

STATION DEPOT[®] by RailroadKITS

This is an easy kit that you'll get done in just a few fun evenings of work. If you've never built a wood structure kit then this kit is going to be a great first try. It'll be hard to mess this one up. Thank you for purchasing this kit and congratulations on finding the very best bargain in HO scale kits... Railroad Kits!

The inspiration for Station Depot or Depot Station (It depends on who here at Railroad Kits you talk too) came from a model scratch built by Doug Foscale for his railroad. Doug's was much longer than this version I chose to put out in kit form. Everyone needs a depot on their railroad. Everyone needs a station.

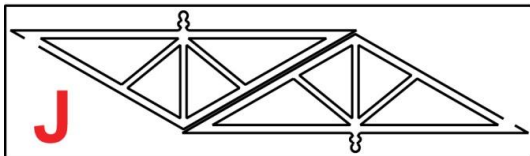
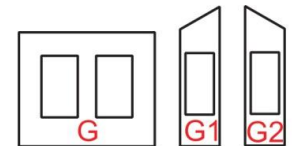
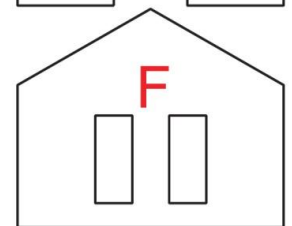
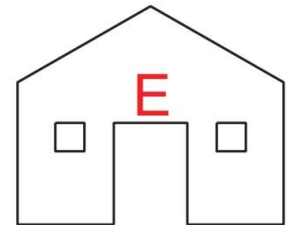
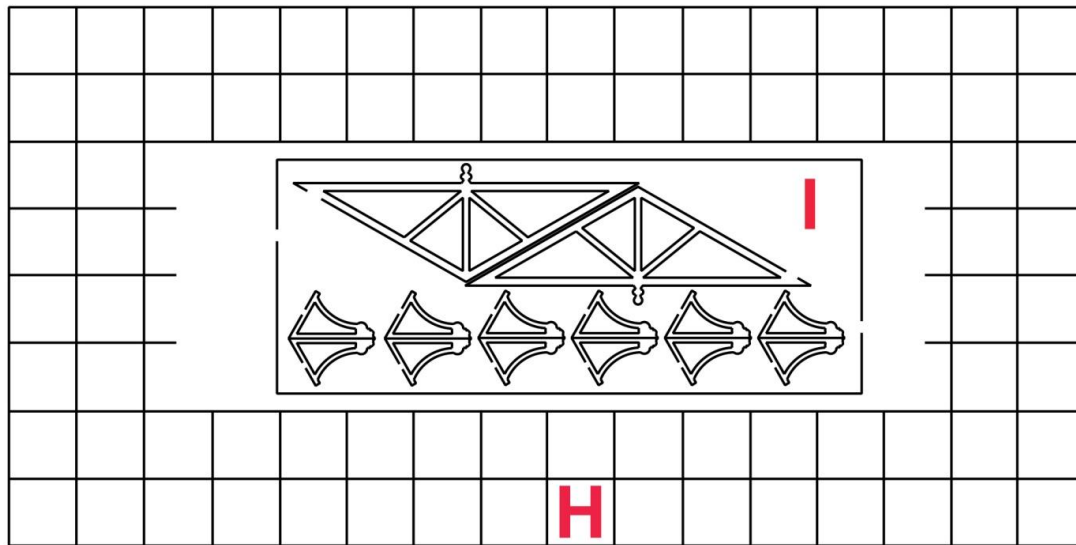
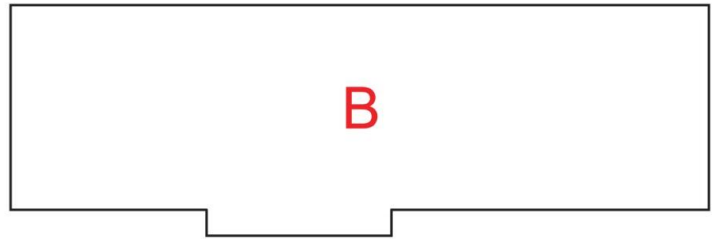
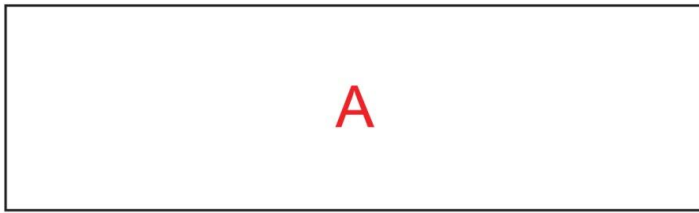
First let me remind you to always read these instructions all the way through before beginning construction. Then read them again as you build the kit. Refer to the pictures and diagrams for help too.

