

SL-and-N construction blog

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04-15-2018, 06:06 AM #16

The building inspector mandated 30" working space around the panel, that's why that damned closet is there. --(dave

deemery Senior Member

Join Date: Sep 2007 Posts: 11493

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

04-15-2018, 11:57 AM #17

Dave good to see you taking everything into consideration!
Breaker box I mean if it was done right how often would need to open the door??
It would be of a pain in the arse crawling under to open the door for the electrician!

Jerry

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

04-15-2018, 12:32 PM #18

I'd be paying the electrician to work in the panel, so he'll earn his money :-)-)

Here's a photo Russ Greene posted of his latest project. A drawing of same is in my previous photos.



I'll build some sort of mill building to the left of the bridge to disguise the wall/electrical closet corner.

dave

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

04-15-2018, 01:25 PM #19

Dave,

It is were me, I would first move that turnout and spur to the other side of the panel closet. I would construct a 2 to 3 foot section that can be bolted to the permanent benchwork on either side and could be removed if necessary. You could scenic over the breaks in such a way that you could break things apart easily. The important thing is that the framework, roadbed and track are not continuous between sections.

My philosophy is that when I am paying for work I want them to work as efficiently as possible.

Mike


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

04-15-2018, 02:17 PM #20

I too have a suggestion about the corner with the electrical box.

Using a section of your drawing I submit this idea: I crudely drew some lines on your drawing to indicate where I think you should make the section breaks to make the corner removable. No need to move anything, just give that section the ability to be removed in case any work ever needs to be done. It's not that hard and it alleviates the issue.

See what you think...



Norton

The V 8 T lives in my garage (soon)

04-15-2018, 03:30 PM #21

Hmmm. Maybe I should put the bridge on the door side of the closet. I was planning to put plywood underneath that whole structure (as the river sub-bed), which is pretty much what both Mike and Norton are suggesting.

There'll be a little bit of rework to do that.

dave

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

04-16-2018, 05:42 AM #22

Dave,

Looks very interesting. Just wanted to chime in to say it looks like you're striking a good balance of careful planning and anticipating key design and construction issues, while still making progress with design and prepping the room.

Too bad about the stud finder. I have a mid-level one, I think it's from either Zircon or Bosch. Not the cheapest model but it works and it doesn't hurt your back 90-95% of the time and I couldn't imagine doing interior carpentry or electrical work or just mounting stuff on walls without it.

Aaron V.

04-16-2018, 07:55 AM #23

If I make the section in front of the electrical closet door removable, the first question is "where does it go?" Everything else depends on that decision.

My thought is "I'll slide out to the right." That means trimming back the board that is currently sticking out on the right side. On the left side, you can see the screws holding the 1x4 into the walls. These mark the stud locations. The first screw to the left of the switch is about 16" from the door. So that makes the removable section 15" in that direction, and about 48" in the other direction with the edge lining up about 4" to the right of the wall. The shape is roughly triangular (48" x 15"), with the hypotenuse as the curve of the layout (as shown by the tape on the floor).

The second thought is "how do I hold it up?" The current 1x4 across the door will be the back edge of the removable section. I can do a 2x4x6" piece just underneath where the current 1x4 is on the right side of the door. I can do another 2x4x15" on the left side, underneath the switch outlet. I'll screw the framing of the removable section into 1x4 that will be in the benchwork grid. But I think I'll need to do some sort of brace (post or diagonal) where the permanent benchwork sticks out from the left-hand wall.

The base itself will be 1/2" plywood. I'll screw the risers at the edges, so the track/splines will be supported both in the removable section and the permanent section. Once the splines are in place, I can cut those at the edge of the removable section. I'll leave the homed and brace track itself intact, since removing this section will be "only if needed".

Thoughts?

dave

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

04-16-2018, 09:09 PM #24

I would make it a lift-out, supported at its three corners (either side of the door and however far you need to go to the right (towards the main yard) to give access. Seems like a smaller amount of critical carpentry that way, but YMMV.

