

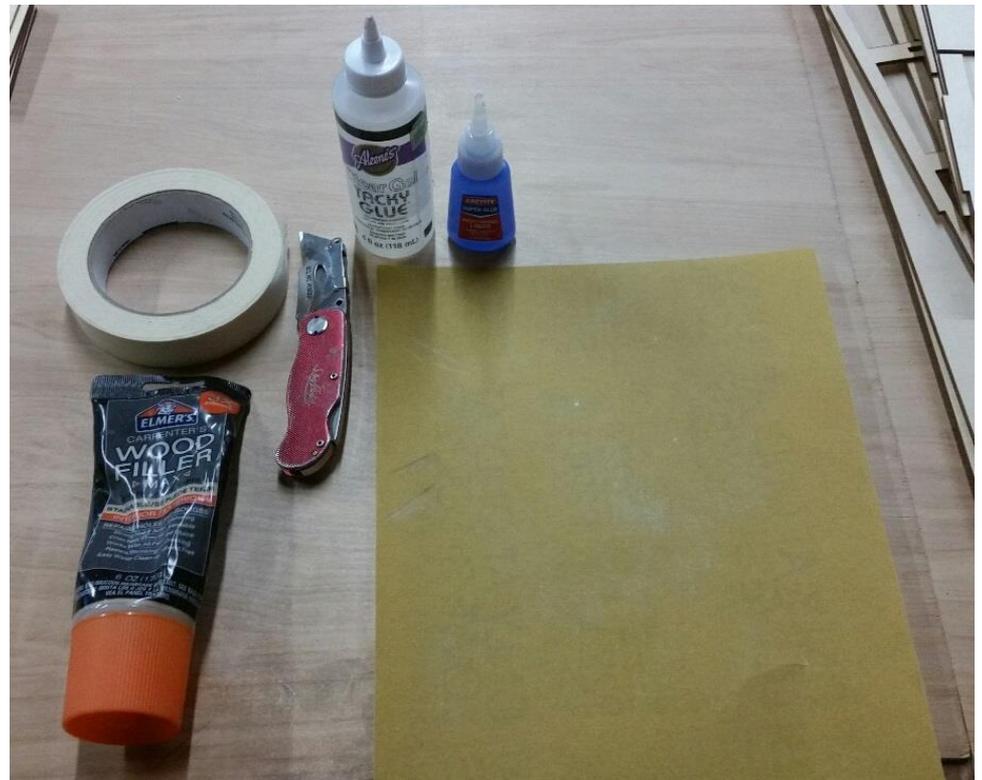
Leon Victorian Gothic 2018
Dollhouse Instructions



NOTE 1: Please do a dry assembly using only tape to hold house together. This will get you familiar with parts, location, and fit. This also gives you a chance to visualize how you want to approach the build. Also read each step and adhere to items that should not be glued till a later time..

Materials for build;

1. Wood glue, you may use Titebond, Elmers, tacky or any good wood glue. Tacky wood glue dries clear and is preferred. Super Glue for small items.
2. Masking tape to hold house in place during assembly and gluing.
3. Utility knife if needed for trimming.
4. 220 grit sandpaper.
5. Wood Filler
6. Size 1/2x19 pin nails (optional) if nailing house together with glue. Recommended...
7. Needle nose and hammer (again optional) if nailing house.
8. Rubber bands



Staircase Assembly

Step 1. Paint and prep all parts as seen in figure 1

Step 2. Install treads with the tread even to the staircase frame on the left and the holes to the right. Tread should be stick out from the edge slightly on right side, figure 2.

Step 3. Install the newel post to the right front corner on the landing tread as seen in figure 3.

Step 4. Install the spindles into each tread. Make sure that the top of the spindle angle is going at a down angle for the handrail, figure 4.



Figure 1



Figure 2



Figure 3



Figure 4

Staircase Assembly

Step 5. Install handrail and newel post at bottom, repeat and complete the 2nd staircase, figure 5.

