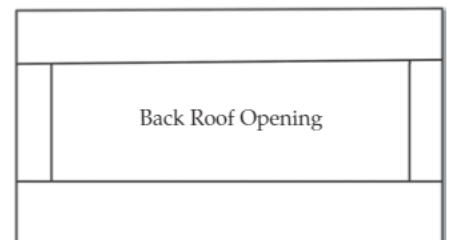
1/8" x 3-3/8" x 6" finished size  
Glue the two short pieces between the two long pieces creating a rectangle 6" x 3-1/4" with a 4-1/2" x 2" opening.

Note that the opening is off-center, 1/2" from one long side, and 3/4" from the other. The 3/4" side is the bottom of the roof. Once the pieces are glued together, glue a strip of paper to each short side to stabilize the joints.

### 13. INSTALLING THE ROOF:

Glue the rear roof so it is even with the top edge of the gable and centered between the two gables.

Glue the front roof so that it overlaps the back roof at the top of the gable and is centered between the two gables.



# Over the Hill Retreat • 1" scale

If you are using gator board, mat board or other large-sheet material, cut all pieces to the correct finished size.

Tools and supplies needed:

- Saw
- X-acto Knife (sharp blades)
- Ruler
- Blue tape/painter's tape
- Clamps
- White wood glue or Grrrip Glue
- Sandpaper
- Pencil
- Acrylic for window 2-1/2" square  
Baggies in which to keep pieces separated or blue tape to bind pieces together for each step

Basswood needed and approximate number of pieces to complete your project:

3/16" x 4" x 24"	5 pieces
1/16" x 1/2" x 24"	2 pieces
3/16" x 1" x 24"	2 pieces
1/16" x 1/4" x 24"	4 pieces
3/32" x 1/2" x 24"	2 pieces
3/32" x 1" x 24"	1 piece
3/16" x 3/16" x 24"	2 pieces
3/16" x 3/8" x 24"	1 piece
3/8" x 3/8" x 24"	4 pieces
3/32" x 1/4" x 24"	2 pieces
3/32" x 3/8" x 24"	1 piece
3/16" x 3" x 24"	1 piece

Cutting List:

## CUTTING INSTRUCTIONS:

It is very helpful if you label each set of wood as you cut. (For example 1. Base = label base). If you need visual help, please use the pictures from the half scale Retreat as your reference.)

### 1. BASE:

Cut the following pieces from

- From 4" x 3/16" stock:  
2 pieces 9" long
- From 1/2" x 1/16" stock:  
one piece 9" long
- From 1/2" x 1/16" stock:  
two pieces 8-1/2"

Label this "Base"

### 2. STRUCTURE:

Use 3/16" x 4" stock wood cut the following:

- Front: Cut two pieces 8"
- From one of the 8" pieces cut the Door opening: from the bottom corner measuring up 7" and across 3" and cut out this rectangle. *Diagram at Instruction, number 2.*



- From the second 8" piece cut a 2-1/2" square from one side 4" up from the bottom. This will be the window opening.
- From 3/16" x 1" stock,  
cut one piece 8" long

Label this set of wood - "building front"

### 3. TRIM/DOOR AND WINDOWS:

From 1/16" x 1/4" stock cut the following:

- Door frame: four pieces 7" long
- Top door frame:  
cut two pieces 3-1/4" long

Label "door trim"

- Window frame vertical:  
cut four pieces 2-1/4" long
- Window frame horizontal:  
cut four pieces 3" long

Label "window trim"

### 4. DOORS AND SHELF:

From 3/32" x 1/2" stock cut the following:

- Lower door: cut six pieces 3-1/2" long
- Upper door: cut six pieces 3-1/4" long

From 1/4" x 1/16" stock cut the following:

- Door cross bars:  
cut eight pieces 3" long
- Shelf: From 1" x 3/32" stock cut one piece 3" long

Label this "door"

### 5. SIDES:

- From 3/16" x 4" stock
- cut two pieces 8" long
- From 3/16" x 3/16" stock
- cut two pieces 8" long

Label these as "sides"

### 6. GABLES:

- From 3/16" x 4" stock
- cut four 4" squares



### 7. GABLE SUPPORTS:

- From 3/16" x 3/16" stock
- cut two pieces 8" long.

