

Vealtown Mfg. are best known for their left-handed finigan pins, but you can also get gears, widgets, sprockets, and custom made hamwogles. They have been supplying the residents of Vealtown for well over a century.

This kit is a beautiful representation of a trackside industry. It can be built easily in a few nights. Take your time and enjoy the process. You can build it into Vealtown Mfg. or use your imagination to see what you can come up with for your railroad!

Tools & Supplies

- | | | |
|---|----------------------------|--------------------|
| ✓ Hobby knife, with an #11
Xacto Blade | ✓ 1-2-3 blocks (optional) | ✓ Paints & Brushes |
| ✓ Fine File | ✓ Small magnets (optional) | ✓ Tweezers |
| ✓ Square & Ruler | ✓ NWSL Chopper (optional) | ✓ Patience |
| ✓ Pounce tool or T-Pin/Needle | ✓ PVA glue or wood glue | ✓ Fun |
| | ✓ Cyanoacrylate glue (CA) | |

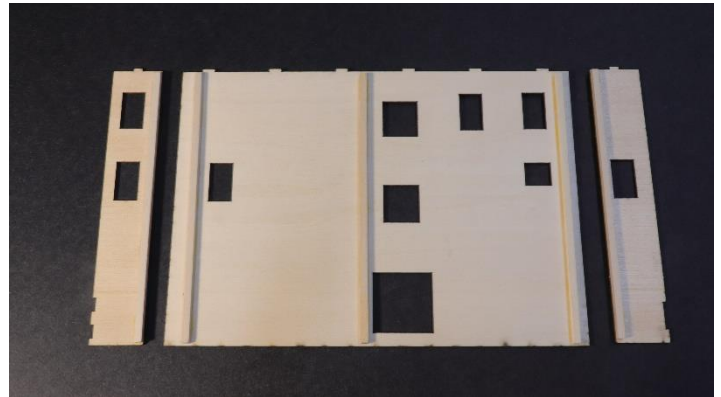
Pre-assembly

1. Inspect all sheets of laser cut materials against the diagrams provided in the instructions, checking for any missing pieces or damaged parts. Please reach out to us with any issue.
2. Before starting your model, read through these instructions completely to become familiar with the parts and assembly sequence.

Bracing & Corner Molding

3. In the kit we supply 1/8"x1/8" stripwood (**RED** tip) to brace the backside of the clapboard pieces. Remove parts #1-3 from clapboard sheet. Cut the 1/8" stripwood to fit on the smooth side of the parts. Reference the parts list for bracing location.

*We suggest you paint the walls and corner molding your desired color before adding the corner molding, in the next step. You achieve a cleaner painted edge.



4. Add the corner molding using the 1/16"x1/16" stripwood (**GREEN** tip) provided in the kit. The 2 corner moldings are glued to the sides of part# 1. Cut the 1/16" corner molding about 1/8" longer than the edge of the wall that it will be glued to. Use 1-2-3 blocks or other squared weights to hold it in place while the glue dries. Trim the corner molding flush to top and bottom edges of walls.



Main Building & Bump Outs

5. The main building needs assemblies #1-3. This is the time you want to use 1-2-3 blocks and small magnets to assure the walls are glued together square. Start with part #1, laying clapboard side down. Glue on the 2 short sides (parts #2, 3), making sure the single and double notches are facing the back of the structure. Allow it to dry.



6. Add the bottom stiffener part #7 to the back of parts #2&3. There is a single tab on one side and double tabs on the other side. They match up to the notches on the back of #2&3.



7. The stone foundation is made from parts #4&5 (qty.2). We primed the foundation material with black paint. Then paint on the various stone colors and follow it up with your favorite technique for mortar. Attach the three foundation pieces onto the bottom of the wall assembly.



*There are two different bump outs on the building. They are optional if you prefer to leave one or both off. They are built in the same fashion as the main building.

8. The bump out on the left parts #8,9&10. Brace them with the 1/8"x1/8" stripwood. Reference the bracing diagram. The bracing should be 3/16" away from the front edge of parts #9&10. There is NO 1/16" corner trim on these bump outs.
9. Attach the short side walls #9&10 onto the front wall #8. Again, paint the stone foundation parts #11&12 (qty2), and glue them onto the bottom of the bump out assembly.
10. The right bump out is assembled in the same manor. Use parts #13,14,15 for the walls. Brace them. Then add the block foundation parts #16&17 (qty2).