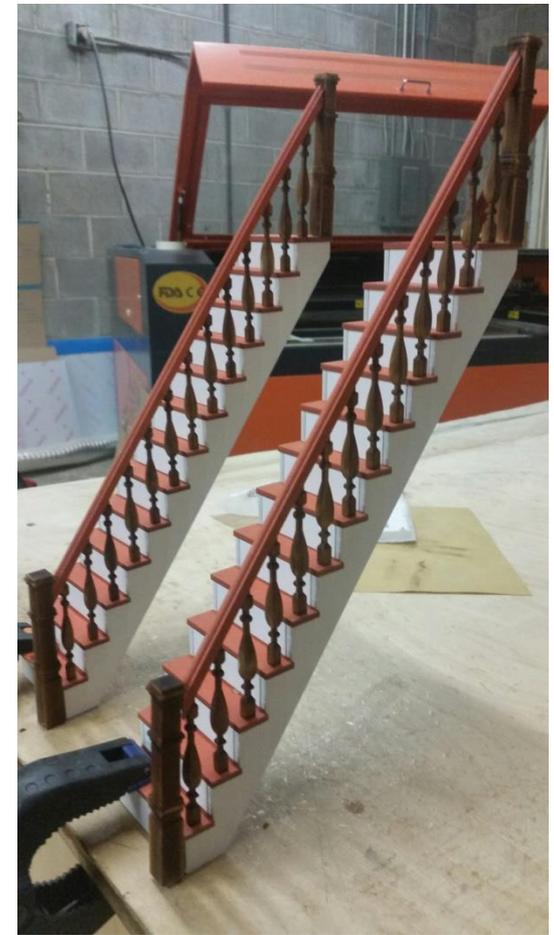


Figure 5

House Assembly

Step 1. PAINT PARTS PRIOR TO GLUING DURING FINAL ASSEMBLY!!

Locate base marked S1 thru S17 and the base support rails and skirts marked the same. Figures 1 and 2.

Assemble lower base marked S1 thru S17 by installing rail tab into slots. Each part is labeled to fit into the base by matching the parts to location. Figure 3.

Step 2. Install stairs side walls into base as seen in figure 4. Next install step cross frame support as seen in figure 5.

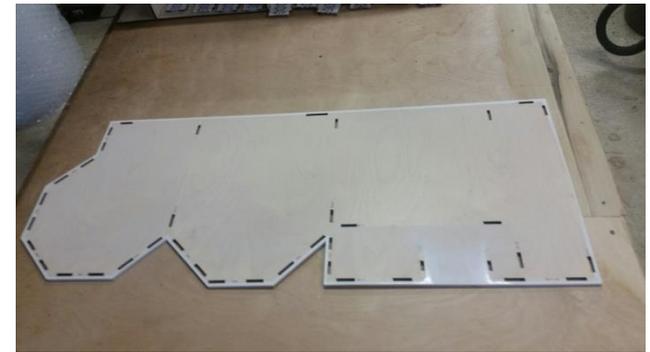


Figure 1



Figure 2



Figure 3



Figure 4

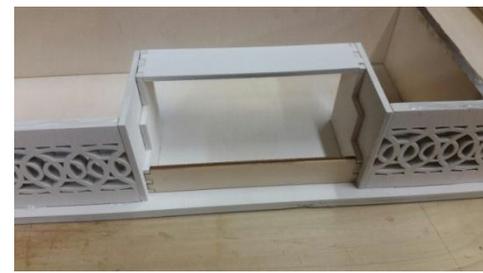


Figure 5

Assembly

Step 3. Install first floor onto base assembly as seen in figure 6. If gluing parts install weight onto base or clap in place and allow glue to dry.

Step 4. Remove clamps, install porch stair risers as seen in figure 7. Next install porch stair treads as seen in figure 8.

Step 5. Complete porch as you see fit. For ours pictured we installed planks and sealed with polyurethane.

Step 6. Install interior first floor walls and outer walls and complete interior flooring. You can paint, stain, install wood flooring or tiles, this is up to you. DO NOT GLUE WALLS IN PLACE!! See figure 10.



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10

Assembly

Step 7. Remove all walls except the front main entry (1A) and interior walls, figure 11.

Step 8. Install porch roof panel into front main wall as seen in figure 12. Next install side wall (1B) and insert into roof panel. Lay the assembly on its back and clamp or nail together the two walls, figure 13.

Step 9. Stand house onto its side (fig.14) and nail in place the wall to the porch roof panel. If not nailing house allow glue to dry and go to next step. Next lay house on its front side and nail front wall into roof panel, figure 15.



Figure 11



Figure 12



Figure 13



Figure 14



Figure 15

Assembly

Step 10. Stand up with front side facing away from you (fig 16), next install 2nd floor into front wall slot opening, (fig 17) next press down and slide to the left the 2nd floor into side wall slot as seen in figure 18. Now align the floor to the two interior walls and glue down. If nailing nail 2nd floor to interior walls. Figure 19.



