

# Korber Models Pecos River Kit

## Summer Street Freight Transfer Terminal

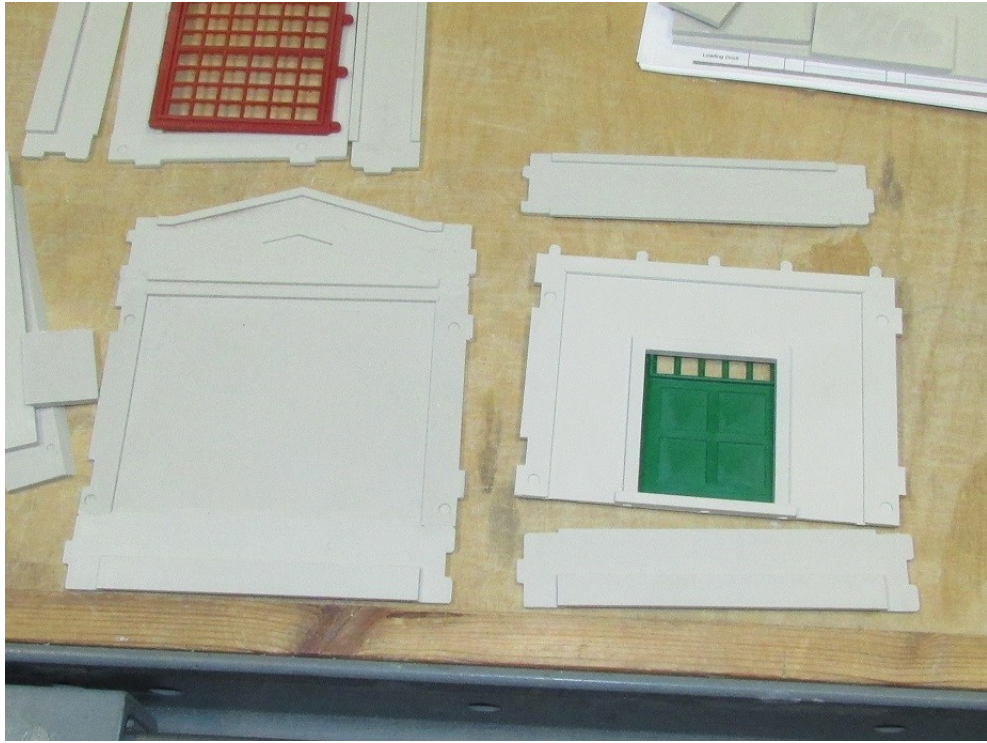
I had an opportunity to build an older Pecos River Models kit called the Summer Street Freight Transfer Terminal. The Pecos River brand was subsequently bought out by Korber Models and is now part of their line up.

The first picture shows what the building is to look like. It will be a 2 x 5 bay with a dock on one side for train cars and loading doors on the other side for trucks.



This kit was purchased by my customer second hand so it was missing pieces. Rich from Korber Models was kind enough to supply me with all missing parts. As with any kit there are various ways in which a builder will deviate from the build instructions. Shown below is the procedure I used for this kit (bearing in mind this is my first time with this manufacturer).

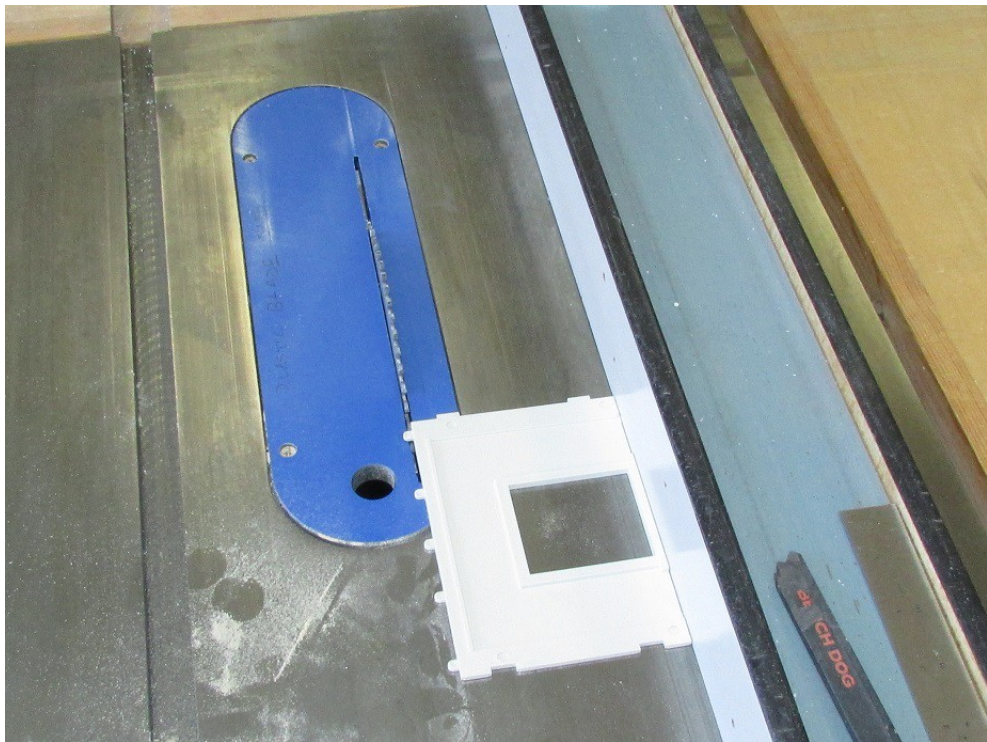
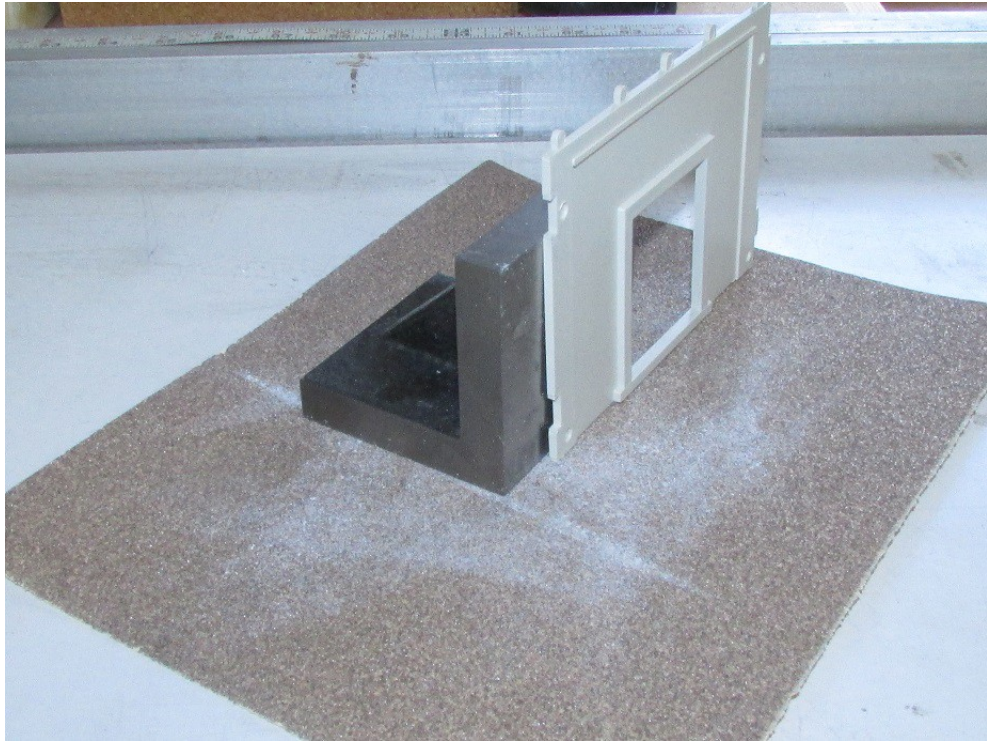
All wall sections (single story) consist of a wall panel (door / window / blank etc) with a roof panel on top and a foundation panel on the bottom. Shown below is a completed wall panel next to the individual pieces. I used Plastruct Plastic Weld for all joints in this project.



Note that brick inserts are also available if one wants to install them. In order to glue the sub sections together they must first be prepared by squaring up the edges. Some sections have molding sprues that must be removed. Other sections needed their edges squared.

