I decided to make the sill riser block a single piece rather than the 2-piece "sandwich" design I had planned. The reasoning was that a solid piece would prevent protruding bolt heads and wing nuts from catching on the firefighters' gear. Using this design, the firefighters would screw the front plate to the window spacer blocks with deck screws.

The first alteration of the main wall was to add a 2x4 to the bottom of the wall in order to make the frame stronger and to aid in construction. Because of this, we had to drill access holes for the bolt that attaches the floor brace to the main wall. This should have been part of the plan to begin with. Another change we made was to add two extra support studs to the two interior studs for the purpose of supporting the sill, rather than add a fascia plate to the front of the wall to support the sill. In addition to the extra support studs, we added scrap 2x4 squares underneath the footholds to provide added support and to aid in construction. Due to the fact that the footholds are all in even lines, it would be almost impossible to attach them all to the studs and still provide enough support.

I spent a long period of time on the third day discussing with my aunt, uncle, and dad to come up with a solution to fasten the window spacer blocks to the inner window frame. We had come up with several possible solutions, some better than others (duct tape was up for discussion at one point), until we decided to allow the firefighters to make the final decision because they would be the ones assembling and using the wall. The firefighters later decided to bolt the first two spacer blocks and screw the rest in with deck screws.