Figure 16



Figure 17



Figure 18



Figure 19

Assembly

Step 11. Install side wall 1K and weight down or nail (fig. 20). Wait for glue to dry. As you go make sure that the walls on top and bottom seat flush as glue dries.

Step 12. Glue walls 1J, 1I, 1H, 1F, 1E to bottom floor as you install make sure you apply glue to the back wall notch so that it can be glued to the second floor. Complete one wall at a time in order listed above. Once all walls are in place check bottom that they are flush if not lay a board across the top of the walls and weight down. Also check interior that the back of walls are aligned and flush to 2nd floor. Figure 21.

Step 13. Install remaining front walls and follow same process as earlier for proper install. Figure 22.

Step 14. Complete interior wallpaper and lighting on first floor if doing so, figure 23.

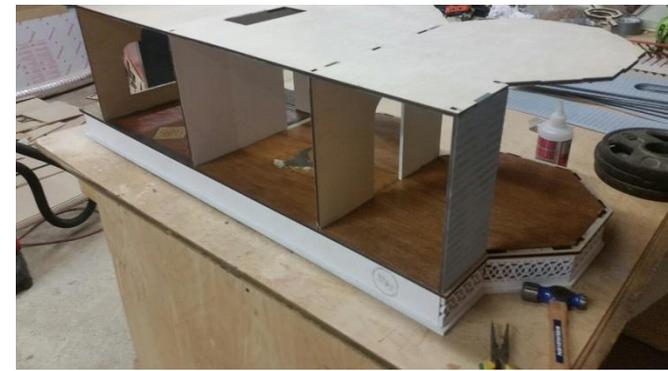


Figure 20



Figure 21



Figure 22



Figure 23

Assembly

Step 15. Locate the 4 porch roof panel supports (fig 24), next install them onto the porch roof, note that one is shorter than the other 3 this one goes on the front left side. Figure 25.

Step 16. Install two porch roof panels as seen in figure 26. Clamp in place and allow to dry.

Step 17. Install interior wall panels 2A and 2D, figure 27.

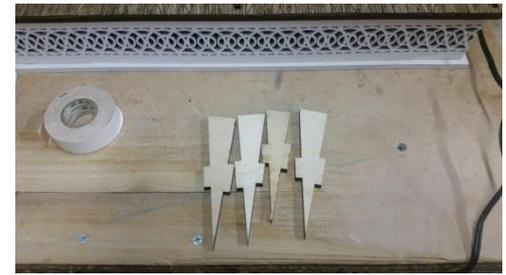


Figure 24



Figure 25



Figure 26



Figure 27

Assembly

Step 18. Complete interior walls and flooring (fig 28).

Step 19. Complete painting of doors (fig 29). Next install first floor interior door (fig 30) .

Step 20. Remove paper protective cover from glass for main door and insert glass into the open space above door assembly, side all the way down until it is seated, fig 31.



Figure 28



Figure 29



Figure 30



Figure 31

Assembly

Step 21. Insert door into opening and install lower foot frame (fig 32). Next install door into wall and install interior frame (fig 33).

Step 22. Install 3rd floor (fig 34). Next weight down and let dry, make sure floor is flush to top of walls.

Step 23. Install side lower roof panel, figure 35.



Figure 32



Figure 33



Figure 34



Figure 35

Assembly

Step 24. Install 2nd floor interior doors, figure 36.

Step 25. Locate right main roof panel, figure 37. Install dormer side walls onto panel as seen in figure 38. Next install dormer front wall panel, figure 39.

Step 26. Install 3rd floor front wall panels 3H and 3G. Install rear open panel 3I once glued in place install roof panel with dormer walls onto house, figure 40.



Figure 36



Figure 37



Figure 38



Figure 39



Figure 40.

Assembly

Step 27. Install front right lower roof panel, figure 41. To seal roof panel and floor you can use a triangle $\frac{1}{2}$ " molding as seen in figure 42. **(OPTIONAL NOT INCLUDED IN KIT)**

Step 28. Locate left main roof panel and the two walkway sidewalls to tower seen in figure 43. Next install side walls onto the roof panel, the wall with the milled siding goes on the right side, figure 44.

Step 29. Install left main roof panel onto the house as seen in figure 45.



Figure 41



Figure 42



Figure 43



Figure 44



Figure 45

Assembly

Step 30. Install tower wall with door opening (3B-2) onto the walkway walls as seen in figure 46. Install the remaining tower walls and install tower walls roof panel but DO NOT GLUE ROOF PANEL ONTO WALLS. Once glue dries on walls remove roof panel and complete the interior of tower, figure 47.