Label "gable supports"

### 8. BACK COLUMNS FOR FRONT PORCH:

- From 3/16" x 3/8" stock
- cut two pieces 8" long

Label "back columns"

### 9. CEILINGS:

- From the 3/32" x 4" stock cut the following:

- Cut two pieces 9-3/4" long

Label "ceiling"

### 10. SUPPORTS AND COLUMNS:

- From 3/8" x 3/8" stock cut the following:

- Front Columns: Two pieces - 8" long
- Loft Supports:  
Two pieces - 8-5/8" long

- Side Loft Supports:  
Two pieces - 3 3/8" long
- Front Loft Support:  
One piece 9" long

Label "supports and columns"

### 11. PRIVACY SCREEN/TRELLIS:

- From 3/32" x 1/4" stock cut the following:

- Six pieces - 8" long
- From 3/8" x 3/32"
- Two pieces - 3 1/4" long

### 12. ROOF:

- From 3/16" x 3" stock cut:

- Front Roof: two pieces 11" long

From 1" x 3/16" stock cut the following:

- Rear Roof:  
Two pieces 11" long  
Two pieces - 3-1/2" long

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## Centerpiece - 1" scale

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With all pieces cut and sorted, you are now ready to put your Retreat together according to the following instructions. Note: All finished sizes are in parentheses behind part. Also, if you need pictures please find the ones in the 1/2" scale section and diagrams following the part you are making.

### INSTRUCTIONS:

1. **BASE:** 3/16" x 8-1/2" x 9"  
(finished size)

Glue the 1/2" x 1/16" wide piece between the two 4" pieces along the long sides.

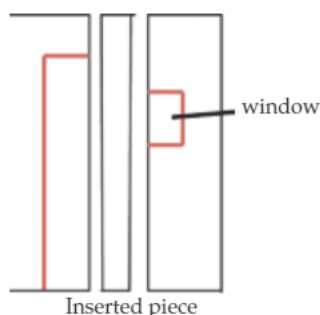
Glue one 1/2" x 1/16" piece to each edge of the base along the 8-1/2" side to reinforce the joints.

Set aside to dry.

2. **FRONT:** 3/16" x 8" x 9"

\*Dry fit for accuracy using blue/green tape and noting which areas will be glued together and which areas do not need glue.

Glue the doorway side of the 4" x 8" piece to one side of the 1" x 8" piece, long sides together and uncut edge to the outside. When glue is set, glue the second 4" x 8" piece window edge to the other long edge of the 1" x 8" piece. You have created the front of the building. *See diagram*



3. **TRIM/DOORS AND WINDOWS:**

Dry fit door trim around door opening.

Glue in place.

\*Dry fit one set window frames so that the sides overhang the window opening 1/16".

Glue in place.

After you have glued the one set of window frames in place turn the frame over and lay the "window glass" over the frame, then glue the second set of frames in place.

4. **DOORS AND SHELF:**

Square up one set of door parts. Glue one of the cross bars across the door 1/2" from the top and 1/2" from the bottom. Flip the door over and glue two more cross bars 1/2" from the top and the bottom. Repeat for the second door.

Doors may be glued open, ajar or closed, as desired.

Glue in place.

**Shelf:** 3/32" x 1" x 3"

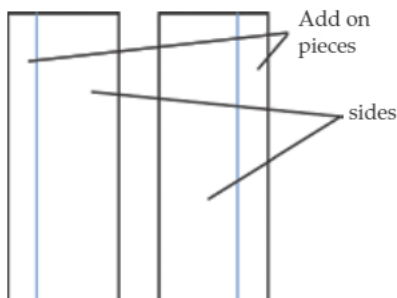
Sand to round the four corners.

Glue shelf to top of bottom door centering it both side to side and front to back.

If you decide not to put the shelf on the bottom door you may need to cut a 3" long door sill from 1" x 3/32" stock to use as a shim under the bottom door.

