

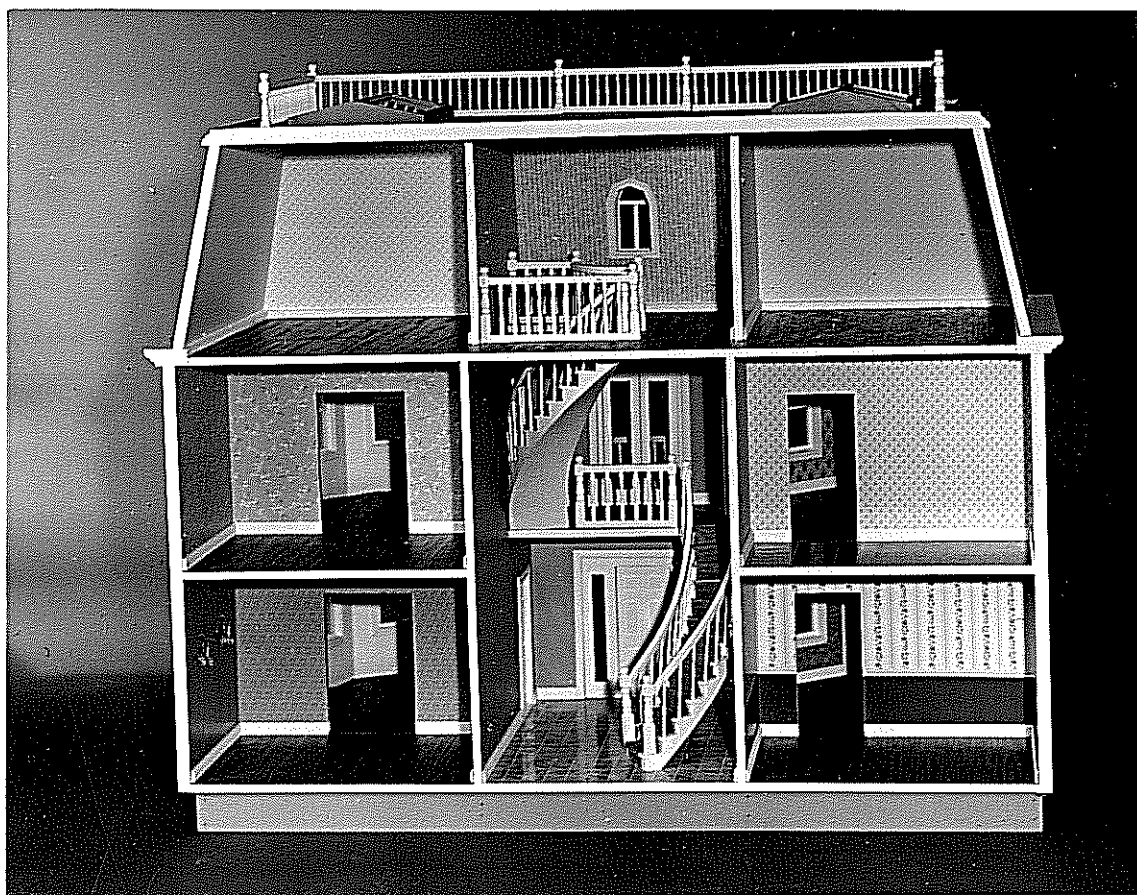
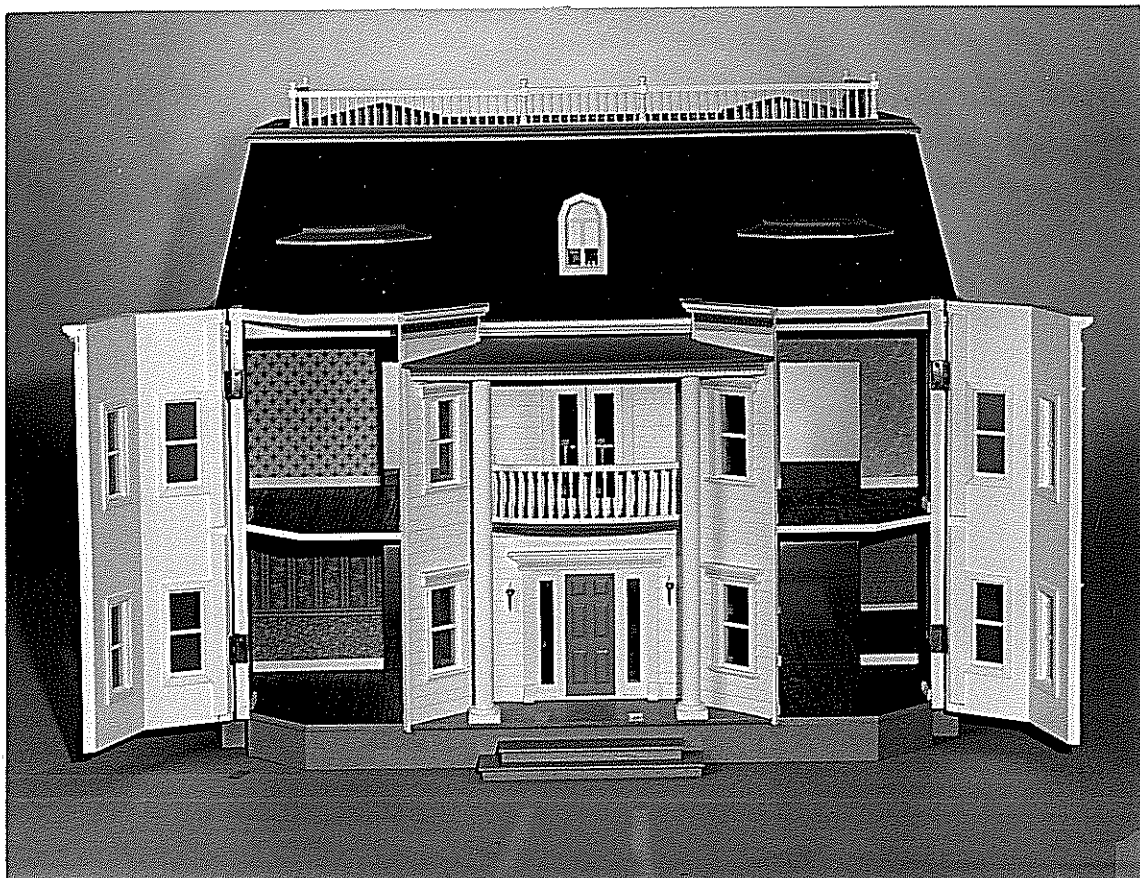
the ***Foxhall Manor*** TM

Dollhouse Kit #600

by **Real Good Toys**
America's First Quality Miniature houses

Assembly Instructions version 9/02





Foxhall Manor, Model #600

By Real Good Toys

CONGRATULATIONS on your selection of the *FOXHALL MANOR* dollhouse kit. You are about to assemble one of the highest quality, pre-cut dollhouse kits available on the market today.

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

The FOXHALL MANOR kit is recommended for individuals with woodworking or dollhouse assembly experience. Several steps of the assembly require advanced woodworking skills.

TOOLS: The basic tools you will need include a hammer, tape measure, masking tape, hand drill with 1/16" bit, screw driver with #1 phillips tip, square, sandpaper, utility knife, and white glue.

PAINTING: Before you begin construction, we recommend that you choose your paint color scheme. The main body of the house as a "Shell" may be painted after it is assembled but any house parts requiring a different paint color should be painted before attaching to the house. If, during final assembly any paint is marred, it can easily be "touched up"

MODIFICATION: You may want to modify your kit during initial assembly. Changing door openings, adding dormer windows, and clapboard are examples of items you may want to consider as you build your house. The instructions will note the best times to make some of these changes. More advanced modifications, such as electrification, are not covered in these instructions. We suggest that you consult suppliers specifications for their recommendations for installing their individual products.

INSIDE CORNERS: Square the inside corners of cutouts that are left rounded by the machining operation. Use a utility knife and cut from both surfaces to avoid split out.

To help you have a successful dollhouse building experience we suggest the following: READ the instructions carefully, IDENTIFY parts accurately, TEST ASSEMBLE parts wherever possible before permanent assembly, and work on a flat, level surface.

Happy Building!

Kit #600 Box 1 Parts:

6	Bay Wall	3/8ply	22 1/8	5 3/16	bev 22 1/2Λ	Route
1	L Inside Bay Return	3/8ply	22 1/8	2 13/16	bev 22 1/2	
1	R Inside Bay Return	3/8ply	22 1/8	2 13/16	bev 22 1/2	
2	Large Outside Return	3/8ply	22 1/8	1 3/4		
1	L Small Outside Return	3/8ply	22 1/8	7/8	bev 22 1/2	
1	R Small Outside Return	3/8ply	22 1/8	7/8	bev 22 1/2	
1	Center Front	3/8ply	21 3/8	11 5/8	doors	
2	Left & Right Front	3/8ply	21 3/8	2		
2	Endwalls	3/8ply	21	17		
1	First Floor	3/8ply	38 1/2	23 5/16-	Route	
1	Second Floor	3/8ply	38 1/2	23 5/16-	Route	
1	Third Floor	3/8ply	39 3/16	17	Route	
2	Center Hall Partition	3/8ply	20 5/8	17	doors	
2	Partition	3/8ply	10 1/8	13 3/8	std door	
2	Partition	3/8ply	10 1/8	13 3/8	wide door	
2	Attic Partitions	3/8ply	10	25 1/4	miter	2 notches
1	Portico Floor	3/8ply	17 3/8	6	Shape	
1	Roof Front	1/4ply	38 7/16	10	miter	dormer cutout
1	Roof Top	1/4ply	33	14 1/4	skylight cutouts	
2	Roof Sides (Lt. & Rt.)	1/4ply	16 3/4Base, 14 5/8Top	10		
1	Portico Roof	1/4ply	18	6 5/8	Shape	

