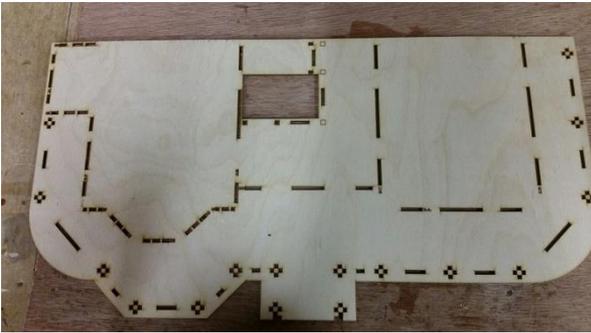


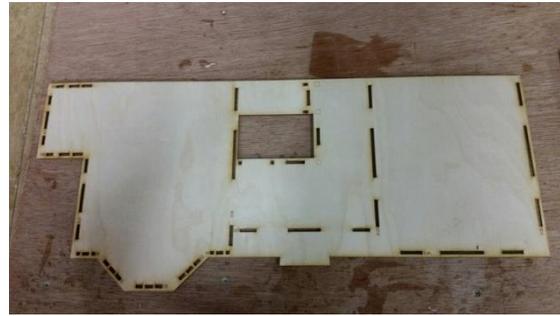
Hegeler Carus Mansion  
Assembly Instructions  
By  
Laser Dollhouse Designs



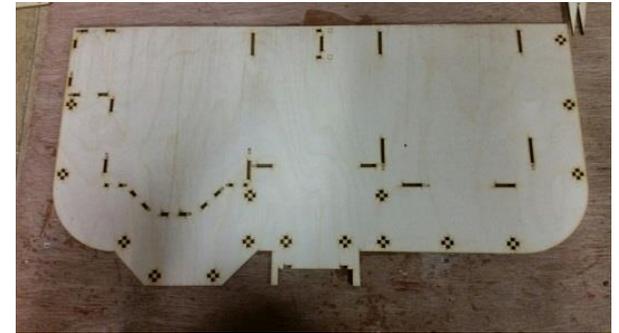
## Parts for assembly



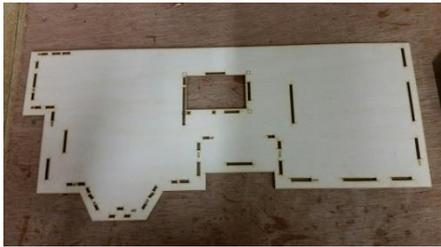
2<sup>nd</sup> floor base



3<sup>rd</sup> floor base



1<sup>st</sup> floor base



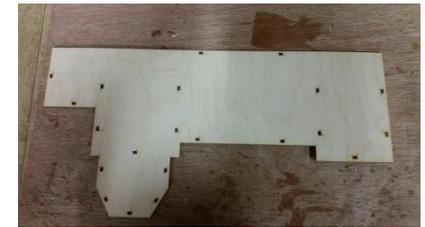
4<sup>th</sup> floor base



Lower roof panel



Mid roof panel



Upper roof panel

First floor walls labeled on tabs 1A-1M

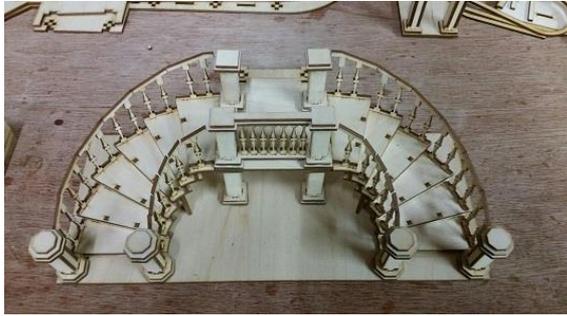
Second floor wall labeled 2A-2M

Third floor walls labeled 3A-3M

Fourth floor walls labeled 4A-4M

24 newel post

## Parts for assembly



Interior assembled stairs with safety rails (x3)

