

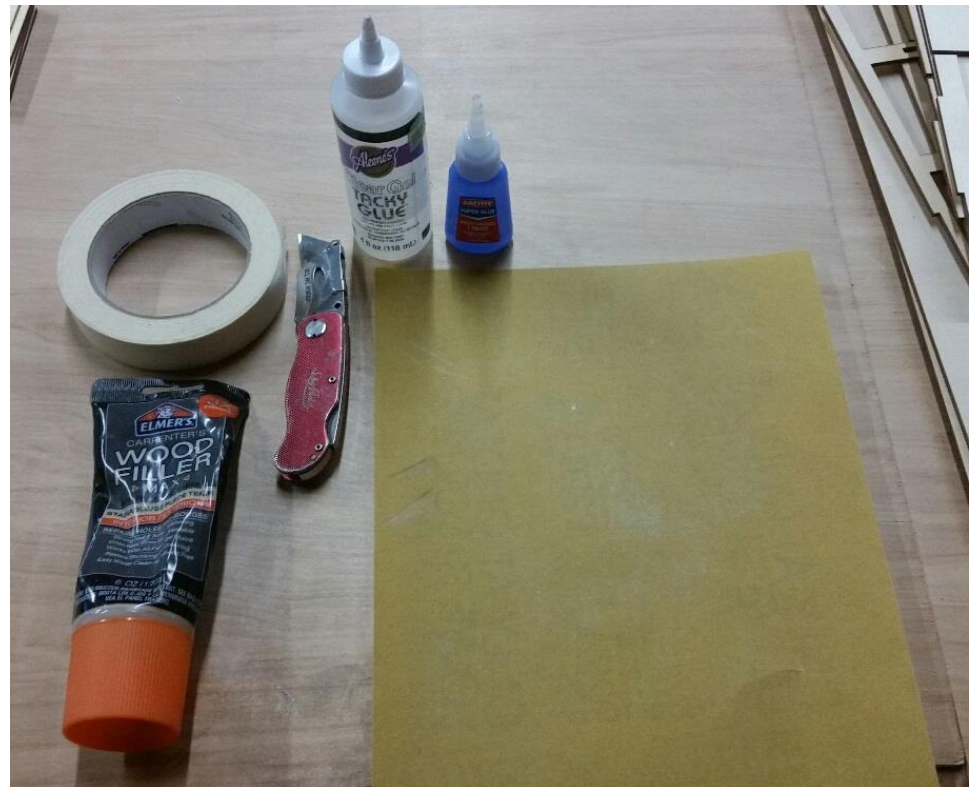
The Hannah Assembly Instruction
By Laser Dollhouse Designs



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.
7. Needle nose and hammer (again optional) if nailing house.



House Assembly

Step 1. Locate base marked S1 thru S8, figure 1. **Note: "S3 and the round frame are glued, do not remove."** Next install frame supports S1-S8, as seen in figure 2.

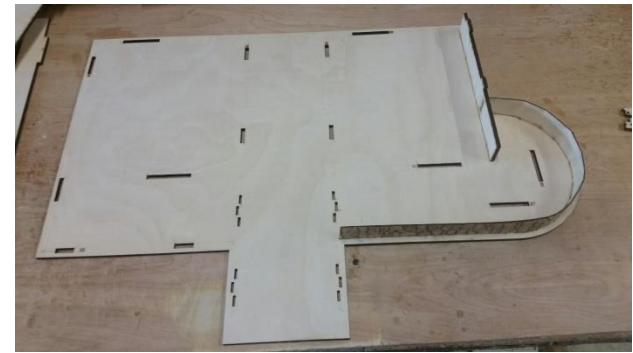


Figure 1

Step 2. Locate the main entry steps assembly as seen in figure 3. Next install onto base the step side walls as seen in figure 4. Install risers for the steps in between the outer side walls, figure 5.