Bay Roofs:

6	Bay Roof	1/4ply	Bev//	4	4 5/8 base
2	Right Bay Roof Return	1/4ply	Bev//	4	3 1/16 base
2	Left Bay Roof Return	1/4ply	Bev//	4	3 1/16 base

Continued

Foxhall Walls:

A Dotted Line denotes a bevel on the inside of the edge

L Small Outside Return

Large Outside Return

Left Front

Bay Wall

Inside Bay Return

Center Front

Bay Wall

R Small Outside Return

Large Outside Return

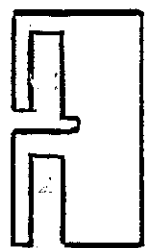
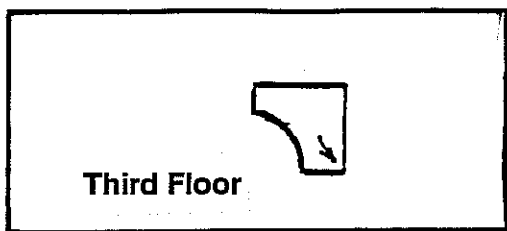
Right Front

Endwall

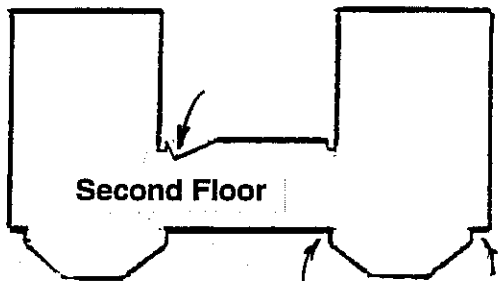
Endwall

Hinged

Hinged



Center Hall Partition



Square the interior corners
(see page 3)



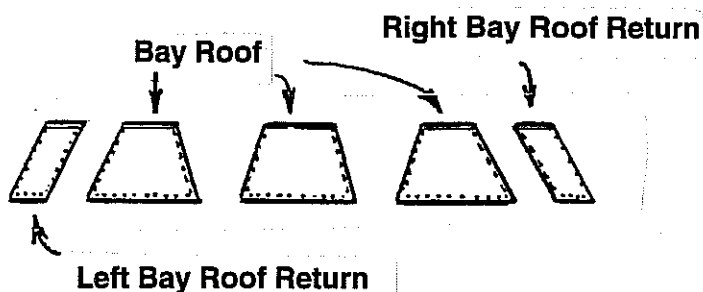
Partition
std door



Partition
wide door



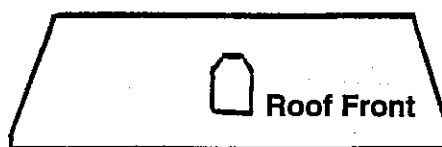
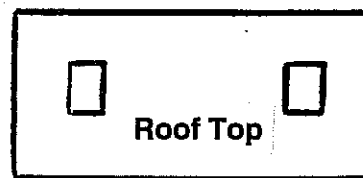
Attic Partition



Portico Floor



Portico Roof



Kit #600 Box 1 Parts, continued:

Longs

1	Front Overmolding (Roof Top)	3/4 x 1 1/2mldg	35 1/2	Grooved	Mit 45°Λ
1	Right Side Undermolding	3/4 x 2 3/16mldg	18 7/8	Grooved	Mit 45°R
1	Left Side Undermolding	3/4 x 2 3/16mldg	18 7/8	Grooved	Mit 45°L
1	Roof Reinforcing Strip (Roof Top)	3/4 x 3/8	32 5/16-	Grooved	



Roof Reinforcing

Shorts

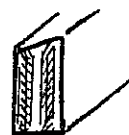
1	Right Side Overmolding (Roof Top)	3/4 x 1 1/2mldg	15 7/16	Grooved	Mit 45°R
1	Left Side Overmolding (Roof Top)	3/4 x 1 1/2mldg	15 7/16	Grooved	Mit 45°L
1	Center Front Undermolding	3/4 x 2 3/16mldg	10 29/32		
2	Bay Soffits	3/4 x 11/32	1 1/8	12 1/2	2 Notches
1	Portico Roof Beam	pine x 1 3/16	13°	13 3/8	
1	Portico House Beam (Plywood)	3/8ply x 13/16	13°	10 3/4	
2	Roof Retainer Strips	1/2 x 3/8 w/13°groove		12 1/2	
2	Roof Corner Molding	Rounded 3/4 Corner		// E: 9 13/16	
1	Right Roof Side Deco Channels	1/2 x 3/8 w/groove		// E: 9 9/16	
1	Left Roof Side Deco Channels	1/2 x 3/8 w/groove		// E: 9 9/16	
1	Porch Lip	3/16 x 3/16		17 3/8	



Deco Channel



Portico Roof Beam



Portico House Beam

Stubby

1	Left Inset Undermolding	3/4 x 2 3/16mldg	Mit145oL; E1 5/8	2 13/16
1	Right Inset Undermolding	3/4 x 2 3/16mldg	Mit145oR; E1 5/8	2 13/16
2	Undermolding End Caps	3/4 x 2 3/16mldg		3/16
2	Overmolding End Caps (Roof Top)	3/4 x 1 1/2mldg		3/16



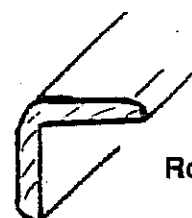
Roof Retainer

Plinths

2	Square Plinth Blocks	1/2	1 1/2	1 1/2
2	Round Plinth Blocks	1 1/4 Dowel	3/8	

Foundations (long pack)

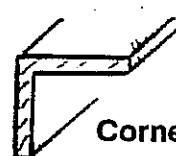
1	Rear	3/4 pine	2	38 3/4	Bev 45°Λ45
2	Sides	3/4 pine	2	17 1/8	Bev 45°Λ45
1	Front	3/4 pine	2	28 1/8	Bev 22½°Λ22½°
2	Interior Long	3/4 pine	2	21 3/4	
1	Interior Short	3/4 pine	2	10	



Roof Corner

Foundations (short pack)

2	Return	3/4 pine	2	2 5/8	Bev 22½°
2	Inset	3/4 pine	2	2 9/16	Bev 45°
2	Bay	3/4 pine	2	4 3/4	Bev 22½°Λ22½°



Corner Molding

Trim Strips

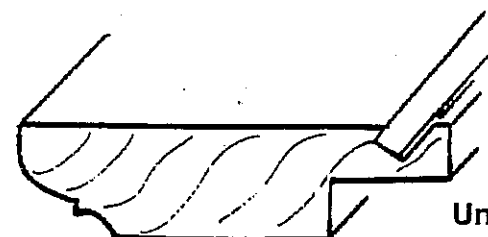
6	Facia	3/4 x 3/16	23 3/4
12	Stripwood:	3/8 x 3/16	23 1/2
6	Stripwood	3/8 x 3/32	23 1/2
16	Stripwood:	1/4 x 3/32	23 1/2
12	Stripwood:	7/16 x 3/32	23 1/2



Overmolding

Hardware

4	Hinge #300	1	1 1/6
2	Magnetic Catch Set		
20	Screw 1/2" #5		
2	Screw 5/16" #5		
1	3/4" Brad Pack		
8	Finishing Nails (for the foundation)		



Undermolding

6	Dentil Molding	U-5262	23 15/16
2	Corner Molding	3/4Corner	21

1	Bottom Stair Block	3/4 pine	3	11 1/2	Rabbet3
1	Top Stair Block	3/4 pine	2	9 1/2	Rabbet3
2	Pillars	1" Dowel	17 7/8		
2	Bay Caps	3/4 MDF	8 1/4	5 3/4	Shaped Bev
2	Bay Ceiling	3/4MDF	14 3/4	8 1/8	Shaped Bev

Kit #600 Box 2 Parts (box 2 is packaged and may be sold separately)

Landing Rail

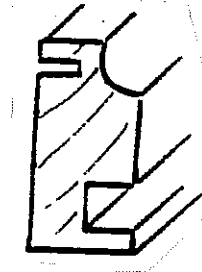
2	Second floor Landing Rail	Rail-W	4 1/4
2	Third Floor Landing Rail	Rail-W	2 9/16
2	Third Floor Landing Rail	Rail-W	7 1/8
2	Circular Landing Rail (T & B)	Circular	6 3/4
37	Stair Balusters	#3013A	2 5/8
7	Newell Posts	#3006	3 3/4

Widows Walk Pack

6	Newell Posts	#3007	2 3/4
4	Pre-Assembled Rail	#3032A	12
1	Pre-Assembled Rail	#3032A	5 3/4

Skylight

4	Side Moulding	5/8	1 3/16	7 3/16
2	Front Moulding	5/8	1 3/16	5 1/4
2	Rear Moulding	5/8	3/4	5 1/4
2	Interior Frame	5/8	5/16	5 1/4
2	Skylight Pane	Plexi	4 3/8	6 5/16



Door & Windows

		individually boxed
1	Col. Door W/ Side Lights	#1004 or #6010 (they are the same)
1	French Door	#1010
12	Colonial Window	#2064N

1004/6010 Door Interior Trim

1	Top Trim	3/8 x 1/8 Fluted	6 5/8	Miters
1	Right Trim	3/8 x 1/8 Fluted	7 9/16	Miter
1	Left Trim	3/8 x 1/8 Fluted	7 9/16	Miter

Assembled Circular Stairs (U-4010) 2 boxes

Dormer Window (U-2098)