Step 31. Trim and cover roof gap using $\frac{1}{2}$ " triangle trim, figure 48. (OPTIONAL NOT INCLUDED IN KIT)

Step 32. remove tower roof panel. Figure 49.



Figure 46



Figure 47



Figure 48



Figure 49

Assembly

Step 33. Complete flooring in tower, wallpaper, trim ect. figure 50. Next install tower roof panel, figure 51.

Step 34. Locate the 1/8" thick panel base trim for the 3rd floor interior and the angled corner braces. Start with the one that measures 12 5/16 inches, figure 52. Next glue the brace flush to the corners as seen in figure 53. Install the assembly into the house under the dormer window, figure 54.



Figure 50



Figure 51



Figure 52



Figure 53



Figure 54

Assembly

Step 35. Next locate the next panel measuring $4 \frac{1}{4}$ " and has a small panel, figure 55. Assemble side braces as done earlier at corners flush. Install this panel into the alcove next to the tower door entry on left, figure 56. Next install side panel flush to door walkway wall as seen in figure 57.

Step 36. Locate panel that measures $12 \frac{13}{16}$ inches and $4 \frac{1}{16}$ inches with two side braces, figure 58. Install the braces to the $4 \frac{1}{16}$ panel again flush at corners and install to the opposite side in alcove , figure 59.

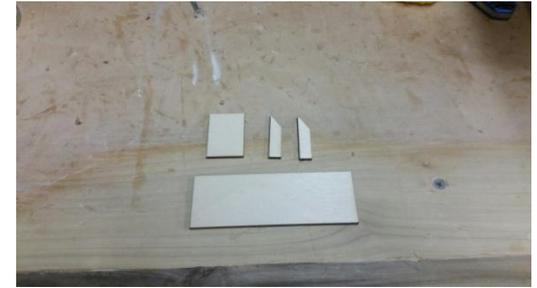


Figure 55



Figure 56



Figure 57

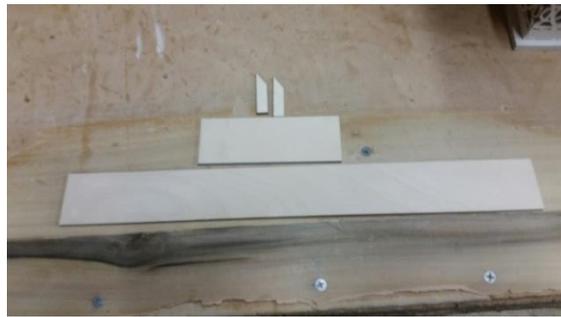


Figure 58



Figure 59

Assembly

Step 37. Install 12 13/16 panel to front wall figure 60.

Step 38. Locate final panel measuring 7 9/16 with side braces and one corner panel and install into the house on the right side of door to tower as seen in figure 61. Next install final panel measuring 10 3/4 inches to front dormer wall, figure 62.

Step 39. Complete flooring in the 3rd floor, figure 63. Next install interior door leading to tower, figure 64.



Figure 60



Figure 61

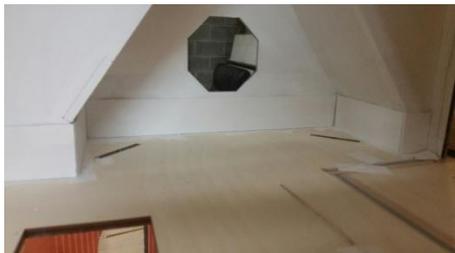


Figure 62



Figure 63



Figure 64

Assembly

Step 40. Locate two A-frames and the center cross panel as seen in figure 65. Insert and glue cross panel into the two A-frames as seen in figure 66. Next paint or stain and then install centered into the roof as seen in figure 67.

Step 41. Install dormer roof panels, figure 68.

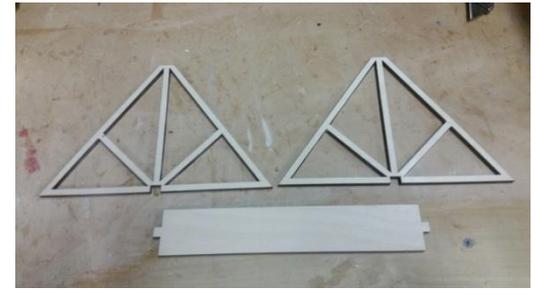


Figure 65



Figure 66



Figure 67



Figure 68

Assembly

Step 42. Locate the tower center frames as seen in figure 69. Next slide panels together and install onto the tower roof base seen in figure 70. Next install remaining roof panel supports as seen in figure 71.