Main entry stair assembly



Main Entry doors



Interior doors (x4)



2<sup>nd</sup> floor porch rails



Roof riser supports  
R1-R13, (R11 & R12 x2)



Interior oval  
Doors frames (x4)



Single window interior  
& exterior frames (x17ea)

# Parts for assembly



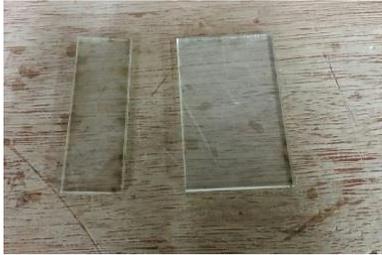
Main stair upper assembly



Upper porch rail trim



Roof window extension Caps (x2)



Plexiglas (4) large  
(34) Small  
(2) octagon



(4) Roof window assemblies



(1) Small roof Window assemblies



Oval window Frames (x2)



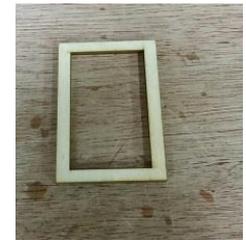
4<sup>th</sup> floor roof alcove frames



Roof shingles



Gables x 31



Roof window Interior frames x 4

## Parts for assembly



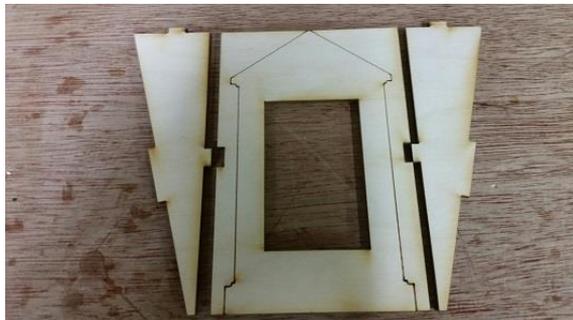
Large window exterior & Interior frames. X 8 ea.



