

Conowingo Models



Molly's Trolley Station

0 scale



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Thank you for purchasing this kit!

For tips, tricks and techniques, as well as the latest versions of kit instructions, please see our website.

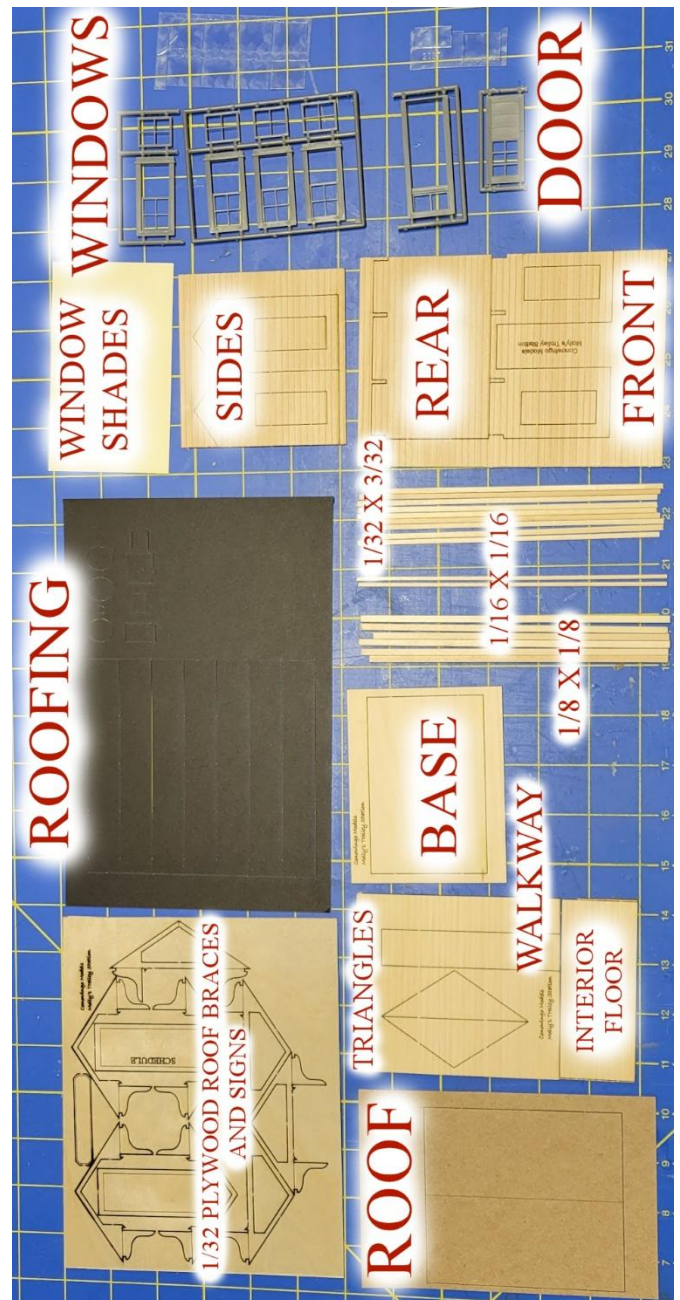
This kit utilizes birch plywood. It takes detail very well and is strong. However, it warps easily and can be somewhat unpredictable to laser cut. We felt that in spite of its' shortcomings, it was the right material to use on this kit. We apologize for any inconvenience caused by the necessity to cut some parts out. You may need a strong knife to cut what the laser did not.

This building was designed to be a small trolley station, but could be repurposed for a variety of other uses. It can have TONS of character or be pretty generic. The choice is yours.

We did include a laser-cut walkway, or you can alternatively use 1/32 x 3/32 stripwood cut to fit.

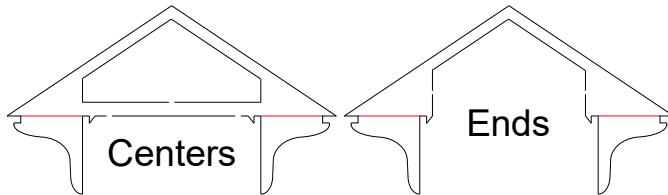
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PARTS DIAGRAM



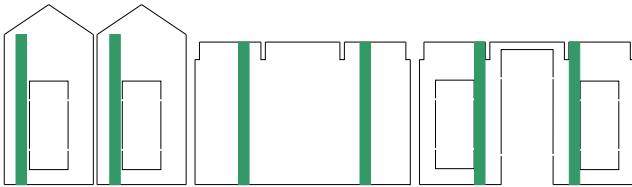
ROOF SUPPORTS

Start by gluing the roof braces together. Glue like pieces together, ensuring the line shown below in red is visible on both sides.



