

Walter Building Flat Iron Style.



RIVER LEAF MODELS, LLC

Thank you for purchasing the Walter Building Flat Iron structure kit. Your kit includes everything you need to assemble the final product. We recommend using “Carpenter’s Glue”, which is available in various brands, including *Elmer’s*. We also recommend using a steel square for perfectly aligning your walls. Perpendicularity is important; and a drafting triangle will also suffice. A sharp X-Acto knife and a sanding tool are also necessary, with either fine sandpaper or a nail file being suitable.

Step #1 – Glue the Four Walls Together.

First, be familiar with the walls, there is two wall that look similar but are slightly different. Due the geometry complexity we need to be very careful, aligning the walls.

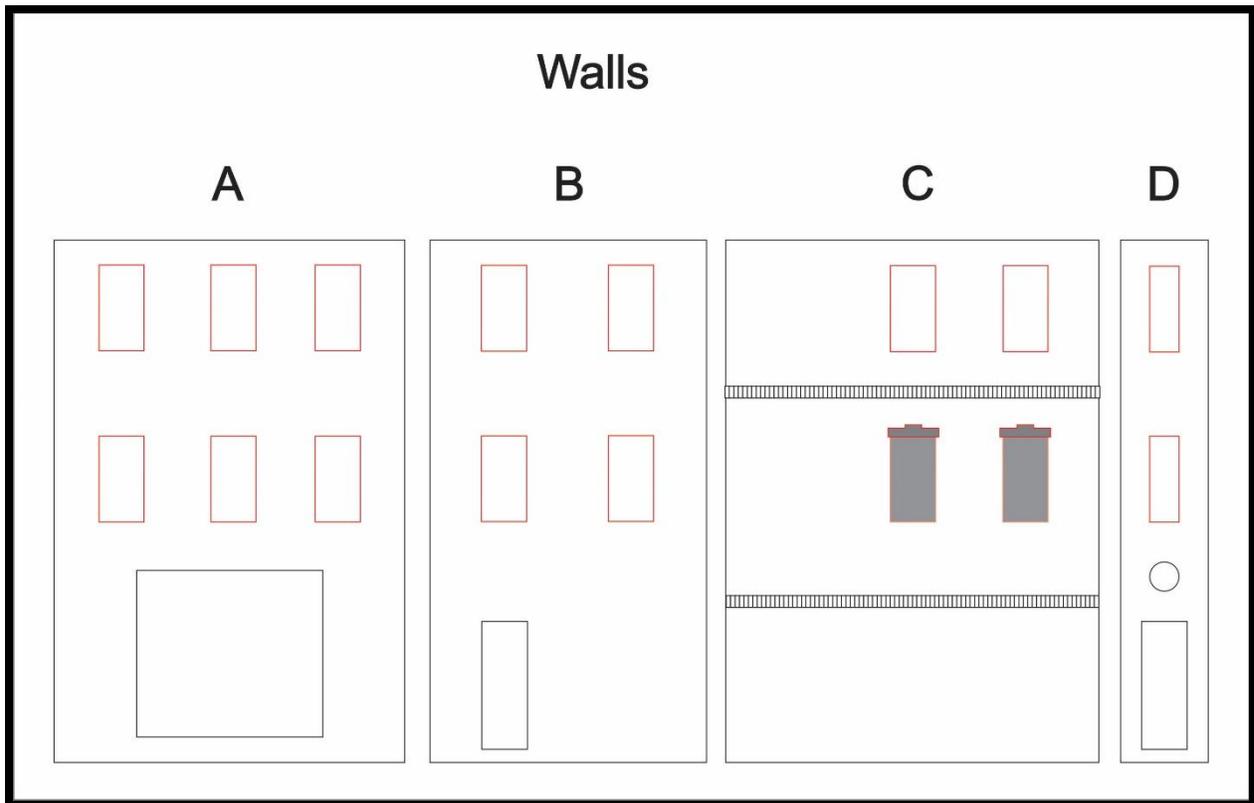


FIGURE 1.1 – WALLS

Important note:

The building angle can be swapped to the right if you proceed to glue the wall “B” on the right.

Lay down the wall A on a flat surface. Apply small amount of glue over the edge and glue the wall B and D (Figure 1.2) Keep the walls 90 perpendicular and let it dry well. The roof may help to you to verify the quadrature.

