

# SL-and-N construction blog

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01-19-2024, 10:29 PM #1081

**TRAINS1941** Senior Member

Join Date: Mar 2005 Posts: 17112

Very nice coloring. The quoins show up very nicely.

Jerry

"And in the end, it's not the years in your life that count. It's the life in your years." A. Lincoln


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01-17-2024, 11:35 AM #1082


**deemery** Senior Member

Join Date: Sep 2007 Posts: 11493

Visible progress today. I printed out the signs on the laser printer, sanded the backs, and cut them out. I colored the white paper edges with the light grey marker. Then I painted a band of "Back Scene" on the structure, positioned the sign, and then went over the sign with water. Using a soft brush, I make sure the sign was sealed along the edges. The water slightly erodes the toner, giving a nice weathered look.



Then I started on windows and doors. The office area windows/door are not weathered, giving a bit of separation from the rest of the windows.



I'll go over the sign with matte finish just to seal it.

dave

Modeling 1890s (because the voices in my head told me to)

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01-17-2024, 01:26 PM #1083

Looks nice Dave.

Jerry

"And in the end, it's not the years in your life that count. It's the life in your years." A. Lincoln

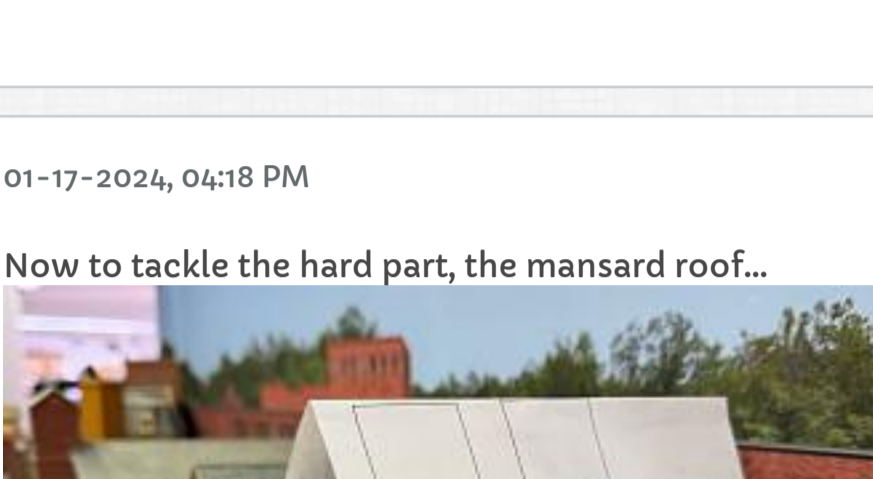
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01-17-2024, 04:18 PM #1084

**deemery** Senior Member

Join Date: Sep 2007 Posts: 11493

Now to tackle the hard part, the mansard roof...



(Is anyone else having problems seeing the larger picture, when you click on the image above?)

dave

Modeling 1890s (because the voices in my head told me to)

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01-17-2024, 08:25 PM #1085

**railman08** Senior Member

Join Date: Mar 2010 Posts: 6713

It does look good Dave. I like the signage. I'll be following with interest as you layout that roof.

Bob

It's only make-believe

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01-17-2024, 10:38 PM #1086

**friscomike** Senior Member

Join Date: Sep 2007 Posts: 3969

Good luck with the roof, Dave. The mansard design will add even more interest to the structure. -mike

Buffalo Canyon Mining Company structures and Layout are my primary projects. The current build is Nowlin's Gas and Service Station.

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01-17-2024, 11:30 PM #1087

**Michael\_Hohn** Senior Member

Join Date: Sep 2012 Posts: 12238

Dave,  
Looks good.  
Are you going to curve the roof?  
Mike

I was so much older then, I'm younger than that now *Bob Dylan*

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01-18-2024, 07:33 AM #1088

**PRR Modeler** Senior Member

Join Date: May 2022 Posts: 2114

The building looks very good. I'm definitely interested in how you do the roof.