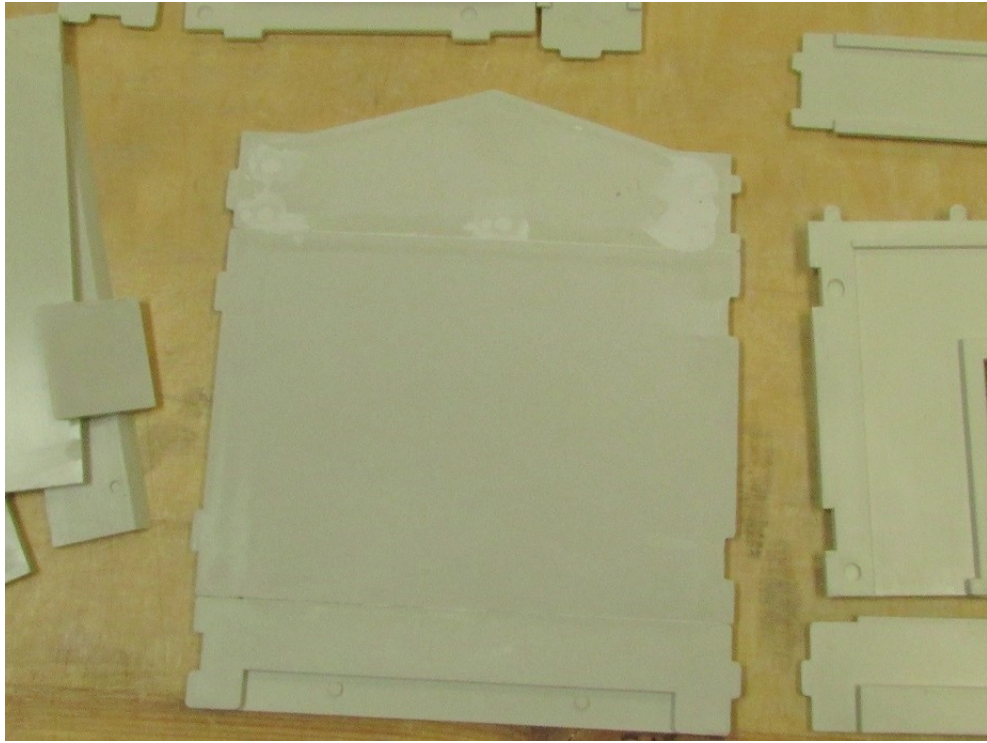
My usual technique is to sand the edge that has no mold sprues and then use a table saw to true up the opposite side (see two pictures below). Sprue cutters and sand paper can be used in place of the table saw. Using the table saw enables me to maintain consistent heights from panel to panel.



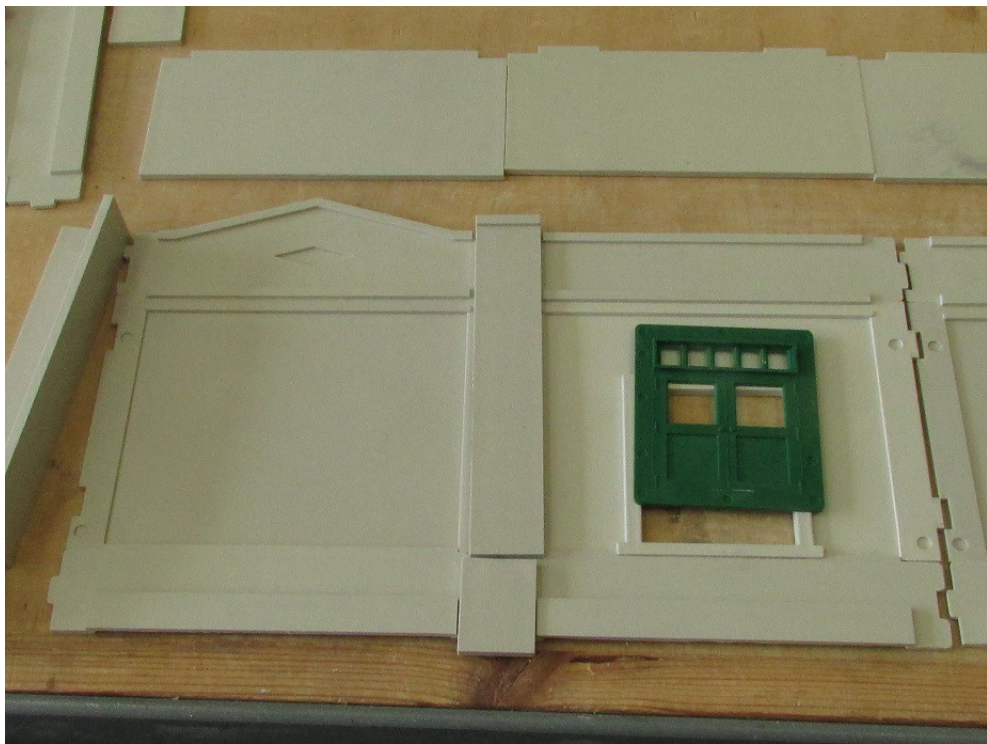


I was not sure where the roof panel will ultimately fit with respect to the roof sections so I filled in the injection pin holes with Squadron white putty then sanded the panels.





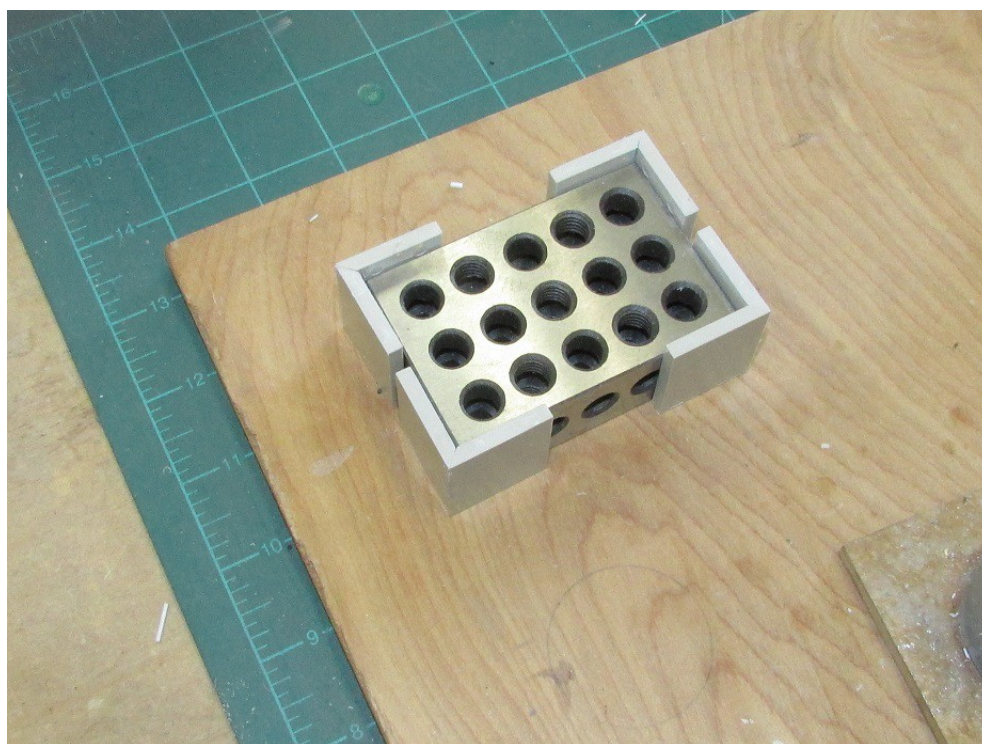
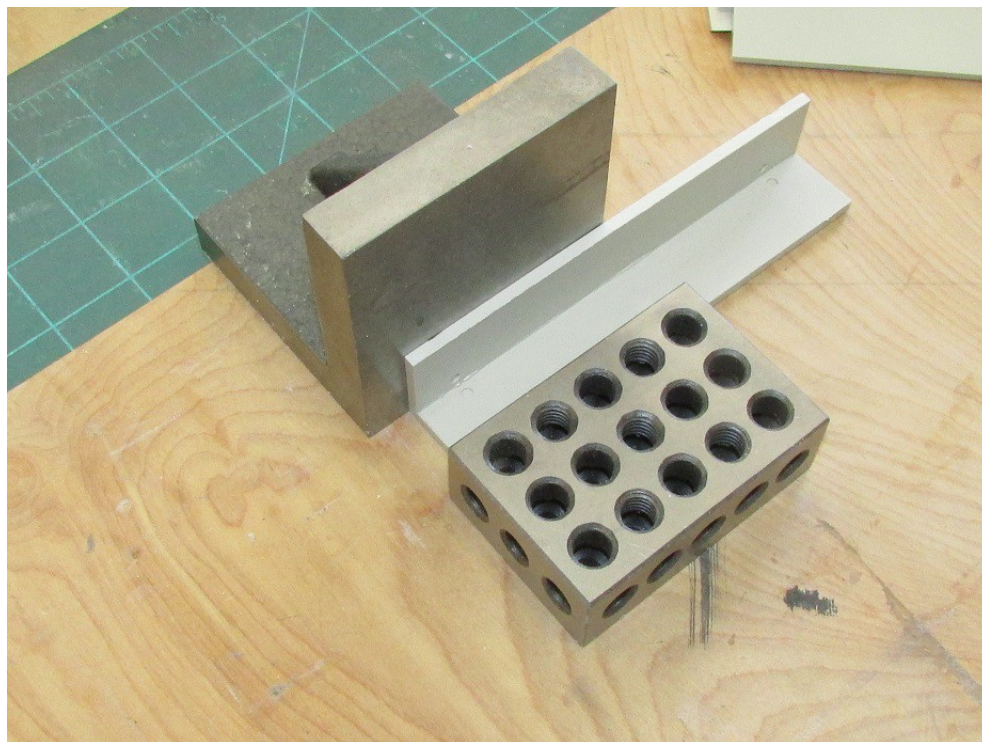
The walls were glued together then pilasters used to hide the seams. There is a short pilaster for the foundation panel and a longer one for the middle and roof sub sections. The straight pilasters needed only minor filing. Below is a picture of two wall panels and the straight pilaster columns.