James

04-16-2018, 07:00 PM #25

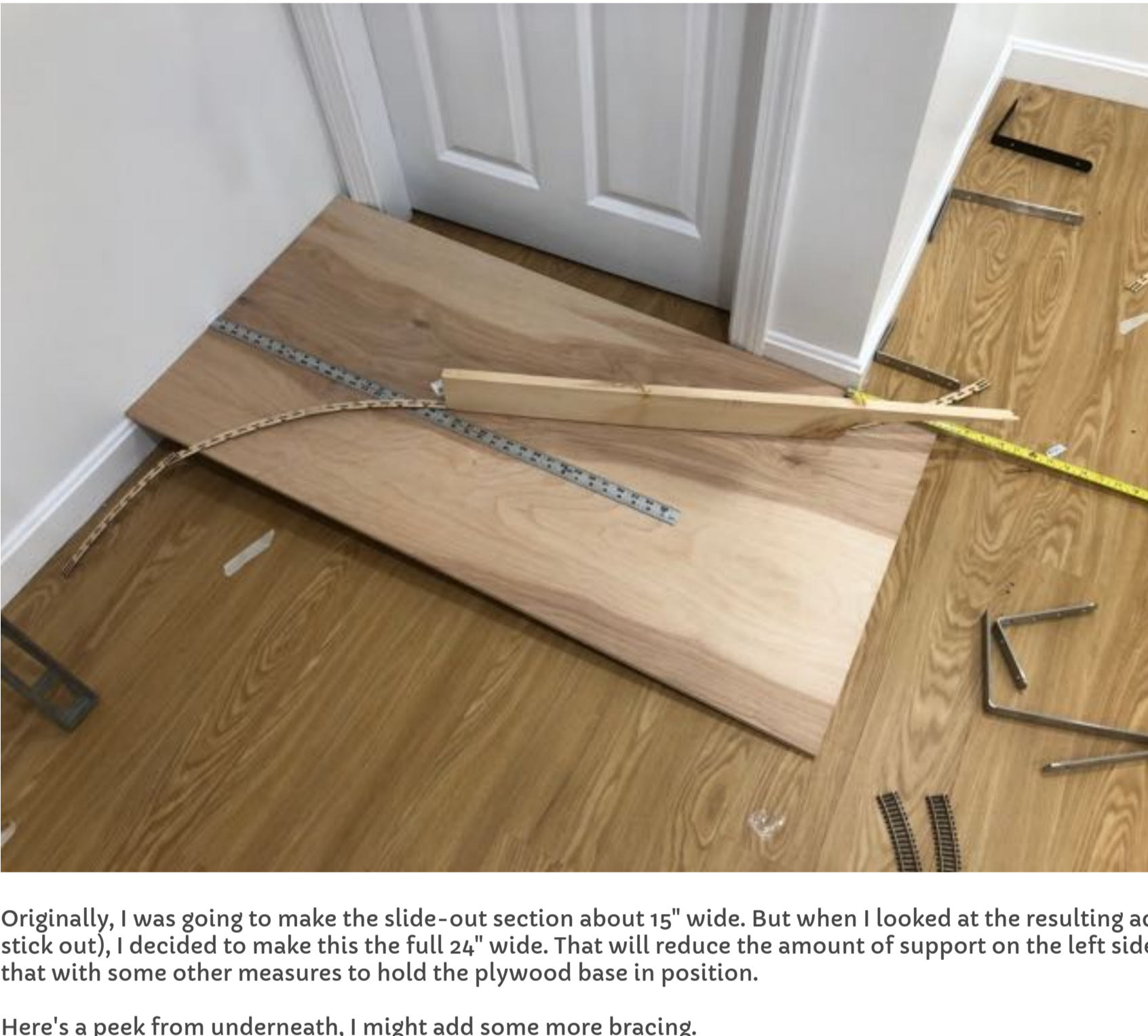
I would suggest that the space between the outside corner of the left bench work and the hinge side of the door opening be at least 30". You could have a big guy with a toolbelt come to fix he would like all the space possible. Besides the sharp corner at the end poking out.

Phil Z

POR (press on regardless)