Step 43. Locate the 8 tower roof panels and check the rear of them. You will find there are 4 with the sides trimmed at a 45 degree angle and 4 that are not. Install the panels by alternating them, install one panel without the 45 degree cut and one with, continue around till all panels are installed as seen in figure 72.



Figure 69



Figure 70



Figure 71



Figure 72

Assembly

Step 44. Locate tower cap and tower cap base, figure 73. Install tower cap base onto tower, figure 74. Then install tower cap onto base as seen in figure 75.

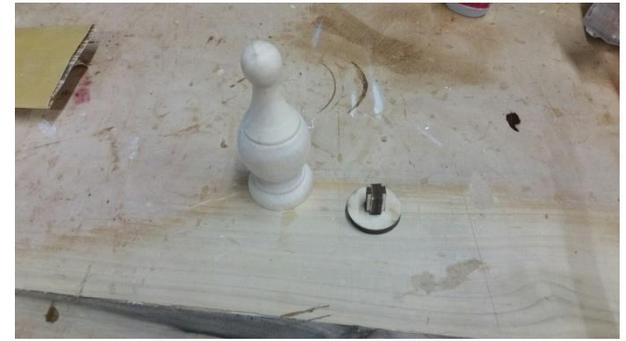


Figure 73



Figure 74



Figure 75

Single Window assembly

Step 45. Locate the 1/8 inch thick with lines interior frame and frame stool, figure 76. Next install stool into frame to form the window apron as seen in figure 77. Complete this step for all 18 single window frames.



Figure 76

Step 46. Locate the two window keystone parts in figure 78, next glue the smaller one onto the etched out area that forms the window keystone, figure 79. Complete this for all 18 sets.



Figure 77

Step 47. Locate the pane and exterior window frame, figure 80.



Figure 78



Figure 79



Figure 80

Single Window assembly

Step 48. For the next step you will need 18 rubber bands. Apply glue to the interior side of frame that is not grooved, insert the pane into the center while main frame is on flat surface, make sure the pane seats to the top. At the bottom wrap with a rubber band to hold closed as glue dries (fig 81). Check the back to make sure the pane is flush, adjust if necessary and allow to dry. Repeat this process to all 18 windows.



Figure 81

Step 49. Take window frame assembly and gather a stool/sill and apron, (fig 82). (Use same window frame to complete the 18 sill and apron assembly) Install the stool/sill onto the lower legs of the window frame and run a line of glue to the bottom of the stool as seen in figure 83. <<**DO NOT APPLY GLUE TO FRAME LEGS**>> Next install the apron into the frame openings then gently remove and set aside to dry as seen in figure 84. Repeat the same process to form 18 assemblies, figure 85.



Figure 82



Figure 83



Figure 84



Figure 85

Single Window assembly

Step 50. <<**WITHOUT GLUE**>> Install the sill/apron assembly onto a window frame (fig 86), then locate in figure 87 the interior glass housing frame(center), and the frame interior extension frame(left). Next glue the glass housing frame to the back of the window frame, make sure the feet sit flush onto the sill frame at bottom and that the housing is centered around the pane, (fig 88) next glue extension frame onto the housing as seen in figure 89, then remove sill as seen in fig. 90 Repeat this to make the 18 single window frame assemblies.



Figure 86



Figure 87



Figure 88



Figure 89



Figure 90

Single Window assembly

Step 51. Take one window assembly and one keystone as seen in figure 91. Apply glue and center keystone onto window head as seen in figure 92. Repeat process for all 18 windows.

Step 52. Paint windows and interior frames.



Figure 91



Figure 92

Trip Window assembly

Step 53. Locate the interior frame and the stool, as done with the single window glue stool to frame, figure 93. Do this for the remaining one window. Next glue the window keystones together as done with the single window, figure 94.

Step 54. Glue the three panes into the window frame and insert into the sill, figure 95. **MAKE SURE SILL DOES NOT GLUE TO FRAME!!** We will use the sill to hold window together for rest of assembly. Next without getting glue onto foot of frame glue the window apron onto the sill, figure 96.



Figure 93



Figure 94



Figure 95



Figure 96

Trip Window assembly

Step 55. Glue to the back one glass housing frame as seen in figure 97. Next glue the extension frame on making sure all edges are aligned to glass housing frame, figure 98. Remove the sill & apron assembly, figure 99. Then install window keystone, figure 100. Next install above the small windows the cornice as seen in figure 101. Allow window to dry and then paint. Complete for remaining one window.