1	Window Frame
1	Window Pane
1	Assembled Dormer Body
1	Interior trim

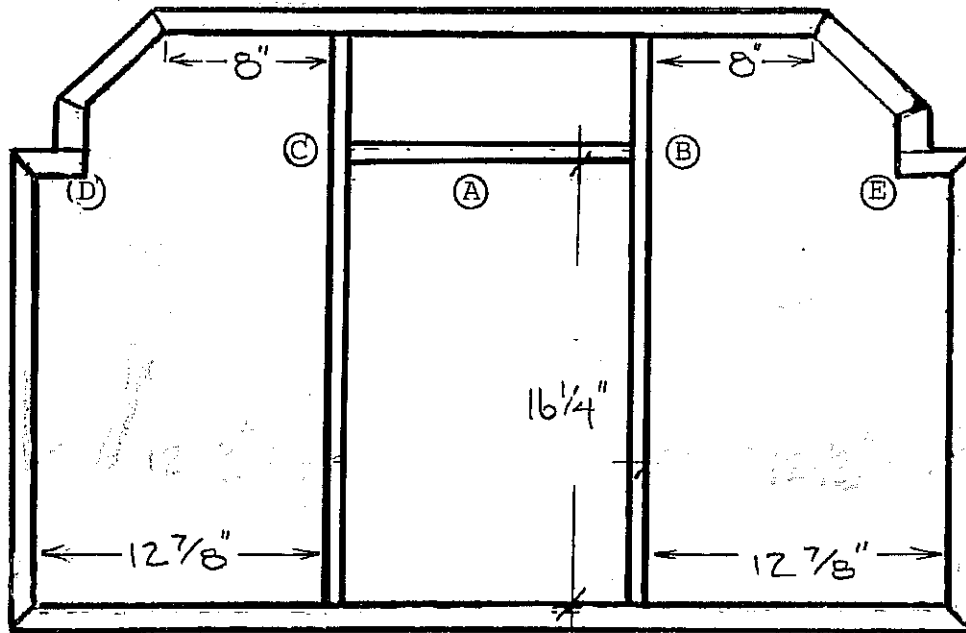
Balcony (U-5422)

1	Balcony Block	1/2	10 3/4	3 5/8	Rounded profile
2	Circular Rail (T&B)	Special: Circular		10	
20	Balusters	#3012	2 5/8		
4	Newell Posts	#3006	3 5/8		
4	Return Rails (use is optional)		1 1/2		

STEP #1: ASSEMBLE THE FOUNDATION

The foundation is made of 3/4" thick x 2" high pine.

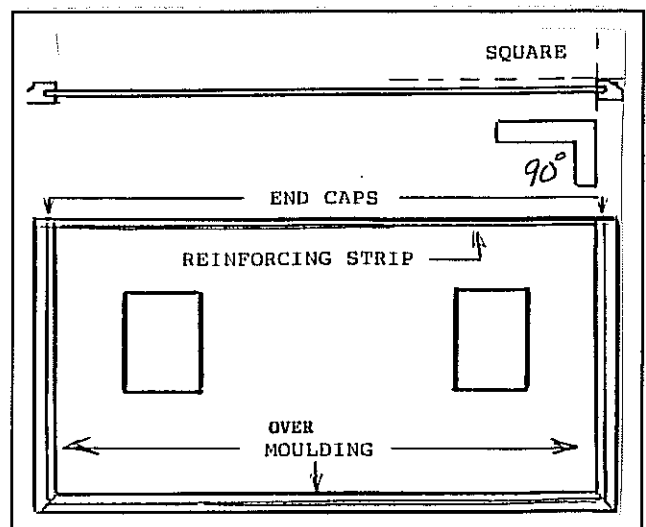
First assemble two D and E sets, then the A,B,C group. Make sure the 10" center piece (A) is located 16 1/4 from the rear ends of B & C. Glue and nail the Front and Rear Foundations to ABC, Centered. Glue and tape the rest of the Foundation together. Set the Foundation on the Base Floor, and hold the foundation parts parallel to the floor's edges as the glue dries (the spacing changes from edge to edge, but each space is still parallel).

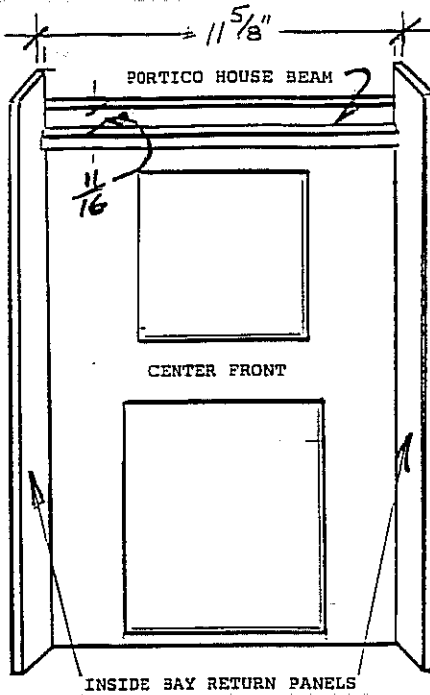


STEP #2: ASSEMBLE THE ROOFTOP

Glue Overmolding End caps to the square ends of the Left and Right Side Overmolding.

Pre-paint parts if your finishing plan is for different colors. Test the Front and Side Overmoldings plus the Roof Reinforcing Strip on the Rooftop. See where glue is needed. Glue and tape the Rooftop set together. Stretch tape across the mitered corners for a tight fit.





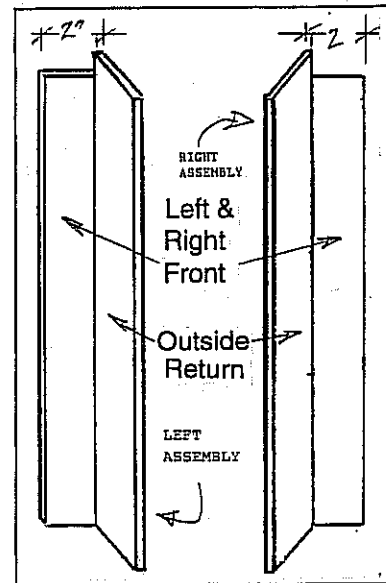
STEP #3: ASSEMBLE THE CENTER FRONT AND INSIDE BAY RETURNS

Test the Inside Bay Return walls ($22\frac{1}{2} \times 2\frac{15}{16}$) with the Center Front wall (the Front overlaps the Bay Returns). See that the bevels are as illustrated, and that the set is perfectly flush on the bottom and both edges. Glue and nail the assembly as illustrated..

Glue the Portico House Beam $1\frac{1}{16}$ " below the top edge and on the outside surface of the Center Front wall, centered between the Bay Returns. Make sure that the beveled edge of the beam is "up" and that the slant is forward and down, away from the Front Panel.

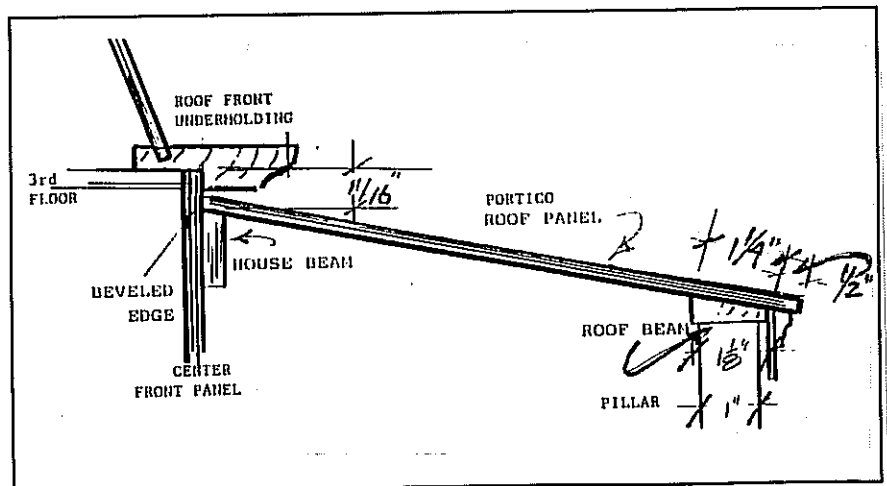
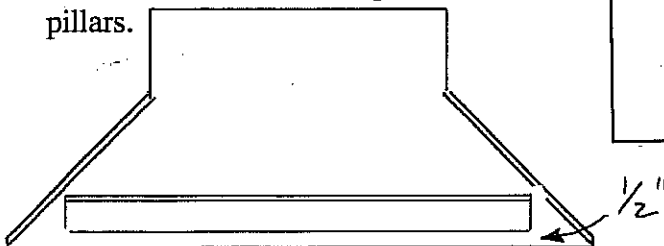
STEP #4: ASSEMBLE INSET WALLS

Test assemble the Large Outside Bay Returns ($22\frac{1}{8} \times 1\frac{3}{4}$) and the Left & Right Fronts ($21\frac{3}{8} \times 2$). You are making a Right and a Left Inset Wall set; take care to make one of each! The Front overlaps the Outside Bay Return, the sets are flush on the bottom



STEP #5: ASSEMBLE THE PORTICO ROOF AND PORTICO ROOF BEAM

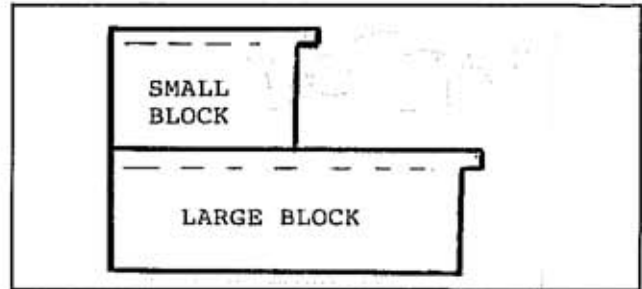
The wider, beveled face of the Portico Roof Beam is glued to the under side of the Portico Roof panel $\frac{1}{2}$ " in from the long, front edge. When the portico roof is installed on the house in its downward sloping position the beam's square face is parallel to the porch floor and gives a flat surface to meet the tops of the pillars.



