

MP-601
the Montclair in Milled Plywood

WID
WALMER DOLLHOUSES
ESTABLISHED IN 1972

TM

MONTCLAIR

ASSEMBLY INSTRUCTIONS
#601



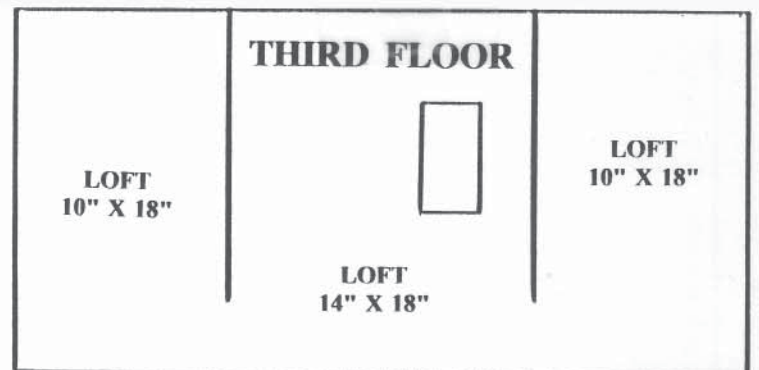
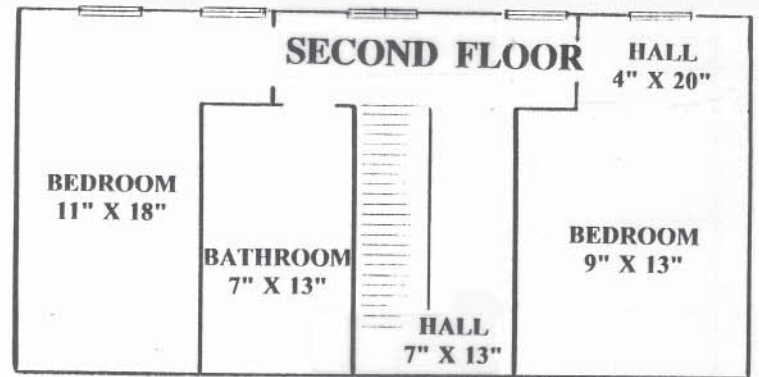
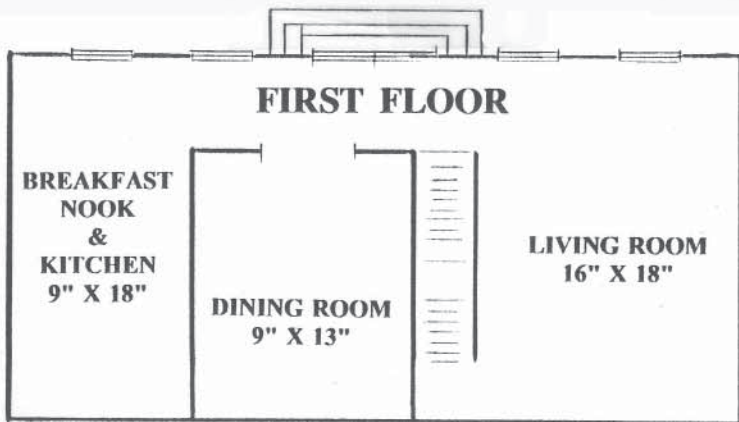
Real Good Toys

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NOTE: LEFT AND RIGHT ARE IDENTIFIED FROM THE FRONT OF THE HOUSE

SUGGESTED INTERIOR FLOOR PLAN



Introduction

Congratulations on your selection of the MONTCLAIR dollhouse kit. The MONTCLAIR is one of many high quality kits made by Real Good Toys which are specifically designed for discriminating hobbyist and advanced miniaturists.

Your kit comes in two cartons. Carton #1 contains the plywood and solid wood parts needed to fabricate the shell of the house. Carton #2 contains the building components such as doors, windows, stairs, and rails that complete the house. Packing lists are included in each carton to identify individual parts.

The MONTCLAIR kit is recommended for individuals with some wood kit assembly experience. Although the actual assembly of the kit is not difficult, the parts are large and care needs to be taken at all times that assemblies remain square and joints stay tight during glue set-up. Careful planning of electrification and interior finishing as the house is being assembled can make those steps easier.

We have found the following suggestions are very helpful for a successful dollhouse building experience -

- * READ the instructions carefully.
- * Accurately IDENTIFY parts and UNDERSTAND their orientation relative to right and left, top and bottom and front and back.
- * TEST ASSEMBLE parts wherever possible.
- * WORK on a level surface.

TOOLS: The tools you will need include a hammer, tape measure, carpenter's square, masking tape, wood filler, sandpaper, and yellow or white glue.