Figure 97



Figure 98



Figure 99



Figure 100



Figure 101

Trip Window assembly

Step 56. At the bottom of the windows with the sill/apron removed install the glass by sliding all the way in(fig 102). Glue in the sill/apron and install into the house (fig 103). Next install interior frame using the protruding stool at rear to align to exterior window (fig 104). Complete this for all windows (fig 105).



Figure 102



Figure 103



Figure 104



Figure 105

House assembly

Step 57. Install the 44 corbels around the house (fig 106).

Step 58. Paint the roof peak windows and remove cover from glass (fig. 107). Next insert the glass into the top of the frames (fig. 108). Install the windows into the house (fig. 109). Then install the window into the dormer (fig. 110).



Figure 106



Figure 107



Figure 108



Figure 109



Figure 110

House assembly

Step 59. Install the roof crest onto the two roof peaks and dormer (fig. 111).

Step 60. Chimney assembly. Locate parts seen in figure 112. First you will need the chimney base and back wall in figure 113. Glue the wall to base as seen in figure 114. Next glue in the inside walls and upper wall with hole as seen in figure 115.



Figure 111



Figure 112



Figure 113



Figure 114



Figure 115

House assembly

Step 61. Glue in lower outside walls as seen in figure 116. Next install front wall (fig 117) and clamp to let dry. Also make sure all parts are even on edges.

Step 62. Install mantel onto assembly and the two mantel legs (fig. 118). Paint assembly and the upper mantel, figure 119.



Figure 116



Figure 117



Figure 118



Figure 119

House assembly

Step 63. Install the chimney into the house in the far left room next to door (fig. 120). There is a gap on top left there to provide enough area in case you installed flooring. Next install upper mantel by gluing to top of chimney and ceiling, figure 121. Complete the same process for the chimney on 2nd floor, figure 122.

Step 64. Assemble the 3rd floor chimney in the same process as the other two. You will have an extra 4 parts that glue together forming a rectangle box. The engraved wall goes under the side wall hooks and the back wall is even to length of the side walls. Once assembled install the small extension above the center A frame and the chimney below. Glue upper mantel to the lower A frame, figure 123.



Figure 120



Figure 121



Figure 122



Figure 123

House assembly

Step 65. Install the front two left side porch post seen in figure 124. Glue the bottom of post to floor but do not glue to porch roof. Next align the post with the small spandrel and mark with pencil the post position. Once you have the post aligned remove spandrel and apply glue to the sides and top of spandrel, install and glue spandrel to the two post and the porch roof, figure 125. Continue same process and work your way around from left going right until all spandrels and porch post are installed, figure 126.



Figure 124



Figure 125



Figure 126

House assembly

Step 66. Staircase railing assembly. Locate the longest handrail and foot rail (fig 127), next put glue into the foot rail divots and install the spindles (fig 128). Next put glue into the handrail divots and install the handrail onto the spindles (fig 129). Press firmly to seat and allow glue to dry.

Step 67. Put glue at end of railing assembly and glue to a newel post, rail should be slightly above the bottom of newel post and centered at top (fig 130).



Figure 127



Figure 128



Figure 129



Figure 130

House assembly

Step 68. Install newel post at the other end as seen in figure 131. Next install the staircases and railing onto the 2nd floor, figure 132.

Step 69. Assemble the 3rd floor railings, figure 133. Next install newel post and form a "L" shaped railing, figure 134. Install into the 3rd floor, figure 135.

Step 70. Install Gabel trim onto the house, figure 136.

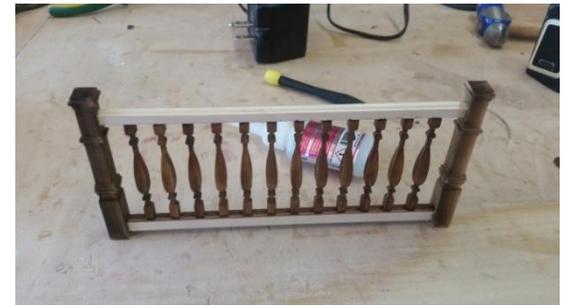


Figure 131



Figure 132



Figure 133



Figure 134



Figure 135



Figure 136

Shingle Installation

INSTALL SHINGLES IN A WELL LIGHTED AREA.