STEP #6:

ASSEMBLE THE FRONT STEPS

Glue the Top Stair Block to the Bottom Stair Block, centered side to side, flush along the smooth (not shaped) back edge.



Stairs: See the next page and the one after that for Stairs' Fitting Customization

Then come back to step 7

STEP #7: ASSEMBLE THE BALCONY AND LANDING RAILS

The Rooftop Railings are already assembled and will be used as a baluster spacing guide for the straight railings that you will assemble. Lay out all the rails and one set of assembled Rooftop Railings.

- a. Match up unassembled rails into pairs of the same length
- b. Set one rail against the assembled Rooftop Railing centered on the balusters so that the distance from the end of the rail to the next baluster in the assembled railing is the same on each end.
- c. Count the number of balusters that line up with the rail and compare that number with the chart below. If the number of balusters is different from the chart, slide the rail over 1/2 baluster space, and count again.
- d. With the rail perfectly centered on the balusters. Mark the baluster locations on the rail. Hold the other rail of the assembly pair against the marked rail, and mark the second rail to match the first.
- e. Check the fit of a baluster in the rail's groove. If it's too tight, drag the end lightly over a piece of sandpaper. Dip the base end* of the baluster in a small puddle of glue and push it into the rail at a mark. *the balusters are not symmetrical: you must be careful to install them all "right side up".
- f. Add the rest of the balusters in the same fashion.
- g. Dab glue on the baluster's ends. Work the second rail into place starting at one end. Squeeze the starting end while progressing toward the other, feeding one baluster end and then the next into the rail, lined up with the marks.
- h. Check the assembly with a square. Individual balusters can be adjusted by gently grasping one end with pliers and "rocking" them into position. Set aside to dry.

Curved Railings: Mark curved rails using a flexible tape measure laid in the groove. Start at the center and mark a baluster location every 1/2". Assemble the railings as above.

Rail Set Summary:

Balcony	(±10" curved): (16)	#3012 balusters	(center within the groove is ±.4 ¹³ / ₁₆)
Second Floor	(4 ¹ / ₄ straight): (7)	#3013A balusters	
Third Floor	(7 ¹ / ₈ straight): (14)	#3013A balusters	
	(2 ⁹ / ₁₆ straight) (5)	#3013A balusters	
	(±6" curved) (11)	#3013A balusters	(center within the groove is ±3 ¹ / ₈)

Stair and Landing Railing Supplemental instructions.

Read this before you build your Landing Railings (step 7), or install the Stairs (step 36)

600 Box 2 Stair Accessory pack contains:

2 Stair Lifter $1/8 \times 7/8$ $3^{1/32}$ angled
1 Receiver $1^{1/32} \times 1^{1/8}$ $3^{1/4}$, angled, beveled

Prepare to Install the Stairs

(any time after step 12 of the instructions)

Plan ahead – Wallpaper, wiring, entryway flooring... many interior finishing products should go in the house before attaching the stairs.

Glue the Receiver to the edge of the Stair Cutout in the 3rd floor. The Beveled edge faces up; it will accept the beveled back edge of the Circular Stairs.

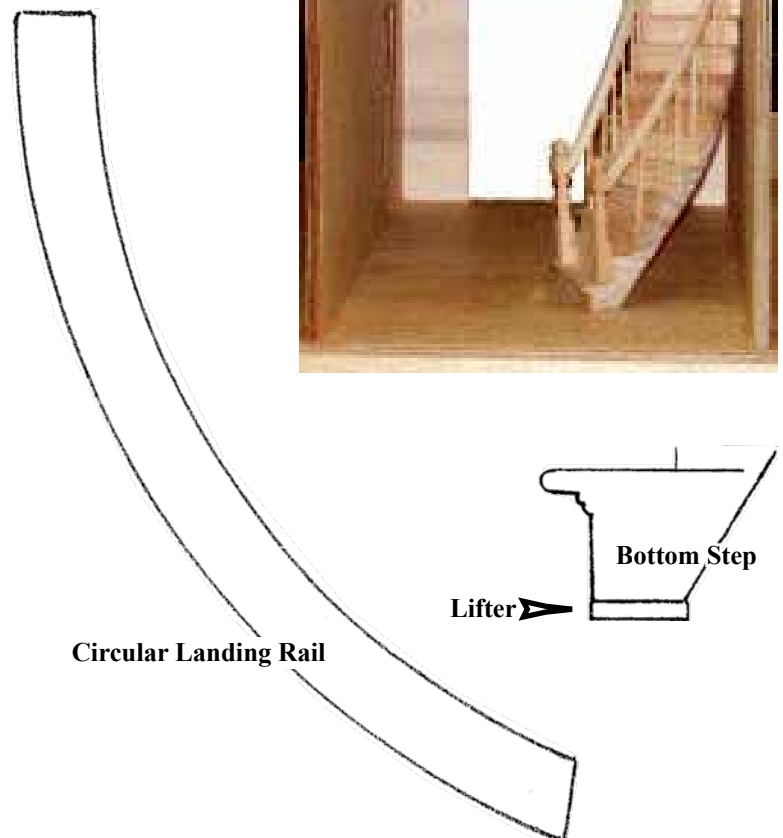
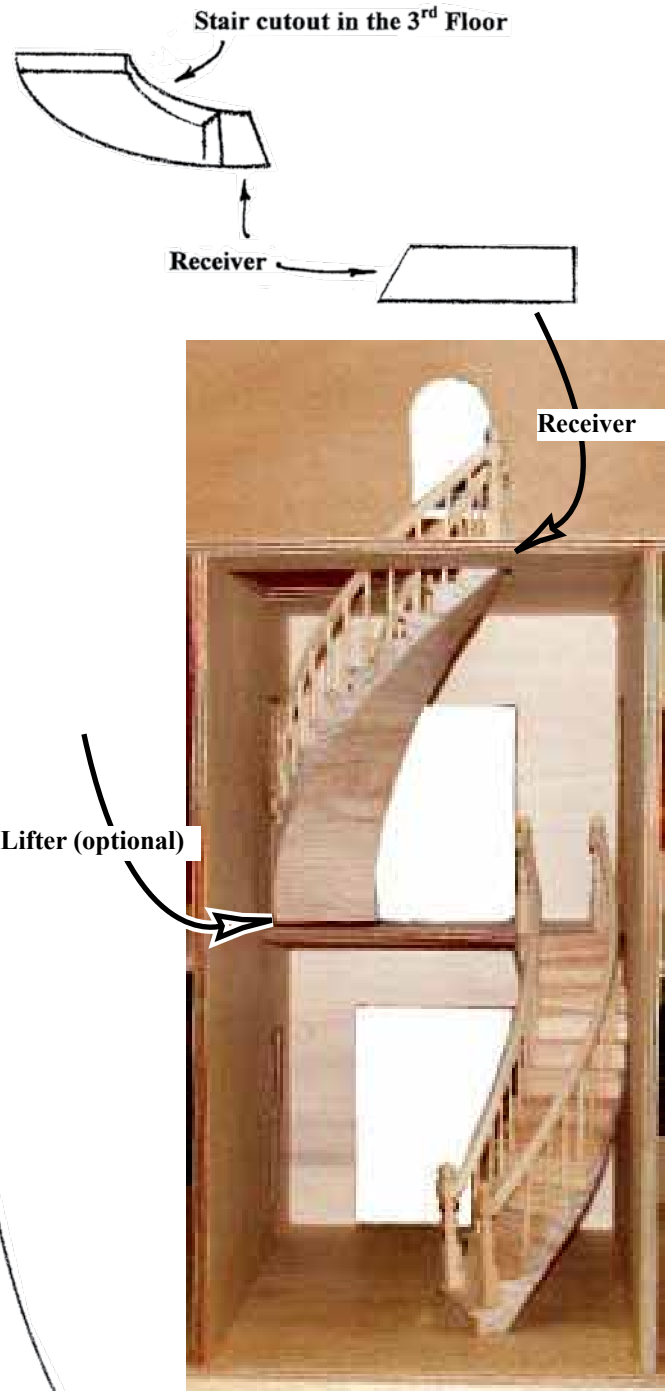
Glue the Stairs in place after they are finished and after interior finishing is complete. Stairs can be painted or finished with a surface stain, but do not use a penetrating stain. The Stairs are a hand-made natural wood product and there can be differences in exactly how they fit in your house. Test the Stairs in place with all the flooring thicknesses accommodated so you can see *exactly* how they will fit. The Stair Accessory Pack contains Lifters to adjust how the stairs fit, but in most cases the Lifters won't be used.

Fine-tune the Landing Railings (delay step 7 until you can test the stairs and landing rails in the house). The Circular Stairs are a hand-made product which come out slightly different every time; this means that the “perfect” length for the landing railings to perfectly line up the Landing's newel with the Stair's newel is different every time. I temporarily set the stairs in the stair cutout (with the 3rd floor Receiver installed) and mock-up the landing railing layout with all of the newels in place. Then, I cut the Landing Railings to the perfect length.