Figure 2

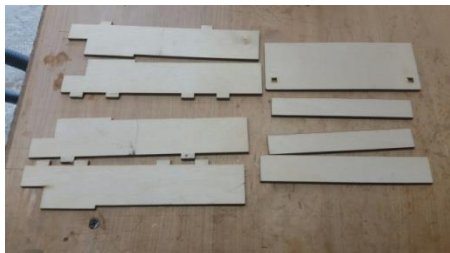


Figure 3



Figure 4

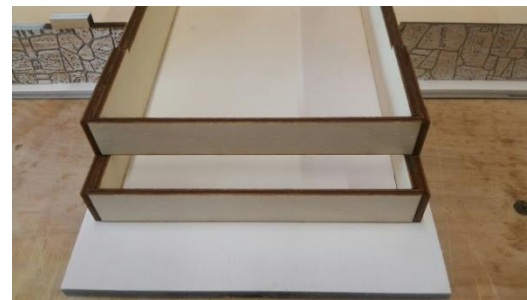


Figure 5

House Assembly

Step 3. Install lower tread as seen in figure 6. Next locate the 1st floor marked 1A thru 1F, figure 7. Next install 1st floor onto base assembly, figure 8. Install final tread to the steps as seen in figure 9, make sure again that it aligns to the first floor.



Figure 6



Figure 7



Figure 8



Figure 9

House Assembly

Step 4. Install walls 1A, 1C and 1F as seen in figure 10. Next install wall 1B into the cut notch in the second floor first then install onto the three walls, figure 11. Next install wall 1E on the left side and insert second floor into backside notch opening, figure 12. Now install wall 1D, figure 13.

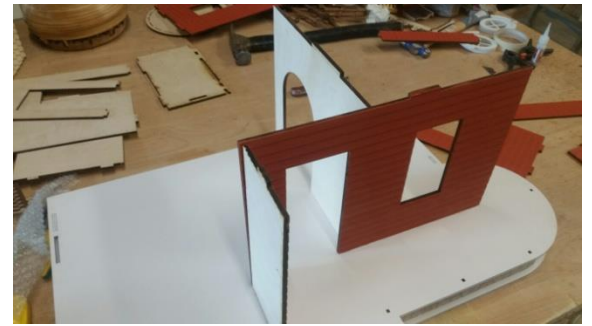


Figure 10



Figure 11

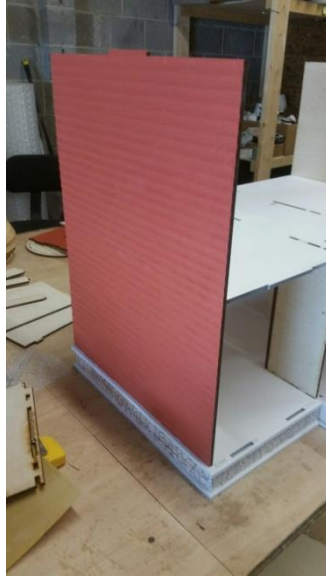


Figure 12



Figure 13

House Assembly

Note the tower wall has the words **bottom** and **top** labeled to avoid installing upside down. The words face outward.

Step 5. Carefully install the tower wall into wall 1B first and then work your way around to wall 2D, figure 14. Install onto the top of the tower wall the cover marked “tower temp cover for shingle installation.” , figure 14.

DO NOT GLUE THESE THREE WALL TO THE BASE UNTIL YOU HAVE SHINGLED THE TOWER WALLS!!

WARNING: DO NOT GLUE TEMP COVER TO THE TOP!!!!



Figure 14

Tower wall shingle assembly

Step 1. Tower wall shingles. For gluing recommend using super glue as you are going to be forcing the wood in a circle. You are provided one tube for this in the kit. Try taping shingles on to get a good idea prior to starting with glue. **If doing dry assembly proceed to step 5 in House assembly.** Locate the 4 rows and 3 window shingles in the kit. Do not open them until ready to use to avoid mixing. Take out row 1, figure 1. The shingles are packaged in the order that they are applied. The last shingle is slightly smaller that goes on the very top. Starting on the right wall glue to the wall flush to the bottom the first shingle, figure 2. Next install the next shingle with the bottom aligned to the lower shingle cutout upper divider line, make sure you align also the outside edge. Shingle should be offset as seen in figure 3.