The corner pilasters had to be glued together. I kept them square by using 123 blocks and a

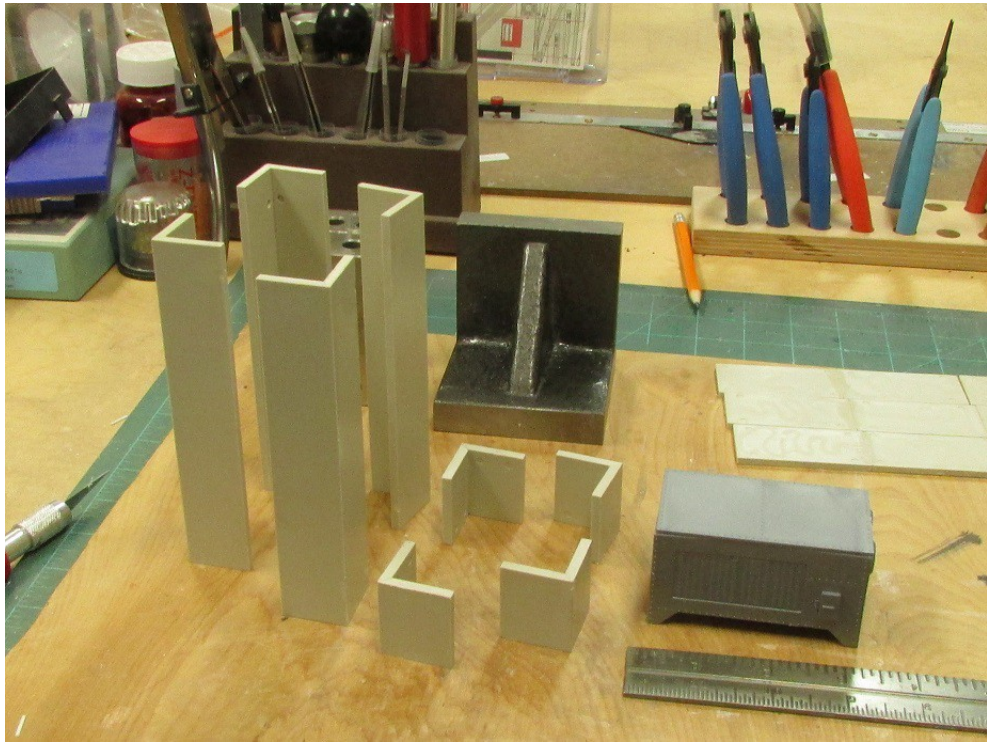


heavy right angle block.





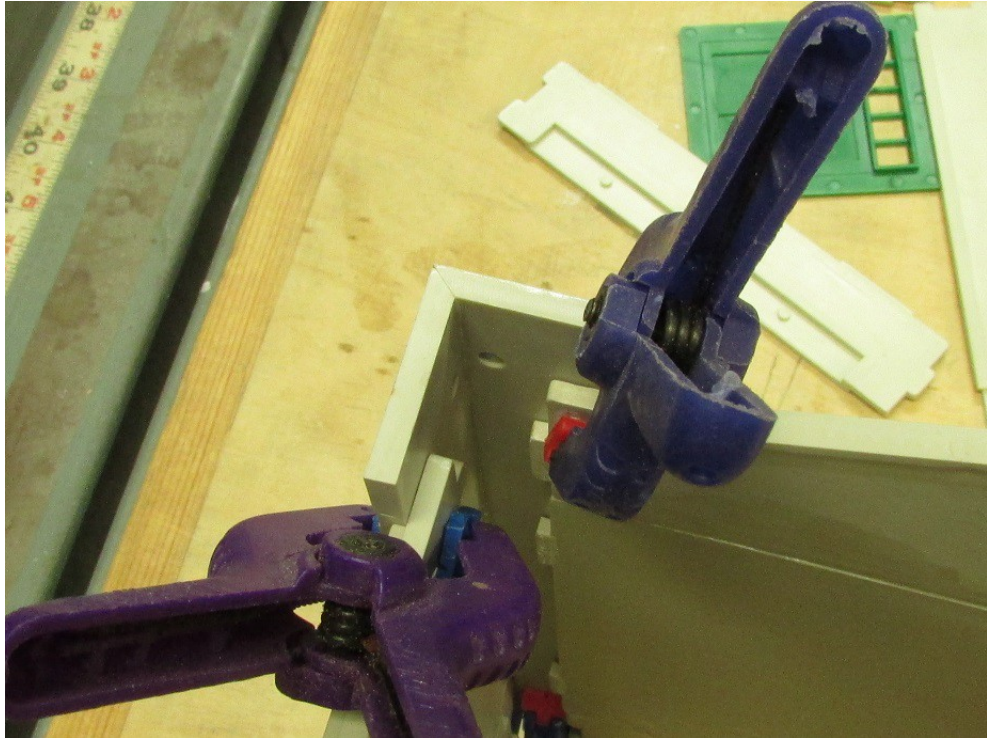
The completed corner pilasters are shown below.



I ran into one problem dry fitting the corner pilasters to two wall panels. As you can see from the pictures below if the pilasters are aligned correctly with the wall panels on the outside they will not align on the inside. There is about  $\frac{1}{2}$  inch separation between the walls on the inside. Korber models confirms this correct.