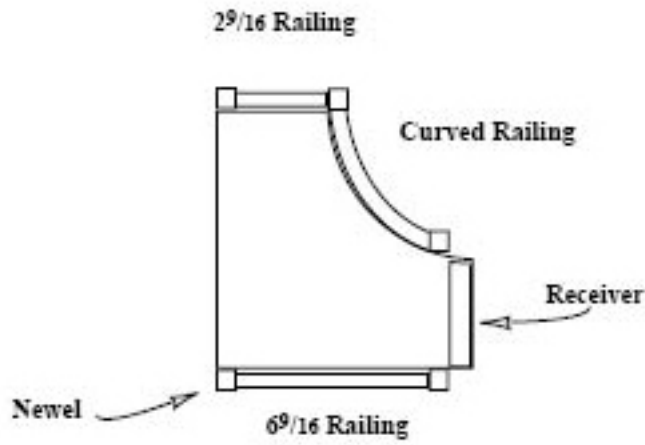
Test then cut the $7^{1/8}$ ” Landing Rail to the perfect length (as I write this, I am building a 600 and installing the Stairs. The straight Landing Rail in my model is $6^{9/16}$ long. The “center Baluster” (see step 7) is now at $3^{9/32}$ (just over $3^{1/4}$) and the Railing uses 13 Balusters). Yours may be different... test it and see.

Test then cut the Circular Landing Railing to the perfect length. I have traced the one I am using for my model. Take Care! The end is no longer square to the Railing. That means I have to make my cut on the Rail pair with one rail facing up and one rail facing down, and I have to install them aimed the same way I cut them to fit. The “center Baluster” is now at $2^{9/16}$ (just over $2^{1/2}$) and the Railing uses 9 Balusters.

Yours may be different.. test it and see.



W-600 Third Floor



The Railing sizes shown are cut-to-fit based on the actual fit of the Circular Staircase



Landing Railings without trimming



Landing Railings with trimming



Now back to the house

STEP #8: ASSEMBLE THE FIRST FLOOR, ENDS, AND INSET PANELS

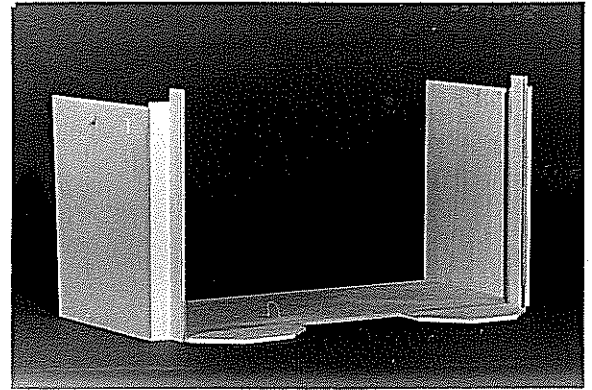
Lay the house on its back

Glue and nail the left and right End Walls to the First Floor (best face up).

Test the fit of the walls on the floors; square the floor's inside corners (see page 3)

Glue, tape, and nail the Inset Panels/Outside Bay Return assemblies to the front edges of the floor and End Walls, flush along the bottom edge.

Tape two sets of Partitions (adding up to 20 1/4 tall) to the End Walls. Set the 2nd floor on the Partitions, between the End Walls. Use the 2nd floor to line up the End and Inset Walls.

**STEP #9: INSTALL THE CENTER FRONT**

Test the fit of the walls on the floors; square the floor's inside corners (see page 3)

Attach the Center Front/Inside Bay Return assembly between the bay floors. Glue and nail to the First Floor flush along the bottom edge.

STEP #10: INSTALL THE THIRD FLOOR

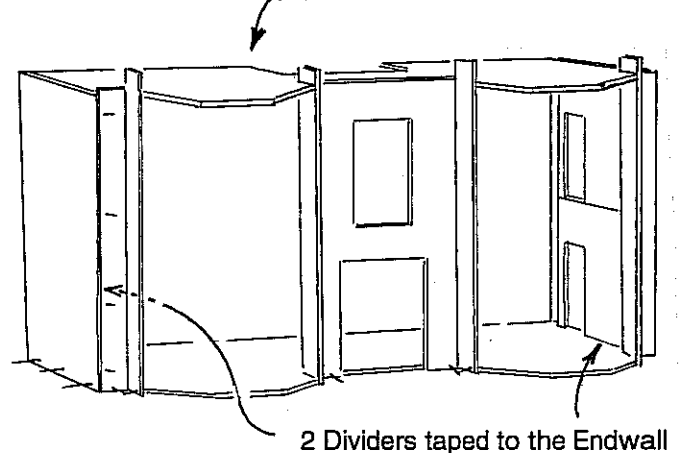
Stand the house up. Keep everything tight to the 2nd Floor as you attach the 3rd Floor.

Test the 3rd Floor on the house. The 3rd Floor sits on top of the End Walls with the rounded corner of the 3rd Floor stair opening toward the front right corner of the house as viewed from the rear (see the illustration @ step #19).

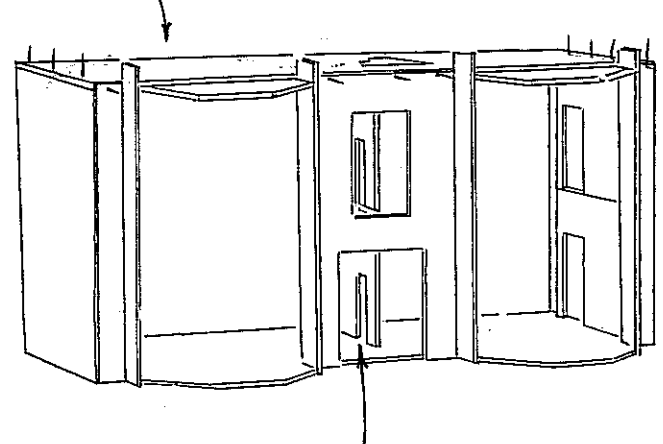
With everything tight to the 2nd Floor, glue and nail the 3rd floor in place.

Take out the 2nd floor and slide the center partitions between the Base and 3rd floors to fine tune the fit in the center.

Temporary placement of the 2nd Floor
to locate and stabilize the walls



Third Floor

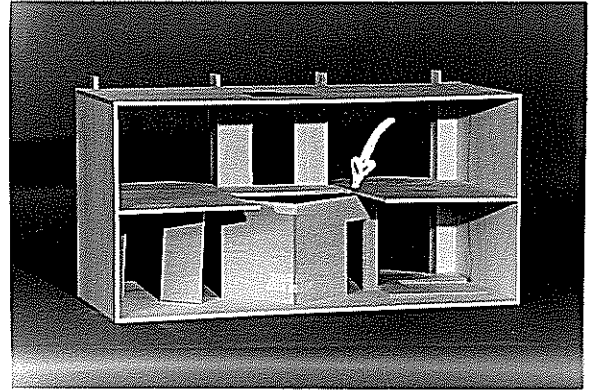


Center Hall Partition keeps the 3rd floor straight

STEP #11: INSTALL THE SECOND FLOOR

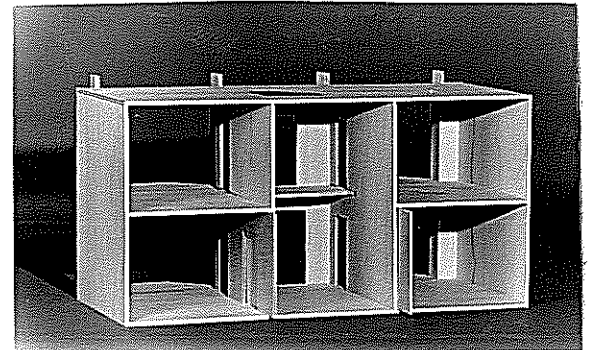
NOTE: Make sure the stair block notch is located to the right side of the center hall (as the house is viewed from the rear).

Using the four interior Room Partitions as vertical spacers, mark the height (10 1/8" tall) of the second floor on the vertical walls already installed. Glue and carefully set the Second Floor in place. Support the Floor with dividers while you nail the Floor in place.

**STEP #12: INSTALL THE CENTER HALL PARTITIONS**

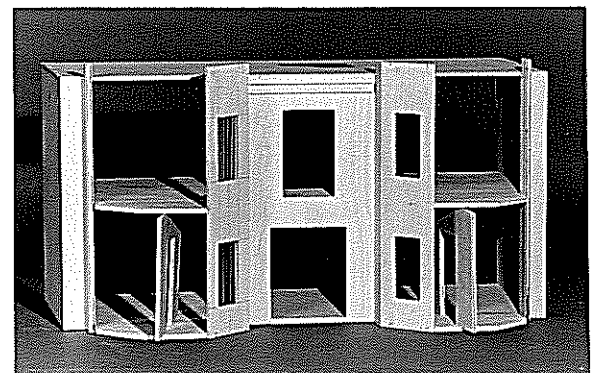
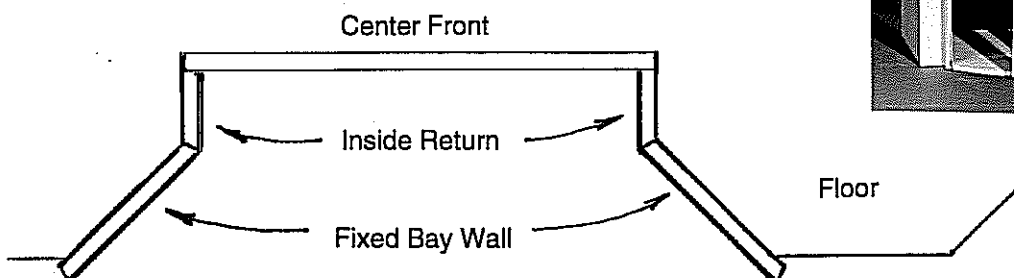
The two Center Hall Partitions fit between the first and third floors. The long un-cut edges of the partitions should face the rear of the house, and the door openings and slot should be toward the front. Use the other partitions as spacers above *and* below the Second Floor as you fasten the Center Hall Partitions to the Second Floor. Glue and nail.

NOTE: If you intend to install French doors in the center hall, modify the partition openings before the partitions are permanently glued in place.