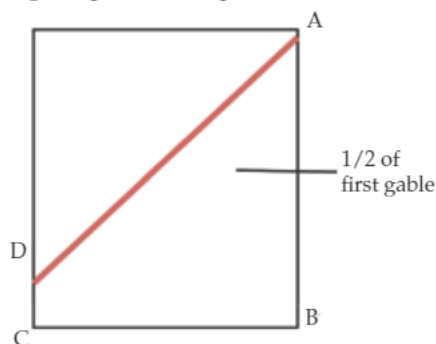
5. **SIDES:** 3/16" x 4-3/16" x 8"

With front lying flat as in step 2, glue the long edge of one of the 4" wide pieces to the long edge of one of the 3/16" pieces. Repeat for second side.



6. **GABLES:** 3/16" x 4" x 8"

Take out your gable pieces. With one square facing you, label the top right corner "A", the bottom right corner "B" the left bottom corner "C". From point "C" measure UP the left side 1/2" and label this point "D". Draw a line from point "A" to "D". Cut along this line. Repeat with the other 3 squares. You have made four half gable pieces. Glue two of the pieces together along line "A"-"B". One gable piece is complete.



Repeat with the other two pieces for the second gable.

*Check half-scale for picture of finished gable.*

6. **GABLE SUPPORTS:**

3/16" x 3/16" x 8"

Glue one support to the inside bottom of each gable matching the center of the gable flush with the bottom of the gable.

\*The gable supports are glued between the gable and flush with the top of the side wall creating an overhang. The back edges of the gable supports should be even with the back.

7. **BACK COLUMNS:**

\*Note: glue one column to the front wall flush with each corner. In addition to being decorative, one helps support the privacy screen/trellis.

*Check 1/2" scale instructions for picture.*

8. **CEILINGS:**

\*If you want a loft access, cut a 2" square piece one inch from the end of one of ceiling pieces and centered side to side. When you put the ceiling pieces into the loft you may need to trim or miter the long edges on one side of each piece so that the roof will fit properly. Glue ceiling in place.

*Check 1/2 scale instructions for picture.*

9. **SUPPORTS AND COLUMNS:**

The **front loft support** is glued in place between the front edges of the gable supports. After the inside ceiling is glued in place, **one loft support** is glued flush with the top inside wall under the ceiling. The **side loft supports** are glued flush with the sides. The remaining **loft support** is glued to the back edge of the inside.

It is time to place the structure on the base.

\*When placing structure on the base, line up the back of the structure with the back edge of the base. *Check pictures in 1/2 scale instructions.* Glue structure to base.

Glue the front column supports in the corner made by the front and side loft supports. The columns will be not be flush with the front edge of the base.

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## Centerpiece - 1" scale

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### 10. PRIVACY SCREEN/TRELLIS:

Glue one of the cross pieces across the top of the front and back columns and one across the bottom. The top one should be level with the bottom of the gable supports. The bottom one should be  $\frac{3}{8}$ " up from the bottom of the columns.

Glue one of each of the 8" strips  $\frac{3}{8}$ " from each end of the supports.

Glue the remaining strips in place working from the outside in and placing the strips about  $\frac{1}{8}$ " apart.

See picture in half-scale instructions.

glued together, glue a strip of paper to each short side to stabilize the joints.

Picture in half scale instructions.

### 11. ROOF: $\frac{3}{16}$ " x 6" x 11"

Front Roof: Glue the two  $\frac{3}{16}$ " x  $\frac{3}{16}$ " pieces together along the long edges to create a piece 6" x 11".

Rear Roof:  $\frac{3}{16}$ " x 11" x  $5\frac{1}{2}$ "  
Glue the two  $\frac{1}{16}$ " x  $\frac{1}{16}$ " pieces between the two long pieces creating a rectangle 11" x  $5\frac{1}{2}$ " with a  $9$ " x  $3\frac{1}{2}$ " opening. Once the pieces are

### 12. INSTALLING THE ROOF:

Glue the rear roof so it is even with the top edge of the gable and centered between the two gables.

Glue the front roof so that it overlaps the back roof at the top of the gable and is centered between the two gables.