Figure 1

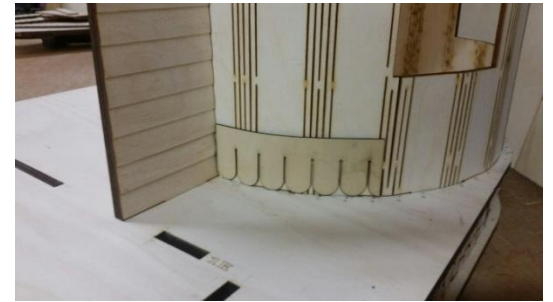


Figure 2

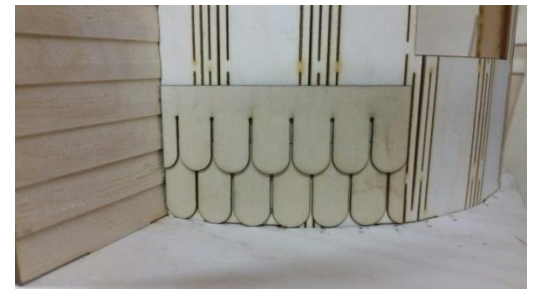


Figure 3

Tower wall shingle assembly

Step 2. Continue installing the shingles to the top of the wall as seen in figure 4. If you for some reason are short and do not hit the top flush do not worry install shingle to match lower shingle is most important for the correct look. In the end a upper and lower band will go around the top and bottom, figure 4.

Step 3. Locate the window 1 package of 6 shingles. Install the first against the first row and again flush to the floor. Continue to the bottom of the window, figure 5. Clamp or tape and let dry. **Dry time for super glue is around 5 min.** Step 4. Take the next shingle and install aligning it to the shingles on the right and the top of the window. Install remaining shingles and clamp or tape and let dry, fig 7.



Figure 4



Figure 5



Figure 6



Figure 7

Tower wall shingle assembly

Step 5. Locate row 2 shingles, install first 4 rows and clamp in between windows just below the shingle divider cutouts, figure 8. Install next shingle and clamp as you go up to help form shingles around windows, figure 9. Install remaining shingles once dry and clamp as seen in figure 10.

Step 6. Locate window 2 shingles and install as you did earlier for window 1, clamp and let dry, figure 11.

Step 7. Locate row 3 shingles and install as done earlier and clamp to let dry, figure 12.

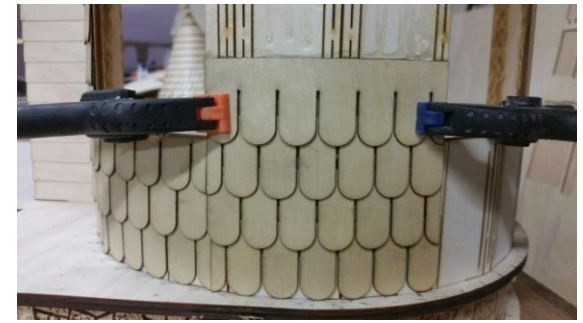


Figure 8

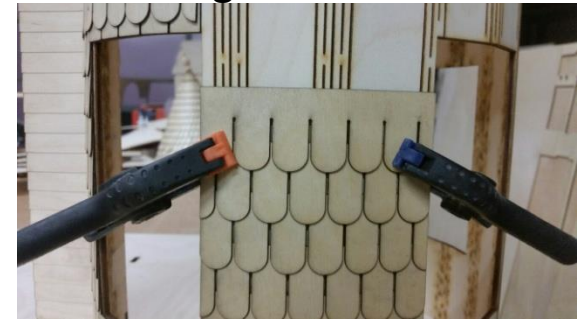


Figure 9



Figure 10



Figure 11



Figure 12

Tower wall shingle assembly

Step 8. Locate window 3 shingles and complete as done earlier, clamp and let dry, figure 13.

Step 9. Locate Row 4 shingles and install as done earlier, figure 14.

10. Locate the two bands, apply glue to back of band and install starting at one end and working around, use clamps to hold in place. If needed remove walls 2D and 2H to apply clamps. Also remove top temp cover and apply clamps, figure 15.