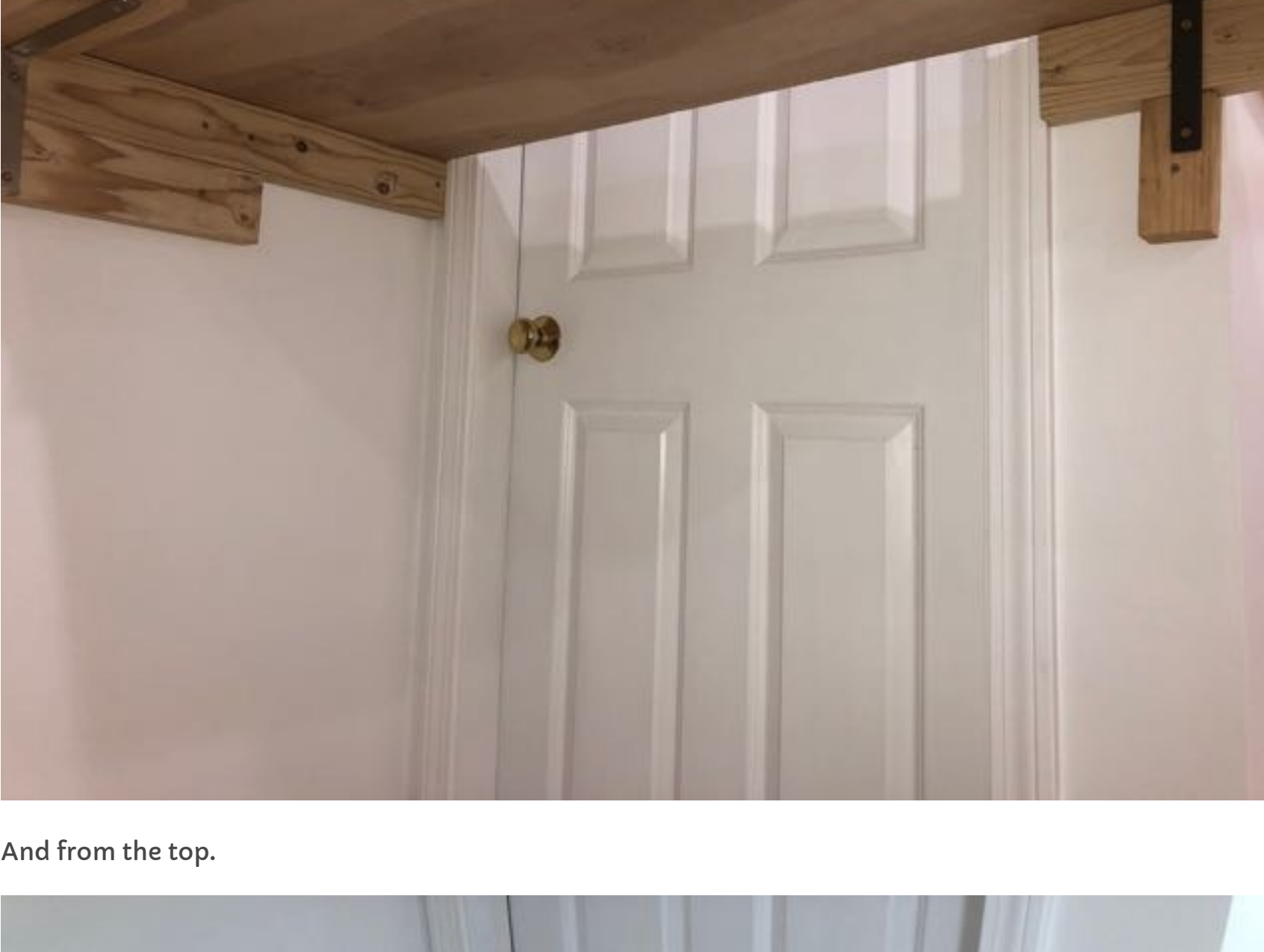
04-17-2018, 12:45 PM #26

Well, there's nothing like 1-1 set-up.




Originally, I was going to make the slide-out section about 18" wide. But when I looked at the resulting access (and how far the permanent benchwork would stick out), I decided to make this the full 24" wide. That will reduce the amount of support on the left side permanent benchwork, but I can compensate for that with some other measures to hold the plywood base in position.

Here's a peek from underneath, I might add some more bracing.



And from the top.