I'm assuming that you have a basic understanding of building a model. We aren't going to get into detail on painting, or weathering. These instructions also assume you've read the instructions on the tools that we'll be using. Safety First! These tools can cause injury or death if not used properly. This kit is intended to be built by adults. It is not a toy.

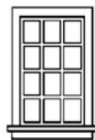
The items I recommend you have in your kit builders tool box are below. This is an extensive list and only a few of these are used during the building of this particular kit:

- X-Acto or hobby knife with a supply of new #11 Blades
- A #18 or similar chisel type blade for your hobby knife
- Straight edge razor blades
- Flat, heavy weights
- HO scale ruler
- Assorted fine wood files
- A quality pin vise and drills
- Various course and fine grades of sand paper
- Quality assortment of paint brushes
- Small carpenters type of square
- GLUES: CANOPY GLUE – used for almost everything.
- GLUES: ELMERS WHITE GLUE - used to join all wood to wood parts
- GLUES: 5 MINUTE EPOXY - used to join metal to wood, plastic to wood and plastic to metal.
- GLUES: ZAP A GAP (Super Glue, or CA) - used to join all metal to metal
- GLUES: RUBBER CEMENT: Used to achieve the effects of peeling paint.
- PAINTS: CRAFT PAINTS SUCH AS APPLE BARREL
- PAINTS: FLOQUIL RAILROAD COLORS
- PAINTS: MODEL MASTER PAINTS
- PAINTS: POLLY S PAINTS My number ONE paint
- RUSTALL
- ALCOHOL STAIN - Used to weather everything. I make mine like everyone else; one pint of Isopropyl rubbing alcohol to 1 teaspoons of black India ink and second mixture of 4 teaspoons to a pint of India ink.

Get familiar with the contents of Depot Station:



T8056



G5031



T8067



T8132



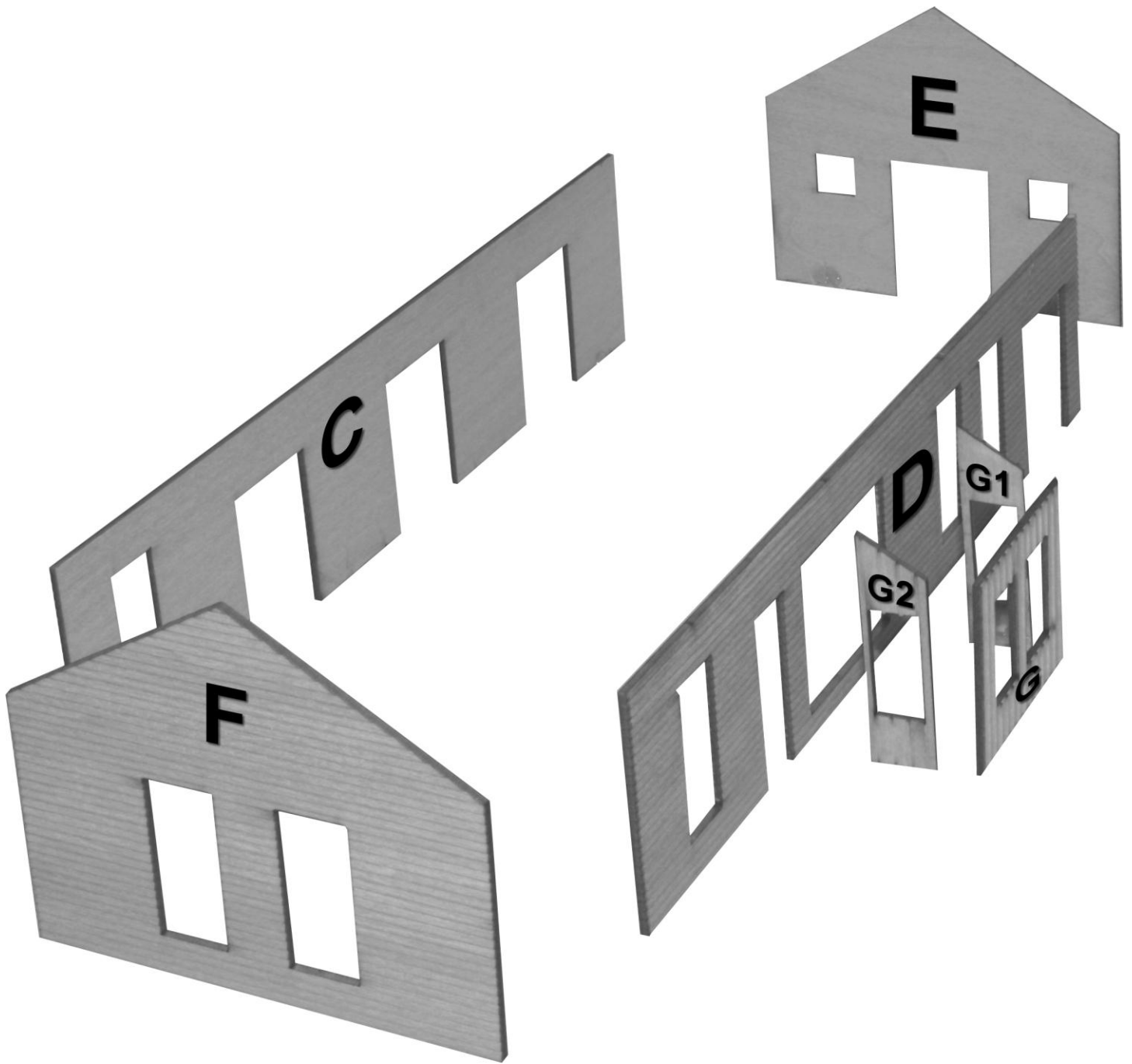
T8131



T8125

Depot
Station
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Here is the basic exploded view of how everything fits together:



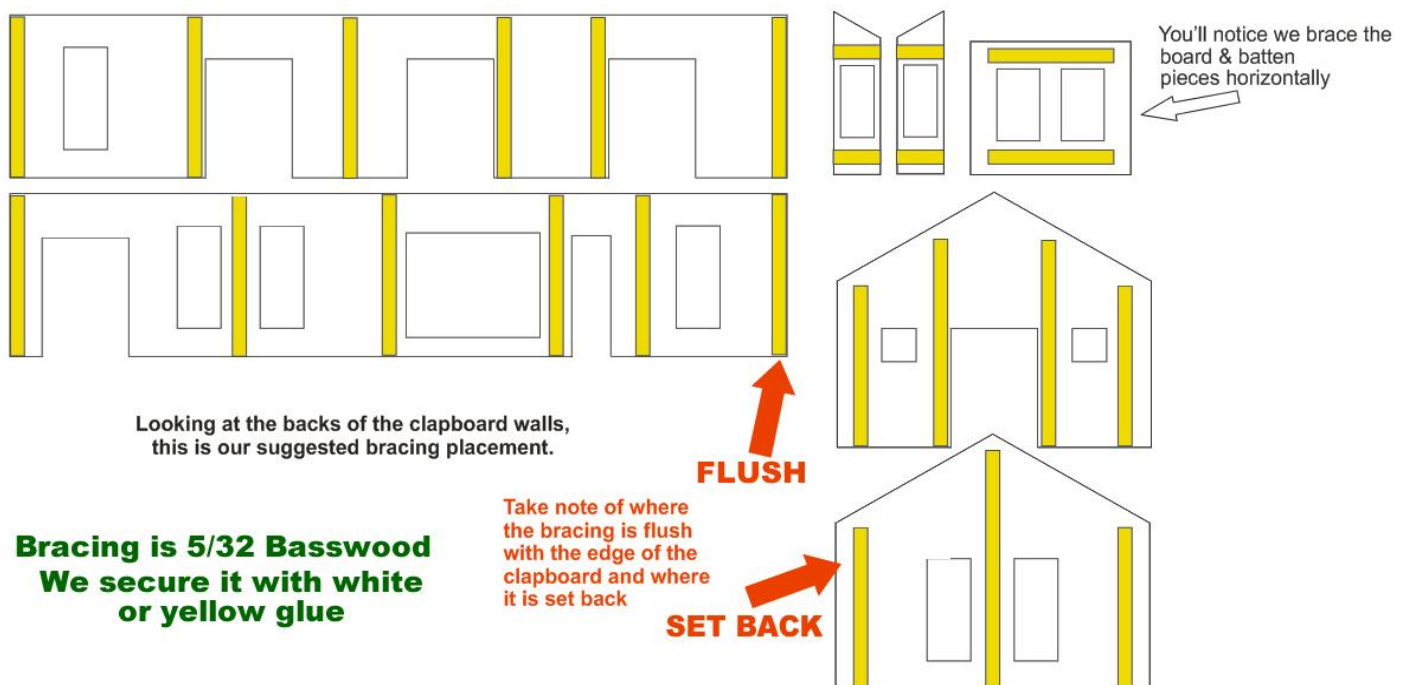
LET'S BUILD IT! Step 1

First we'll add your nail holes/heads... there are of course several sizes of ponce wheels. I like the larger of the ponce wheels, while it only puts about a nail head/hole in each board; it shows up better after I get the painting/weathering done. This of course should be based on your personal choice...I have tried it both ways with the smaller nail head/hole, I just don't think the smaller shows up as well...



Step 2

Follow the guide below and brace the wood walls. This will keep them from warping too much. After you've glued on the bracing, put the walls under a weight to keep them flat. The glue may contain enough water to actually warp the walls as you are bracing them. Just the opposite of what we are trying to accomplish in this step! Please pay attention to where the bracing is flush with the edges of the walls, and where it is set back from the edges. (The high end peaked pieces) Another note is that the board & batten pieces get braced horizontally. If the glue oozes out of the bracing, be sure to wipe it clean. This will insure a clean joint when you glue the building together.



Step 3

Get the plastic doors and windows together. Remove any burr's or left over flashing. The best way to paint these is to spray them the color you choose. If you can't spray them, brush them carefully. Be sure not to let any paint "pool" in the corners. Multiple light coats are best whenever painting. Allow them to dry thoroughly. Cut the included Acetate we're using as glass and glue the pieces to the backs of the doors and windows. Be careful not to get glue on the Acetate in the places it will be seen. Another method is using a product called "Gallery Glass" (available in most craft stores) or you can even use "Canopy Glue" as a glass substitute.

Step 4

Paint the wood walls the color of your choice. Again, keep a weight of some sort on them to keep them flat while drying. Painting both sides of the walls will help further reduce the warping.

Paint the 1/16th corner trim, & the roof panels. (paint both sides, & the edges of the roof panels - parts A & B on page 2)

Carefully cut out the plywood pieces (part I on page 2) from the floor section (part H on page 2.) Paint those. For color ideas see the photo's at the end of these instructions, or online at www.RailroadKits.com. We painted all the parts in I white. We painted the base (H) a concrete gray similar to a sidewalk color.

Allow everything to dry before moving on.

Step 5

Assemble the walls. Following the diagram on Page 3, glue the walls together. Use a carpenters square to keep everything straight and the corners at 90 degrees. Allow the building to dry before handling it again. The photo below shows the walls up. You can now add the 1/16th corner trim pieces.