BRACING

A. Use the 1/8 bracing (green) to brace the walls. Cut the wall bracing to accommodate the floor, which will sit level on the inside of the building once complete.



B. Use the excess for horizontal bracing along the bottom to help with attaching to the base. You may also choose to add vertical bracing to the sides of the front door. (Not shown)

PAINT

This little structure lends itself well to highly detailed painting. You might want to paint the 1/8-inch corner bracing a different color than the rest of the structure.

Paint all parts as you see fit.

We stained the interior floor and the 1/32 x 3/32 stripwood. The interior floor was done using Hunterline Cedar and the stripwood received variations of Hunterline Driftwood and Blue Grey.



We've included this photo to show how we painted the pilot model.

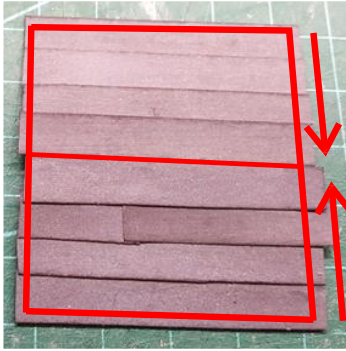
TARPAPER ROOFING

1. Find the black construction paper carrier sheet with the cut strips on it. *****Do not remove the strips from the carrier sheet yet.**
2. You could use it the way it is to represent a brand-new roof by using as single, even coat of dark grey and skipping ahead to step 9. However, we recommend very quickly spray painting it with three different shades of grey. You don't want a uniform cover. Half-sprayed splotches are great.
3. It dries pretty quickly. Once the roofing is dry, cut a strip from the carrier sheet.
4. Take that strip and line it up along the corner of a scrap piece of 2x4 or an edge of a hard material you don't mind getting messed up.



5. Take either a 400-grit sanding sponge or sandpaper and gently run it across the construction paper strip. The goal is to blend the paint colors together.
6. If you so desire, you can dig into one of the long the edges and sides of the construction paper enough that the black comes through to show roofing damage. It's your model, your call. (Photo shows fully assembled)
7. Repeat steps 3 - 6 until all roofing strips are complete.
8. On one piece of roofing material, scratch up both long edges if you're aging the roof. This will be your roof cap. Hold this piece separate from the rest.

9. Locate one of the chipboard roof pieces you prepared a while ago.

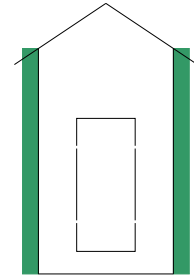


10. With the middle cut edge up, glue the roofing strips down in the following manner;
11. Start by adding a row of tarpaper at the bottom. There are guides on the sides and middle. Use them at your discretion to help keep the tarpaper straight. Ensure the scraped black edge is on the down side. You want a slight overlap on the bottom edge and on both sides.
12. If you desire, you can cut a row short and add an overlapping piece. Left to right or right to left doesn't matter. This shows where the tarpaper roll ended and a new one began. You may also want to use a scraped edge on the "new roll" where it overlaps the "old roll". This shows character.
13. We recommend flipping the roof around and doing the bottom row.
14. Allowing for slight overlap, add rows until both halves are covered. Do not cross over the cut line in the middle.
15. Allow the roof to dry and cut the excess from the sides. You may choose to add some weight so that the roof dries flat. Not adding weight may add character, but you might not be happy with the results.