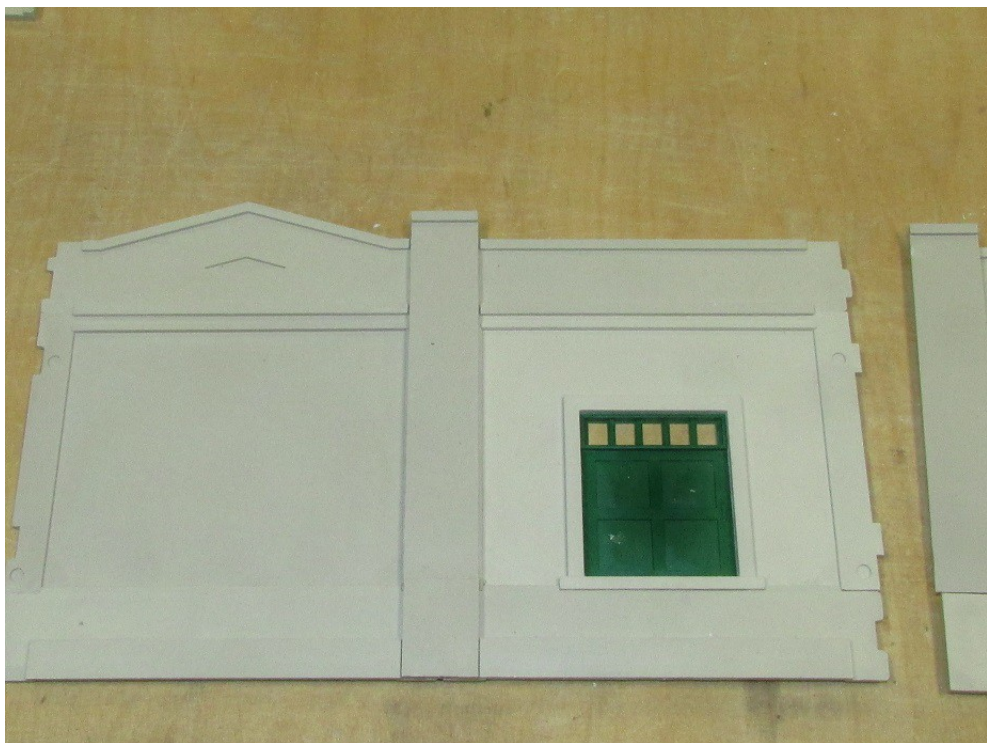
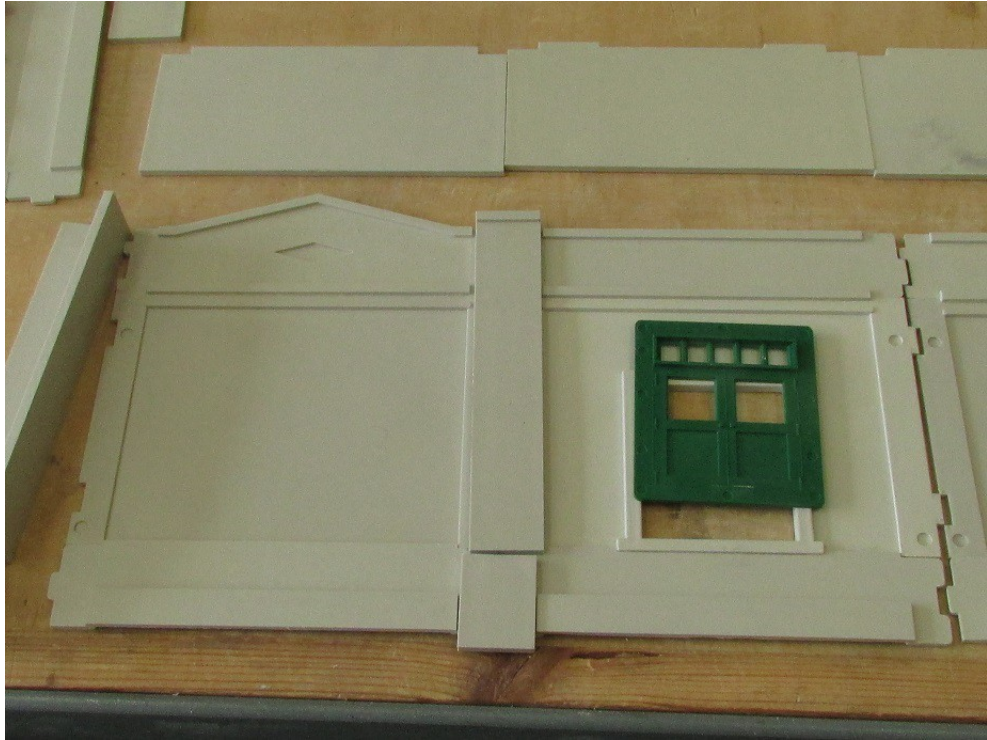


Another issue with the inside of the wall panel assemblies I did not like was the bottom of the foundation section where the mold release pins were protruding from the wall. Rather than cut and sand them I opted for completely covering the indented area with a piece of 40 mil styrene.



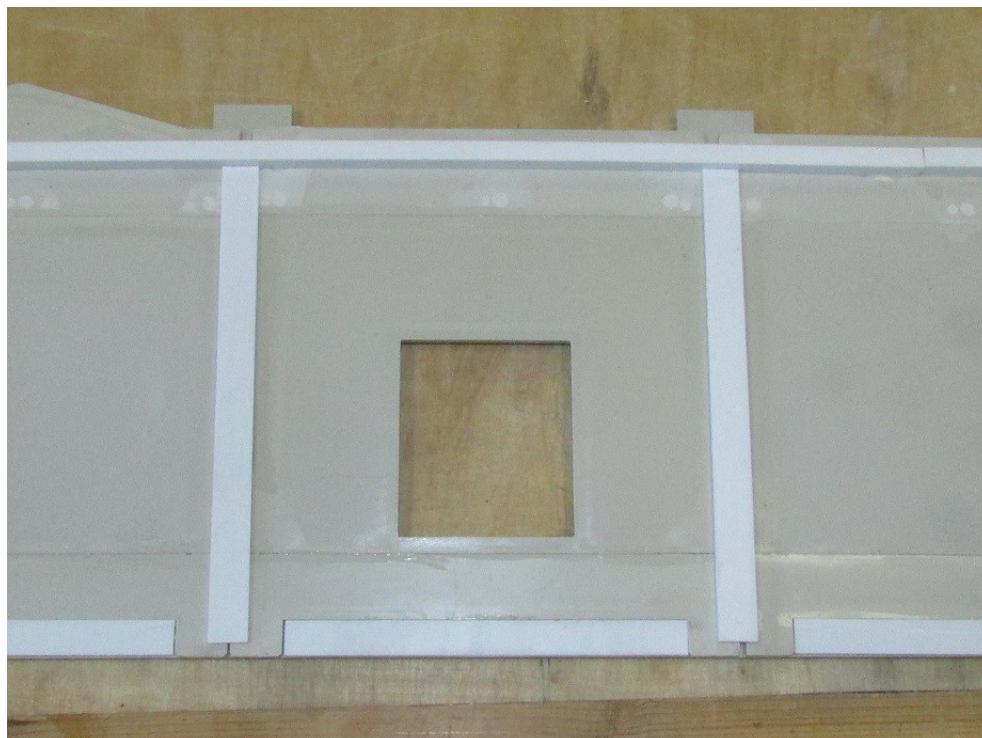
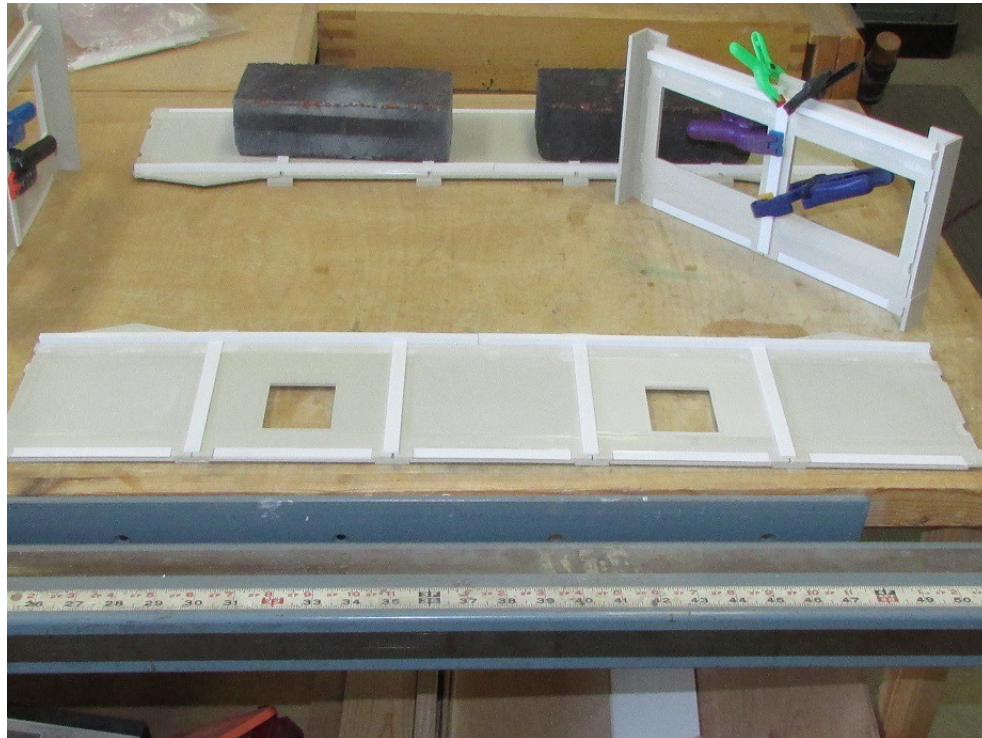


With the individual wall assemblies glued together I decided to glue two-wall sub-assemblies then wash in warm water and dish detergent since the two-wall sub-assemblies would easier to handle than longer walls. To glue to wall assemblies together two pilasters are needed – a foundation pilaster and a wall pilaster. Both were sanded where appropriate then foundation pilaster was glued in first followed by the wall pilaster. Where needed I also trimmed the wall tabs so the walls would fit together with a smallest gap possible.