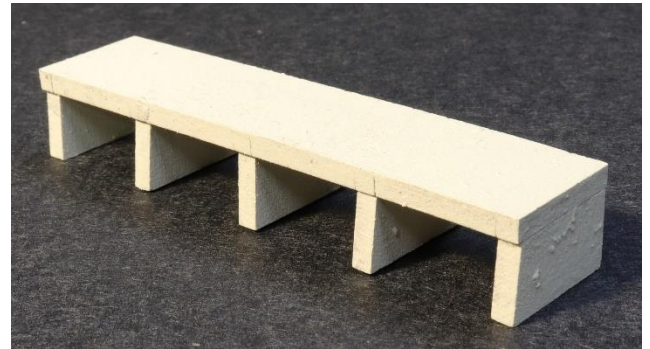
11. Now you can attach the side walls of each bump out onto the front walls. Again, square them up using 1-2-3 blocks and magnets.

***DO NOT attach the bumps outs to the main building yet. The loading docks need to be assembled in future steps.**



Loading Docks

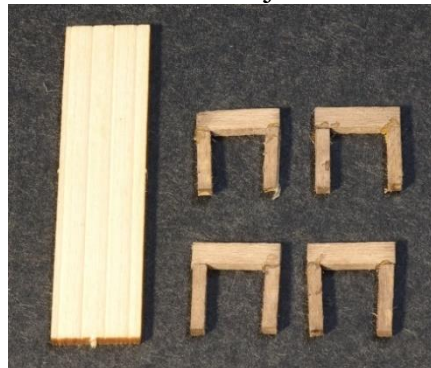
12. The dock in front of the right side bump out has a concrete loading dock in front of it. This is created using the 1/8" thick basswood (parts #43,44(x5)). On #43 there are scribed lines to help align the concrete leg supports #44. One short side of the #44 legs there is a slight angle. The angles should be facing the front edge. Before assembly, you can rough up the edges, add cracks, and soften the edges to make them look like old, weathered concrete.



13. The center wooden dock uses part #40 for the top decking. The three bottom support joists are built using 1/8"x1/8" stripwood (**RED** tip). Use the dock template provided on the sheets to get cut lengths and gluing pattern. After the three joist assemblies are dry, attach them to the smooth side #40. Cut a couple pieces of 1/32"x1/16" stripwood (**BLUE** tip) to make cross bracing for the dock legs.



14. The long skinny dock on the left is made using part #39 for the top decking. The four bottom support joists are built using 1/16"x1/16" stripwood (**GREEN** tip) for the legs, and 1/16"x1/8" (**YELLOW** tip) for the horizontal joists. Use the dock template provided on the sheets to get cut lengths and gluing pattern. After the four joist assemblies are dry, attach them to the smooth side of #39. Cut four pieces of 1/32"x1/16" stripwood (**BLUE** tip) to make cross bracing for the dock legs.

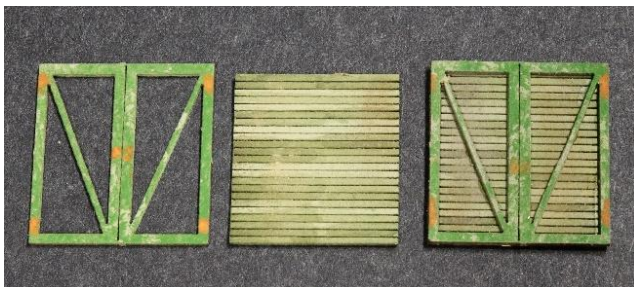


15. Now that the three dock assemblies are done, they can be attached to the main building and bump outs. The center square dock is glued to the main building centered on the 1st floor double doors. The decking boards should run parallel to the building.
16. Now attach the two bump outs to the front of the main building.



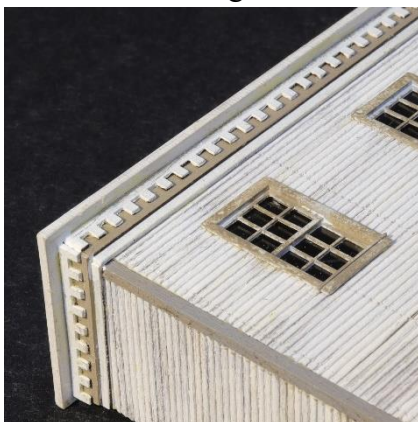
Windows & Doors

17. Most of the windows and doors are by Tichy Train Group. Paint them your desired color. Then cut the clear acetate to fit the back of the window frames.
18. There are three small freight doors that are laser cut from 1/32" laserboard parts #36,37. Be sure to center the engraved board piece #36 on the frame #37. Install the window and door frames into the structure.