1/2" scale Centerpiece, Over the Hill Retreat by Romaine Eyler, Westminster, Maryland



1/4" scale centerpiece inside, by Romaine Eyler

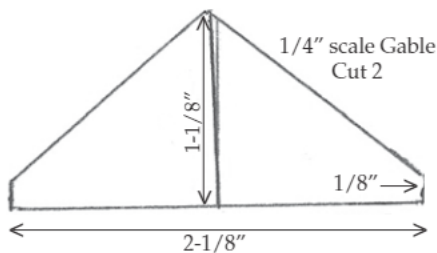
# Over the Hill Retreat • 1/4" scale

Tools and supplies needed:

- Saw
- White wood glue or Grrrip Glue
- X-acto Knife (sharp blades)
- Sandpaper
- Ruler
- Pencil
- Blue tape/painter's tape
- Acrylic for window 5/8" square
- Clamps
- Baggies to keep pieces separated or blue tape to bind pieces together for each step

Basswood needed and approximate number of pieces to complete your project.

3/32" x 3" x 24"	2 pieces
3/32" x 2" x 24"	1 piece
1/32" x 1/8" x 24"	1 piece
1/16" x 3" x 24"	1 piece
1/16" x 1/4" x 24"	1 piece
1/16" x 3/4" x 24"	1 piece
1/8" x 1/8" x 24"	1 piece
3/32" x 3/32" x 24"	1 piece
1/16" x 1" x 24"	1 piece
1/16" x 1/16" x 24"	1 piece
1/16" x 3/16" x 24"	1 piece



## CUTTING INSTRUCTIONS:

It is very helpful if you label each set of wood as you cut. (For example 1. Base = label base). If you need visual help, please use the pictures from the half scale Retreat as your reference.)

### 1. BASE

From 3/32" x 3" stock:  
cut one piece 2-1/8" x 2-1/4"

### 2. FRONT

From 3/32" x 3" stock:  
cut one piece 2" x 2-1/4"

Cut window and door openings, (you can start at either side of the front.)

The door is 1-3/4" x 3/4" and 1/4th inch from the outside wall.

The window is 5/8" x 5/8". It is 1" up from the bottom and 5/16" in from the outside edge.



### 3. TRIM - DOORS AND WINDOWS:

from 1/32" x 1/8" stock cut:

Door frame: cut four pieces 1-3/4" long

Top door frame: cut two pieces 1" long

Window frame vertical:

cut four pieces 3/4" long

Window frame horizontal:

cut four pieces 1/2" long

### 4. DOORS AND SHELF:

From 1/16" x 3" stock  
scored every 1/8". cut

Lower Doors:

Cut one piece 3/4" x 7/8" long

Upper Doors:

Cut one piece 3/4" x 3/4" long

from 1/8 x 1/32" stock cut the  
horizontal Door Cross Bars:

Cut eight pieces 3/4" long

Shelf:

from 3/4" x 1/16" stock:

cut one piece 3/4" long

### 5. SIDES:

from 3/32" stock:

cut two pieces 1-1/16 x 2" long

### 6. GABLES:

3/32" x 2-1/8" x 1-1/8" finished  
size (2)

Use gable pattern at the bottom of the supply list. Mark the center of the cut gable.

### 7. GABLE SUPPORTS:

1/8" x 1/8" x 2-1/8" (2)

Mark the center of the gable supports.  
You can label these and put them with the Gables.

### 8. BACK COLUMNS FOR THE FRONT PORCH:

3/32" x 3/32" x 2" (2)

from 3/32" x 3/32" stock:

Cut two pieces 2" long. Label these

### 9. CEILINGS:

1/16" x 1" x 2-1/2" (2)

from 1/16" x 1" stock:

Cut two pieces 2-1/2" long.

\*If you want a loft access, cut a piece 1/2" square, 3/8" from one end of one of the ceiling pieces and centered side to side.

from 1/16" x 1/16" stock:

Cut one piece 2-1/2" long. Use this piece to fill the space between the back roof and the ceiling.