Porch post x 12



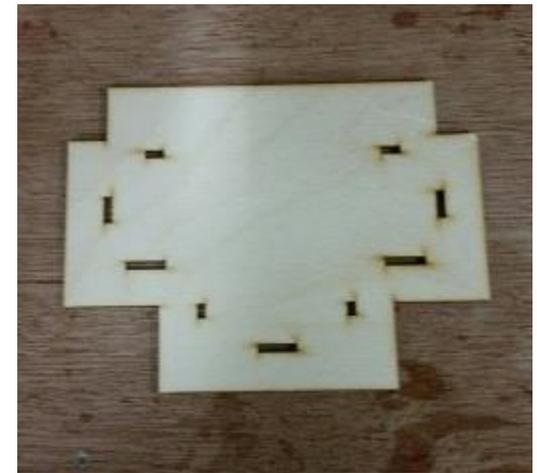
4 post center support assembly



Roof alcove/dormer wall assembly



Main entrance roof assembly

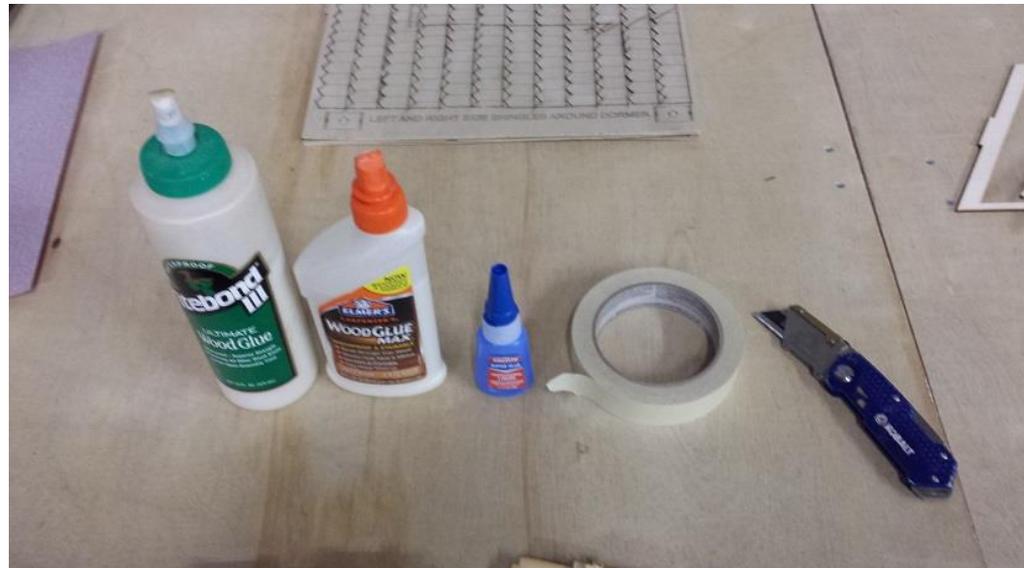


Main entry roof panel

**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 give you a chance to visualize how you want to approach the build.**

Materials for build;

1. Wood glue, you may use Titebond, elmers or any good wood glue. Tacky wood glue dries clear.
2. Masking tape to hold house in place during assembly and gluing.
3. Utility knife if needed for trimming.
4. Super glue for small items to seat in place quickly.



Note: Floor bases 1 thru 3 have the first riser glued in. see figure 1



Figure 1

Note 2: For the instruction we will not be covering in detail windows and door installation. We will cover the process here and as you the builder move thru the building process and have completed painting then complete window frame and glass install.

## Window assembly

1. All wall where there is a window frame to be installed has a drawn diagram for easy matching of frames. See figure 2.



Figure 2

2. Match the exterior window frames to the walls and when ready glue. Figure 3



Figure 3

3. Next turn wall over and install glass in wall cutouts. Figure 4

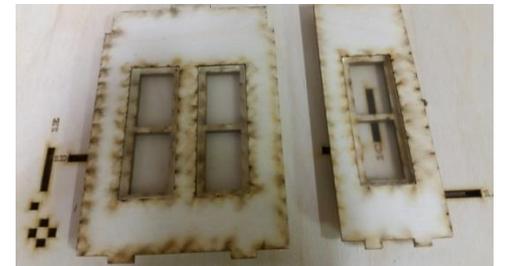


Figure 4

## Window assembly

Note 3: Look carefully at the interior window frames and identify the larger lower frame. Make sure the larger of the frames is on the bottom. This is the correct side to install.

4. Finally match the edges of the interior frames with the outer frames and glue. Figure 5

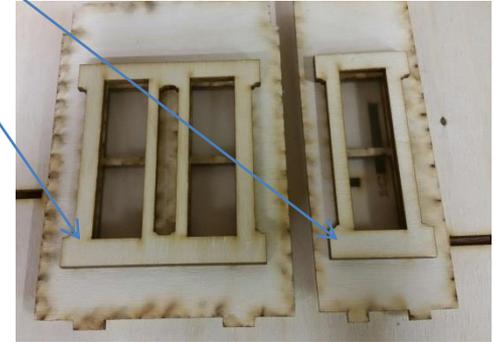


Figure 5

## Door Frames

1. Install doors and interior door frames opposite side, for walkway openings match half oval frames to wall cutouts. Figure 6.



Figure 6

## Dollhouse assembly

1. Install wall 1A thru 1M on base floor marked with matching numbers 1A thru 1M. Figure 7.  
If gluing house together make sure all doors and windows are installed.