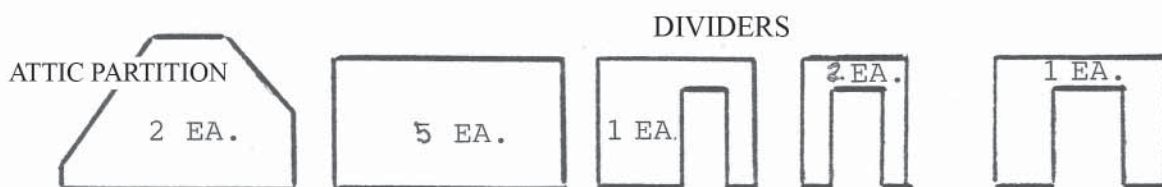
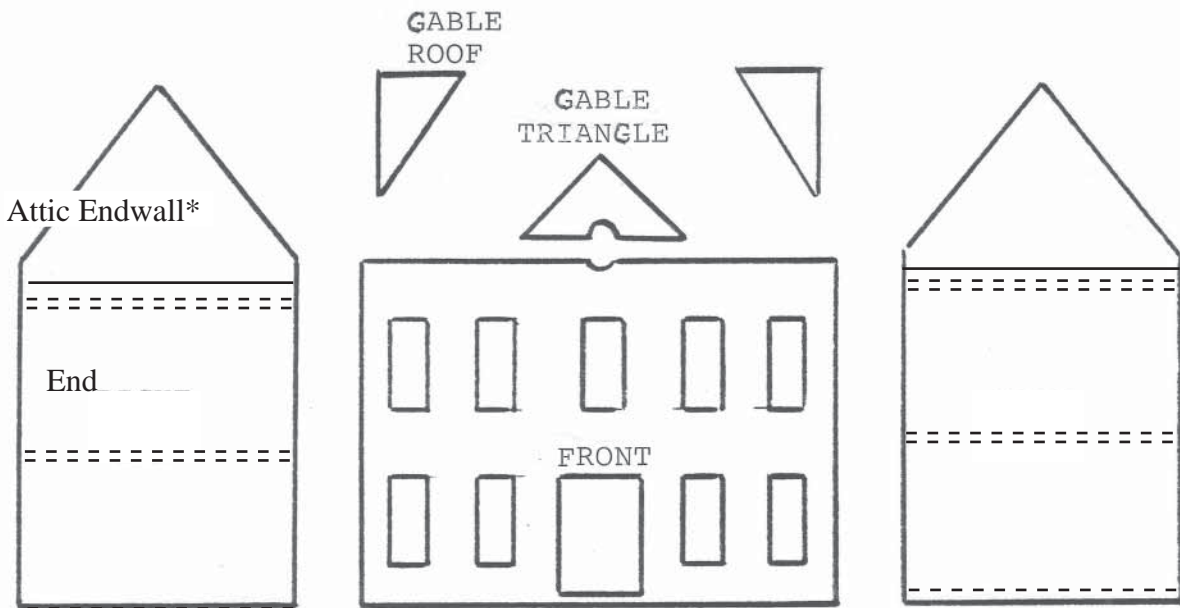
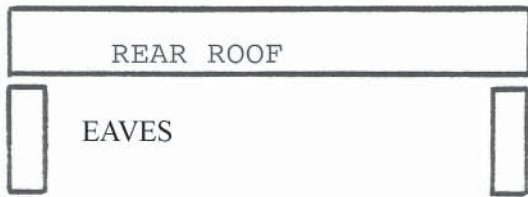
Paint the walls one coat as early in the process of sorting and managing your parts as possible. The first coat of paint fills the grain and protects it from tearing from handling, sanding, and tape. When the paint is dry, sand the clapboards one-course-at-a-time. Fold the sandpaper every few courses for a fresh sanding surface.

Pro note: painting the first coat and sanding is easiest when the parts are flat on the table. I put on one moderate coat and expect most of it to soak into the wood. Then I sand until the paint is transparent and the wood is showing through.

Paint the inside too, one coat and sand, even if you are going to wallpaper. A 3" foam roler is a handy tool for this. Consider your floor finish now as well. Staining and scoring is easier now, but applied flooring like sheet wood, tile, or carpet goes on after the house is finished.

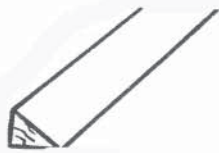
Then I build the housebody and paint again. Everything after the Walls should be fully painted before gluing it to the house. Leave a small area unpainted or scrape a bare spot in the paint for glue to grab (glue doesn't stick well to fully painted parts).