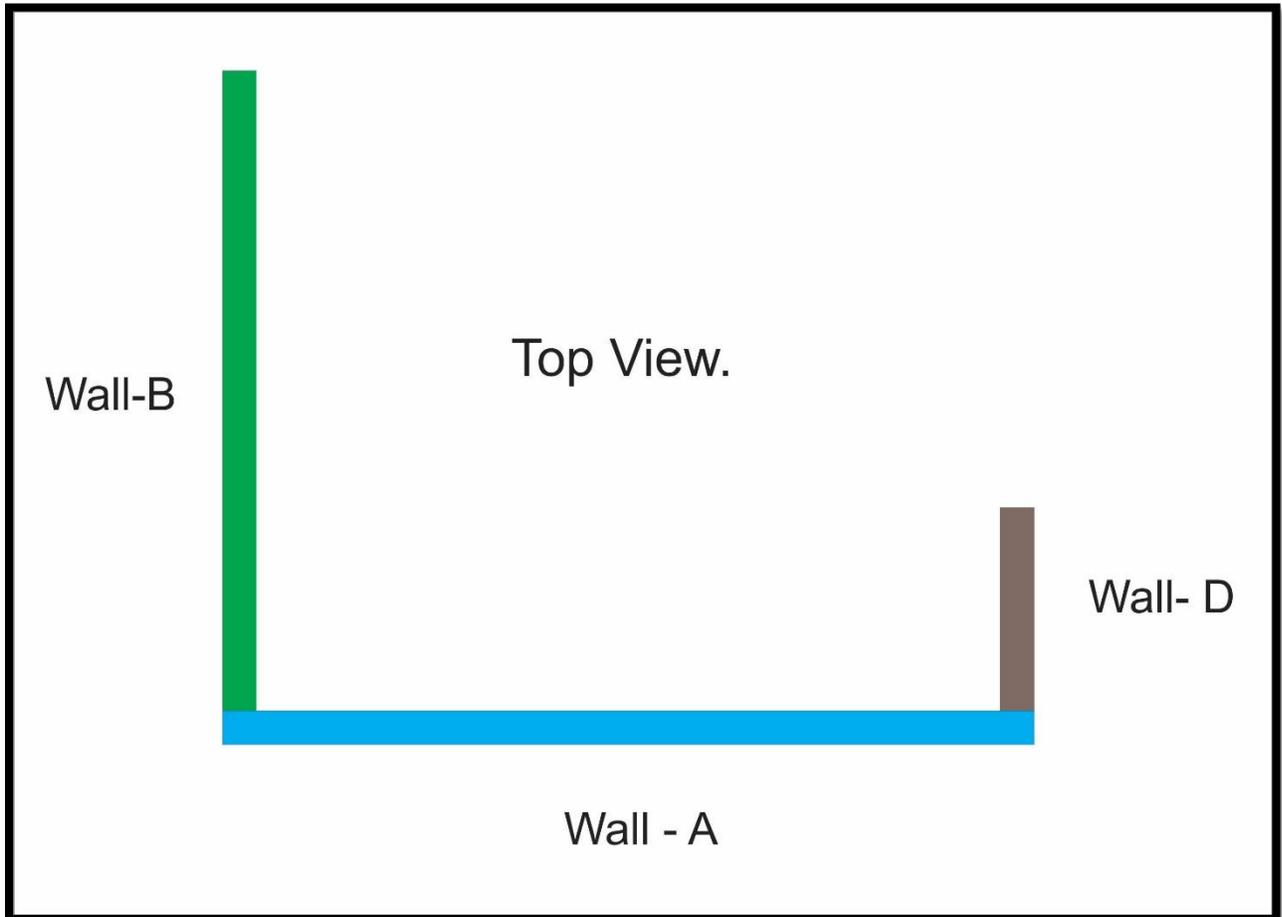


FIGURE 1.2 -GLUING THE PERPENDICULARS WALLS

After the Wall A, B and D are glued together we will proceed to put the structure resting on the wall B and glue the angle key as show in the figure 1.3. The key will be located any way on the wall B, just be careful do **don't** locate where can interfere with the roof and not far as 0.23" from the edge.