Roof

19. Paint the top edges and underneath edges of part #6 the same color as your trim. This will be visible. Once dry, you can flip over #6 and Attach it to the top tabs of the main building's walls.



20. The cornice detail (left) is created using parts #22-27. The long front starts with #22 glued under the front edge of #6. Then add the narrow #23. Follow on top with the dental detail #24.
21. Repeat the process on the short sides with parts #25,26,27.

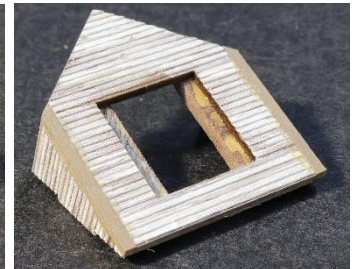
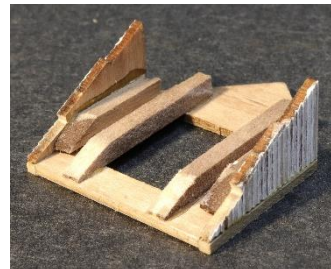
22. Add the vertical, center roof supports parts # 18(x2) to the center slots in #6.
23. Now add the two scribed outside vertical roof supports parts #41,42.
24. The backside of the supports have notches in them. This is for the back brace part #45.



25. Add the roof sheet part #21.



26. The small dormer is made from parts #28,29,30, Brace them using 1/8x1/8 stripwood (RED tip), reference the bracing sheet. Add the corner trim on the sides of #28 using 1/16"x1/16" stripwood (GREEN tip). Attach the sides of the dormer #29,30 to #28.



27. Add the dormer assembled to the roof sheathing. Use the tabs and slots as a guide.
28. Attach the dormer roof parts #31,32.
29. Add the last door assembly made from parts #36,37 (See step 18).
30. The last roof sheets to add are for the two bump out structures. The right side uses part #33. The left side uses parts #34,35.



*Included in the kit is a variety of roofing materials. We used the laser cut rolled roofing strips on the right bump out, and corrugated roofing material on the left bump out. The main building's roof is covered in shingles. At www.MineMountModels.com we have a variety of different styles of roofing materials. They are all available in HO S & O scales. There are also "Mine Mount Minutes" how-tos on painting rusty corrugated and shingles, and stone walls. Easy techniques to achieve great results.

31. To attach the materials to the roof sheets, we prefer to use thin double-sided transfer tape. Glue can be used if the tape is not available. Paint or stain laser cut shingle materials. You will want to vary the color of the shingles by using multiple colors of paints. Dry brush dark gray & grimy black vertically on shingles for a weathered slate shingle look. Paint the "rolled roofing tarpaper" and corrugated material.

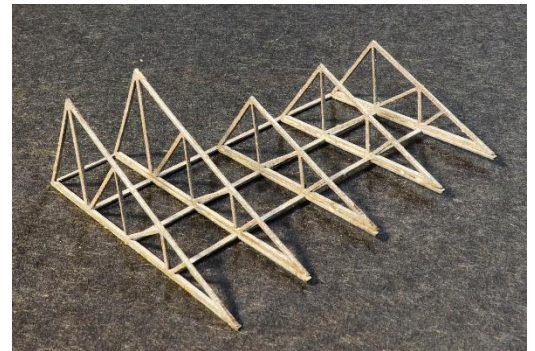
32. Peel off the first strip of protective cover from the double stick tape and apply the different roofing materials as shown in the following pictures.



Signs & Details

The kit comes with a variety of signs that can add life to your model. There are no specific spots for any of the signs... except for the one billboard roof sign.

33. Start the billboard with the support structure. It uses parts #46-51. Add the vertical legs #47(x3), #48(x2) to the front frame #46. Use 1-2-3 blocks and magnets to make sure they are perpendicular to the front frame.

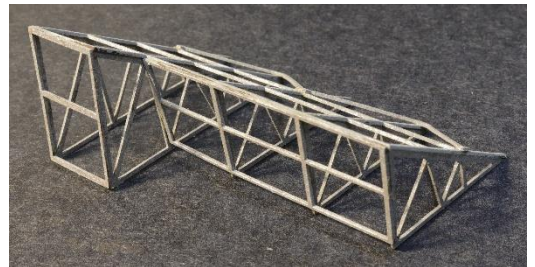


34. Part #49 is glued on top of the three short legs and #50 is on the two long legs.



35. Part #51, cross bracing, is added to the lower front legs of #46.

36. We painted and weathered the support structure before adding the gears #55 and the large resin "nut & bolt".



37. Cut a piece of 1/16" x 1/16" stripwood (GREEN tip) long enough to span across the bottom of the billboard legs, approximately 2.75". Glue this to the second row of shingles from the bottom. To the right of the roof dormer.