ILLUSTRATION OF MAJOR PLYWOOD PARTS

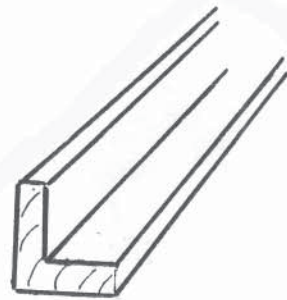


IDENTIFICATION OF SELECTED MILLWORK

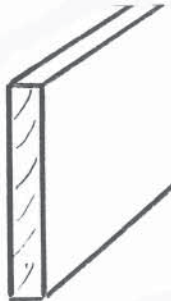
BEVELED CAP STRIPS - - - - -



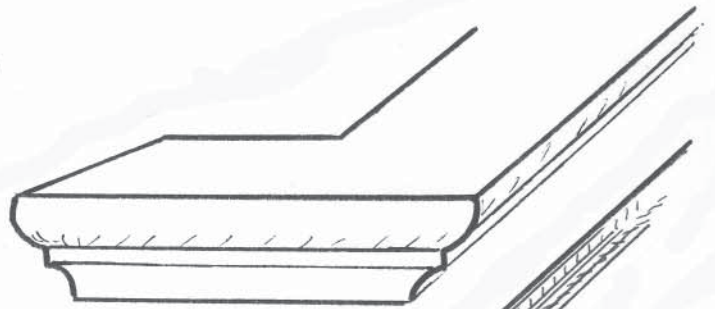
CORNER MOULDING - - - - -



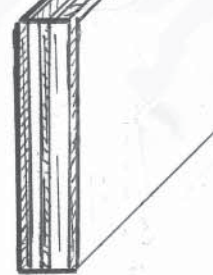
FRONT FACIA - - - - -



FRONT ROOF SOFFIT - - - - -



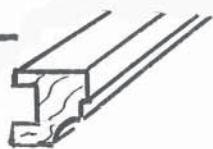
FOUNDATION - - - - -



GABLE TRIM - - - - -



ROOF MOULDING - - - - -



#601 Montclair in Milled Plywood – box 1 of 2 (Trim, Stairs, and Components are boxed separately)

*New features added in 2006 production

Parts List: Measurements are approximate and are for identification purposes only

1	Front	MP	22 1/8	36	Window Cutouts
2	Endwall [Ⓟ]	MP	22 1/8	18	Grooved
2	Attic Endwall [Ⓟ]	MP	11 1/2	18	Triangluar
1	Gable Triangle	MP	6 13/16	13 5/8	base, Oval Window
1	Base Floor	3/8	35 1/2	18	
2	Upper Floor	3/8	35 1/2	18	Stair Hole
1	Attic Ceiling	3/8	35 9/32	5 3/4	Bevels
2	Attic Partition	3/8	9	14 1/2	Angles
5	Divider	3/8	10	13 1/2	
1	Divider	3/8	10	9 1/4	Wide Door
1	Divider	3/8	10	7 1/4	Door
2	Divider	3/8	10	4 1/2	Door
1	Divider	3/8	10	1 7/8	
2	Foundation	3/8	35 1/4	1 3/4	
5	Foundation	3/8	17 3/16	1 3/4	
1	Front Roof	1/4	38	15 1/4	Bevels Gable Cutout
1	Rear Roof	1/4	38	5	Bevels
2	Eave	1/4	1 1/2	10 1/4	
1	L. Gable Roof	1/4	10	6 1/2	Angled
1	R. Gable Roof	1/4	10	6 1/2	Angled
4*	Corners	3/4Corner		19 7/8	
2	Front Facia	1 1/2 x 5/16		12 13/16*	End Bevel
4*	Side Facia	1 1/2 x 5/16		1 1/4	End Bevel
2*	Back Facia	1 1/2 x 5/16		13/16*	End Bevel
1	L Wall Cap	Triangle Molding		11 1/2	R. mit45°
1	R Wall Cap	Triangle Molding		11 1/2	L. mit45°
8	Trimstrip Stock	3/8 x 3/32		±36	
1	L. Soffit	3/4MDF	15 1/2	3 1/4	Molded Edge
1	R. Soffit	3/4MDF	15 1/2	3 1/4	Molded Edge
1*	L. Rear Soffit	3/4MDF	2 1/4	3 1/4	Molded Edge
1*	R. Rear Soffit	3/4MDF	2 1/4	3 1/4	Molded Edge
1	Step	3/4MDF	10 1/2	4	rabbet3
1	Step	3/4MDF	8 15/16	3 1/4	rabbet3
1	Step	3/4MDF	7 7/16	2 1/2	rabbet3 dado
1	Apex Block	3/4MDF	Beveled Triangle,		face 1 5/8 tall
1	3/4" Brad Pack				