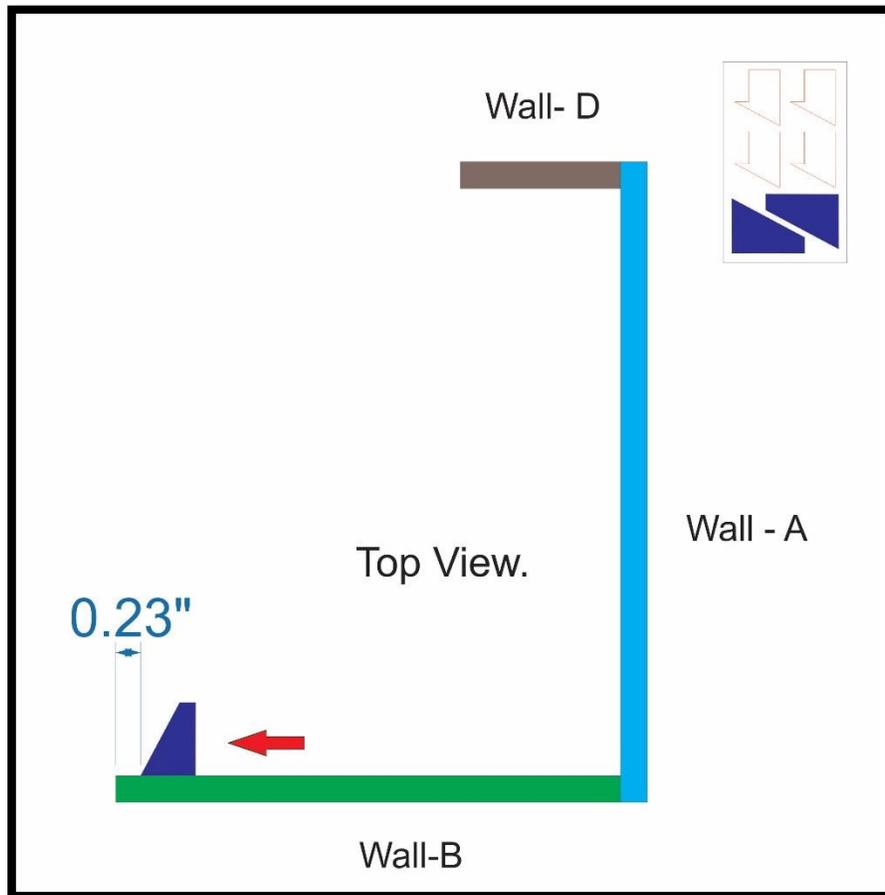


FIGURE 1.3 - ANGLE KEY

After that we will proceed to install the wall "C" is wall is angled and will rest over the wall "B" and "D" the the angle key will help to keep the wall in place until the glue dry completely.

Add glue to the contact edge of the "C" wall, place the wall on the wall "B" touching the key and let it rest on the wall "D" as show in the figure 1.4.

Add glue to the edges of the second angle key (purple) and glue it keeping away from the roof line. We provided 4 key in case of reinforcement, but 2 are necessary.

Check the quadrature using the roof, and let the glue dry well.