Figure 13



Figure 14



Figure 15

House Assembly

Step 6. Install remaining walls for 2nd floor as seen in figure 15. Install 3rd floor onto 2nd floor walls, the fit around tower will be tight, tap into place carefully.

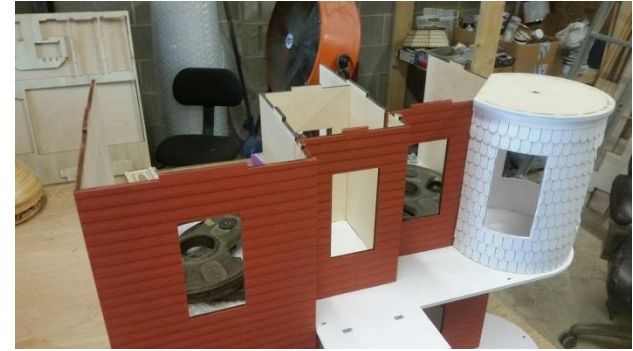


Figure 15

House Assembly

Step 7. Locate the 8 porch post and separate the two with a short notch at the bottom, these are for the porch step location. Figure 16. Next install the post into the floor and step, do not glue to the upper floor at this time. The corner brackets will be glued to post and roof later, this will allow you to properly align them. Figure 17. Assemble porch rails. Single slotted rails are the bottom and the double rails handles are the top. Once assembled paint and install 2nd floor rail as seen in figure 18. Now start the main floor rails at the stairs (fig 19) and work your way around, figure 20.



Figure 16



Figure 17



Figure 18



Figure 19



Figure 20

House Assembly

Step 8. Now paint and install the post corner brackets, figure 21.

Step 9. Install porch roof walls as seen in figure 22. Next install one roof panel for one side and then the roof ornament crest and the final panel, figure 23.

Step 10. Install rear roof panel support to the back of third floor, figure 24.



Figure 21



Figure 22



Figure 23



Figure 24

House Assembly

Step 11. Install 3rd floor and mid section roof support, figure 25. Install front supports, figure 26. Next install two front walls, figure 27.

Step 12. Install front right alcove roof panel, figure 28.



Figure 25



Figure 26



Figure 27



Figure 28

House Assembly

Step 13. Install left outer roof panel, figure 29. Next install the top flat roof panel, figure 30. Next install right side main roof panel, figure 31.

Step 14. Install corbels around the tower cap and install the tower cap onto the roof, align the corbels to sit at the outside edge of the windows. Figure 32. **The alignment is important as you will align the lower corbels around the house below.**



Figure 29



Figure 30



Figure 31



Figure 32

House Assembly

Step 15. Install front facing roof panel as seen in figure 33. Next install right side panel, figure 34.

Step 16. Glue to the dormer the side walls. Make sure that they are flush to the edge and aligned even to the front wall. Next install dormer to left side roof panel, figure 35.



Figure 33



Figure 34



Figure 35

House Assembly

Step 17. Install the dormer roof panels, figure 36.

Step 18. Install the front gables, they fit against the front walls under the roof panel. Make sure you have painted the panels prior to gluing gables in, figure 37. Next install dormer gable, figure 38.

Step 19. Install gable ornament crest, figure 39.



Figure 36



Figure 37



Figure 38



Figure 39

House Assembly

Step 20. Install front roof ornament crests as seen in figure 40.

Step 21. Install the corbels around the house, figure 41.



Figure 40



Figure 41

House Assembly

Step 22. Take a window and the two glass (figure 42) and insert into the opening to verify it fits as you may have painted the interior. If not fitted flush sand the corners with the protective cover on till it fits. Next remove the plastic cover from the glass. (make sure your hands are clean). Apply a very thin coat of glue to inside edge of pane, figure 43. Now install glass into the pane and gently press into place, take care not to press too hard and break the pane. Check that window opens over upper frame, if so let dry, fig. 44. Next glue the window interior frame, figure 45. Repeat process for remaining windows.



Figure 42



Figure 43



Figure 44



Figure 45

House Assembly

Step 23. Locate the two oval windows and the glass. Next apply to the edge of the pane a small amount of glue, remove protective cover from glass and insert into rear. Install windows into house.