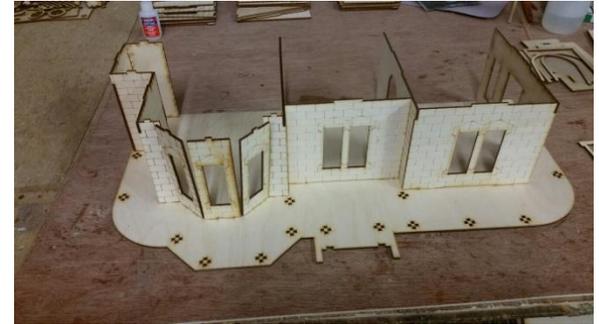
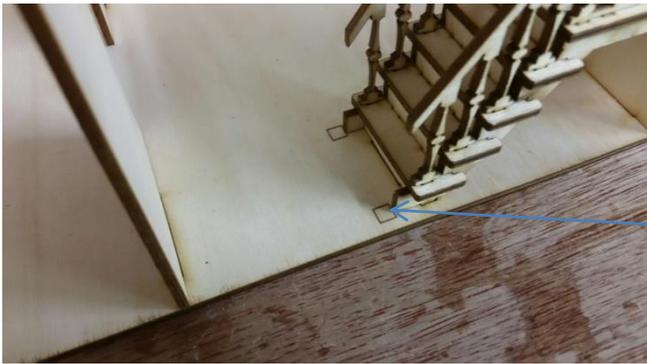


Figure 7

2. Install lower interior stairs to wall 1E. Careful not to press hard on the handrails. Figure 8. **If doing dry assembly you may bypass installing stairs.**



Figure 8



**Note 4: around the stair base and mid-platform that there are etched squares on them. This is where you install your newel posts.**



## Dollhouse assembly

Note 5: Recommend installing Newel post before gluing each floor above so that you may access the area without breaking rails.

3. Install 2<sup>nd</sup> set of stairs assembly to platform. Figure 9.

4. Locate and install 4 newel post. Two on the lower and two on the platform. Prior to gluing lightly sand the bottom even. Continue the process as you work each floor. Once completed they safety rails and newel post should look like figure 10.

Note: 1:48 scale upper rail toward wall does not have newel post. DO NOT install as it will interfere with door frame.



Figure 9



Figure 10

## Dollhouse assembly

5. Install front main exterior stair assembly by aligning with the front of the base floor assembly. Figure 11.

6. Install 4 post support assembly. This will hold the base and front stairs together once glued. Figure 12.

7. Install 2<sup>nd</sup> floor base. Figure 13. Be extremely careful from breaking the interior stairs. Seat the notches on stairs once you get to the center walls. May need help here. Note the notches in front figure 14. This is also where you will place two newel post. ONLY right side NEWEL POST IN 1:48 scale. Also stairs upper riser sits even with cutout here.



Figure11



Figure 12



Figure 13

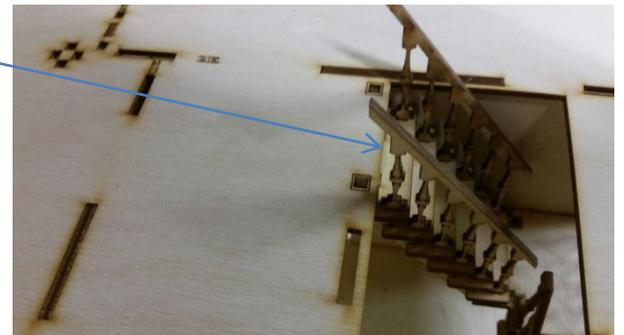


Figure 14

## Dollhouse assembly

8. Install the 12 porch post. Figure 15.

9. Install main porch stairs upper assembly. Figure 16

10. Install main entrance roof assembly. Figure 17.

11. Install main door into wall 2D. Figure 18.



Figure15



Figure 16



Figure 17



Figure 18

## Dollhouse assembly

12. Install safety rails and newel post on second floor.

13. Install 2<sup>nd</sup> floor walls after completing windows, window frames, and doors. If doing dry assembly install walls without windows, doors, and frames.  
Figure 19.