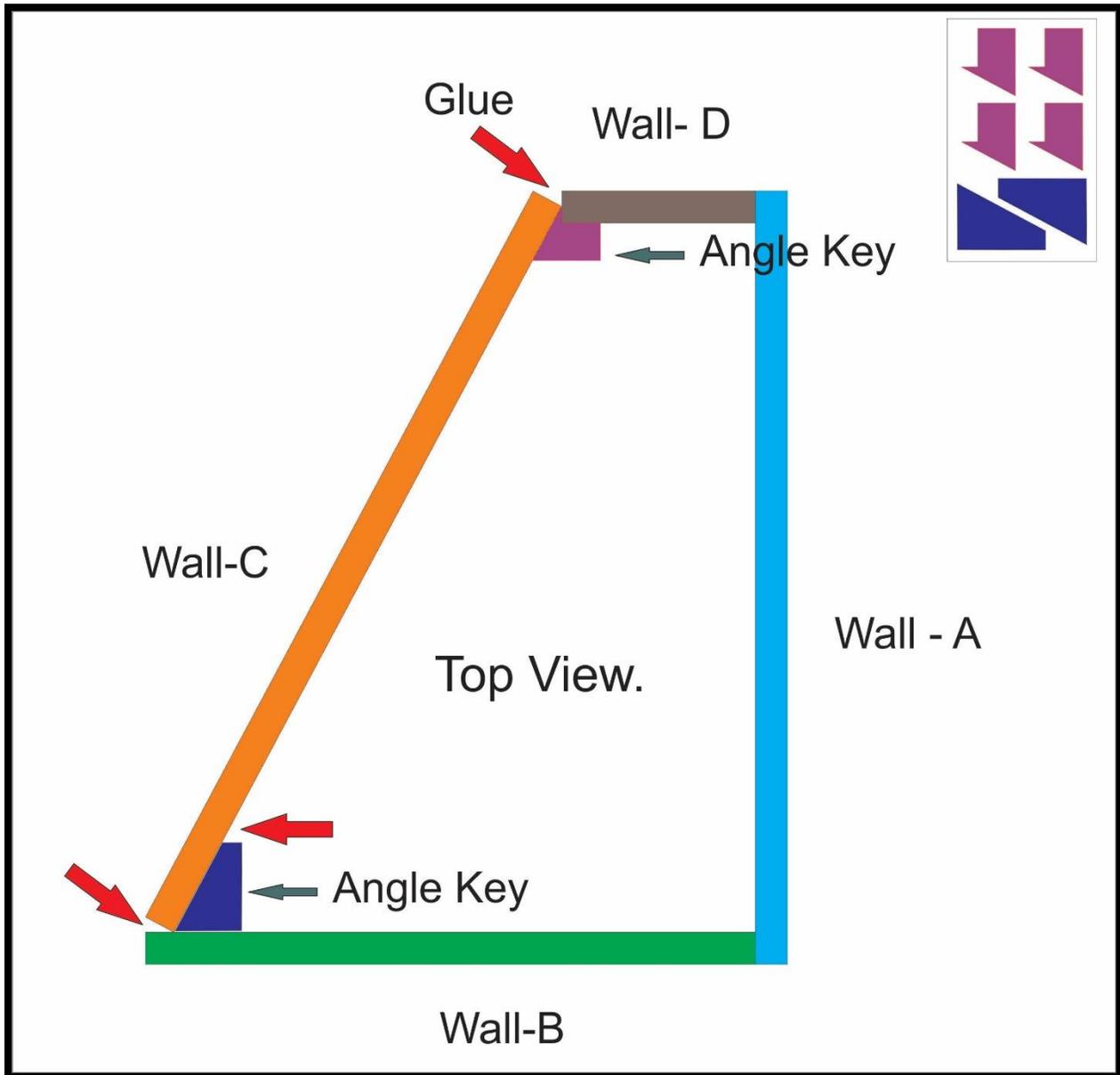


FIGURE 1.4 – ANGLED WALL “C”

Step #2 - Painting the Base Structure.

There are a number of methods for painting the structure. Experienced modelers will find the structure is well suited to any number of painting and detailing techniques. Here is one technique delivering excellent results.

Using a sponge roller, paint the brick surface with the desired color. The sponge roller controls the paint application without contaminating the mortar lines. After the paint dries, spray dull cote over the structure to seal the acrylic paint. When the dull cote dries, apply wall compound as mortar, remove the excess from the brick surface with a damp cloth.

Step #2 – Quoins, Windows and Details.

Paint the quoins, windows frame, lintels and cornice with the desired color. [Signage are available on our website for download.](#)

2.1 Quoins

Add a small amount of glue and glue it on the corners overlapping the edges. In the kit you will find a quoin that is double, this one will be covering the corner between the wall “C” and “D”. Gentle bend the quoin apply glue and glue it.

The corner between the wall “B” and “C” is made from three pieces, two quoins and one straight one as show the picture.



FIGURE 2.1– TREE PIECES QUOINS.

2.2 Windows and Doors.

Windows and doors are made from plywood, and after painted, the smear could interfere with the installation. Use sandpaper to remove the paint and make the window frame fit perfectly in the wall.

After all windows fit perfectly install the glass and shade and insert them back to the wall.

Remove the linters and headers and install them using little amount of carpenter glue to void smears.

The side Windows is using acrylic to give a better looking to your interior.

Doors are precut to make it easy in case you want to left them in an open position.

The Side window sign is removable in case you want to leave it blank. Paint the sign and insert it in the window frame.



FIGURE 2.2– WINDOWS AND DOORS

2.3 Roof and Cornice.

The roof is the center of the cornice. Insert it on top of the building, then glue the cornice ornaments in each corner let it dry well. After that place the top cornice (triangular hollow piece) center it accordingly.



FIGURE 2.3– ROOF AND CORNICE.

Congratulations! Your building is complete!

With your building now finished, you may opt to further enhance the structure using weathering techniques such as chalk or misting. Keep in mind that weather runs from top to bottom and will be concentrated in areas where water may gather and run off, such as around windows. Likewise, you may have weather “splash up” along the base. We will be posting tips on aging and weathering on our website in the near future.

If you have questions on construction or suggestions, please contact us by email at riverleafmodels@gmail.com

Andre Garcia
www.riverleafmodels.us