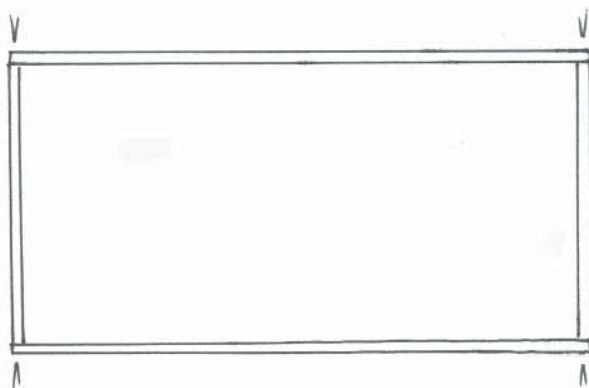
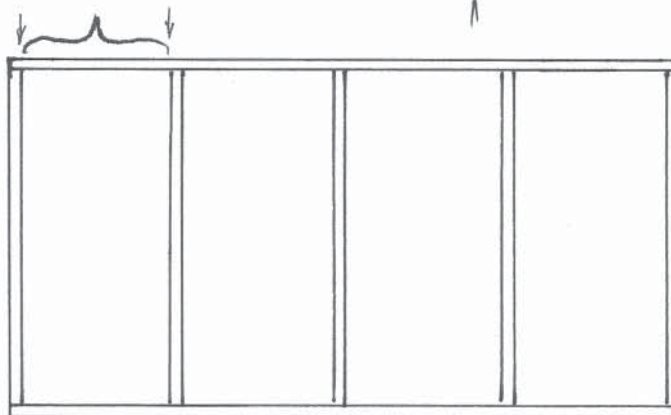
①PRE-ASSEMBLE THE ENDWALLS

Glue and tape the Attic Endwalls to the tops of the Endwalls. Make sure the clapboard profile is continuous, the edges are lined up, and the surfaces are in line on the outside. Take extra care to coax the panels to line up exactly.. more tape, straight pieces of wood and clamps, weighting the parts on a flat surface, whatever it takes to get it right. The shape that the walls are in when the glue dries is permanent. Attention to detail now will give satisfaction later!

STEP # 1 ASSEMBLE THE FOUNDATION

Glue and nail the Foundation perimeter together as shown. The long Foundations ($35\frac{1}{4}$) overlap the short Foundations ($17\frac{3}{16}$).

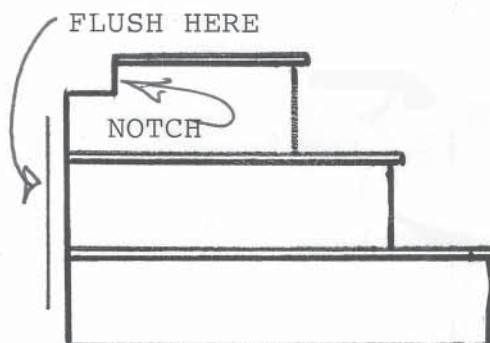
Glue and nail the middle Foundations ($17\frac{3}{16}$) place, spaced evenly ($\pm 8\frac{3}{8}$).



STEP # 2 ASSEMBLE THE FRONT STEPS

Glue and tape and weight the front steps together as shown, with the back edge straight and with each step evenly spaced side-to-side.

You will note the top step has a notch which is designed to fit under the front door and extend to the foundation.



You may wish to stain or paint Stairs, Landing Railings, and Doors and Windows (kit #601 Box 2) so that they will be ready for assembly when you are ready for them.

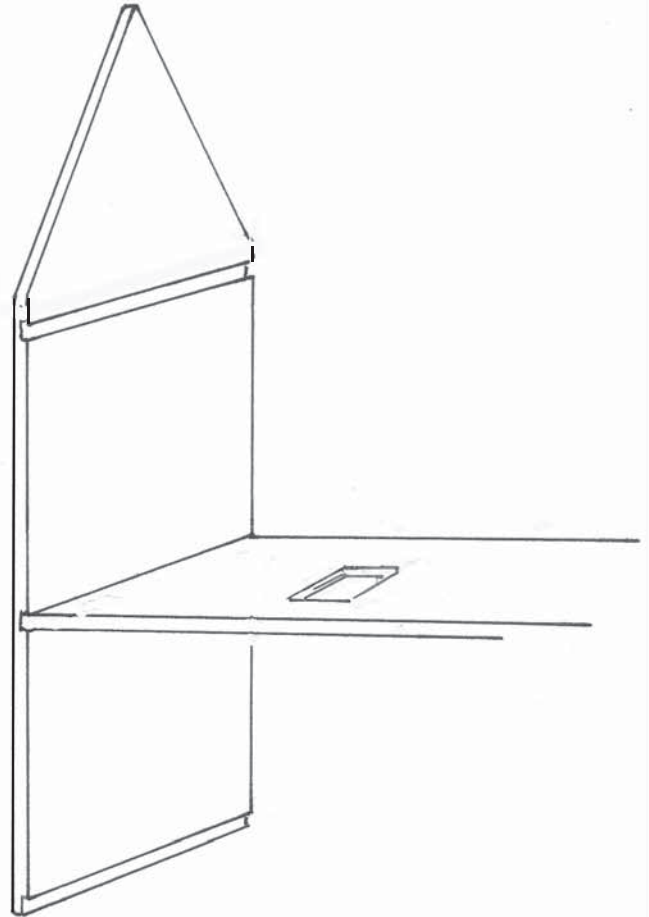
TAKE A MOMENT TO GET ORGANIZED

Being able to properly identify and orient the basic house parts will greatly simplify the assembly of your house.