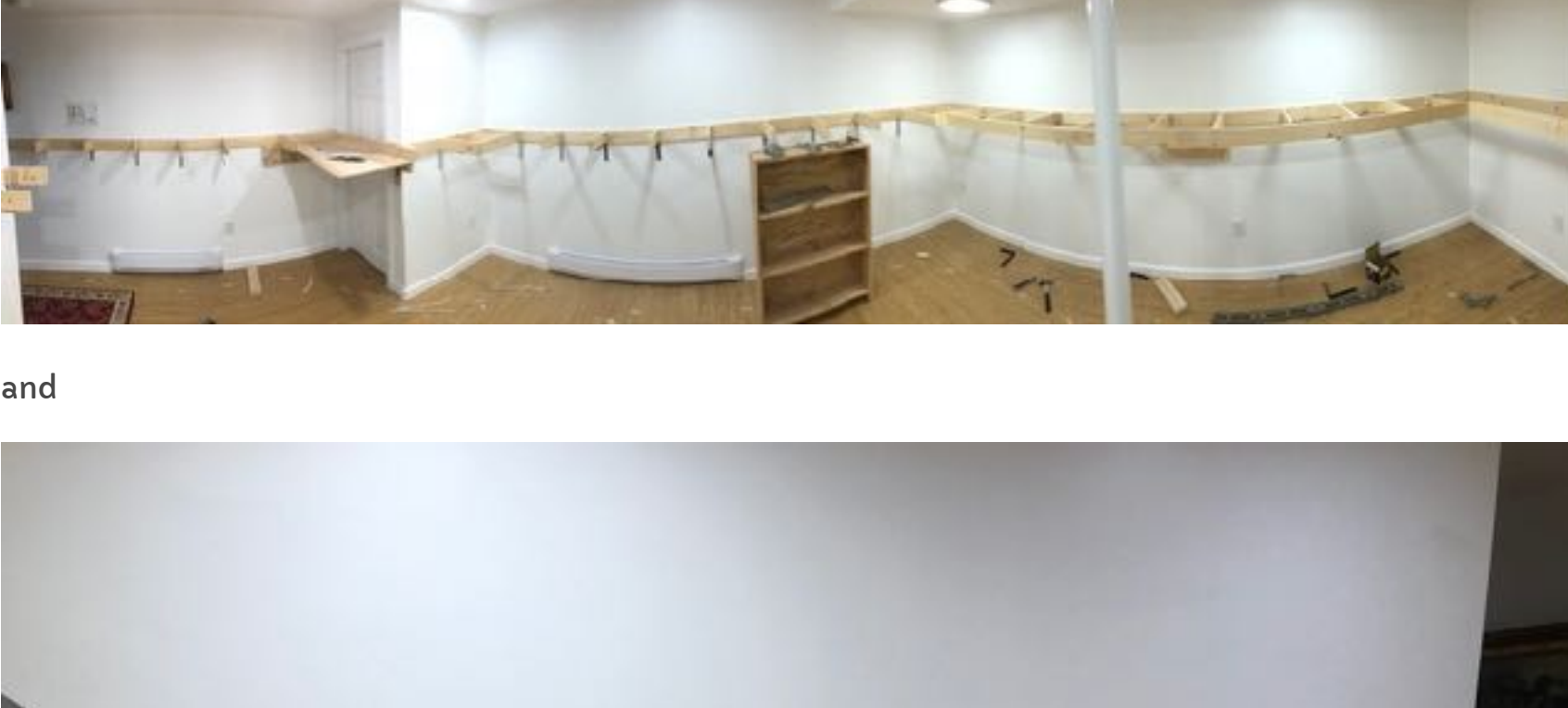
The board on the left represents the edge of this permanent benchwork. The slide-out section will have a matching piece (both sides). The black magic marker represents the edge of the benchwork through this section. Track level will be about 2" above the top of the benchwork. These sides will have that NE Brownstone bridge, so the plywood represents the base of the water feature.