**STEP #13: INSTALL LEFT AND RIGHT FIXED BAY PANELS**

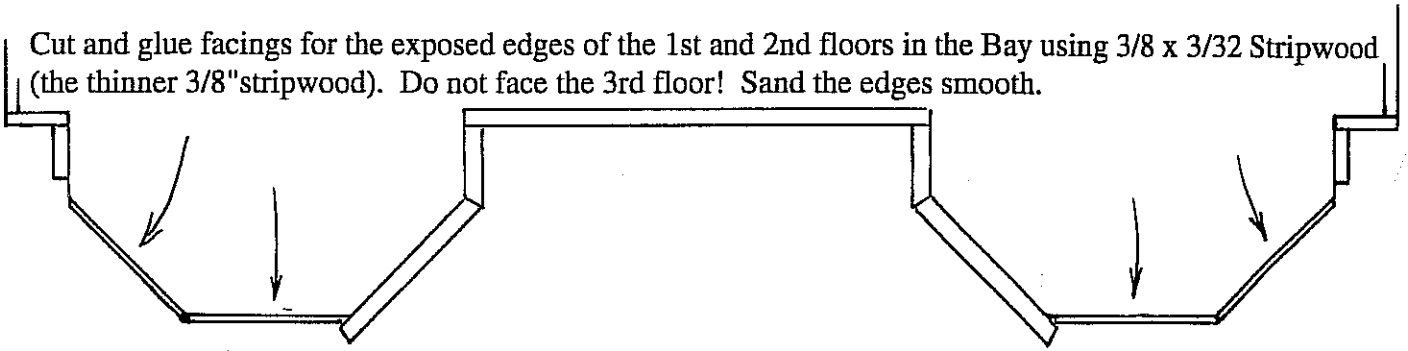
As you look at the house from the front, the right wall of the left bay and the left wall of the right bay are the **fixed** bay panels.

Glue, tape, and nail the **FIXED BAY PANELS** to the floors and Inside Bay Return, flush with the bottom of the Base Floor. Be sure the Bay Panels are oriented so that the 2 3/8" spaces below the window openings are at the bottom.



STEP #14: OPTIONAL: BAY FLOOR FACINGS

Cut and glue facings for the exposed edges of the 1st and 2nd floors in the Bay using 3/8 x 3/32 Stripwood (the thinner 3/8" stripwood). Do not face the 3rd floor! Sand the edges smooth.

**STEP #15: SUB ASSEMBLY OF HINGED BAY WALLS**

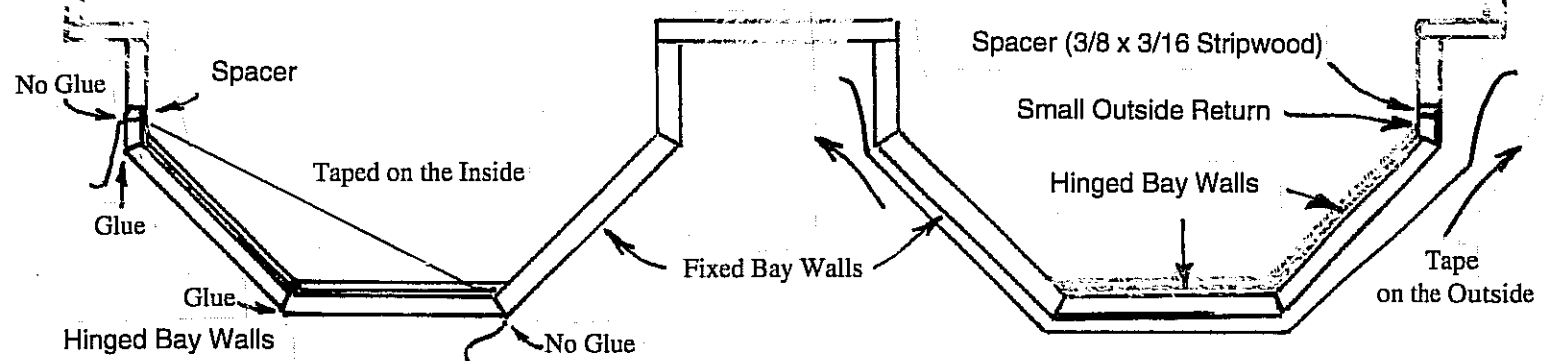
Lay the House on its back. Tape (no glue.. this stripwood gets used elsewhere) a piece of 3/16 x 3/8 Stripwood to the edge of the Large Outside Return wall (this gives room later for the thickness of the hinge). Set a Small Outside Return and two Bay Walls on each bay opening, lined up at the bottom edge, and with the 2 3/8 space to the window cutout at the bottom edge. Make sure all the bevels match up and that each wall is right-side-up.

Lay out each set face-up with the points of the bevels touching. Tape the sets together, lined up at the bottom.

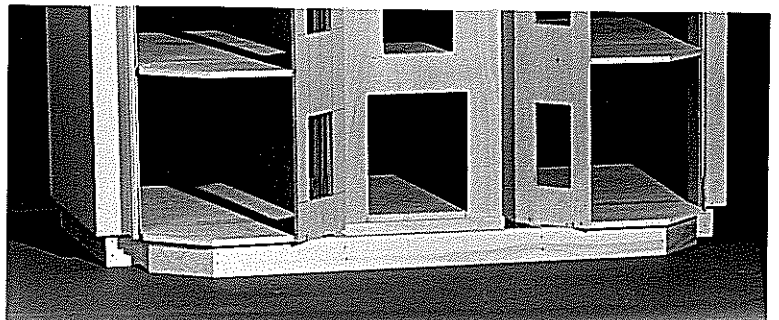
Turn the sets over and spread glue in the "V" formed by the bevels. Fold the sets up and LOOSELY tape the sets into shape across the back.

Set the Hinged Bay wall Sets in place, **do not glue the Hinged walls to the Fixed Walls!** The walls match each other and the fixed panels at the corners, but do not rest against the floors. Make sure again that everything is lined up and tight, and that the walls are right-side-up.

Tape the wall sets in place on the Bay to make the shape of the hinged wall sets *perfect* as the glue dries.

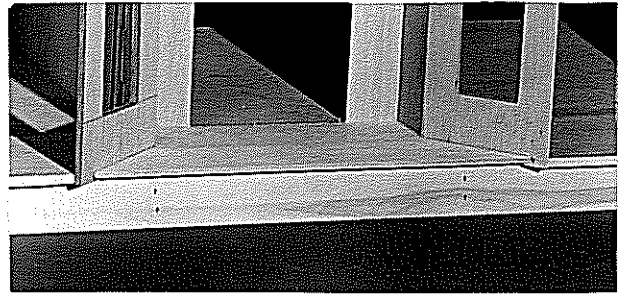
**STEP #16: INSTALL THE FOUNDATION**

Apply a generous bead of glue to the top edge of the Foundation assembly and set the house on the foundation flush at the back edge and centered side-to-side. Nail and weight the house to the foundation set for a good fit. Make sure the house is straight and flat as the glue dries! That is the shape that will be permanent.

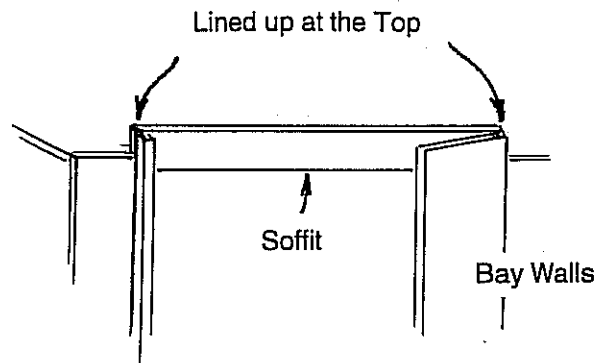


STEP #17: INSTALL THE PORCH FLOOR

Glue and nail the 3/8" thick Porch Floor to the foundation and walls, best-side-up. The Porch Floor will now be even with the Base Floor surface.

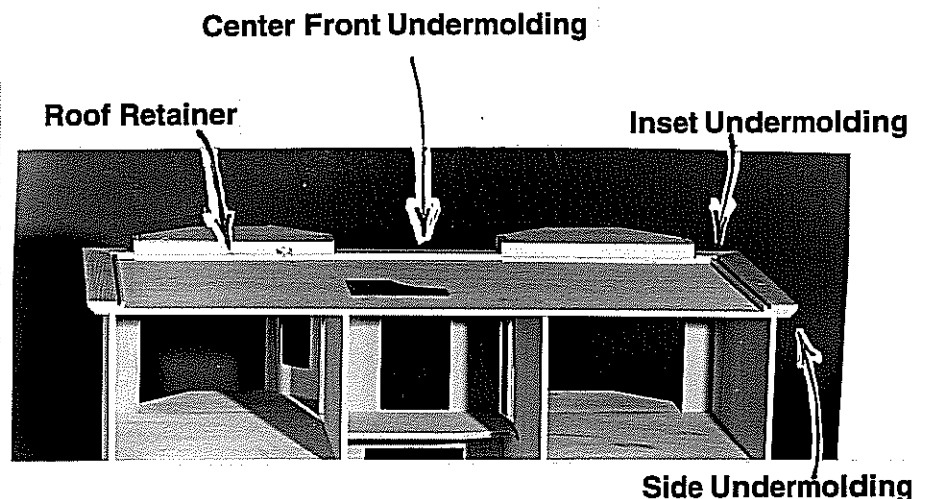
**STEP #18: INSTALL THE SOFFITS**

The Soffits are notched and are attached to the rear edges of the Bay Return Panels and Bay Ceilings. The pair of notches allow the Soffits to drop between the Bay Return Panels (inside the bays). Test the fit; the top of the Soffit must fit flush with the top of the walls (adjust if necessary). Glue, tape, and nail.