1/16th Corner trim

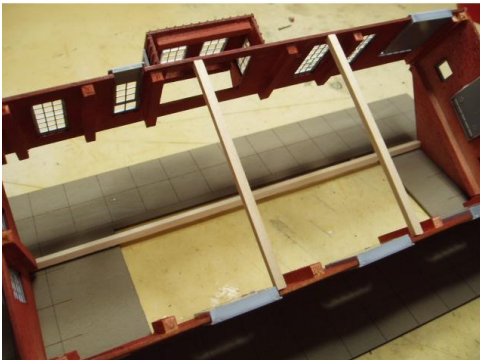


Step 6

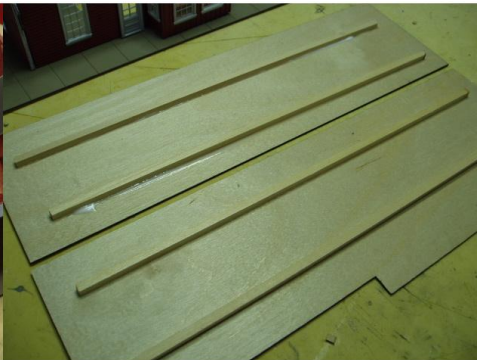
At this point you can glue in the doors and windows. Wipe any excess glue that seeps out. Let all you've done dry.

Step 7

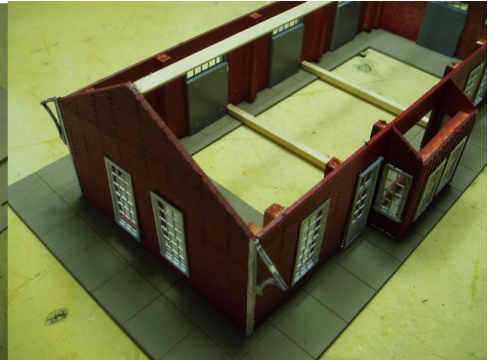
Let's add some more bracing to make the station a lot sturdier. Below we've shown you how we braced the building sideways, added a piece of bracing lengthwise at the roof peak, and added bracing to the roof panels (A & B on page 2.)



Sideways bracing added



Roof panels bracing added



Roof peak brace added

Step 8

Let's put our roof shingles on the roof panels. If you don't know how this is done, please watch the video on the Railroad Kits website here: http://www.railroadkits.com/instructions/Roofing_How_To.html.



On the roof to the left Jeff Grove painted the shingle sheets gray, then dusted them with different color chalks before putting them on. Notice how the shingle color subtle differences make a huge improvement over a single color roof.

You can now glue the roof panels on & place the roofing ridge cap. Add the chimney's as shown.

Jeff used 3M #465 Transfer tape to apply the roofing shingles to panels A & B. You first apply the tape to the surface of the roof deck, and be sure it is pressed down everywhere...then you need to "pick" the corner to start removing the protective sheet of the tape. This is a quicker method than glue, but it is unforgiving. If you make a mistake, you'll ruin the roofing material. I only recommend that experienced modeller's use this method.

Alternative Roofing Method!



3M #465 applied and pressed down



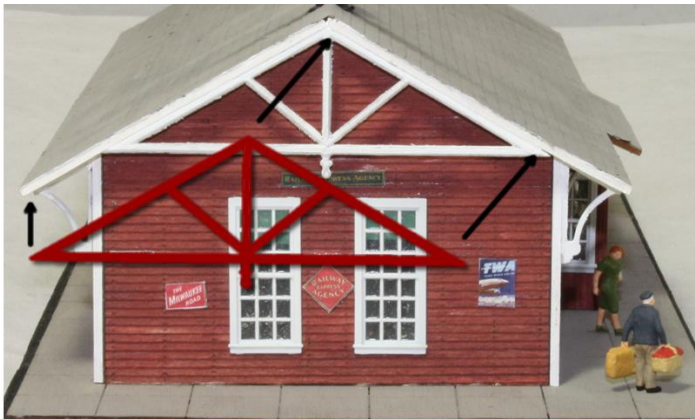
"Pick" the corner to grasp it



Pull away and start roofing

Step 9

Add the trim pieces from part I on page 2 as shown:



Part J is laserboard and I give you that so you can “two-tone” the trim on the roof peaks if you’d like. Even using it painted the same color adds a bit more detail to those pieces.

Adding Part J for a different look

Step 10

Glue the building to the base. Glue on the signs. I think you’re finished! Congratulations.

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Depot / Station