Curt Webb

Freelanced PRR Bellevue Sub

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01-18-2024, 08:19 AM #1089

**George\_D** Moderator

Join Date: Dec 2003 Posts: 19018

Nice sign, Dave. I've never heard of Back Scene. What else is it used for?

George

Before each flight, make sure that your bladder is empty and your fuel tanks are full.

1 comment

**deemery** commented 01-18-2024, 08:57 AM #1089.1

It's designed for mounting backdrops to the wall (and that's mostly what I've used it for.)

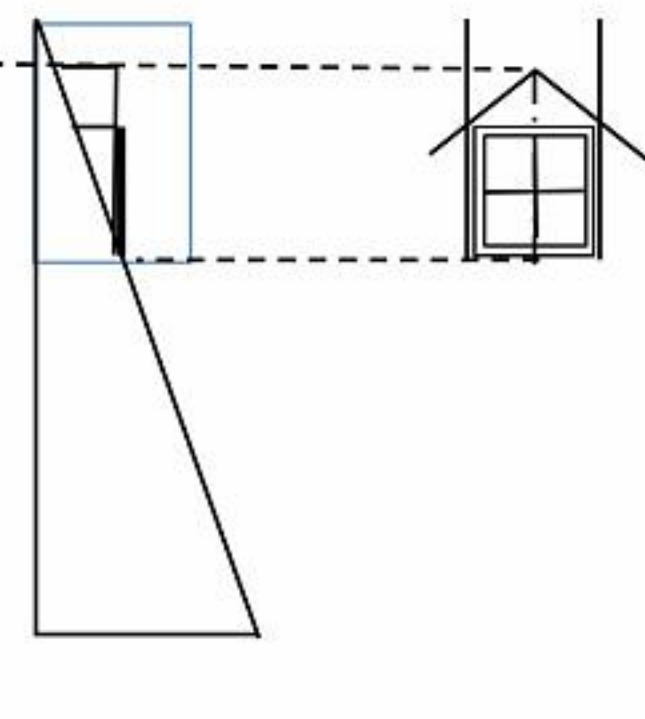
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01-18-2024, 09:13 AM #1090

**deemery** Senior Member

Join Date: Sep 2007 Posts: 11493


A little bit of research shows a common slope for the steep part of a mansard was 33/12. So I drew a triangle with that proportions, and it looks good to me. I found a 3/4 x 1/2 block of wood to cut as the mansard subroof. In my drawing program, I drew the 3/4 x 1/2 box, laid the 33/12 triangle on top of that, and then drew a thick line representing the window I'm planning to use (Tichy 8023, 6 pane attic window). This is 4 1/4 tall x .46 wide (exterior dimensions). I then drew lines to represent the roof on top of the dormer, assuming the dormer is .080 (.040 per side) wider than the window, and worked out a reasonable looking peak. Here's the net result:



Next step is to pull out the modeler tablesaw and rip-cut the 3/4 x 1/2 wood. I need about 16 running inches of that stuff. The remaining parts are "just" triangles and trapezoids, that I'll cut from styrene.

At least that's the plan right now.

add I cut the subroof on my Proxon modeler saw. It was Not Happy, probably because I used the carbide blade. I should have used a thinner blade. Anyway, that's done!



dave

p.s. vertical angle is about 20 degrees (arctan (12/33))

Last edited by deemery; 01-18-2024, 04:07 PM.

Modeling 1890s (because the voices in my head told me to)

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01-18-2024, 02:42 PM #1091

**Michael\_Hohn** Senior Member

Join Date: Sep 2012 Posts: 12238

Dave,  
You answered my question about the roof profile. Now my next question. Why is the window so high, or am I misinterpreting your drawing?  
Mike

I was so much older then, I'm younger than that now *Bob Dylan*

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1 comment

**deemery** commented 01-18-2024, 04:37 PM #1091.1

My drawing is confusing. Pay attention to the blue box, not the larger triangle. That box is the piece of wood I just cut, and represents the entirety of the mansard. The larger triangle I drew first, to set the 33/12 angle. In my drawing the bottom of the window casting sits at the bottom of the actual mansard roof.