**STEP #19: INSTALL THE ROOF UNDERMOLDING AND RETAINER STRIPS**

The Undermolding sits on top of the 3rd floor, and is grooved for the roofs. The Retainer Strips continue the grooves behind the bays; make sure the grooves in all the moldings line up to make one continuous groove. Glue and tape the Side and Inset Undermoldings into Left and Right sets.

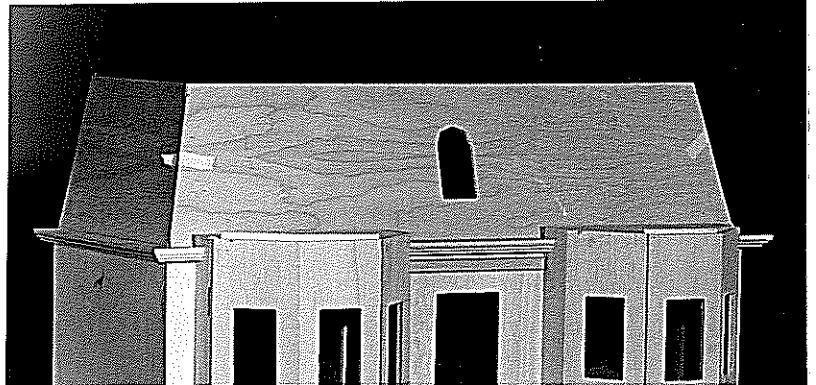
Glue and tape the Undermolding and Retainers around the perimeter of the Third Floor.



STEP #20: INSTALL THE FRONT AND SIDE ROOFS

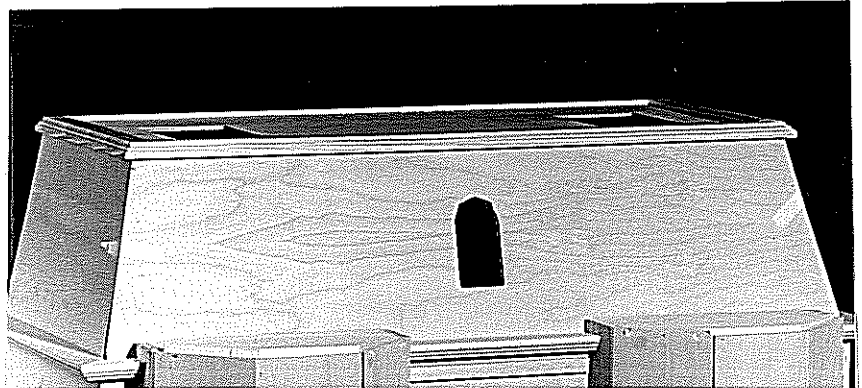
NOTE: The **FOXHALL MANOR** kit contains a single dormer window. If you want to install additional dormer windows in the roof sides you may want to cut additional openings before the roofs are installed. The cutout in the roof front can be used as a template for additional cutouts.

Test, then glue and tape the Front and Side Roofs into the grooves of the Undermolding and Retainers. Support the Front Roof with the Attic Partitions while the glue dries.

**STEP #21: INSTALL THE ROOF TOP**

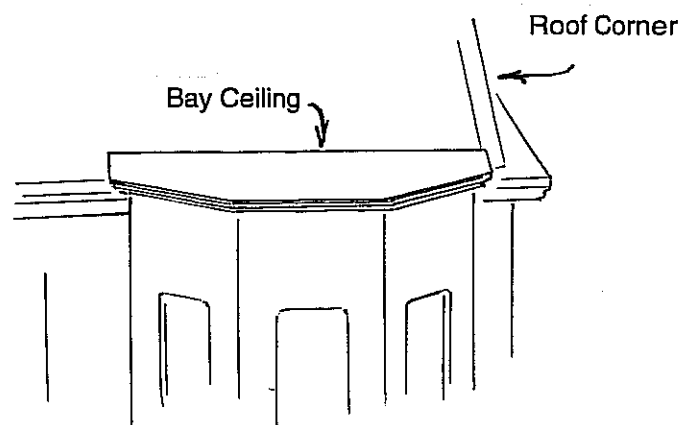
The Roof Top and Overmolding set was pre-assembled in step #2. Test the Roof Top set on the house, with the Roofs inserted in the grooves of the Overmolding. Remove the Roof Top and spread glue in the grooves of the Overmolding. If the glue is runny, wait a bit for it to thicken.

Set the Roof Top on the house with the attic partitions in place. Use tape and weight to keep all the joints tight. Without glue, tape the Roof Corners onto the front edges, and Deco Channels onto the rear edges of the roofs as the glue on the roofs dries.

**STEP #22: INSTALL THE BAY CEILING**

Set the Bay Ceilings on the bays, centered side-to-side; the Bay Ceilings overlap the Roof Corners. Trace the overlap, then remove the Roof Corners.

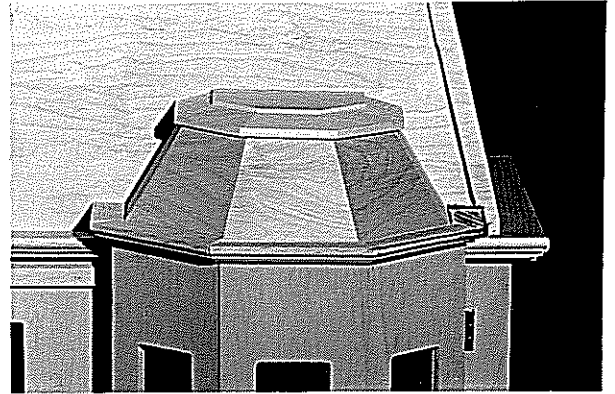
Glue and tape the Bay Ceiling to the Fixed Bay Walls, and to the Front Roof, centered side-to-side on the Bay walls. Do not get any glue on the hinged Bay Walls.



STEP #23: INSTALL BAY ROOFS AND BAY CAPS

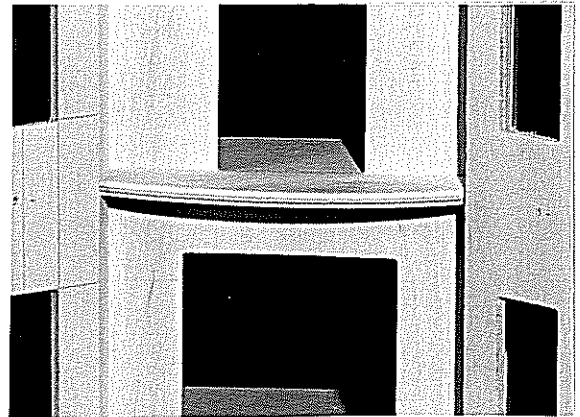
Tape together two sets of Bay Roofs as shown. Test the Bay Roof sets on the Bay Ceiling. Check to be sure they work as a set and fit well on the house. When the fit is good, trace the edge of the Bay Roofs on the Bay Ceiling to make positioning easy when the parts have glue on them. Lay the Bay Roof Sets up-side-down on the table, spread glue in the "v" between panels, then fold the Bay Roof Sets back into position. Spread glue on the bottom edges and the edges that touch the Front Roof. Set the Bay Roofs back in place on the house. Use tape or temporary brads if necessary for a good fit.

Glue the Bay Caps to the Bay Roofs and to the Front Roof.

**STEP #24: INSTALL THE BALCONY FLOOR**

Test the Balcony Floor (with the decorative, molded shape facing down) on the Center Front, centered between the Inside Bay Return Walls, level, and with the top of the Balcony Floor even with the surface of the Second Floor.

Cut and glue spacers from the 3/32 x 7/16 Stripwood to make the Balcony Floor tight between the Inside Bay Walls. Glue the Balcony Floor in place, level and even with the 2nd Floor.



If you intend to install clapboard siding on your house, skip to Step #31 and install the corner moldings. The FOXHALL MANOR siding kit #600 SS contains instructions for the installation of additional moldings and stop strips needed for clapboard installation. Come back to step 25 when the clapboard is done.

STEP #25: INSTALL HINGED BAY WALL SETS

When installing hinges, make sure your house is on a level surface.

THICKNESS STRIPS: Cut and install $3/8 \times 3/32$ stripwood (the thin $3/8$ " stripwood) on the inside surface of the Outside Bay Returns to increase the thickness of the walls where the hinges attach. This allows the edge of the hinges to be flush on the inside, and still lets the screws go into the center ply of the walls. Thickness strips go on the Fixed Outside Return Wall, and on the Hinged Outside Return Wall (leave spaces for the floors)