A helper is VERY important for the next few steps!!

Hold an Endwall upright with the grooves facing your right.. Set a floor into the middle groove with the stair hole closer to the Endwall, and closer to you. The Endwall is now the Left Endwall (as viewed from the front)

STEP # 3 Spread glue in the upper grooves of the Endwall. Stand the Floor on end and set the Endwall onto the Floor in the middle groove, flush front and back, and with the stair hole (as above) closer to the front-left as viewed from the front. Nail the Endwall to the floor using a straight edge to line up the middle nails. Check the nails before they are driven all the way in so that if they went in crooked and have to be pulled out, there is still enough nail sticking up to grab with plyers.



STEP # 4 Glue and nail the top Floor in place, flush front and back, and with the stair hole closer to the front-left as viewed from the front.

STEP # 5 Very Carefully turn the Endwall/Floor assembly over. Glue and nail the other Endwall to the floors, flush front and back. Check that the stair holes line up with each other.

STEP # 6 Glue and nail the Base Floor into the grooves of both Endwalls, tight to the top of the grooves, and flush front and back.



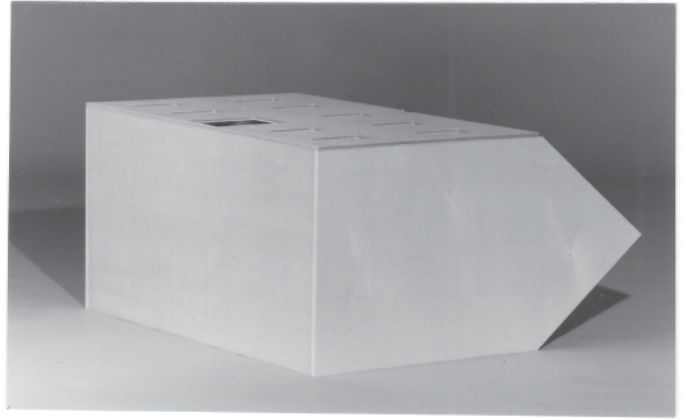
STEP #7 INSTALL THE FRONT

Rotate your assembly so that the front (the stair holes are closer to the front) is up. Set dividers between the floors so the Floors will be held straight as you glue and nail the Front to them. Apply a bead of glue to the edges of the Endwalls and Floors. Lay the Front - good side up - on the assembly. Flush the edges of the front with the bottom of the first floor and outsides of the Endwalls. Make sure the routed front door opening is on the first floor level.

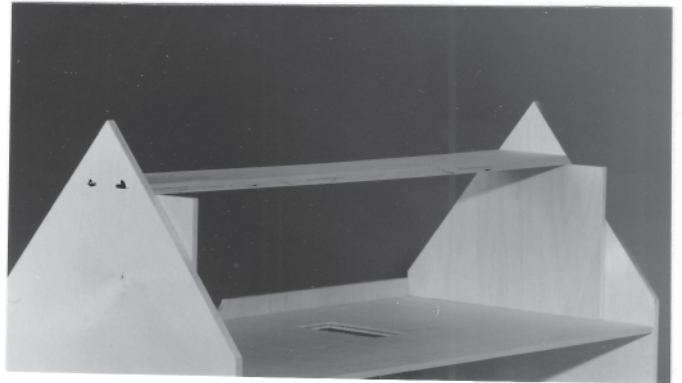
Nail the Front to the Base Floor carefully lined up all the way across.

Line up one Endwall with the Front and nail the Front to the Endwalls.

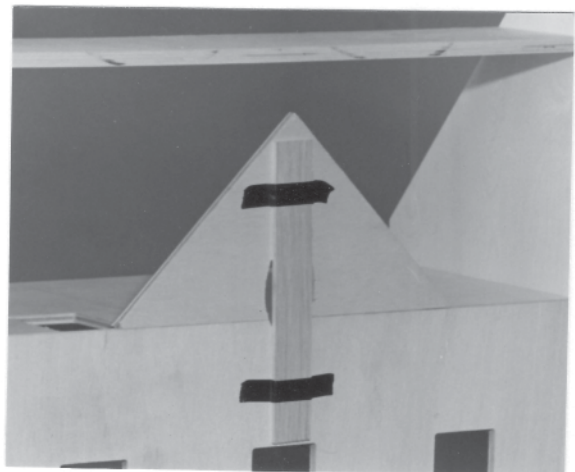
Hold the Top Floor down so the Dividers will space and straighten the Floor. Nail the Front to the upper Floors.