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01-19-2024, 12:12 PM #1092

**deemery** Senior Member

Join Date: Sep 2007 Posts: 11493

Playing with the mansard overhang.



This looks pretty good, but I should probably mock up a dormer to be sure.

dave

Modeling 1890s (because the voices in my head told me to)

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01-19-2024, 01:01 PM #1093

**Michael\_Hohn** Senior Member

Join Date: Sep 2012 Posts: 12238

Dave,  
I see now.  
Your building looks very real. Any chance you'd consider a more vertical window to look more Victorian?  
Mike

I was so much older then, I'm younger than that now *Bob Dylan*


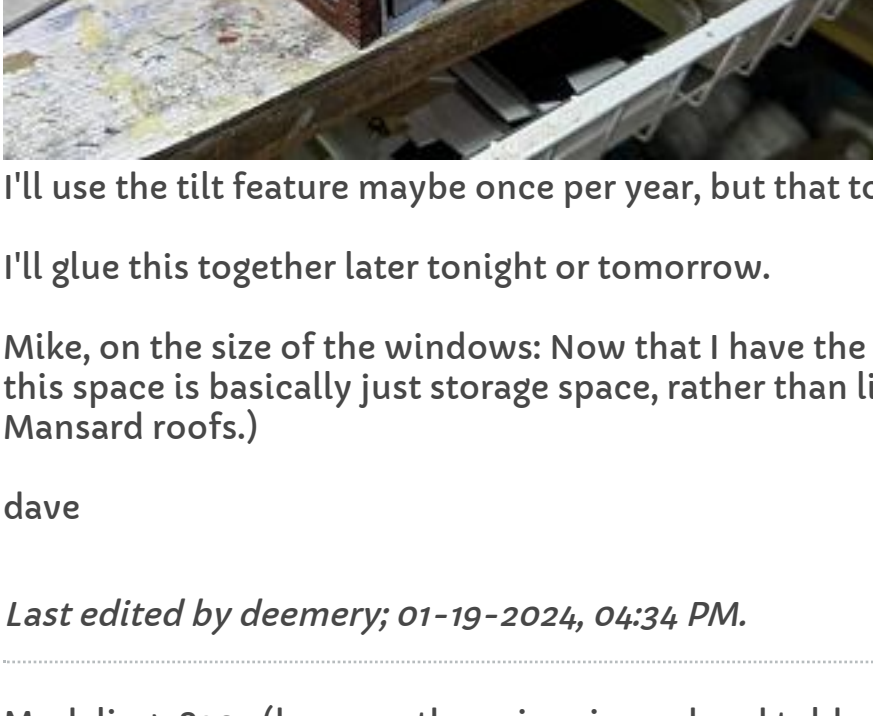
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01-19-2024, 03:51 PM #1094

**deemery** Senior Member

Join Date: Sep 2007 Posts: 11493

Some quality time with the tilt arbor table saw:

I'll use the tilt feature maybe once per year, but that tool does stuff that would be really difficult with any other tool.

I'll glue this together later tonight or tomorrow.

Mike, on the size of the windows: Now that I have the subroof, I'll check the windows. But my thinking here is (unlike a commercial building or residence) this space is basically just storage space, rather than living space. I've seen what looks to be non-functional attic space on mill buildings with dormers (hip or Mansard roofs.)

dave

Last edited by deemery; 01-19-2024, 04:34 PM.

Modeling 1890s (because the voices in my head told me to)

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01-19-2024, 04:42 PM #1095

**Dick** Administrator

Join Date: Apr 2002 Posts: 29972

I know it's not, but you're making designing and building this roof look easy.

Follow along as my dog and I travel the country in our van.  
Facebook link: <https://www.facebook.com/A-Dog-A-Van-and-A-View-108345371976219> YouTube: <https://www.youtube.com/@Rick5727>

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1 comment

**deemery** commented 01-19-2024, 05:30 PM #1095.1

Well, I tell you it's a lot easier to do this on a rectangular building! The Cigar Factory I did for the (late) Craig Bisgeier had both a tower and a wall segment that was not at right angle to the others. See <https://modelersforum.com/index.php?topic=1945.0>

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