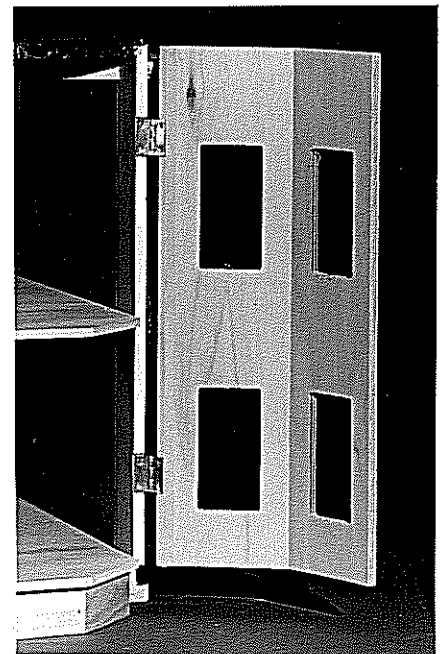
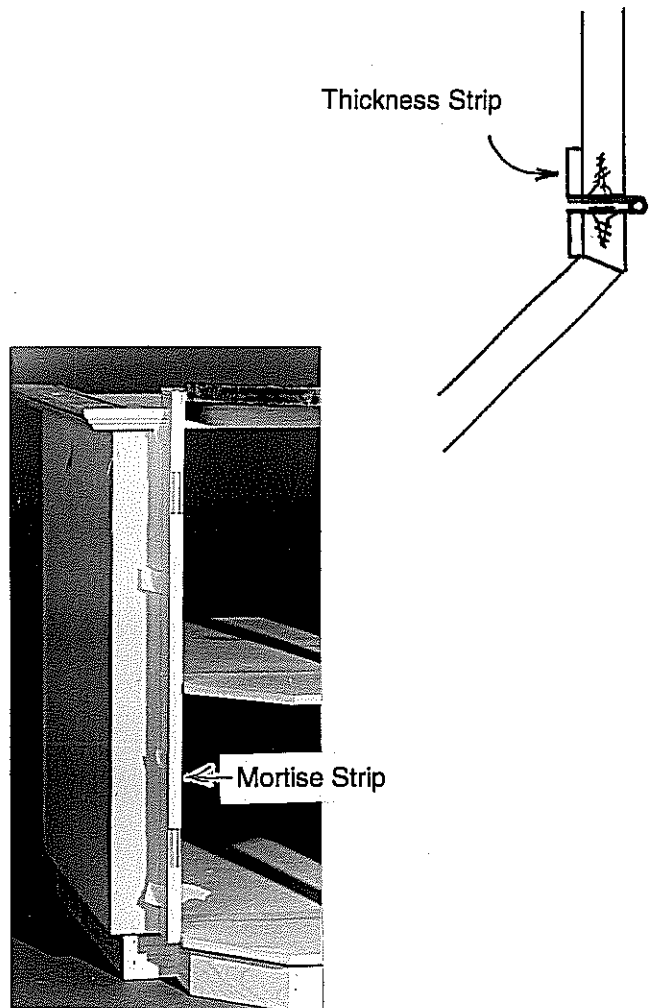
MORTISE STRIPS: Cut and glue $2 \frac{1}{2}$ " pieces of $3/32 \times 7/16$ Stripwood to cover the plywood edge of the Outside Return and the edge of the Thickness Strips. Attach the Mortise Strips flush at the bottom edges of the walls.

Set a hinge in place as a spacer, then cut and attach $3/32 \times 7/16 \times 14 \frac{9}{16}$ Mortise Strips above the hinge. Notch to fit around the floor. Set a hinge in place again as a spacer, then check the measure before you cut and attach the other $2 \frac{1}{2}$ " Mortise Strips above the hinge. The Mortise Strips only go on the edge of the Fixed Outside Return Walls.

HINGES: Hold the bay wall assemblies in place, almost touching the Bay Ceiling.

Accurately mark the locations of the mortise voids on the bay's Small Outside Return. Install hinges between these marks on both bay doors using a single screw for each hinge. Next, hold the bay door assembly in the "open" position and install the free hinge leaves in the mortise voids (one screw each).

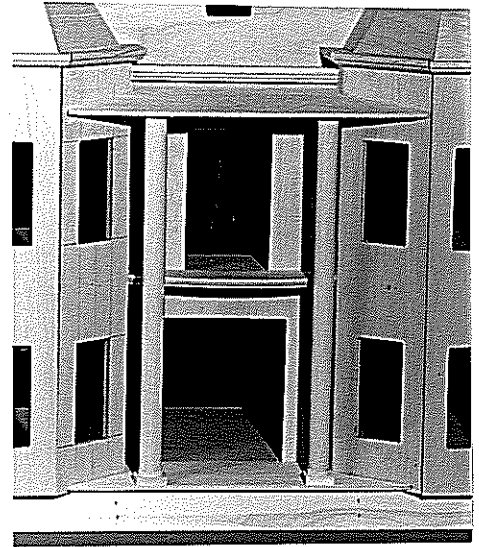
Open and close the bay door observing its movement. If a better alignment can be achieved by a slight hinge adjustment, loosen the first screw, adjust the hinge location and install a screw in the other hinge screw hole. When you have the bay doors aligned, install the second screws in all hinges.



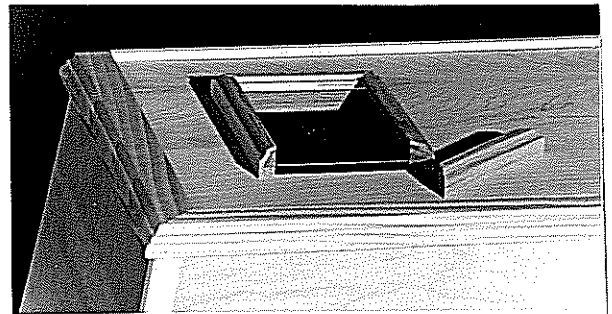
STEP #26: INSTALL THE PORTICO ROOF AND PILLARS

Glue a Round Plinth Block to each Square Plinth Block, centered. Glue a Pillar to each Plinth set, centered. Let the glue dry.

Test, then glue the Portico Roof and Pillars to the house. Align the Pillars vertically with the Inside Bay Return Walls. Adjust the pillars' position to get the best view of the doors and balcony.

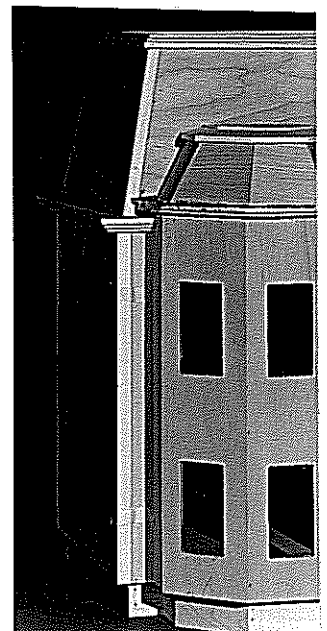
**STEP #27: INSTALL THE SKYLIGHTS**

Test then glue the mitered Skylight Molding with 1/4" grooves into three sides of each opening in the Rooftop. Remove the protective material from the window panes, then slip the panes into the molding grooves (without glue). Install the fourth piece of molding with the pane and the other molding pieces. Adjust the assembly until the pieces fit comfortably in the opening and the mitered corners are tight. Tape and let dry. Install the Interior Frames.

**STEP #28: INSTALL THE HOUSE AND ROOF CORNER MOULDINGS**

Cut and carve the Roof Corners to fit around the Bay Ceilings.

Install the House and Roof Corner Moldings where illustrated in the photograph. Use masking tape to hold trim pieces in place until the glue is set.



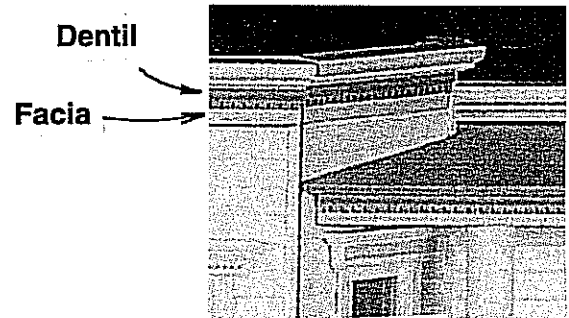
STEP #29: INSTALL THE REAR EDGE TRIM

Glue and Tape the 3/16 thick Undermolding End Caps and Overmolding End Caps to the back edges of the Undermolding and Overmolding.

3/16" x 3/8" Rear Edge Trim is supplied to finish the exposed rear edges of all the walls and floors. Cut to fit, then glue and tape the trim in place.

STEP #30: INSTALL FACIA AND DENTIL MOULDING

Install the 3/4" wide Facia and the shaped Dentil Molding under the house and bay molding and under the front edge of the Portico Roof. Use an X-acto saw to cut the pieces. Cut, glue, and tape the Facia in place, then repeat for the Dentil.

**STEP #31: INSTALL DOORS AND WINDOWS**

Complete the interior and exterior finishing (unless the exterior wall finish adds lots to the wall thickness), and paint the windows and door before installation. Check the fit of all the doors and windows in the openings (you may need to square the corners of the openings with a utility knife).

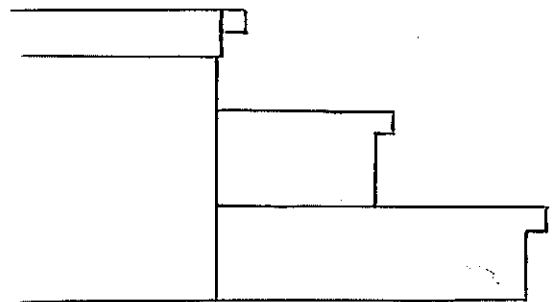
Have a helper hold the pre-assembled interior window trim from the **inside** of the house. Install the windows from the outside. Tape the windows in place, straight and level, as the glue dries.

Install the door from the outside of the house, then attach the interior trim from the inside.

STEP #32: INSTALL THE FRONT STEPS AND PORCH LIP

The front steps set against the foundation, centered on the front porch.

Glue the Porch Lip to the front edge of the Porch Floor, flush with its top edge.

**STEP 33: INSTALL THE BALCONY RAILING**

Glue the curved Balcony Railing ($\pm 10''$) and two #3006 Balusters centered on the Balcony Block

STEP #34: INSTALL ROOM PARTITIONS

Install the Third Floor left Partition along the left side of the upper stair opening. The other five room partitions can be installed (or not) to suit your interior arrangement. Customize!

For best results, decorate the house interior before permanently installing the partitions.

STEP #35: INSTALL THE WIDOW'S WALK RAIL

Test and adjust the rails as necessary, and arrange them with the newel posts to fit just inside the top molding perimeter. Permanently glue if desired.

STEP #36: INSTALL STAIRS & LANDING RAILS.

Test, adjust, and glue in the stairs and landing rails after all interior finishing is complete.

STEP #37: CUT AND INSTALL CORNER TRIM.

Test, cut, and glue on $\frac{1}{4}$ " Stripwood to trim the Bay Corners, and $\frac{7}{16}$ " Stripwood to trim the 90° corners.