**STEP #8 INSTALLATION OF THE THIRD FLOOR CEILING**

Set the third floor ceiling on the two Attic Partitions (those angle cut) and align the long beveled edges of the third floor ceiling with the front and rear gable angles of the ends. Once you have test fit for the proper alignment remove the ceiling, apply glue to the short edges that mate with the ends and permanently install by nailing through the house endwalls.

**STEP #9 INSTALLATION OF THE GABLE TRIANGLE**

Locate the position of the gable triangle by aligning the oval window opening that is partially routed in the house front and the gable triangle. Glue the mating plywood edges of the two pieces. Glue and tape the Left and Right Wall Caps to the top edge of the Front, with the angled ends of the Wall Caps touching the Triangle (and confirming its location). Make sure the Triangle is perfectly lined up with the Front.



STEP #10 Now is a good time to paint the housebody. If you intend to shingle the roof, draw locating lines on the Front Roof.

STEP #11 Install the Front and Rear Roofs

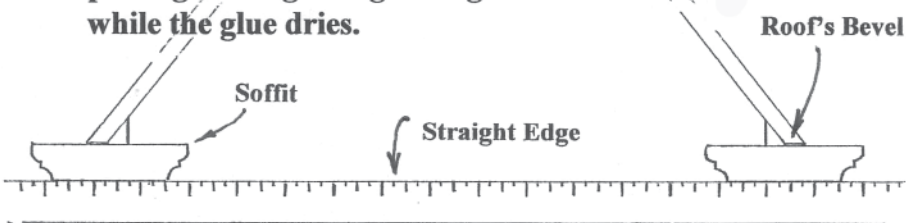
Tape together the Front and Rear Roofs at the peak (with the acute bevel). Glue, tape, and nail the roofs to the house with an even overhang (1").

STEP #12 Install the Eaves

Glue, tape, and nail the Eaves to the Rear Roof and Endwalls, lined up on the outside, and leaving an even overhang (1"). The Eaves' beveled edge faces down (like the bevel at the lower edge of the Front Roof). Let the glue dry

STEP #13 Install the Left Soffits

Turn the house onto its right side on a pillow. Test, then glue and tape the Left Front and Left Rear Soffits to the house, touching the underside of the Roofs, and lined up with each other by placing a straight-edge along their undersides while the glue dries.



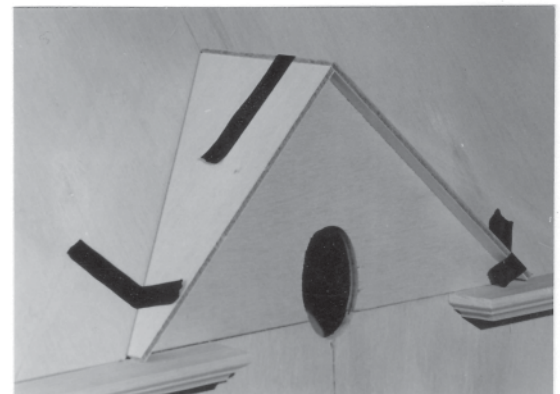
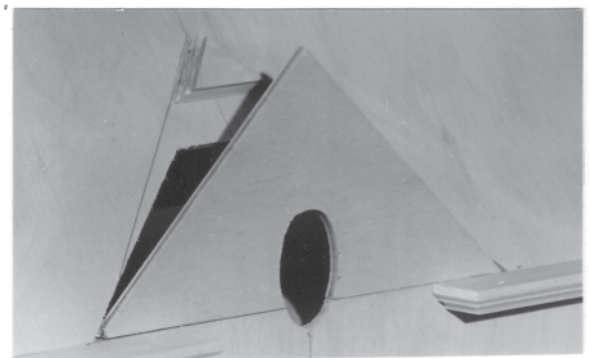
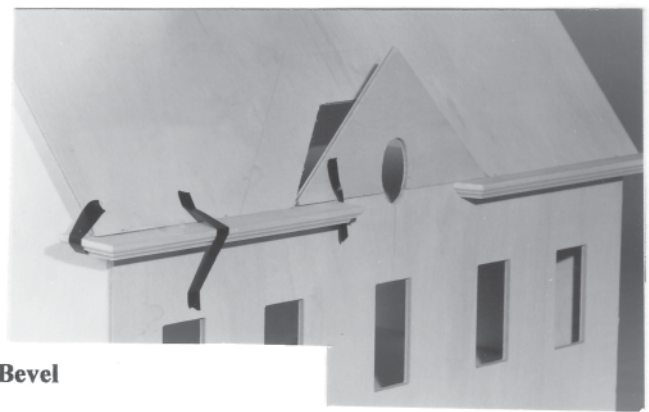
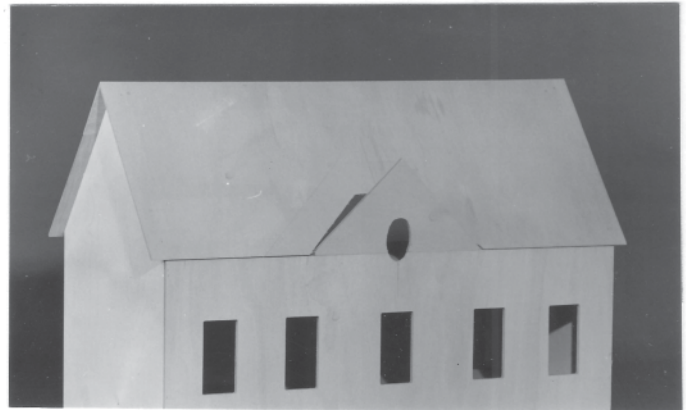
STEP #14 Install the Right Soffits