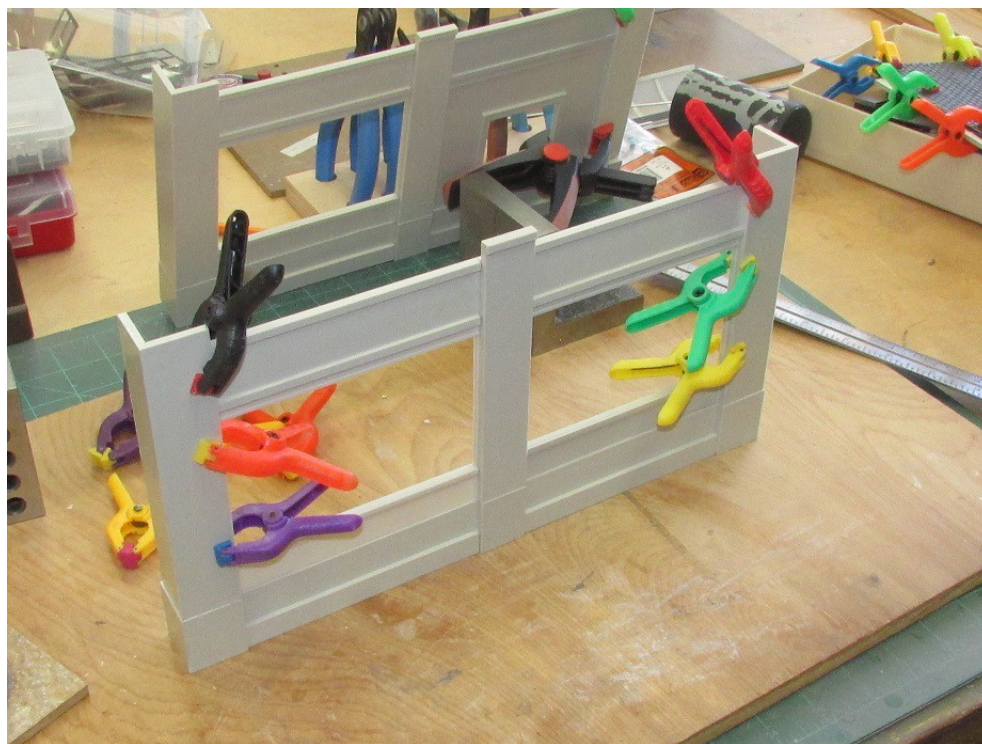


After washing the wall sub-assemblies it was time to glue the building together. I started by gluing the sidewall sections. 80 mil styrene strips were used to reinforce and hide seams on the interior of the walls. 190 mil square stock was glued in for the roof supports. I purposely left space at the bottom to allow insertion of a base which will keep the building square.





Corner pilasters were then glued to the end walls. Note the space between the wall and the pilaster on the inside.







Once the four wall assemblies were glued together it was time to assemble the building. All four walls were glued then a hardboard base was cut and glued with CA super glue. The base is what will keep the building square.







Interior bracing came next. Since I would be installing lights I used Plastruct H-12 columns along the walls and H-6 as ceiling cross beams. Even though it would very difficult to see the interior corners I paneled them anyway with 80 mil flat stock.







The roof was cut from 1/8 inch hardboard and the top pilaster trim added.



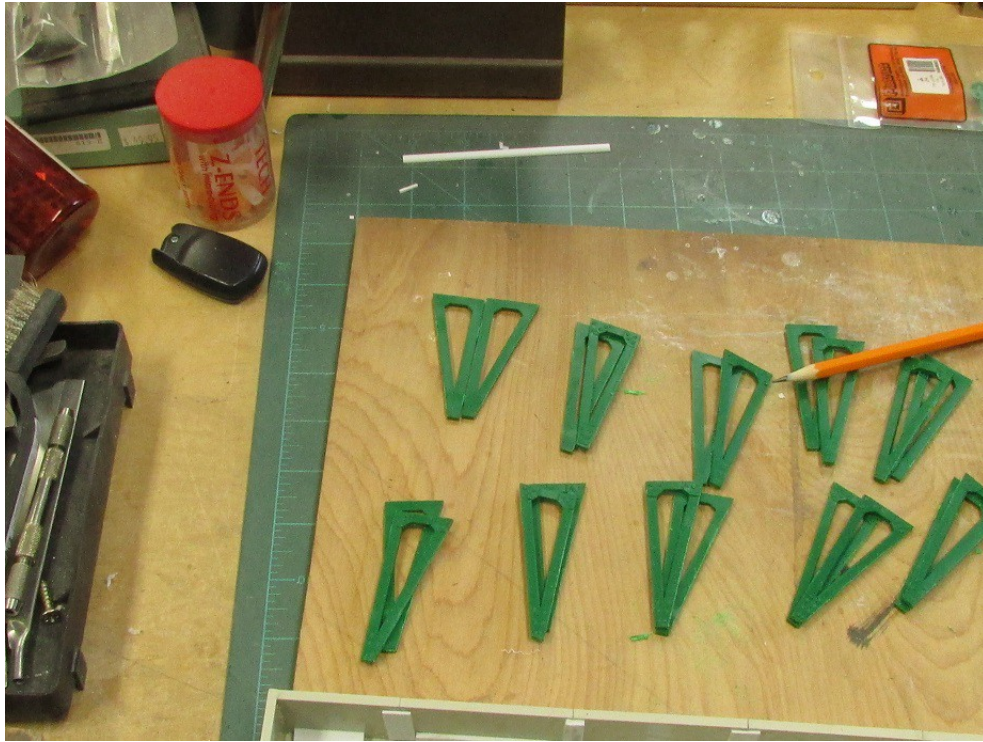


The loading dock came next. The dock walls and deck are shipped as separate pieces that have to be glued with butt joints. I used scrap styrene to reinforce the joints. I first glued the pieces into pairs, then glued the pairs together. I used an Exacto blade to trim the recesses on the deck sections to allow the dock to fit against the building pilasters.

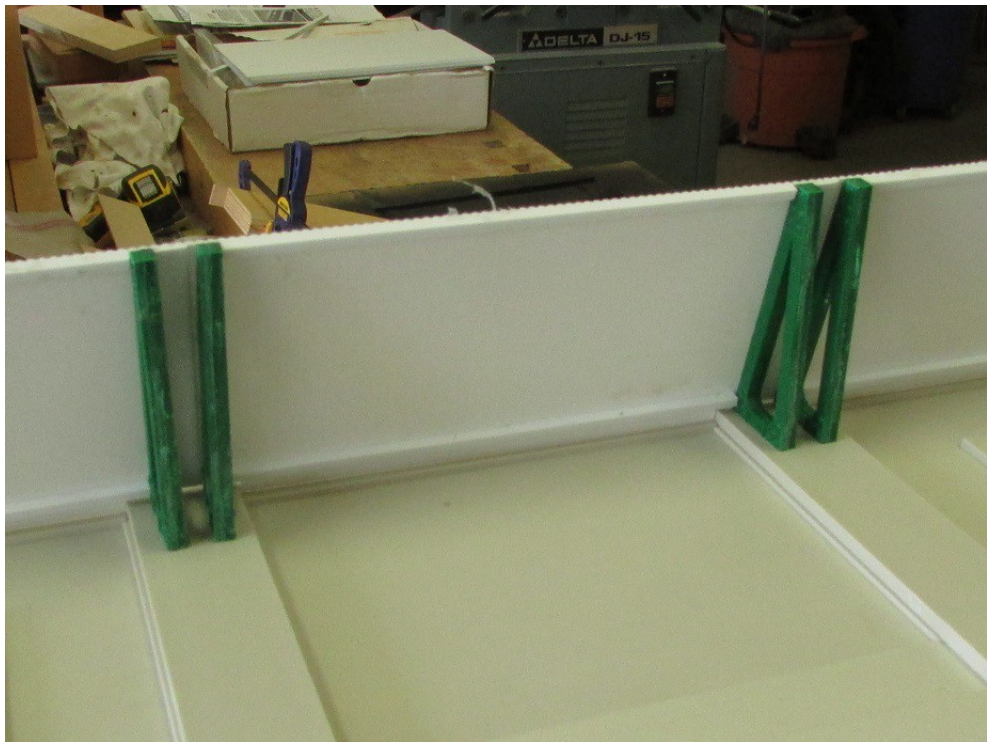
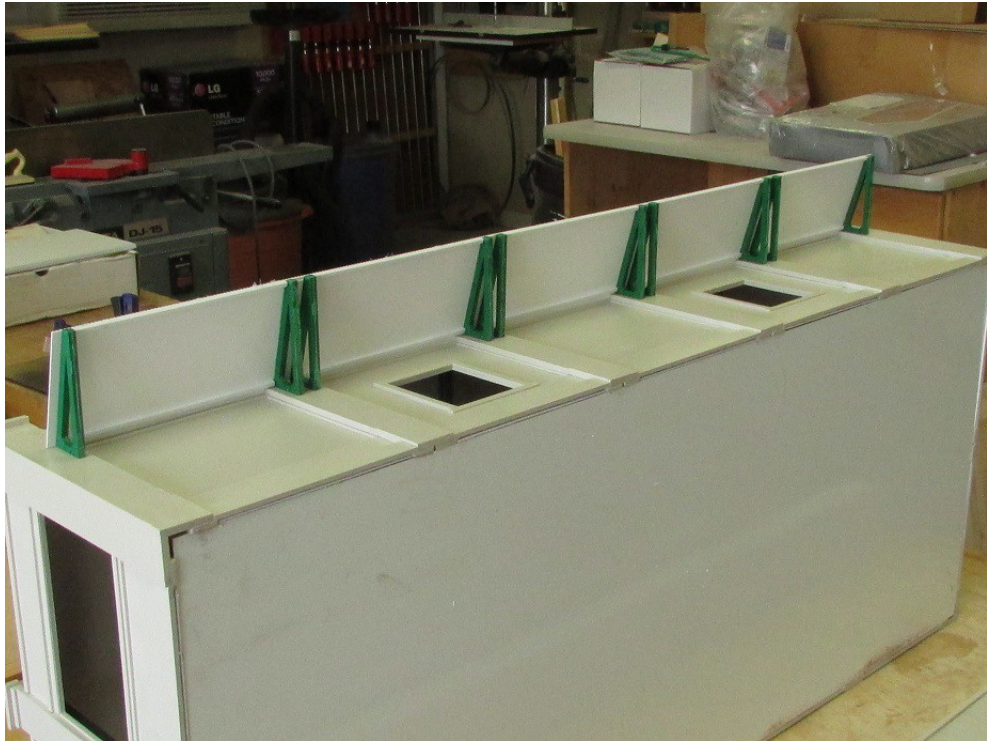