### 10. SUPPORTS AND COLUMNS:

from 1/8" x 1/8" stock:

Front Columns: Cut two pieces 2" long

Loft Supports: Cut two pieces 2" long

Side Loft Supports:

—Continued on next page



## Centerpiece - 1/4" scale

—Continued from page 51

Cut two pieces 5/8" long

*Front Loft Support:*

Cut one piece 2-1/4" long

### 11. SCREEN:

from 1/16" x 1/16" stock:

Cut six pieces 2" long

from 3/16" x 1/16" stock:

Cut two cross pieces 7/8" long

### 12. ROOF:

*Front Roof:* from 3/32" x 3" stock:

Cut a piece 3" long by 1-11/16" wide

*Rear Roof:* from 3/32" x 3" stock:

Cut a piece 1 3/8" by 3"

Cut out the center of this piece leaving an opening 1" x 2 1/4". See 1/2" scale instructions for alternate option.

With all pieces cut and sorted, you are now ready to put your Retreat together according to the following instructions. Remember there are corresponding pictures in the half-scale directions. The measurement in parentheses is the finished size of the piece you are putting together.

### 1. BASE: 3/32" x 2 1/8" x 2-1/4" finished size (1)

Set base aside for later use.

### 2. FRONT: 3/32" x 2" x 2-1/4" finished size (1)

Lay the front face down in front of you. Now is the time to decide whether you want a door on the left or on the right. If you lay the door to the right as you look at it, it will be on the left when you are through.

### 3. TRIM: DOOR AND WINDOW:

\*Dry fit door trim around door opening. Glue in place.

\*Dry fit the window frames so that the sides overhang the window opening to the inside, 1/16".

Glue in place.

After you have glued one set of window frames in place, turn the front over to be outside up and put the piece of "window glass" over the frame, then glue the other set of frames in place.

### 4. DOORS AND SHELF:

Glue one of the cross bars across the bottom door 1/8" down from the top and 1/8" up from the bottom. Flip the door over and glue two more cross bars 1/8" from the top and the bottom. Repeat for top door.

Doors may be glued open, ajar or closed, as desired.

Glue in place.

*Option: To hinge door, use cloth strip or tape or tyvek*

### Shelf:

Sand to round the four corners. Glue shelf in place on top of bottom door centered front to back and side to side.

### 5. SIDES:

3/32" x 1-1/16" x 2"

finished size (2)

Glue the two sides ONTO the front. Set aside to dry.

### 6. GABLES:

3/32" x 2-1/8" x 1-1/16" (2)

Matching the center line on the gable and the gable support, you will need to cut off a piece of the gable 1/8" from each of the triangles base points even with the gable support.

Repeat for 2nd gable. Check with the pattern on the first page below the supply list.

### 7. GABLE SUPPORT:

1/8" x 1/8" x 2-1/8" (2)

Glue these pieces of wood to the inside of the gables matching the ends of the pieces with the trimmed ends of the gables and flush with the bottom of the gable.

\*The gable supports are glued between the gable and the side wall, creating an overhang.

The back edges of the gable supports should be even with the back.

### 8. BACK COLUMNS ON THE FRONT OF STRUCTURE:

3/32" x 3/32" x 2" (2)

Glue one column to the front wall flush with left corner, and the other flush with the right corner of the front. In addition to being decorative, one helps to support the privacy screen/trellis..

### 9. CEILING:

1/16" x 1" x 2-1/2" (2)

When you put

the ceiling pieces into the loft you may need to trim or miter the long edges on one side of each piece so that the roof will fit properly

Glue ceiling in place.

### 10. SUPPORTS AND COLUMNS:

The front loft support is glued in place between the front edges of the gable supports. After the inside ceiling is glued in place, one loft support is glued in place flush with the top inside wall under the ceiling. The side loft supports are glued flush with the side walls. The remaining loft support is the glued to the back edge of inside ceiling.

\*When placing the structure on the base, line up the back of the structure with the back of the base.

### 11. SCREEN:

Glue one of the cross pieces across the front and back columns. The top one should be level with the bottom of the gable supports. The bottom one should be 3/32" UP from the bottom of the columns.

Glue one of each of the 2" strips 1/16" from each end of the supports. You will use five supports for the screen and one as a spacer.

Glue the remaining strips in place working from the outside in and placing the strips 1/16" apart.

### 12. INSTALLING ROOF:

Glue the rear roof so it is even with the top edge of the gable and centered between the two gables.

Glue the front roof so that it overlaps the back roof at the top of the gable and is centered between the two gables.



1/4" scale, side garden by Romaine Eyler