Repeat step #13 turning the house onto its Left side, and installing the Right Front and Right Rear Soffit

STEP #15 Install the Apex Block and Gable Roofs

Tape together the Gable Roofs at the peak. Place the set in place, and hold it against the Front Roof, approximately lined up with the roof cutout on the inside. Carefully lift one Gable Roof at a time and draw a line on the Front Roof along the underside of the remaining Gable Roof. The intersection of the two lines you have drawn locates the Apex Block. Glue and tape the block in line with, and just under, the intersection of the two lines. Let the glue dry.

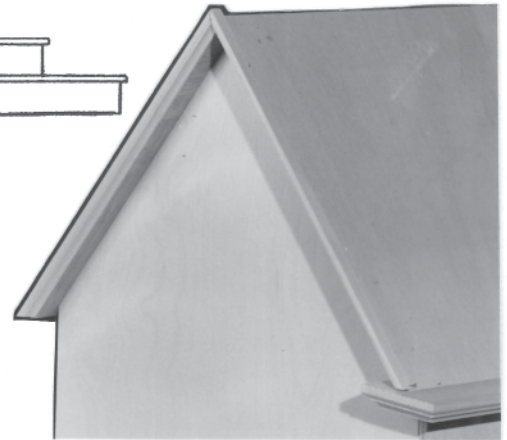
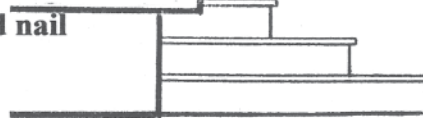
Glue and tape the Gable Roofs together, to the Gable Triangle, Apex block, and Front Roof. Tape from the inside; let the glue dry.



STEP # 16 Attach the Foundation and Front Steps

Apply glue to the top edge of the foundation set. Place your house on the foundation, centering it side-to-side. Locate the foundation front-to-back to match the depth of the notch in the front top step. Actually use the front step as a gage to insure proper spacing. Tape, weight, and nail the house to the foundation to make sure everything is flat as the glue dries. Glue the Front Step set the foundation centered under the Door.

NOTCH IN FRONT STEPS DEFINES BACKSET OF FOUNDATION



STEP # 17 Install the Nosing

Glue and tape Right and Left Nosing sets onto the roof edges. You will note that the moldings, when installed, are not flush with the roof top. These protruding edges will act as "stops" if you choose to shingle your house. Glue and tape the Gable Nosing to the Gable Roof panels.

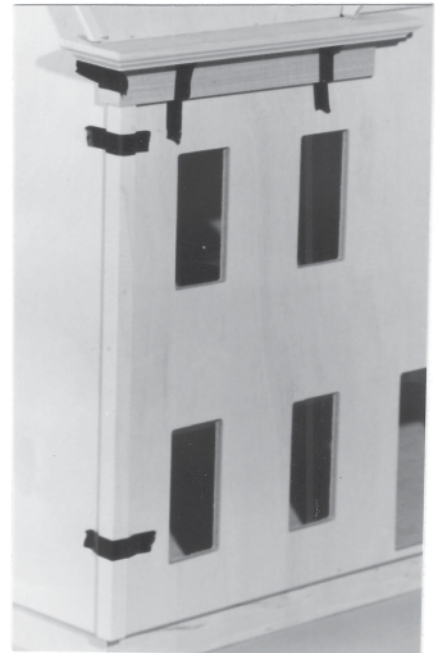
Left Side Facia cross-section, viewed from the top



STEP # 18 Install the Facia and Corners

Glue the left and right sets of pre-mitered facia sets against the house, directly under the left and right soffits.

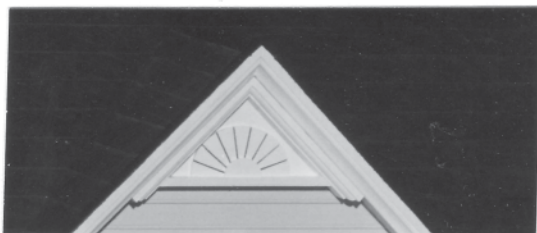
Glue and tape the Corners on the house corners.