Required for assembly:

1. Wood glue that dries clear such a tacky glue. DO NOT RECOMMEND HOT GLUE. May also use superglue once you are familiar with process.
2. New blade to trim excess and an additional 2 for changing once blade is dirty and does not smoothly cut shingle.
3. Scissors to cut detailed areas (optional)



Figure 1

Read through instructions up to step 4 applying shingles with no glue and view that they are as seen in figures and that you are understanding installation. From then on you should be able to understand layout.

Step 1. Using a strip of square butt shingle install upside down even to the lower panel edge, figure 1. Trim the excess

Step 2. Install the next row using again square butt shingle. Alignment is made by looking through the shingle divider lines and setting the line to the top of the shingle below it (Arrow 1) in figure 2. This is the reason for having good lighting to see the panel and top of shingle through installing shingle row. Also make sure row two shingles have each square aligned center over the below divider lines..



Lower shingle divider line is align center to top shingle.

Figure 2

Shingle Installation

Step 3. Row three we will use the fishscale shingles, install row three with the bottom of each fishscale centered over the bottom shingle divider line and the top of the fishscale divider line even to the top of the shingle row below it. Trim the excess from the ends to match roof panel.

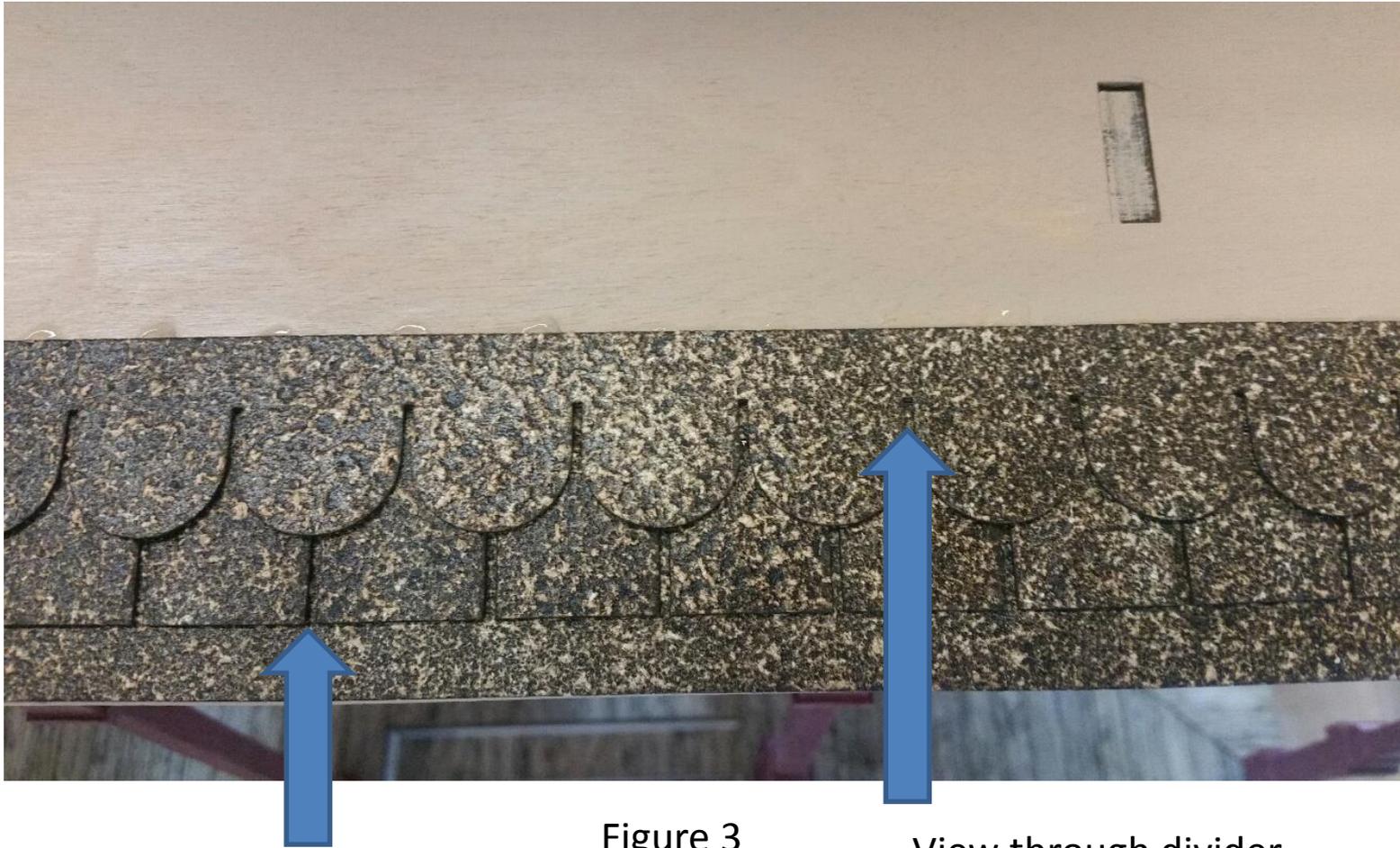


Figure 3

Center over divider line

View through divider
and align to top of
lower shingle

Shingle Installation

Step 4. Install the next two rows following same process to establish the roof pattern as seen in figure 4.

Step 5. At this point you should have some half row strips from completing the first 5 rows. Gather the 5 strips and turn them upside down, next on the right side trim any excess to form a clean edge, figure 5

Step 6. On the left side trim off excess and leave the notch this way you can lay the shingles to the house and maintain the gap when joining two strips together (fig 6).



Figure 4



Figure 5



Figure 6

Shingle Installation

Step 7. Install the next two rows using the square butt shingles(fig 7). This is the pattern you will make for the house. Two row square butt, three row fishscale. Continue and complete the porch roofing (fig 8).

Step 8. With the panels covered we will now lay the shingles to cover the gap between roof panels. Cut off a square butt shingle or fishscale and use straight side from a strip and fold the two side together. Lay first shingle centered to bottom of corner as seen in figure 9. Trim excess to match corner. Install next shingle with the shingle edges meeting edge of panel and centered on separation line between panels, figure 10.