14. Install 3<sup>rd</sup> floor base. Figure 20.

15. Install main entry top roof panel. Figure 21.



Figure 19



Figure 20

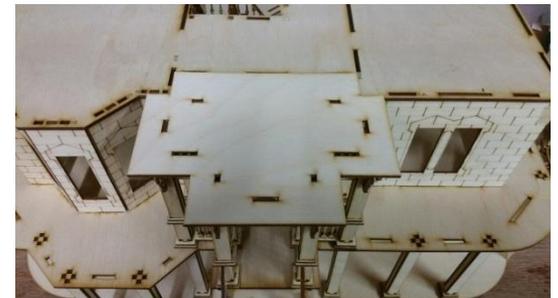


Figure 21

## Dollhouse assembly

16. Install the 2<sup>nd</sup> deck porch safety rails and post assembly. Figure 22.



Figure 22

17. Install porch trim around porch. Each trim fits even across the top. Figure 23.



Figure 23

18. Install interior safety rails and newel post as you did earlier, next install walls 3A-3M and install 4<sup>th</sup> floor base. Again being careful of the interior stairs assembly. Figure 24. If gluing house together make sure all doors and windows are installed.



Figure 24

## Dollhouse assembly

19. Assemble dormer windows by first installing rear wall extensions, figure 25. Next install roof dormer window and dormer window cap assembly, figure 26.