38. The next details to build are the three platforms that are outside of the loading doors for each floor.

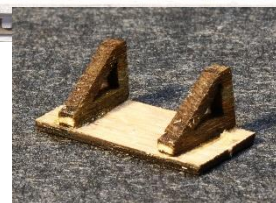
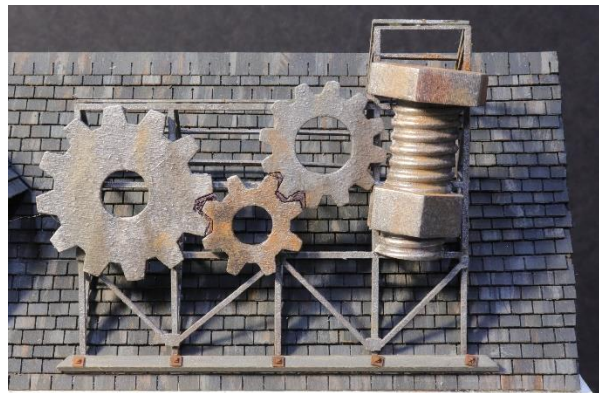
They need parts #52, 53. There are enough sets to make four platforms. You only need 3 for this kit.

39. Install them under each door.

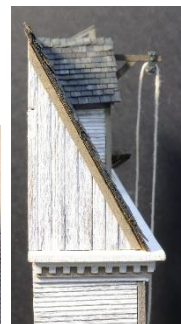
40. Now you need a way of getting the products up to the platforms. That's where a hoist comes in handy! To build the hoist you need part #54 and the resin detail pulley with block. The kit comes with a length of twine to use a rope. Feed the twine through the opening of the pulley. Adjust the twine so that it is equal lengths on each side. Now the pulley can slide onto the long arm of #54. Another resin detail part is a couple different size hooks that you can add to the twine. Glue this support arm assembly above the dormer door. You can position the hook and end of rope on any level of platforms you like.

41. There are a few cleats (resin detail parts) that can be added to the outside of each loading door.

42. Another finishing touch is adding trim under the roof overhangs. Use 1/32" x 1/16" stripwood (BLUE tip). Cut to length and match the angles of the roof pitches.



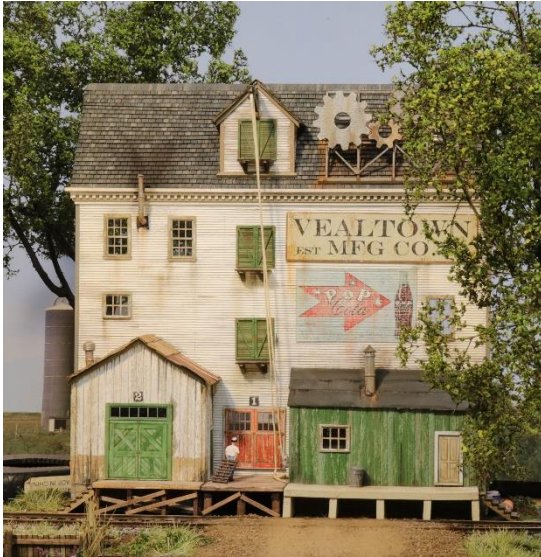
43. A couple of the last things to build are the two sets of stairs that are used on the ends of the loading docks. They are built with parts #19, 20. You can use masking tap to stand #19 stringers on end, so that you can glue the threads to them. Another choice is to use one of our "Jig/Fixture" available on our website.



Jig/Fixture available on
MineMountModels.com
 Great for assembling stairs, rafters, joists.

44. The resin detail parts should be rinsed off with warm soapy water and dried before painting. The roof vents can be installed by carefully drilling a hole that is slightly smaller than the diameter of the bottom of the vent. Glue into the opening. Paint around the base with a grimy black color to simulate tar sealant. The curved vent is for one of the side walls. Just glue it directly to the clapboard wall. The trashcans can be placed around the building.

The model will be complete at this point. Add as many details as you would like. Create a wonderful scene on your model railroad or diorama. We want to thank you for enjoying the building of **Vealtown Mfg.** Please share your finished build by sending good quality pictures to info@MineMountModels.com and we will post them in the "Customer Build Gallery" section of our website. Also, checkout our other products by visiting www.MineMountModels.com .



**Thank you,
Ron & Michelle**