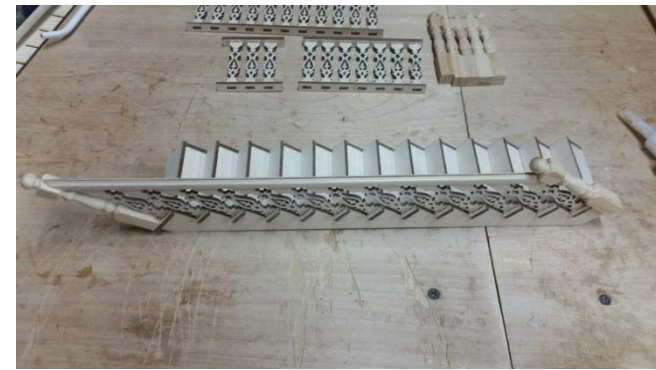


Figure 46

Step 24. Follow the instructions and assemble a left handrail staircase as seen in figure 46. Next install the staircases to the house making sure the top tread is even with the floor as seen in figure 47.



Figure 47

Step 25. Locate the landing rails, 4 newel post, and the half wall. Next insert the balusters into the rails as seen in figure 48. Install top cover rail onto assembly, figure 49.



Figure 48



Figure 49

House Assembly

Step 26. Install long landing rail to the 2nd floor, figure 50.
Next install the short landing rail to the 3rd floor and
install short wall, figure 51.

Step 27. Installing shingles start with the right front
facing roof panel and install even to the bottom of
the panel the lower board, figure 52.



Figure 50

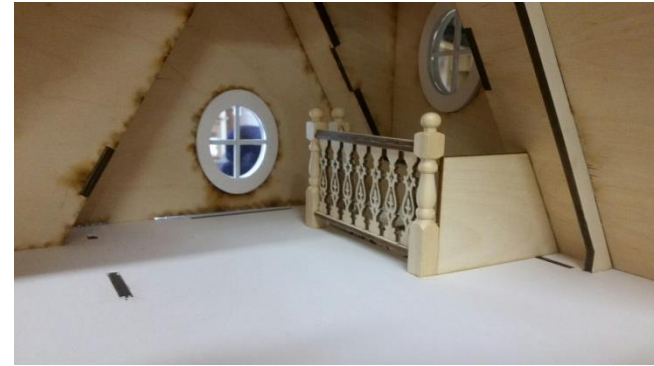


Figure 51



Figure 52

House Assembly

Step 28. Next install first shingle strip halfway from bottom of lower board. Shingle may extend past panel on right side, this is normal. Figure 53. Next apply 2nd string of shingles where the bottom of the fish scale meets the top of the lower groove cutout. The cutout groove will be the alignment guide for the installation of shingles above on each row. Figure 54. Continue process to the top, figure 55.



Figure 53



Figure 54



Figure 55

House Assembly

Step 29. Shingle next the side facing panel, again start with the lower board, figure 56. Follow same process as done on previous panel to the top, figure 57.



Figure 56

Step 30. Install the flat roof running trim, figure 58.



Figure 57

Step 31. Shingle the side main roof panel starting with again aligning lower board, figure 59. Follow same process as before to the top, figure 60.



Figure 58



Figure 59

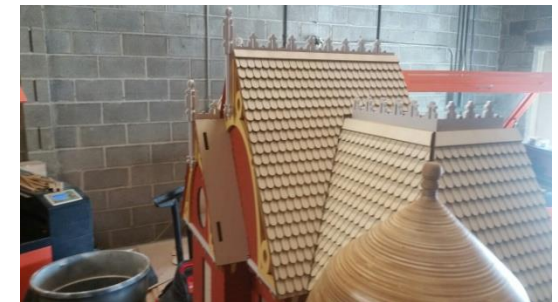


Figure 60

House Assembly

Step 32. Shingle the lower alcove, figure 60. Follow same process as before to the top, figure 61.

Step 33. Shingle the left and right side of the dormer roof, figure 62. Next shingle the left main roof panel, figure 63. Finally shingle the porch roof panels, figure 64.

Step 34. Install interior door and interior frames, assembly completed.



Figure 61



Figure 62



Figure 63



Figure 64



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