Figure 7



Figure 8



Figure 9

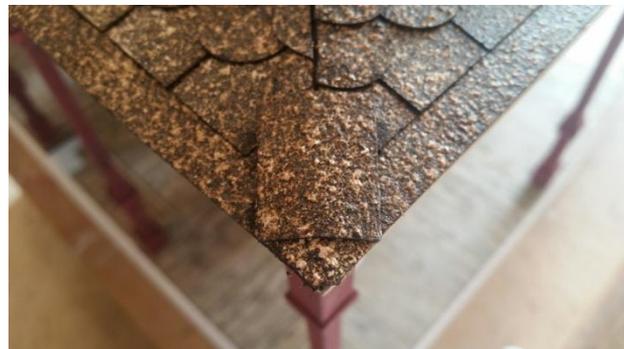


Figure 10

Shingle Installation

Step 9. Continue installing by applying each row where the right and left lower tip meet the line coming from each strip of shingles, figure 11.

Note : Each row of shingles viewing at this angle give the impression of a row of shingles coming down hits the corner shingle edge and continues to next panel following that line. This is the layout you want to achieve.



Figure 11

Step 10. Install the shingles onto the dormer following same pattern and process as done for the porch roof, figure 12.



Figure 12

Shingle Installation

Step 11. Shingle the right side main panel, figure 13.

Step 12. Shingle the rear of the house up to the top of the ceiling of the tower entrance walkway, figure 14.

Step 13. Shingle the right and left side of the alcove roof, note the last shingle used on the backside as you want to end the sting at the top to match as close as possible to set the long sting above walkway, figure 15. Next begin the full length string from top of front alcove to rear, figure 16.



Figure 13



Figure 14



Figure 15



Figure 16

Shingle Installation

Step 14. Shingle remainder of the main roof panel, figure 17.

Step 15. Lay starting shingle as done before on rest of house onto tower and trim edges to match panel, figure 18. Complete one row all around tower and then proceed to next level once completed, figure 19.



Figure 17



Figure 18



Figure 19

Shingle Installation

Step 16. Once completing main panel shingles cut off individual shingles and run glue just in the center where you bend in half, install shingle following the installed main panel shingle lines to the top. **JUST GLUE MIDDLE AREAS TOGETHER!!** Fig. 20 Next press the shingles down firmly and establish the edge line from top to bottom, with a blade start from the top and trim straight down 1/8" from centerline. Do not press and cut into the main panel shingles. You just want to start a line through the layer. Next restart the cut from the top and bend the excess to break off. Do this same process on the opposite side to complete tower edge, figure 21. Complete all 8 sides, figure 22. With leftover shingles you may lay onto walkway roof or paint for desired look.



Figure 21



Figure 22



Figure 20



Congratulations Leon gothic Dollhouse completed.

Laser Dollhouse Designs.

www.laserdollhouses.com

lfricke@laserdollhouses.com