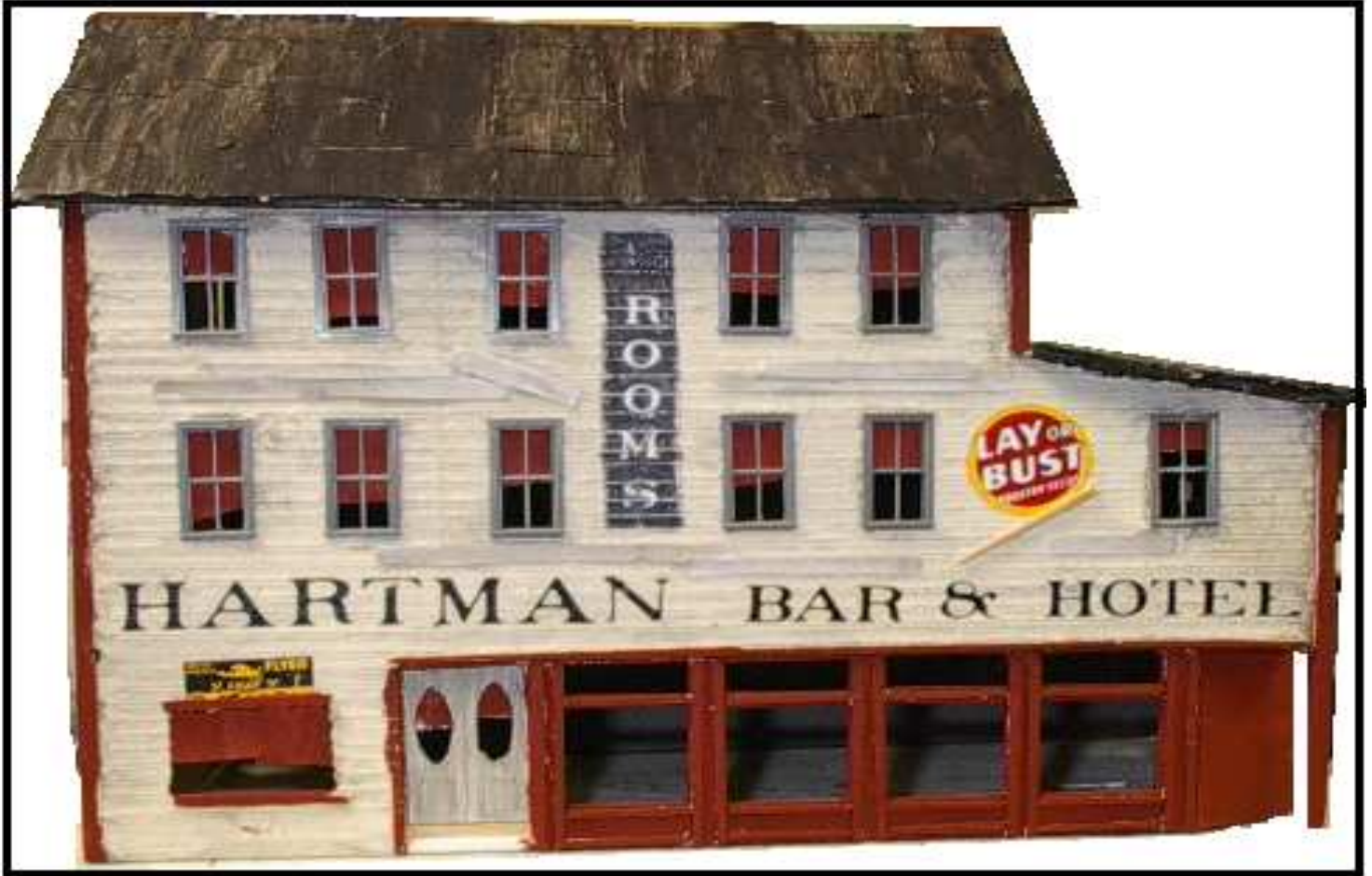


Building Hartman's Bar & Hotel



Hartman Bar & Hotel

by Tony Segro

I wanted to create a building for a spot near the edge of the Columbia Historic Preservation Society's HO model railroad layout. The building would sit in what was to be a "seedy" part of a town on the edge of a much larger city. Since the building would be near the edge where people can see it, I planned to create a detailed interior.

I chose the name "Hartman Bar & Hotel" because of an actual bar in Columbia known as Hartman's. Hartman is also the last name of my sister, but I am not related to the Hartmans who owned the bar. The building I modeled in no way resembles the brick building in Columbia (mine is a "wooden" structure).

The only wood I used in this building model is stripwood used to support walls. The items I used to build the building are:

Mat Boards (used for matting photographs in a frame)
Thin gray cardboard similar to that found in shirt boxes
3 x 5 index cards
1/2" wide masking tape
3/32" x 3/32" stripwood
Tichy Train Group Window Castings #8025
Elmer's White Glue
Xacto knife with #11 blade
Metal Machinist's Square (5")
Metal Ruler/ Straightedge

Once I had the measurements of the footprint for the building (4.00" x 9.00"), I drew the building in AutoCAD on the computer. I have various Tichy window and door castings drawn in a library in AutoCAD, and can import any window or door into the drawing.

The figure below shows the AutoCAD drawing for the model:



I taped the drawings to the mat board and poked small holes into the drawing where the windows are located. I then used a sharp Xacto knife with a #11 blade and 5" machinist's square to carefully cut out the openings. I left the back wall blank as this will not be seen. Generally, I don't like to model something that won't be visible. At this point, I scribed the board lines into the mat board using the backedge of the knife blade and a metal straightedge.

Premeasured and cut pieces of 3/32" stripwood were attached to the front and back walls using small amounts of white glue.

I also detailed the interior (see below), which is lit by LEDs.