20. Install 4<sup>th</sup> floor roof walls, leave walls to left alcove off for now, walls 4G, 4H and 4I. Figure 27.

21. Install roof shingles starting with wall 4B. Figure 28



Figure 25



Figure 26

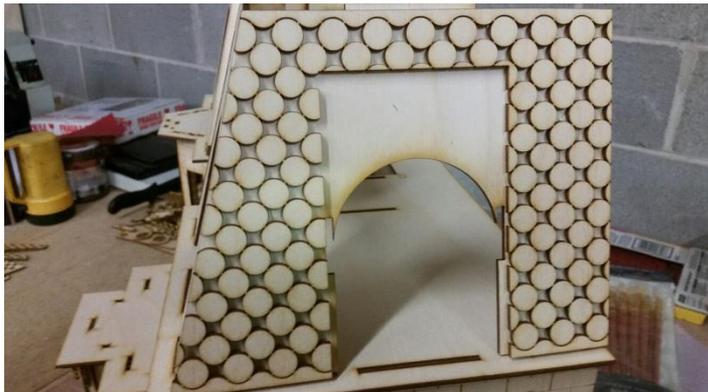


Figure 28



Figure 27

## Dollhouse assembly

22. Install dormer window assembly to wall 4B.  
Figure 29.

23. Install shingles to wall 4A, figure 30.

24. Install dormer window assembly to wall 4A.  
Figure 31.

25. Install shingles to center roof wall 4F. Align shingles to window markings, figure 32.



Figure 29



Figure 30



Figure 32



Figure 31

## Dollhouse assembly

26. Install roof window and shingles to side walls 4C and 4D. Figure 33.



Figure 33

27. Install shingles to wall 4J, note that the shingles line up with outside of wall and cut slots. Figure 34.

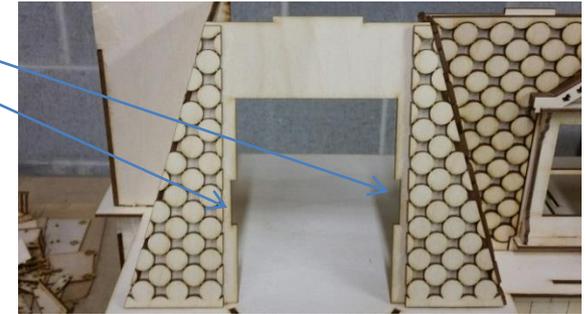


Figure 34

28. Install shingles to wall 4E, figure 35

29. Install shingles to wall 4K, figure 36.



Figure 36



Figure 35

## Dollhouse assembly

30. Install roof window assembly to wall 4L. Figure 37.



Figure 37

31. Install alcove wall extensions, figure 38.

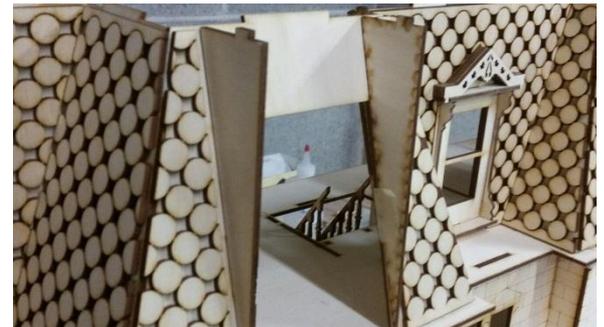


Figure 38

32. Install small window assembly to wall 4H, figure 39.

33. Install oval window exterior, interior, plexiglas. Next install walls 4G, 4H, and 4I. Figure 40. Now install 4<sup>th</sup> floor interior window glass and frames.



Figure 39



Figure 40

## Dollhouse assembly

34. Install lower roof panel. Figure 41. Install and complete interior safety rails and newel post. Figure 42.

35. Install roof supports / risers R1 thru R13. Figure 43.

36. Install mid level roof panel, figure 44.



Figure 41



Figure 42



Figure 44



Figure 43

## Dollhouse assembly

37. Install upper roof panel, figure 45.

38. Install window dormer alcove interior frames.  
Figure 46.

39. Install alcove square interior frame. Figure 47.



Figure 45



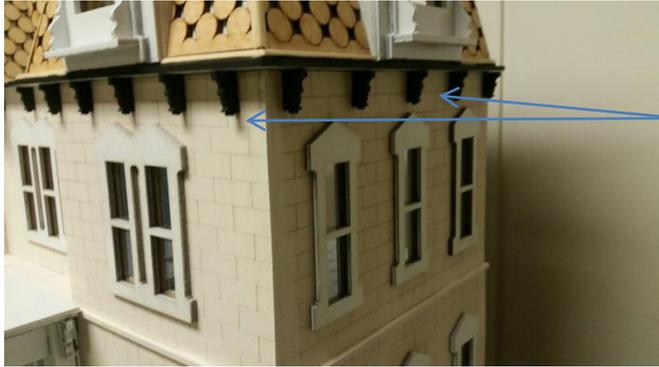
Figure 46



Figure 47

## Dollhouse assembly

40. Install gables around house 3<sup>rd</sup> floor. Space evenly, refer to figure 48.

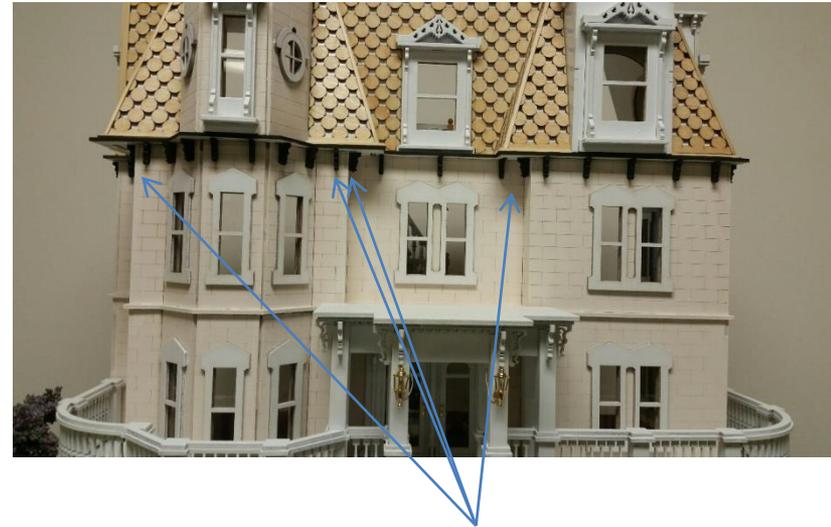


Note: 5 Corbels on each long wall

Figure 48



Note: Final 3 wall have 3 corbels on long walls and 2 on the extension wall.



Note: 1 Corbel on short wall extensions.

Note: 3 Corbel center wall

Note: 2 Corbels on each alcove wall



Congratulations Hegeler Carus completed.

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