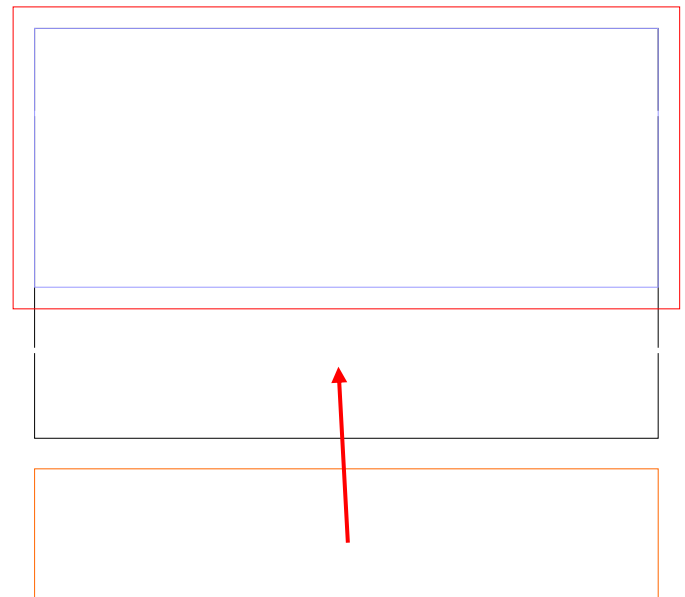
FINISH THE DOORS AND WINDOWS

1. Glue the acetate into the windows.
2. Glue the windows into the window frames.
3. Glue the door into the door frame.

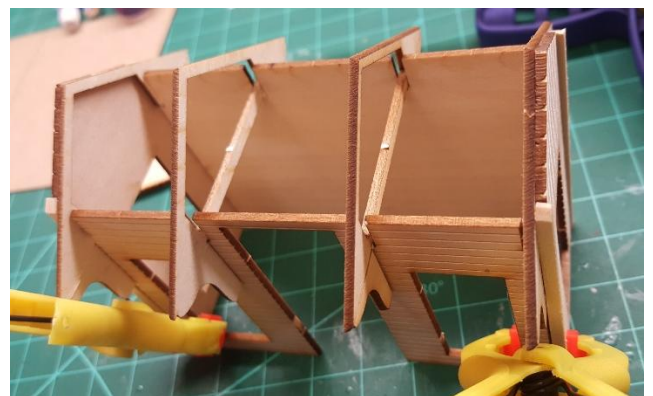
ASSEMBLE THE STRUCTURE



1. Attach the 1/8 bracing to the corners of both ends. Cut the excess flush with the roofline.
2. Once dry, use a slow-drying glue, such as Aileens' to glue the four walls together, ensuring they are even at the bottom.
3. Install the windows. Hold off on installing the door until the front deck is in place.



4. Glue down the flooring (blue) to the rear of the base (in black, mostly covered).





5. Glue the roof supports into place on the structure, ensuring proper fit on all sides. Also glue a piece of 1/16 stripwood through the notches. (The pilot model did not receive this piece. The same installation on Kellow Station shown to illustrate what you need to do.)

This detail was added in an attempt to remove the sagging that you see in the roof of the pilot model.

6. Let dry.
7. Cut and glue into place window treatments as desired.
8. Fit and glue roof and roof cap into place.
9. Add the triangle shaped end pieces at this time as well.
10. Trial fit the building to the base so that the building will sit level. The exterior wall outline is shown on the diagram from the previous page in red. You may need to cut some of the bracing if you didn't account for it while bracing. Glue the building into place when you are satisfied with the fit.
11. Glue down the piece for the front walkway (orange) so that it butts up against the front wall of the station. Shown above out of place for clarity. It will go over the remaining base (black) You may want to put a final wash of stain over the top to cover up any unstained wood.

Alternatively, you could cut and install the 1/32 x 3/32 stripwood for a more realistic look.

12. Feel free to decorate the sign boards and glue them wherever you see fit.

13. Please share your photos on our Facebook page!
<https://www.facebook.com/ConowingoModels>

Once again, thank you for your purchase!

If there are any parts missing, please e-mail us what you need to complete the kit and we'll send it your way. We, mainly me, is a one-man shop and I do occasionally miss things. Suggestions for improvement are welcome.

Please send photos or share them on our Conowingo Models Builders Facebook page!

See the Conowingo Models website
www.conowingomodels.com

Or our Facebook page
<https://www.facebook.com/ConowingoModels/>
 for more exciting, funky buildings and rolling stock for your model railroad!

Many thanks to my family, Martin Brechbiel, Jeff Grove, Steve Milley and Mark Schreier for their support!

The name - There had to be a Beatles reference in our product lineup. In the song [Ob-La-Di, Ob-La-Da](#), there is a reference to the character Desmond taking the trolley to the jeweler's store to buy Molly a ring.