dave

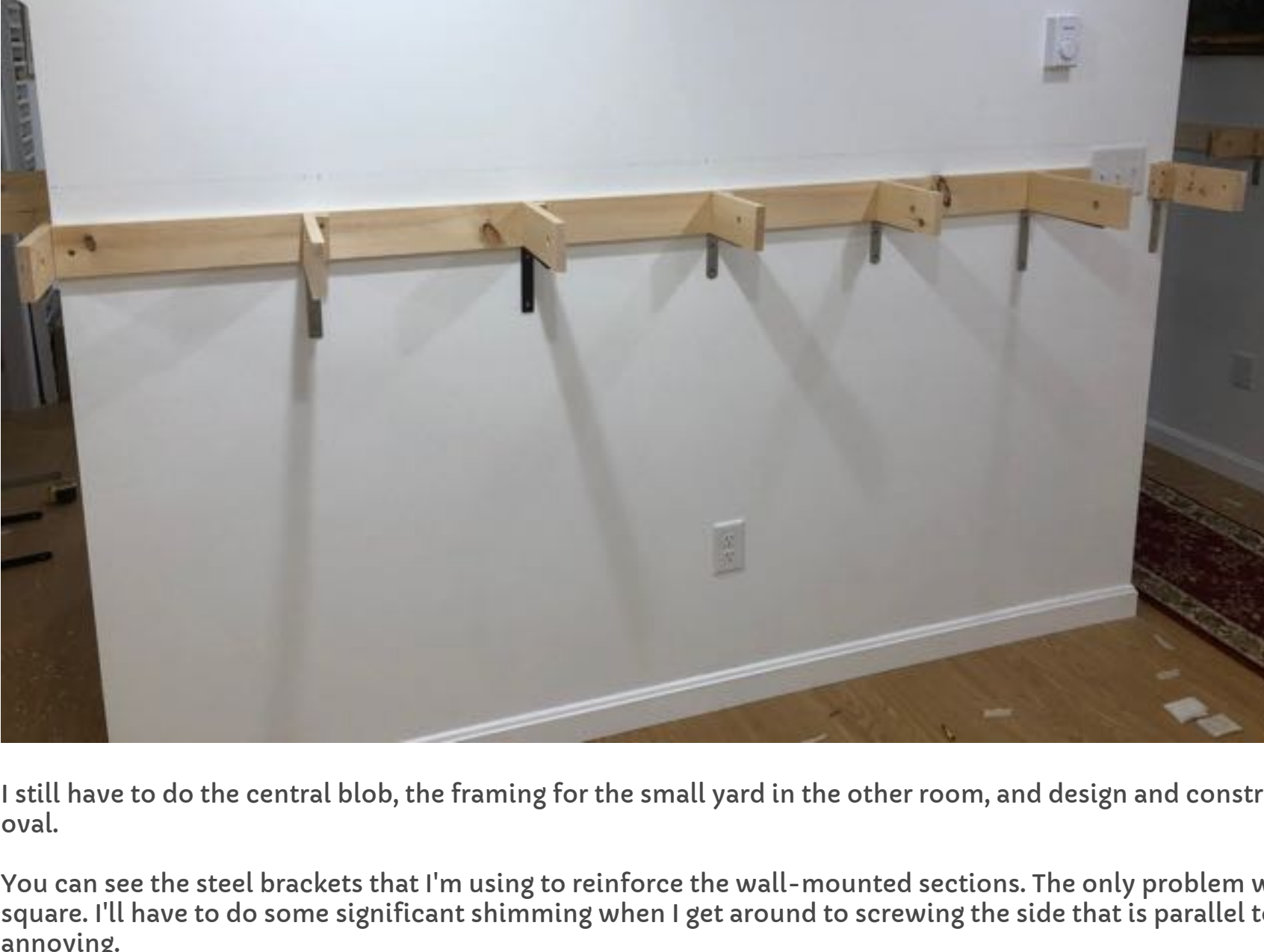
Modeling 1890s (because the voices in my head told me to)

04-19-2018, 03:36 PM #27

Yesterday the weather was warm enough I could run the table saw and finish shaping some wood. Today I got a lot accomplished, got most of the benchwork against the wall in the main room installed.



and



I still have to do the central blob, the framing for the small yard in the other room, and design and construct the swinging gate that will make the complete oval.

You can see the steel brackets that I'm using to reinforce the wall-mounted sections. The only problem with those (besides the expense) is they're not all square. I'll have to do some significant shiming when I get around to screwing the side that is parallel to the floor into the benchwork joists. That's very annoying.

I'll probably do the blob central framing tomorrow, that'll be a bit of a challenge by myself, but I think I know how to do it.

dave

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

04-20-2018, 02:23 AM #28

Dave,

You've accomplished a lot in a few days. Work looks very neatly done as well.

Mike

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

04-20-2018, 05:55 AM #29

quote:

Originally posted by deemery

You can see the steel brackets that I'm using to reinforce the wall-mounted sections. The only problem with those (besides the expense) is they're not all square. I'll have to do some significant shiming when I get around to screwing the side that is parallel to the floor into the benchwork joists. That's very annoying.

dave

How about putting them in a vise, and using a square and a hammer to 'adjust' them beforehand, instead of fighting with shims?

It's locking good!

Jim

Take the red pill

04-20-2018, 07:08 AM #30

Your making good progress Dave. I used shelf brackets for my upper level around the walls. While they are very strong, they weren't square either!

Mark

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