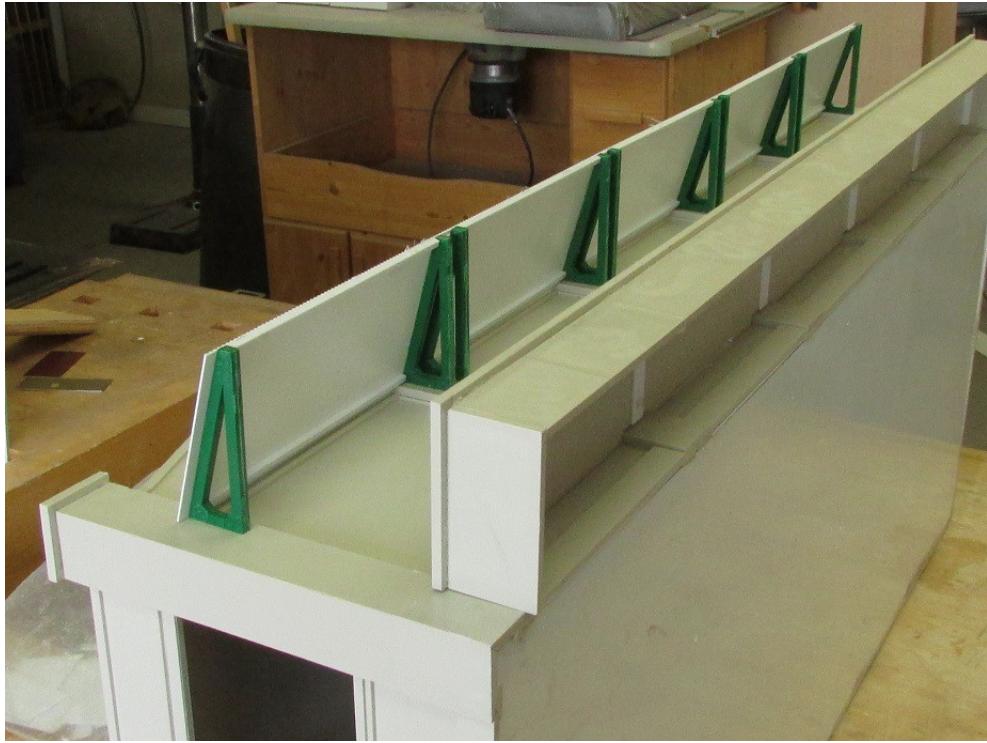
The dock roof was shipped in three sections that had to be glued together. In addition the roof brackets are molded in 'halves' that needed to be glued together. This was done first.



The roof panels were glued together in the same manner as the dock. Strips of styrene were used to reinforce the joints. I also glued some horizontal styrene strips to add rigidity and avoid warping later on. Since there were no instructions in this kit for assembly of the dock or roof I had to decide where to place the roof brackets. I chose to glue them to roof so they would seat on the wall pilasters. Note the dock roof is not glued to the building at this stage.







Eight roof vents were supplied with the kit. I cut some styrene rectangles to use as roof plates for the vents and glued the vents to them.

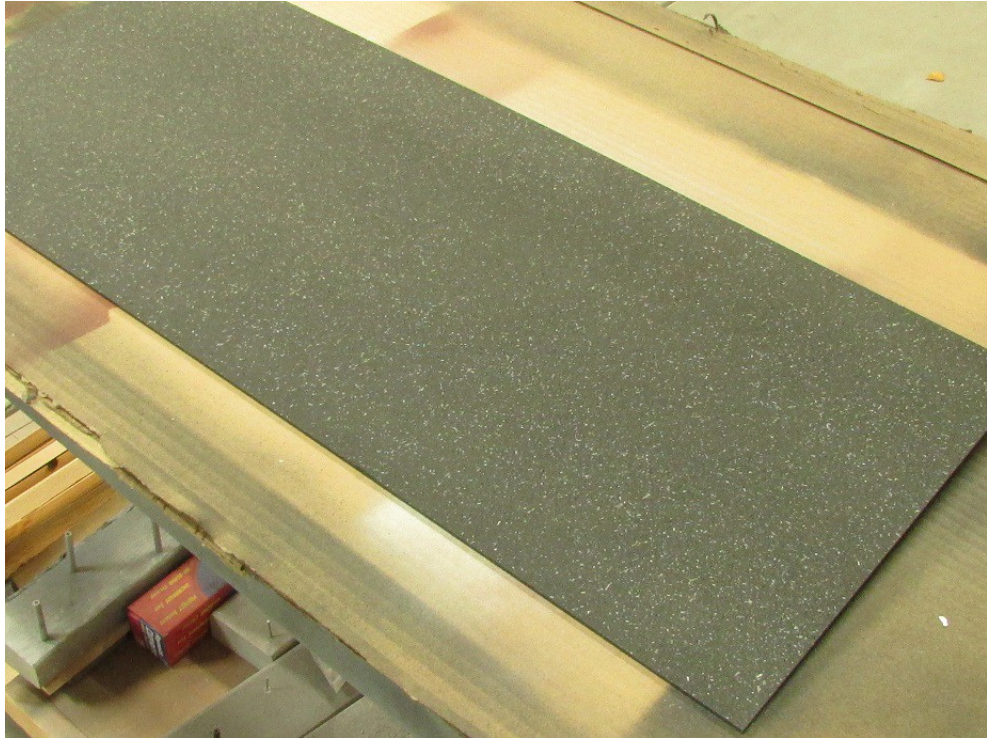


The last item to take of was the stairs. I used OGR #39 stairs for this. I had to add extra 'steps' (styrene) to get the stairs to look right with the building.

Once the stairs were completed the building was ready for paint.