STEP # 19 Install the Peak and Eave Trim

Glue a set (one piece of Peak Gingerbread and two pieces of flat Eave Trim) to the back edge of the main house Roof Nosing. Repeat on the opposite end.

Glue and tape the Gable Trimblock (U-5252) to the Gable Triangle and Gable Roofs.



STEP # 20 INSTALL THE FRONT DOOR, WINDOWS, SHUTTERS, AND GINGERBREAD

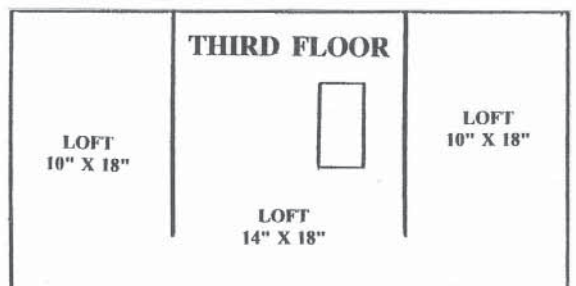
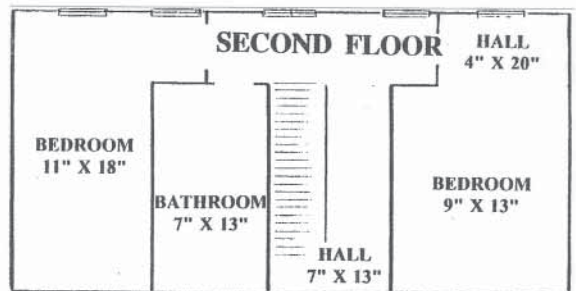
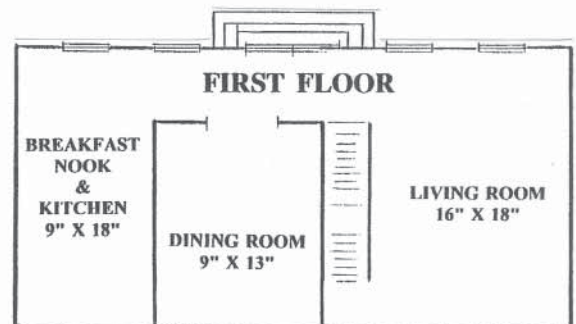
The front door and windows install from the exterior of the house. Apply glue to the component flanges and insert in openings. Use a square to insure windows are vertical in the rough openings as the glue sets. Glue pairs of shutters on either side of each window. Glue gingerbread (Gb-34) on the facia.

Interior

Our Assembly Pro finishes the interior of a few houses each year. Here is the order that he follows for tackling interior finishing...

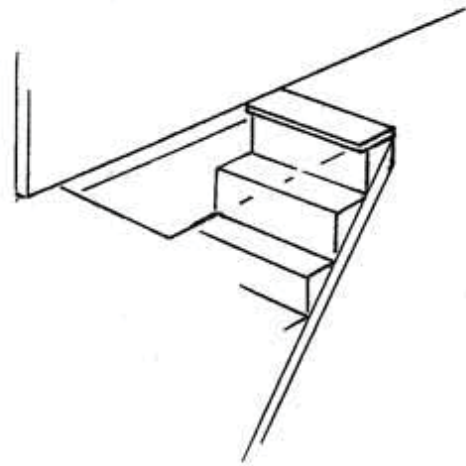
- Electrical Wiring (he only uses tape style)
- Score and stain floors
- Wallpaper (use Yes® glue)
- Dividers
- Carpeting
- Stairs
- Molding and trim

1. Install the Dividers: Without glue, set up and adjust the position of the dividers. Make sure you can get into all the spaces to install wallpaper, flooring, trim, or whatever else you have planned for those spaces; delay permanent installation of Dividers that get in the way. Lightly mark the position of all the dividers, then re-install the permanent ones with glue. Dividers may be set up in a different way then shown, they may have new door holes cut (like at the bottom of the stairs), they may be left removable or even cut into pieces for more options. Plan ahead for the most satisfaction.



2. Assemble the stairs: Our Assembly Pro always wallpapers and installs flooring before permanently installing the stairs.

- Without glue, test a Stair Base and Top Tread (un-drilled and shorter than the other treads) in a stair hole. Square out the stairhole corners for a good fit. The stairs are tight to the wall and the Top Tread is flush with the floor. Glue the Top Tread in place.
- Mark the position in a few spots (this helps avoid glue-smear) then re-install the Stair Base with glue.
- Glue the rest of the Treads to the Stair Base with the holes away from the wall. Use only 2 dots of glue 1/4" from the ends of each tread to avoid warping.
- Glue a spindle into each hole.
- Without glue, test the fit of the Banister with Posts at the top and bottom. Glue the top Post in place. Glue the Banister to the top Post and the Spindles.
- Glue the bottom Post in place
- Repeat the above steps for the other stair set



3. Install the Landing Railings

The Dollhouse part of your project is now done.

Enjoy the rest!