#### Roof -

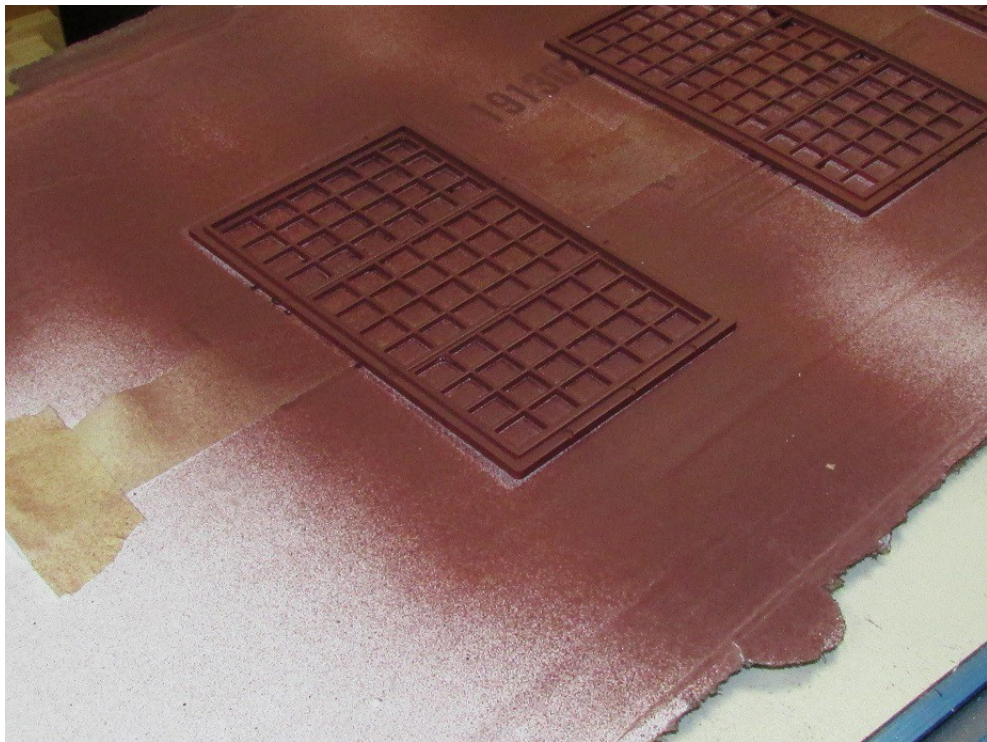
Separate styrene sheets came with the kit to make the roof however I opted for hardboard to reduce anticipated sagging. The roof (1/8 Masonite -hardboard) was painted in three colors. The base coat was flat black. I then followed up with Krylon's Make it Stone Obsidian which laid down the white flakes. Because the flakes looked too white to me I followed up with a light spray of Rustoleum Aged Iron textured paint.



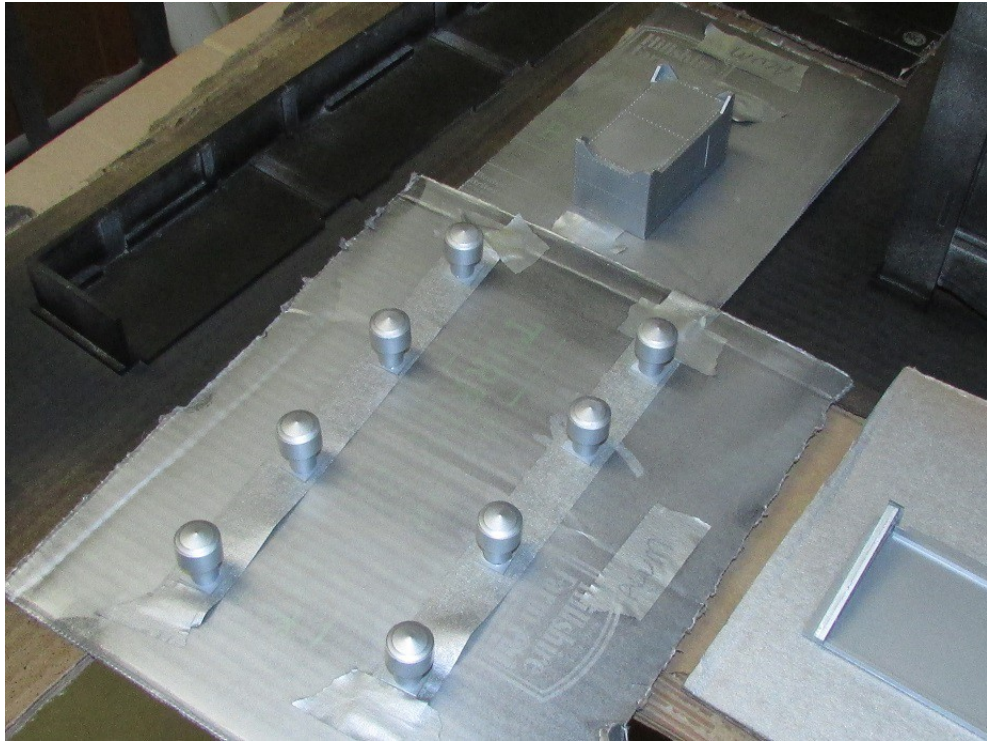
#### Windows and doors -

The windows and doors were painted with Testor's Box Car Red (no longer available).





Dock roof -  
The dock roof along with the roof details were painted dull aluminum.



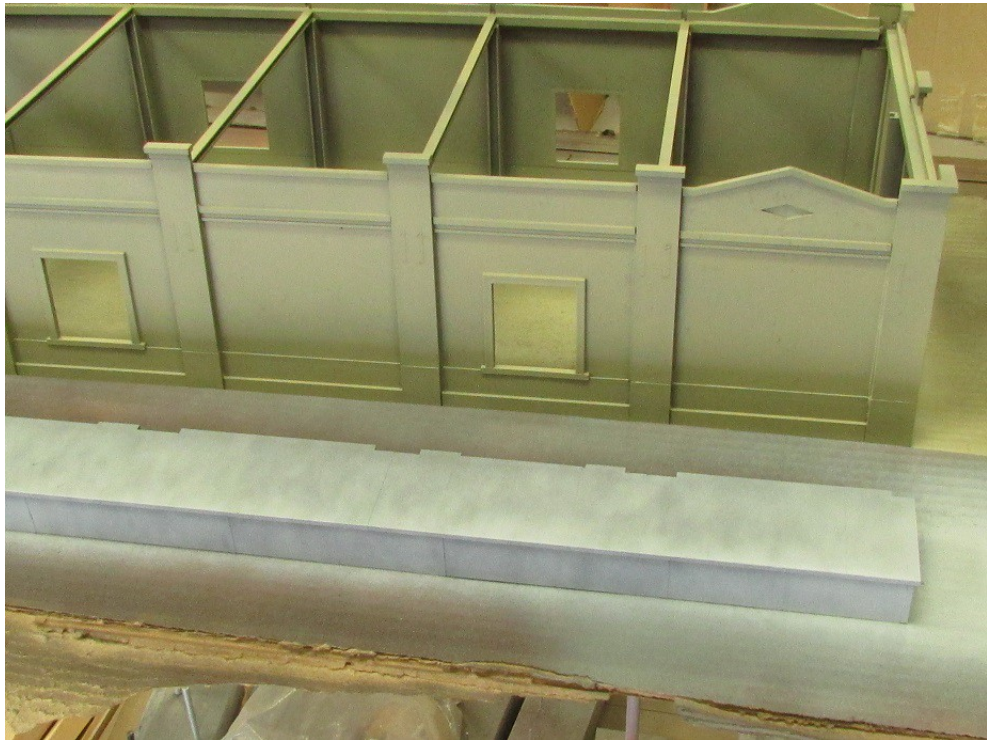
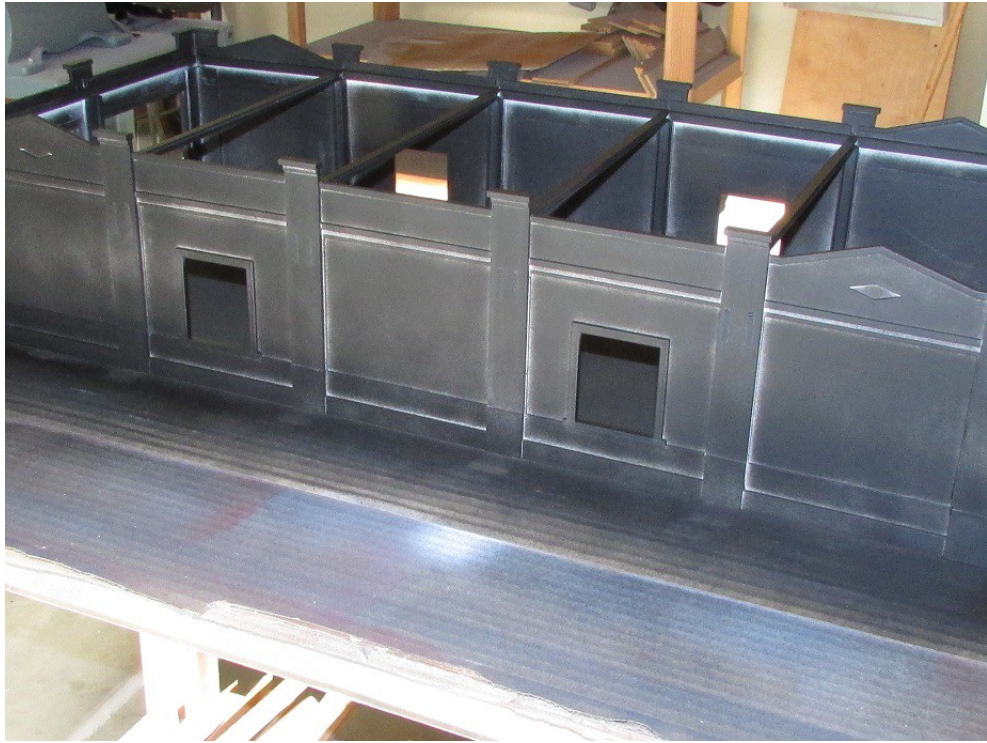
#### Building walls and dock -

The base coats for the building and dock were the same. I was looking for a concrete type appearance. I started with flat black (about 80% coverage). Next came red oxide again about 80% coverage. I followed up dark gray at about 95% coverage. At this point I deviated since from past experience I knew the building would not look right with a 'classic' concrete look. I used satin khaki for the building and the my standard light gray for the dock. The photos below show the progression.



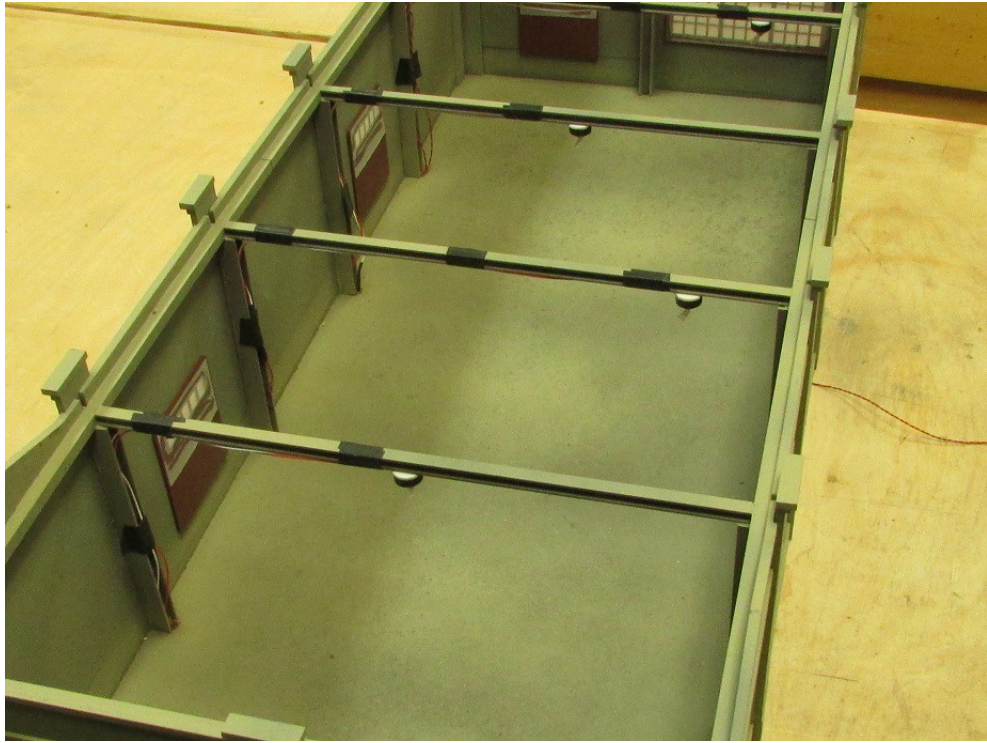






After the paint dried interior / exterior door lights were installed. Model Power incandescent lights were attached to the horizontal and vertical H-columns with electrical tape. The wires were threaded through holes drilled in the floor.





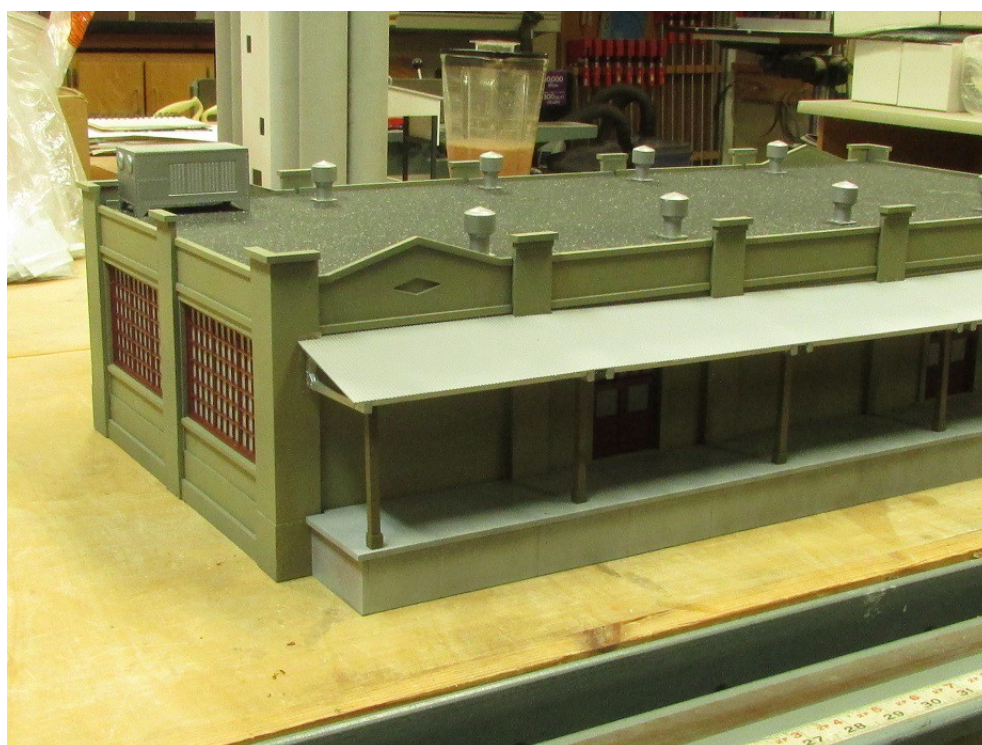
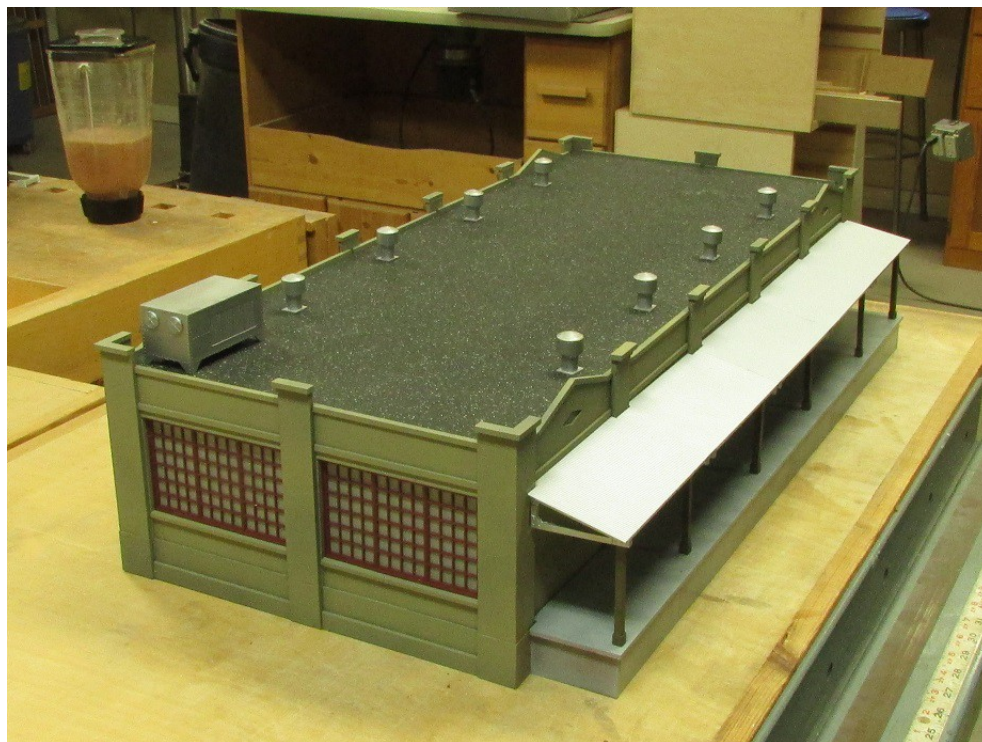
Vellum was glued to the windows to give a frosted window pane look and to make it more difficult to see inside an otherwise empty building.



Below are pictures of the completed assembly. To facilitate shipping the dock roof is not glued in place so may look a little uneven. The roof posts are styrene square rods. I felt they were



necessary to add support to the roof. These too are not glued in place







My take away on this project:

- Once I understood the construction technique the building became fairly easy to assemble.
- Buying extra or different wall panels can makes different variations of this design almost limitless.
- Brick inserts are available which can make the building look totally different.